

天拓工具

数控刀具的专业供应商

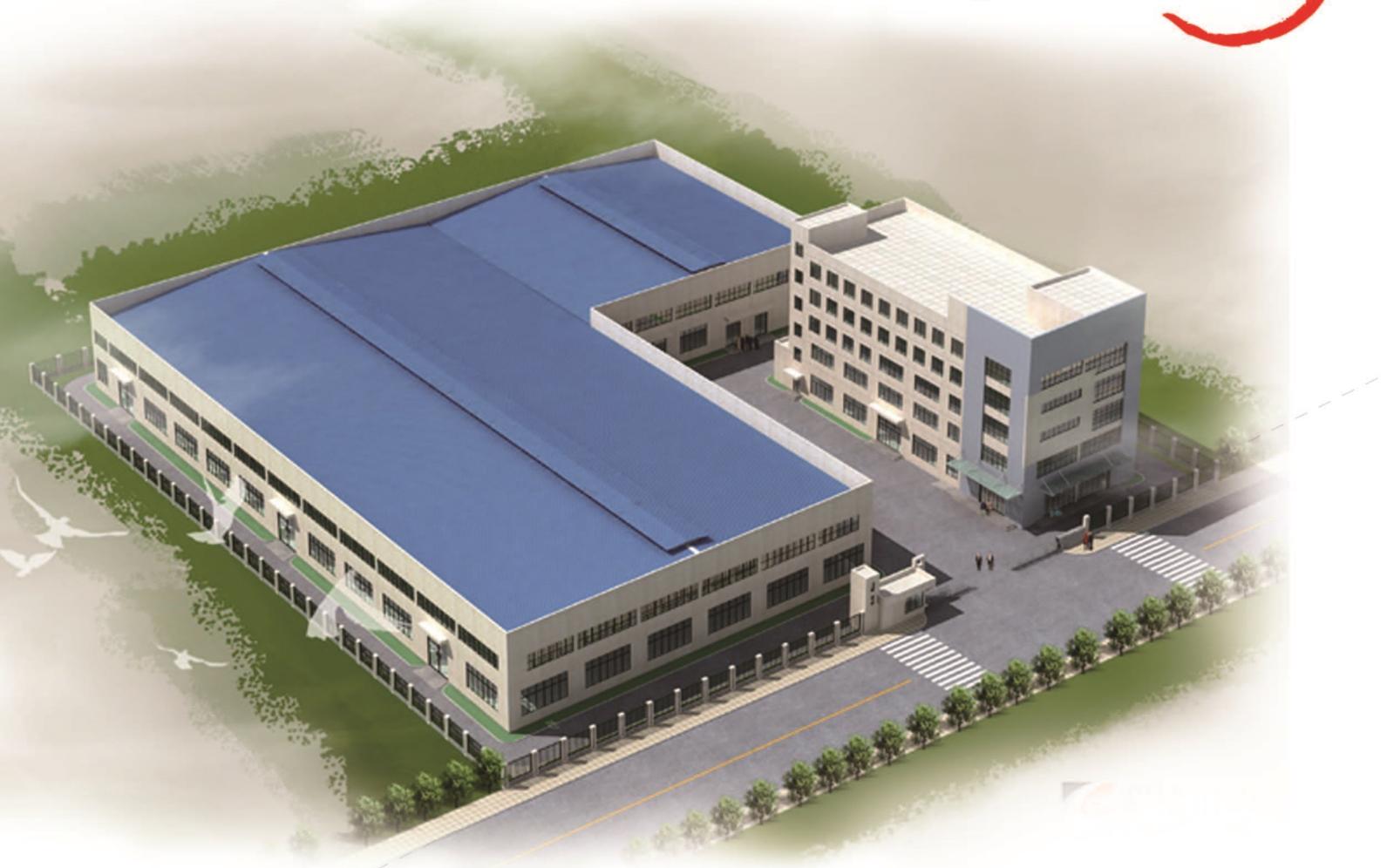


上海天拓电气有限公司

www.teentool.com.cn

企业简介

Corporate Introduction



天拓工具成立于2003年，经过天拓全体员工的共同努力，企业已经成长为专业化刀具供应商。公司拥有专业的刀具设计、研发团队，其中高级工程师三名，高级技工、技师数十名。

公司产品面广，涵盖车削刀具，铣削刀具，孔加工刀具，机床附件和专用设备，主要产品有：整体合金刀具、机夹浅孔钻、可转位螺旋立铣刀、三面刃、组合镗刀等二十多个系列近千个品种，产品广泛用于机械、汽车、医疗、航天、军工等行业。企业凭借雄厚的技术实力，专业的管理团队和先进的生产设备，为数千计的客户提供了全套刀具解决方案，得到广大客户的一致认可。

公司秉承“品质·效率·稳定·服务”的宗旨，以“做一个受人尊重的企业”为愿景，不断开拓创新、积极进取，努力打造国产刀具一流品牌。

天拓工具与您同发展、共辉煌！

注意事项



安装刀具，拆卸刀具時注意事項

- ① 请将刀柄牢固的固定在卸刀夹具上，然后再进行刀具的安装与拆卸操作。
- ② 在安装刀具时请勿将手直接与刀刃接触，防止将手划伤。
- ③ 为了保证刀具的安全安装，请务必使用我公司提供的紧固扳手。
- ④ 在将刀具安装上机床上时，请务必确认道具上所有的紧固件已被锁紧。



加工時注意事項

- ① 请勿接触旋转中的刀柄或刀具。
- ② 加工时请穿上防护服与目镜，防止飞剑的高温切屑的伤害。
- ③ 加工时为了防止意外事故的发生，在刀具旋转时请勿打开机床的防护门。



刀具長期保養注意事項

- ① 刀具长期不使用时，请将刀具从刀柄上拆卸下来，否则会导致刀柄的夹持力和夹持精度的下降及联接面的锈蚀。
- ② 保存前请将刀具，刀柄上的切屑切削液清理干净，并进行适当的防锈处理，如涂覆防锈油等。

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舍弃式快速钻头 X2D

WC型



舍弃式快速钻头 X3D

WC型



舍弃式快速钻头 X4D

WC型



舍弃式快速钻头 X3D

SP型



舍弃式快速钻头 X4D

SP型



切削钻



舍弃式快速钻头 X5D

WC型



舍弃式快速钻头 X6D

WC型



侧固式C40/50快速留芯钻



SB双刃粗镗刀杆



MC固定式双刃粗镗头



ABH双刃粗镗刀本体



ABH粗镗孔刀座



ABH粗镗孔反镗刀座



ABH粗镗头系统组合



ABH粗镗头系统反镗组合



DBH分离式粗镗头



DBH大径双刃粗镗头



BSA45度粗镗孔刀柄



BSB 90° 粗镗孔刀柄



TBS舍弃式镗孔刀杆



CBS舍弃式镗孔刀杆



DCK-DYD微调精镗孔



DYD微调镗头微调器



CBH微调精密镗头



CBH大径微调精密镗头



CBH-M反镗头



CBH-L反镗头



DBJ16微调精密镗头



DBJ16微调精镗刀杆



DBJ16微调精镗套装组合



NBH2084微调精密镗孔刀头



DBJ20微调精镗刀杆



A30

NBH2084微调精镗套装组合



A30

DBJ钨钢刀杆专用套筒



A31

DT抗震钨钢刀杆



A31

DEB舍弃式镗头



A31

超硬整体碳化钨钢镗刀杆



A32

C32直柄镗刀杆



A32

DCK镗头刀柄



A33

BST镗头刀柄



A34

NBH2084镗头刀柄



A34

DCK等径延长接柄



A35

DCK异径转换接柄（大接小）



A35

FBH极细微调精镗刀



A36

FBH极细微调精镗反镗刀



A36

FBH极细微调精镗刀-精镗刀本体



A37

FBH精镗刀杆



A37

FBH精镗刀片座



A37

DCK2-FBH25P极细微调精镗孔系统



A38

DCK3-FBH32P极细微调精镗孔系统



A38

DCK4-FBH40P极细微调精镗孔系统



A39

DCK5-FBH50P极细微调精镗孔系统



A39

DCK6-FBH63P极细微调精镗孔系统



A40

DCK6-FBH63P极细微调精镗孔系统



A40

FBH大径极细微调精镗



A41

BST镗头刀柄



A41

DSJ精镗刀本体+DSP平衡座



A42

FBH精镗刀片座



A42

FBH精镗反镗刀片座



A42

组合镗刀



A42

小刀夹 90°



A45

小刀夹 90°



A45

小刀夹 75°



A45

小刀夹 95°



A46

小刀夹 45°



A46

小刀夹 60°



A46

小刀夹 60°



A47

整体硬质合金麻花钻系列



A48

整体硬质合金钻头系列



A49

整体硬质合金阶梯钻系列



A49

整体硬质合金三刃钻系列



A50

整体硬质合金直槽钻系列



A51

整体硬质合金定心钻系列



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A55

圆弧槽加工



A56

端面槽加工



A56

整体硬质合金直柄直槽铰刀



A57

整体硬质合金螺旋槽铰刀



A57

整体硬质合金光面塞规



A57

EM粗铣刀



B2

EMP粗铣刀



B2

ASP粗铣刀



B3

EMP、ASP粗铣刀杆



B3

EM粗铣刀-XT柄型



B4

EM粗铣刀-BT/JT柄型



B4

KLX粗铣刀-直柄型



B5

KLX粗铣刀-莫氏锥柄型



B5

KLX粗铣刀-锥柄型7: 24



B5

KLXK粗铣刀-XT柄型



B6

KLXK粗铣刀-BT/JT柄型



B6

AHU直角台肩铣刀



B9

EMR舍弃式端铣刀



B10

EMRT舍弃式端铣刀



B10

RCF球形中粗刀



B11

EMRT舍弃式端铣刀



B12

BF球头精加工立铣刀



B13

AJU过中心钻铣刀



B14

ASJ钻铣共用型铣刀(短刃型)



B15

ASR大进给立铣刀



B16

AJX大进给立铣刀



B16

可转位T型槽铣刀



B17

CH螺丝沉头孔铣刀



B18

TP30°, 45°, 60° 直柄型
倒角刀



B18

EM45° 内外倒角刀



B19

SSK45° 舍弃式倒角刀



B19

SSP45° 定位倒角刀



B19

TCM45° 倒角刀



B20

SB新型倒角刀



B20

TP舍弃式直角铣刀



B20

粗铣球头刀可换式刀头



B22

大进给铣刀可换式刀头
(S形刀片)



B22

大进给铣刀可换式刀头
(W形刀片)



B23

多功能铣削刀具可换式刀头



B23

FMR系列可换式刀头



B24

单片精铣球头刀可换式刀头



B24

PE75° 平面铣刀头



B26

400R直角平面铣刀头



B26

EMRW圆刀刃平面铣刀头



B26

KE45° 高速面铣刀



B27

SE45° 高速平面铣刀头



B27

AJX大进给面铣刀头



B27

TP90° 直角面铣刀头



B28

TP90° 直角面铣刀头



B28

FP45° 平面铣刀头



B29

FP75° 平面铣刀头



B29

FM45° 铝合金平面铣刀头



B30

FM90° 铝合金平面铣刀头



B30

FMIM可转位密齿精切面铣刀



B31

SDC舍弃式侧铣刀



B32

立装可转位槽铣刀



B33

立装可转位平面粗铣刀Kr60°



B34

立装可转位平面粗铣刀Kr90°



B34

立装可转位平面精铣刀Kr90°



B35

整体硬质合金平刀系列



B37

整体硬质合金圆鼻刀系列



B37

整体硬质合金球刀系列



B38

整体硬质合金波刃铣刀系列



B38

整体硬质合金锥度刀系列



B39

整体硬质合金锥度球刀系列



B40

整体硬质合金大进给刀系列



B41

整体硬质合金铝用球刀系列



B41

整体硬质合金镜面铝用刀系列



B42

整体硬质合金铝用雕铣刀系列



B42

整体硬质合金不锈钢铣刀系列



B43

整体硬质合金钛合金铣刀系列



B43

整体硬质合金锯片铣刀系列



B43

整体硬质合金螺纹铣刀系列



B44

整体硬质合金锥度螺纹铣刀系列



B45

整体硬质合金丝锥系列



B45

整体硬质合金单角插刀系列



B46

整体硬质合金双角插刀系列



B46

整体硬质合金精加工冲头系列



B46

强力型刀柄



C2

C型扳手



C2

强力筒夹本体 (带防尖罩, 封闭型)



C3

强力弹性直筒夹



C3

BT-GSK高速精密筒夹本体



C4

SK精密弹性筒夹



C5

GSK高速刀柄专用螺帽



C5

GSK套筒专用扳手



C5

BT-ER弹性筒夹本体



C6

ER型扳手



C6

ER弹性筒夹



C7

螺帽



C7

SK直柄弹性筒夹延长杆



C8

直柄ER弹性筒夹延长杆



C8

M型直柄ER弹性筒夹延长杆



C8

侧固式铣刀柄



C9

小径精密夹头本体



C9

直柄式小径延伸杆



C10

小径筒夹



C10

BT-SPU直结式钻夹头刀柄



C11

钻夹头刀柄



C11

BT-MTB莫氏锥套刀柄 (螺丝锁紧)



C12

BT-MTA莫氏锥套刀柄 (钻头套筒)



C12

BT-OSL 侧固式油路刀把



C13

BT-OSL 侧固式油路刀把套筒



C13

快换式伸缩/扭力攻牙刀杆



C14

扭力攻丝筒夹



C14

平面铣刀柄 (直柄式)



C15

侧铣式刀柄



C16

BT 拉钉



C17

BT 给水型拉钉



C17

外圆刀 ECLNR/L 95°



D2

外圆刀 MCLNR/L 95°



D2

外圆刀 ETJNR/L 93°



D3

外圆刀 MTJNR/L 93°



D3

外圆刀 ETENN 60°



D4

外圆刀 MTENN 60°



D4

外圆刀 EWLNR/L 95°



D5

外圆刀 MWLNR/L 95°



D5

外圆刀 ESDNN 45°



D6

外圆刀 MSDNN 45°



D6

外圆刀 MSKNR/L 93°



D7

外圆刀 EVJNR/L 93°



D7

外圆刀 EDJNR/L 93°



D8

外圆刀(压板式) MDJNR/L 93°



D8

外圆刀 SCLCR/L 95°



D9

外圆刀 SCKCR/L 75°



D9

外圆刀 SCMCN 50°



D9

外圆刀 SDJCR/L 93°



D10

外圆刀 SDNCN 62.5°



D10

外圆刀 SSKCR/L 75°



D10

外圆刀 SSSCR/L 45°



D11

外圆刀 STFCR/L 91°



D11

外圆刀 SVJ-R/L 93°



D11

内孔车刀 ECLNR/L 95°



D12

内孔车刀 MCLNR/L 95°



D12

内孔车刀 ETUNR/L 93°



D13

内孔车刀(压板式)
MTJNR/L 93°



D13

内孔车刀(压板式)
MTFNR/L 91°



D14

内孔车刀 EWLNR/L 95°



D14

内孔车刀 MWLNR/L 95°



D15

内孔车刀 SCLCR/L 95°



D15

内孔车刀 SDQCR/L 107.5°



D16

内孔车刀 STFCR/L 91°



D16

内孔车刀 SVQ-R/L 117.5°



D17

内孔车刀 SWLCR/L 95°



D17

槽刀 MGEHR/L



D18

槽刀 MGIVR/L



D18

单头切槽刀



D19

硬质合金镗孔刀杆和刀片



D19

切断、切槽车刀 QTR/L



D20

内圆切槽车刀 S-QTR/L



D20

硬质合金切断、切槽车刀片



D20

外螺纹车刀 SER/L



D21

内螺纹车刀 SIR



D21

外螺纹车削刀片



D21

单刀片螺纹铣刀杆



D23

双刀片式螺纹铣刀杆



D23

多刀片式螺纹铣刀杆



D23

加长型硬质合金螺纹铣刀杆



D24

锥滚柱滚压工具



E1

硬质合金外圆滚压工具



E2

非标刀具



F1

角固虎钳



G1

角固虎钳



G1

52pcs万能夹具组



G1

普通型三爪夹头



G2

强力型三爪夹头



G2

高性能回转顶针NCK



G3

可调式顶针NCR



G3

BT型清洁棒



G4

HSK型清洁棒



G4

Z轴设定器ZIP-50/50A



G4

光电式Z轴设定器ZOP-50



G4

简易式寻边器



G5

光电式寻边器



G5

通用螺丝



G5

旗形扳手



G5

T形扳手



G5

直柄扳手



G5

工具车



G6

刀具车



G6

立卧式铣刀座



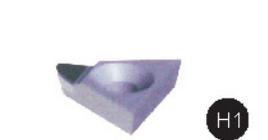
G6

万向式铣刀座



G6

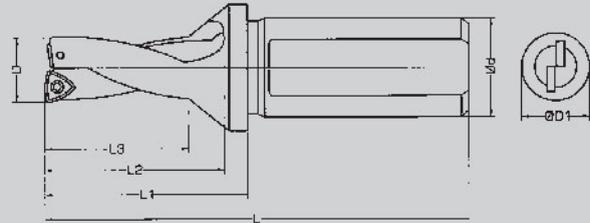
PCD/CBN刀具



H1

舍弃式快速钻头 X2D

WC型

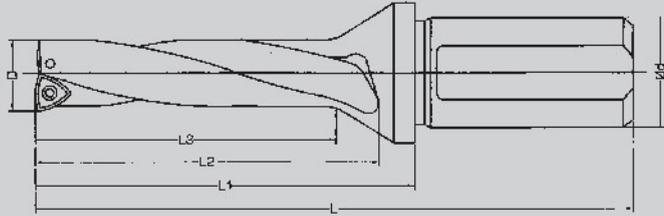


| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|--------------------|------|----------|-------|------|----|----|------------------|--------|----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ17-2D-C25-35L | 17 | 115 | 60 | 50 | 35 | 25 | WCMX 03 02 08 | M2.5x5 | T8 |
| QKZ17.5-2D-C25-36L | 17.5 | 116 | 61 | 51 | 36 | | | | |
| QKZ18-2D-C25-37L | 18 | 117 | 62 | 52 | 37 | | | | |
| QKZ18.5-2D-C25-38L | 18.5 | 118 | 63 | 53 | 38 | | | | |
| QKZ19-2D-C25-39L | 19 | 119 | 64 | 54 | 39 | | | | |
| QKZ19.5-2D-C25-40L | 19.5 | 120 | 65 | 55 | 40 | | | | |
| QKZ20-2D-C25-41L | 20 | 121 | 66 | 56 | 41 | | | | |
| QKZ20.5-2D-C25-42L | 20.5 | 122 | 67 | 57 | 42 | | | | |
| QKZ21-2D-C25-43L | 21 | 123 | 68 | 58 | 43 | | | | |
| QKZ21.5-2D-C25-44L | 21.5 | 124 | 69 | 59 | 44 | | | | |
| QKZ22-2D-C25-45L | 22 | 125 | 70 | 60 | 45 | | | | |
| QKZ22.5-2D-C25-46L | 22.5 | 126 | 71 | 61 | 46 | | | | |
| QKZ23-2D-C25-47L | 23 | 129 | 74 | 64 | 47 | | | | |
| QKZ23.5-2D-C25-48L | 23.5 | 130 | 75 | 65 | 48 | | | | |
| QKZ24-2D-C25-49L | 24 | 130 | 75 | 65 | 49 | | | | |
| QKZ24.5-2D-C25-50L | 24.5 | 131 | 76 | 66 | 50 | | | | |
| QKZ25-2D-C32-51L | 25 | 141 | 81 | 71 | 51 | | | | |
| QKZ25.5-2D-C32-52L | 25.5 | 142 | 82 | 72 | 52 | | | | |
| QKZ26-2D-C32-53L | 26 | 143 | 83 | 73 | 53 | | | | |
| QKZ26.5-2D-C32-54L | 26.5 | 144 | 84 | 74 | 54 | | | | |
| QKZ27-2D-C32-55L | 27 | 145 | 85 | 75 | 55 | | | | |
| QKZ27.5-2D-C32-56L | 27.5 | 146 | 86 | 76 | 56 | | | | |
| QKZ28-2D-C32-57L | 28 | 147 | 87 | 77 | 57 | | | | |
| QKZ28.5-2D-C32-58L | 28.5 | 148 | 88 | 78 | 58 | | | | |
| QKZ29-2D-C32-59L | 29 | 149 | 89 | 79 | 59 | | | | |
| QKZ29.5-2D-C32-60L | 29.5 | 150 | 90 | 80 | 60 | | | | |
| QKZ30-2D-C40-61L | 30 | 168 | 108 | 96 | 61 | | | | |
| QKZ30.5-2D-C40-62L | 30.5 | 168.5 | 108.5 | 96.5 | 62 | | | | |
| QKZ31-2D-C40-63L | 31 | 169 | 99 | 87 | 63 | | | | |
| QKZ31.5-2D-C40-64L | 31.5 | 170 | 100 | 88 | 64 | | | | |
| QKZ32-2D-C40-65L | 32 | 171 | 101 | 89 | 65 | | | | |
| QKZ32.5-2D-C40-66L | 32.5 | 172 | 102 | 90 | 66 | | | | |
| QKZ33-2D-C40-67L | 33 | 174 | 104 | 92 | 67 | | | | |
| QKZ33.5-2D-C40-68L | 33.5 | 175 | 105 | 93 | 68 | | | | |
| QKZ34-2D-C40-69L | 34 | 176 | 106 | 94 | 69 | | | | |
| QKZ34.5-2D-C40-70L | 34.5 | 177 | 107 | 95 | 70 | | | | |
| QKZ35-2D-C40-71L | 35 | 177 | 107 | 95 | 71 | | | | |
| QKZ35.5-2D-C40-72L | 35.5 | 178 | 108 | 94 | 72 | | | | |
| QKZ36-2D-C40-73L | 36 | 179 | 109 | 95 | 73 | | | | |
| QKZ36.5-2D-C40-74L | 36.5 | 180 | 110 | 96 | 74 | | | | |

| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|--------------------|------|----------|-----|-----|-----|----|------------------|---------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ37-2D-C40-75L | 37 | 181 | 111 | 97 | 75 | 40 | WCMT 06 T3 08 | M3.5x8 | T15 |
| QKZ37.5-2D-C40-76L | 37.5 | 182 | 112 | 98 | 76 | | | | |
| QKZ38-2D-C40-77L | 38 | 182 | 112 | 98 | 77 | | | | |
| QKZ38.5-2D-C40-78L | 38.5 | 183 | 113 | 99 | 78 | | | | |
| QKZ39-2D-C40-79L | 39 | 184 | 114 | 100 | 79 | | | | |
| QKZ39.5-2D-C40-80L | 39.5 | 185 | 115 | 101 | 80 | | | | |
| QKZ40-2D-C40-81L | 40 | 186 | 116 | 102 | 81 | | | | |
| QKZ40.5-2D-C40-82L | 40.5 | 187 | 117 | 103 | 82 | | | | |
| QKZ41-2D-C40-83L | 41 | 188 | 118 | 104 | 83 | | | | |
| QKZ41.5-2D-C40-84L | 41.5 | 189 | 119 | 105 | 84 | | | | |
| QKZ42-2D-C40-85L | 42 | 187 | 117 | 103 | 85 | | | | |
| QKZ43-2D-C40-87L | 43 | 204 | 134 | 120 | 87 | | | | |
| QKZ44-2D-C40-89L | 44 | 206 | 136 | 122 | 89 | | | | |
| QKZ45-2D-C40-91L | 45 | 208 | 138 | 124 | 91 | | | | |
| QKZ46-2D-C40-93L | 46 | 210 | 140 | 126 | 93 | | | | |
| QKZ47-2D-C40-95L | 47 | 212 | 142 | 128 | 95 | | | | |
| QKZ48-2D-C40-97L | 48 | 214 | 144 | 130 | 97 | | | | |
| QKZ49-2D-C40-99L | 49 | 216 | 146 | 132 | 99 | | | | |
| QKZ50-2D-C40-101L | 50 | 218 | 148 | 134 | 101 | | | | |
| QKZ51-2D-C40-103L | 51 | 222 | 152 | 138 | 103 | | | | |
| QKZ52-2D-C40-105L | 52 | 224 | 154 | 140 | 105 | | | | |
| QKZ53-2D-C40-107L | 53 | 226 | 156 | 142 | 107 | | | | |
| QKZ54-2D-C40-109L | 54 | 228 | 158 | 144 | 109 | | | | |
| QKZ55-2D-C40-111L | 55 | 230 | 160 | 146 | 111 | | | | |
| QKZ56-2D-C40-113L | 56 | 232 | 162 | 148 | 113 | | | | |
| QKZ57-2D-C40-115L | 57 | 234 | 164 | 150 | 115 | | | | |
| QKZ58-2D-C40-117L | 58 | 236 | 166 | 152 | 117 | | | | |
| QKZ59-2D-C40-119L | 59 | 238 | 168 | 154 | 119 | | | | |
| QKZ60-2D-C40-121L | 60 | 240 | 170 | 156 | 121 | | | | |
| QKZ61-2D-C40-123L | 61 | 242 | 172 | 158 | 123 | | | | |
| QKZ62-2D-C40-125L | 62 | 244 | 174 | 160 | 125 | | | | |
| QKZ63-2D-C40-127L | 63 | 246 | 176 | 162 | 127 | | | | |
| QKZ64-2D-C40-129L | 64 | 248 | 178 | 164 | 129 | | | | |
| QKZ65-2D-C40-131L | 65 | 250 | 180 | 166 | 131 | | | | |
| QKZ66-2D-C40-133L | 66 | 252 | 182 | 168 | 133 | | | | |
| QKZ67-2D-C40-135L | 67 | 254 | 184 | 170 | 135 | | | | |
| QKZ68-2D-C40-137L | 68 | 256 | 186 | 172 | 137 | | | | |
| QKZ69-2D-C40-139L | 69 | 258 | 188 | 174 | 139 | | | | |
| QKZ70-2D-C40-141L | 70 | 260 | 190 | 176 | 141 | | | | |
| QKZ71-2D-C40-143L | 71 | 262 | 192 | 178 | 143 | | | | |
| QKZ72-2D-C40-145L | 72 | 264 | 194 | 180 | 145 | | | | |
| QKZ73-2D-C40-147L | 73 | 266 | 196 | 182 | 147 | | | | |
| QKZ74-2D-C40-149L | 74 | 268 | 198 | 184 | 149 | | | | |
| QKZ75-2D-C40-151L | 75 | 270 | 200 | 186 | 151 | | | | |
| QKZ76-2D-C40-153L | 76 | 272 | 202 | 188 | 153 | | | | |
| QKZ77-2D-C40-155L | 77 | 274 | 204 | 190 | 155 | | | | |
| QKZ78-2D-C40-157L | 78 | 276 | 206 | 192 | 157 | | | | |
| QKZ79-2D-C40-159L | 79 | 278 | 208 | 194 | 159 | | | | |
| QKZ80-2D-C40-161L | 80 | 280 | 210 | 196 | 161 | | | | |
| QKZ81-2D-C40-163L | 81 | 282 | 212 | 198 | 163 | | | | |
| QKZ82-2D-C40-165L | 82 | 284 | 214 | 200 | 165 | | | | |
| QKZ83-2D-C40-167L | 83 | 286 | 216 | 202 | 167 | | | | |
| QKZ84-2D-C40-169L | 84 | 288 | 218 | 204 | 169 | | | | |
| QKZ85-2D-C40-171L | 85 | 290 | 220 | 206 | 171 | | | | |
| | | | | | | 40 | WCMT 08 04 12 | M4.0x10 | T15 |
| | | | | | | 40 | WCMT 06 T3 08 | M3.5x8 | T15 |
| QKZ62-2D-C40-125L | 62 | 244 | 174 | 160 | 125 | | | | |
| QKZ63-2D-C40-127L | 63 | 246 | 176 | 162 | 127 | | | | |
| QKZ64-2D-C40-129L | 64 | 248 | 178 | 164 | 129 | | | | |
| QKZ65-2D-C40-131L | 65 | 250 | 180 | 166 | 131 | | | | |
| QKZ66-2D-C40-133L | 66 | 252 | 182 | 168 | 133 | | | | |
| QKZ67-2D-C40-135L | 67 | 254 | 184 | 170 | 135 | | | | |
| QKZ68-2D-C40-137L | 68 | 256 | 186 | 172 | 137 | | | | |
| QKZ69-2D-C40-139L | 69 | 258 | 188 | 174 | 139 | | | | |
| QKZ70-2D-C40-141L | 70 | 260 | 190 | 176 | 141 | | | | |
| QKZ71-2D-C40-143L | 71 | 262 | 192 | 178 | 143 | | | | |
| QKZ72-2D-C40-145L | 72 | 264 | 194 | 180 | 145 | | | | |
| QKZ73-2D-C40-147L | 73 | 266 | 196 | 182 | 147 | | | | |
| QKZ74-2D-C40-149L | 74 | 268 | 198 | 184 | 149 | | | | |
| QKZ75-2D-C40-151L | 75 | 270 | 200 | 186 | 151 | | | | |
| QKZ76-2D-C40-153L | 76 | 272 | 202 | 188 | 153 | | | | |
| QKZ77-2D-C40-155L | 77 | 274 | 204 | 190 | 155 | | | | |
| QKZ78-2D-C40-157L | 78 | 276 | 206 | 192 | 157 | | | | |
| QKZ79-2D-C40-159L | 79 | 278 | 208 | 194 | 159 | | | | |
| QKZ80-2D-C40-161L | 80 | 280 | 210 | 196 | 161 | | | | |
| QKZ81-2D-C40-163L | 81 | 282 | 212 | 198 | 163 | | | | |
| QKZ82-2D-C40-165L | 82 | 284 | 214 | 200 | 165 | | | | |
| QKZ83-2D-C40-167L | 83 | 286 | 216 | 202 | 167 | | | | |
| QKZ84-2D-C40-169L | 84 | 288 | 218 | 204 | 169 | | | | |
| QKZ85-2D-C40-171L | 85 | 290 | 220 | 206 | 171 | | | | |

舍弃式快速钻头 X3D

WC型

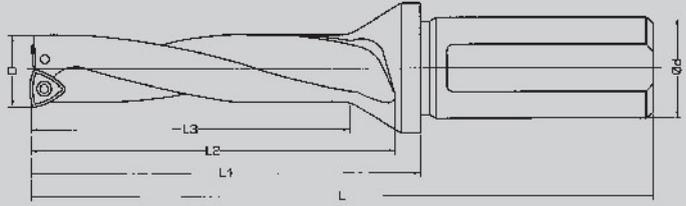


| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|-----------------------|------|----------|-------|-------|-------|----|------------------|--------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ17-3D-C25-52L | 17 | 132 | 77 | 67 | 52 | 25 | WCMX 03 02 08 | M2.5x5 | T8 |
| QKZ17.5-3D-C25-53.5L | 17.5 | 133.5 | 78.5 | 68.5 | 53.5 | | | | |
| QKZ18-3D-C25-55L | 18 | 135 | 80 | 70 | 55 | | | | |
| QKZ18.5-3D-C25-56.5L | 18.5 | 136.5 | 81.5 | 71.5 | 56.5 | | | | |
| QKZ19-3D-C25-58L | 19 | 138 | 83 | 73 | 58 | | | | |
| QKZ19.5-3D-C25-59.5L | 19.5 | 139.5 | 84.5 | 74.5 | 59.5 | | | | |
| QKZ20-3D-C25-61L | 20 | 141 | 86 | 76 | 61 | | | | |
| QKZ20.5-3D-C25-62.5L | 20.5 | 142.5 | 87.5 | 77.5 | 62.5 | | | | |
| QKZ21-3D-C25-64L | 21 | 144 | 89 | 79 | 64 | | | | |
| QKZ21.5-3D-C25-65.5L | 21.5 | 145.5 | 90.5 | 80.5 | 65.5 | | | | |
| QKZ22-3D-C25-67L | 22 | 147 | 92 | 82 | 67 | | | | |
| QKZ22.5-3D-C25-68.5L | 22.5 | 148.5 | 93.5 | 83.5 | 68.5 | | | | |
| QKZ23-3D-C25-70L | 23 | 152 | 97 | 87 | 70 | 32 | WCMT 05 03 08 | M3.0x7 | T10 |
| QKZ23.5-3D-C25-71.5L | 23.5 | 153.5 | 98.5 | 88.5 | 71.5 | | | | |
| QKZ24-3D-C25-73L | 24 | 154 | 99 | 89 | 73 | | | | |
| QKZ24.5-3D-C25-74.5L | 24.5 | 155.5 | 100.5 | 90.5 | 74.5 | | | | |
| QKZ25-3D-C32-76L | 25 | 166 | 106 | 96 | 76 | | | | |
| QKZ25.5-3D-C32-77.5L | 25.5 | 167.5 | 107.5 | 97.5 | 77.5 | | | | |
| QKZ26-3D-C32-79L | 26 | 169 | 109 | 99 | 79 | | | | |
| QKZ26.5-3D-C32-80.5L | 26.5 | 170.5 | 110.5 | 100.5 | 80.5 | | | | |
| QKZ27-3D-C32-82L | 27 | 172 | 112 | 102 | 82 | | | | |
| QKZ27.5-3D-C32-83.5L | 27.5 | 173.5 | 113.5 | 103.5 | 83.5 | | | | |
| QKZ28-3D-C32-85L | 28 | 175 | 115 | 105 | 85 | | | | |
| QKZ28.5-3D-C32-86.5L | 28.5 | 176.5 | 116.5 | 106.5 | 86.5 | | | | |
| QKZ29-3D-C32-88L | 29 | 178 | 118 | 108 | 88 | 40 | WCMT 06 T3 08 | M3.5x8 | T15 |
| QKZ29.5-3D-C32-89.5L | 29.5 | 179.5 | 119.5 | 109.5 | 89.5 | | | | |
| QKZ30-3D-C40-91L | 30 | 198 | 138 | 126 | 91 | | | | |
| QKZ30.5-3D-C40-92.5L | 30.5 | 199 | 139 | 127 | 92.5 | | | | |
| QKZ31-3D-C40-94L | 31 | 200 | 130 | 118 | 94 | | | | |
| QKZ31.5-3D-C40-95.5L | 31.5 | 201.5 | 131.5 | 119.5 | 95.5 | | | | |
| QKZ32-3D-C40-97L | 32 | 203 | 133 | 121 | 97 | | | | |
| QKZ32.5-3D-C40-98.5L | 32.5 | 204.5 | 134.5 | 122.5 | 98.5 | | | | |
| QKZ33-3D-C40-100L | 33 | 207 | 137 | 125 | 100 | | | | |
| QKZ33.5-3D-C40-101.5L | 33.5 | 208.5 | 138.5 | 126.5 | 101.5 | | | | |
| QKZ34-3D-C40-103L | 34 | 210 | 140 | 128 | 103 | | | | |
| QKZ34.5-3D-C40-104.5L | 34.5 | 211.5 | 141.5 | 129.5 | 104.5 | | | | |
| QKZ35-3D-C40-106L | 35 | 212 | 142 | 130 | 106 | | | | |
| QKZ35.5-3D-C40-107.5L | 35.5 | 213.5 | 143.5 | 129.5 | 107.5 | | | | |
| QKZ36-3D-C40-109L | 36 | 215 | 145 | 131 | 109 | | | | |
| QKZ36.5-3D-C40-110.5L | 36.5 | 216.5 | 146.5 | 132.5 | 110.5 | | | | |

| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|-----------------------|------|----------|-------|-------|-------|------------------|------------------|--------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ37-3D-C40-112L | 37 | 218 | 148 | 134 | 112 | 40 | WCMT 06 T3 08 | M3.5x8 | T15 |
| QKZ37.5-3D-C40-113.5L | 37.5 | 219.5 | 149.5 | 135.5 | 113.5 | | | | |
| QKZ38-3D-C40-115L | 38 | 220 | 150 | 136 | 115 | | | | |
| QKZ38.5-3D-C40-116.5L | 38.5 | 221.5 | 151.5 | 137.5 | 116.5 | | | | |
| QKZ39-3D-C40-118L | 39 | 223 | 153 | 139 | 118 | | | | |
| QKZ39.5-3D-C40-119.5L | 39.5 | 224.5 | 154.5 | 140.5 | 119.5 | | | | |
| QKZ40-3D-C40-121L | 40 | 226 | 156 | 142 | 121 | | | | |
| QKZ40.5-3D-C40-122.5L | 40.5 | 227.5 | 157.5 | 143.5 | 122.5 | | | | |
| QKZ41-3D-C40-124L | 41 | 229 | 159 | 145 | 124 | | | | |
| QKZ41.5-3D-C40-125.5L | 41.5 | 230.5 | 160.5 | 146.5 | 125.5 | | | | |
| QKZ42-3D-C40-127L | 42 | 229 | 159 | 145 | 127 | | | | |
| QKZ43-3D-C40-130L | 43 | 247 | 177 | 163 | 130 | | | | |
| QKZ44-3D-C40-133L | 44 | 250 | 180 | 166 | 133 | | | | |
| QKZ45-3D-C40-136L | 45 | 253 | 183 | 169 | 136 | | | | |
| QKZ46-3D-C40-139L | 46 | 256 | 186 | 172 | 139 | | | | |
| QKZ47-3D-C40-142L | 47 | 259 | 189 | 175 | 142 | | | | |
| QKZ48-3D-C40-145L | 48 | 262 | 192 | 178 | 145 | | | | |
| QKZ49-3D-C40-148L | 49 | 265 | 195 | 181 | 148 | | | | |
| QKZ50-3D-C40-151L | 50 | 268 | 198 | 184 | 151 | | | | |
| QKZ51-3D-C40-154L | 51 | 273 | 203 | 189 | 154 | | | | |
| QKZ52-3D-C40-157L | 52 | 276 | 206 | 192 | 157 | | | | |
| QKZ53-3D-C40-160L | 53 | 279 | 209 | 195 | 160 | | | | |
| QKZ54-3D-C40-163L | 54 | 282 | 212 | 198 | 163 | | | | |
| QKZ55-3D-C40-166L | 55 | 285 | 215 | 201 | 166 | | | | |
| QKZ56-3D-C40-169L | 56 | 288 | 218 | 204 | 169 | | | | |
| QKZ57-3D-C40-172L | 57 | 291 | 221 | 207 | 172 | | | | |
| QKZ58-3D-C40-175L | 58 | 294 | 224 | 210 | 175 | | | | |
| QKZ59-3D-C40-178L | 59 | 297 | 227 | 213 | 178 | | | | |
| QKZ60-3D-C40-181L | 60 | 300 | 230 | 216 | 181 | | | | |
| QKZ61-3D-C40-184L | 61 | 303 | 233 | 219 | 184 | | | | |
| QKZ62-3D-C40-187L | 62 | 306 | 236 | 222 | 187 | | | | |
| QKZ63-3D-C40-190L | 63 | 309 | 239 | 225 | 190 | | | | |
| QKZ64-3D-C40-193L | 64 | 312 | 242 | 228 | 193 | | | | |
| QKZ65-3D-C40-196L | 65 | 315 | 245 | 231 | 196 | | | | |
| QKZ66-3D-C40-199L | 66 | 318 | 248 | 234 | 199 | | | | |
| QKZ67-3D-C40-202L | 67 | 321 | 251 | 237 | 202 | | | | |
| QKZ68-3D-C40-205L | 68 | 324 | 254 | 240 | 205 | | | | |
| QKZ69-3D-C40-208L | 69 | 327 | 257 | 243 | 208 | | | | |
| QKZ70-3D-C40-211L | 70 | 330 | 260 | 246 | 211 | | | | |
| QKZ71-3D-C40-214L | 71 | 333 | 263 | 249 | 214 | | | | |
| QKZ72-3D-C40-217L | 72 | 336 | 266 | 252 | 217 | | | | |
| QKZ73-3D-C40-220L | 73 | 339 | 269 | 255 | 220 | | | | |
| QKZ74-3D-C40-223L | 74 | 342 | 272 | 258 | 223 | | | | |
| QKZ75-3D-C40-226L | 75 | 345 | 275 | 261 | 226 | | | | |
| QKZ76-3D-C40-229L | 76 | 348 | 278 | 264 | 229 | | | | |
| QKZ77-3D-C40-232L | 77 | 351 | 281 | 267 | 232 | | | | |
| QKZ78-3D-C40-235L | 78 | 354 | 284 | 270 | 235 | | | | |
| QKZ79-3D-C40-238L | 79 | 357 | 287 | 273 | 238 | | | | |
| QKZ80-3D-C40-241L | 80 | 360 | 290 | 276 | 241 | | | | |
| QKZ81-3D-C40-244L | 81 | 363 | 293 | 279 | 244 | | | | |
| QKZ82-3D-C40-247L | 82 | 366 | 296 | 282 | 247 | | | | |
| QKZ83-3D-C40-250L | 83 | 369 | 299 | 285 | 250 | | | | |
| QKZ84-3D-C40-253L | 84 | 372 | 302 | 288 | 253 | | | | |
| QKZ85-3D-C40-256L | 85 | 375 | 305 | 291 | 256 | | | | |
| | | | | | 40 | WCMT 08 04 12 | M4.0x10 | T15 | |
| QKZ62-3D-C40-187L | 62 | 306 | 236 | 222 | | | | | 187 |
| QKZ63-3D-C40-190L | 63 | 309 | 239 | 225 | | | | | 190 |
| QKZ64-3D-C40-193L | 64 | 312 | 242 | 228 | | | | | 193 |
| QKZ65-3D-C40-196L | 65 | 315 | 245 | 231 | | | | | 196 |
| QKZ66-3D-C40-199L | 66 | 318 | 248 | 234 | | | | | 199 |
| QKZ67-3D-C40-202L | 67 | 321 | 251 | 237 | | | | | 202 |
| QKZ68-3D-C40-205L | 68 | 324 | 254 | 240 | | | | | 205 |
| QKZ69-3D-C40-208L | 69 | 327 | 257 | 243 | | | | | 208 |
| QKZ70-3D-C40-211L | 70 | 330 | 260 | 246 | | | | | 211 |
| QKZ71-3D-C40-214L | 71 | 333 | 263 | 249 | | | | | 214 |
| QKZ72-3D-C40-217L | 72 | 336 | 266 | 252 | | | | | 217 |
| QKZ73-3D-C40-220L | 73 | 339 | 269 | 255 | | | | | 220 |
| QKZ74-3D-C40-223L | 74 | 342 | 272 | 258 | | | | | 223 |
| QKZ75-3D-C40-226L | 75 | 345 | 275 | 261 | | | | | 226 |
| QKZ76-3D-C40-229L | 76 | 348 | 278 | 264 | | | | | 229 |
| QKZ77-3D-C40-232L | 77 | 351 | 281 | 267 | | | | | 232 |
| QKZ78-3D-C40-235L | 78 | 354 | 284 | 270 | | | | | 235 |
| QKZ79-3D-C40-238L | 79 | 357 | 287 | 273 | | | | | 238 |
| QKZ80-3D-C40-241L | 80 | 360 | 290 | 276 | | | | | 241 |
| QKZ81-3D-C40-244L | 81 | 363 | 293 | 279 | 244 | | | | |
| QKZ82-3D-C40-247L | 82 | 366 | 296 | 282 | 247 | | | | |
| QKZ83-3D-C40-250L | 83 | 369 | 299 | 285 | 250 | | | | |
| QKZ84-3D-C40-253L | 84 | 372 | 302 | 288 | 253 | | | | |
| QKZ85-3D-C40-256L | 85 | 375 | 305 | 291 | 256 | | | | |
| | | | | | 40 | WCMT 06 T3 08 | M3.5x8 | T15 | |
| QKZ62-3D-C40-187L | 62 | 306 | 236 | 222 | | | | | 187 |
| QKZ63-3D-C40-190L | 63 | 309 | 239 | 225 | | | | | 190 |
| QKZ64-3D-C40-193L | 64 | 312 | 242 | 228 | | | | | 193 |
| QKZ65-3D-C40-196L | 65 | 315 | 245 | 231 | | | | | 196 |
| QKZ66-3D-C40-199L | 66 | 318 | 248 | 234 | | | | | 199 |
| QKZ67-3D-C40-202L | 67 | 321 | 251 | 237 | | | | | 202 |
| QKZ68-3D-C40-205L | 68 | 324 | 254 | 240 | | | | | 205 |
| QKZ69-3D-C40-208L | 69 | 327 | 257 | 243 | | | | | 208 |
| QKZ70-3D-C40-211L | 70 | 330 | 260 | 246 | | | | | 211 |
| QKZ71-3D-C40-214L | 71 | 333 | 263 | 249 | | | | | 214 |
| QKZ72-3D-C40-217L | 72 | 336 | 266 | 252 | | | | | 217 |
| QKZ73-3D-C40-220L | 73 | 339 | 269 | 255 | | | | | 220 |
| QKZ74-3D-C40-223L | 74 | 342 | 272 | 258 | | | | | 223 |
| QKZ75-3D-C40-226L | 75 | 345 | 275 | 261 | | | | | 226 |
| QKZ76-3D-C40-229L | 76 | 348 | 278 | 264 | | | | | 229 |
| QKZ77-3D-C40-232L | 77 | 351 | 281 | 267 | | | | | 232 |
| QKZ78-3D-C40-235L | 78 | 354 | 284 | 270 | | | | | 235 |
| QKZ79-3D-C40-238L | 79 | 357 | 287 | 273 | | | | | 238 |
| QKZ80-3D-C40-241L | 80 | 360 | 290 | 276 | | | | | 241 |
| QKZ81-3D-C40-244L | 81 | 363 | 293 | 279 | 244 | | | | |
| QKZ82-3D-C40-247L | 82 | 366 | 296 | 282 | 247 | | | | |
| QKZ83-3D-C40-250L | 83 | 369 | 299 | 285 | 250 | | | | |
| QKZ84-3D-C40-253L | 84 | 372 | 302 | 288 | 253 | | | | |
| QKZ85-3D-C40-256L | 85 | 375 | 305 | 291 | 256 | | | | |

舍弃式快速钻头 X4D

WC型

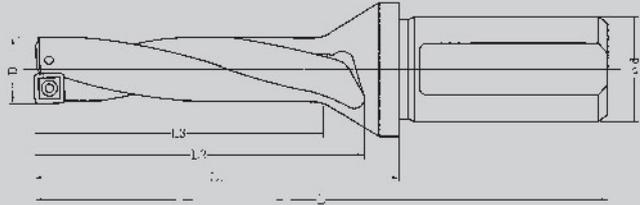


| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|---------------------|------|----------|-------|-------|-----|----|------------------|--------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ17-4D-C25-69L | 17 | 149 | 94 | 84 | 69 | 25 | WCMX 03 02 08 | M2.5x5 | T8 |
| QKZ17.5-4D-C25-71L | 17.5 | 151 | 96 | 86 | 71 | | | | |
| QKZ18-4D-C25-73L | 18 | 153 | 98 | 88 | 73 | | | | |
| QKZ18.5-4D-C25-75L | 18.5 | 155 | 100 | 90 | 75 | | | | |
| QKZ19-4D-C25-77L | 19 | 157 | 102 | 92 | 77 | | | | |
| QKZ19.5-4D-C25-79L | 19.5 | 159 | 104 | 94 | 79 | | | | |
| QKZ20-4D-C25-81L | 20 | 161 | 106 | 96 | 81 | | | | |
| QKZ20.5-4D-C25-86L | 20.5 | 163 | 108 | 98 | 83 | | | | |
| QKZ21-4D-C25-85L | 21 | 165 | 110 | 100 | 85 | | | | |
| QKZ21.5-4D-C25-87L | 21.5 | 167 | 112 | 102 | 87 | | | | |
| QKZ22-4D-C25-89L | 22 | 169 | 114 | 104 | 89 | | | | |
| QKZ22.5-4D-C25-91L | 22.5 | 171 | 116 | 106 | 91 | | | | |
| QKZ23-4D-C25-93L | 23 | 175 | 120 | 110 | 93 | | | | |
| QKZ23.5-4D-C25-95L | 23.5 | 177 | 122 | 112 | 95 | | | | |
| QKZ24-4D-C25-97L | 24 | 178 | 123 | 113 | 97 | | | | |
| QKZ24.5-4D-C25-99L | 24.5 | 180 | 125 | 115 | 99 | | | | |
| QKZ25-4D-C32-101L | 25 | 191 | 131 | 121 | 101 | 32 | WCMT 05 03 08 | M3.0x7 | T10 |
| QKZ25.5-4D-C32-103L | 25.5 | 193 | 133 | 123 | 103 | | | | |
| QKZ26-4D-C32-105L | 26 | 195 | 135 | 125 | 105 | | | | |
| QKZ26.5-4D-C32-107L | 26.5 | 197 | 137 | 127 | 107 | | | | |
| QKZ27-4D-C32-109L | 27 | 199 | 139 | 129 | 109 | | | | |
| QKZ27.5-4D-C32-114L | 27.5 | 201 | 141 | 131 | 111 | | | | |
| QKZ28-4D-C32-116L | 28 | 203 | 143 | 133 | 113 | | | | |
| QKZ28.5-4D-C32-118L | 28.5 | 205 | 145 | 135 | 115 | | | | |
| QKZ29-4D-C32-117L | 29 | 207 | 147 | 137 | 117 | | | | |
| QKZ29.5-4D-C32-119L | 29.5 | 209 | 149 | 139 | 119 | | | | |
| QKZ30-4D-C40-124L | 30 | 228 | 168 | 156 | 121 | 40 | WCMT 06 T3 08 | M3.5x8 | T15 |
| QKZ30.5-4D-C40-126L | 30.5 | 229.5 | 169.5 | 157.5 | 123 | | | | |
| QKZ31-4D-C40-125L | 31 | 231 | 161 | 149 | 125 | | | | |
| QKZ31.5-4D-C40-127L | 31.5 | 233 | 163 | 151 | 127 | | | | |
| QKZ32-4D-C40-129L | 32 | 235 | 165 | 153 | 129 | | | | |
| QKZ32.5-4D-C40-134L | 32.5 | 237 | 167 | 155 | 131 | | | | |
| QKZ33-4D-C40-133L | 33 | 240 | 170 | 158 | 133 | | | | |
| QKZ33.5-4D-C40-135L | 33.5 | 242 | 172 | 160 | 135 | | | | |
| QKZ34-4D-C40-137L | 34 | 244 | 174 | 162 | 137 | | | | |
| QKZ34.5-4D-C40-139L | 34.5 | 246 | 176 | 164 | 139 | | | | |
| QKZ35-4D-C40-141L | 35 | 247 | 177 | 165 | 141 | | | | |
| QKZ35.5-4D-C40-143L | 35.5 | 249 | 179 | 165 | 143 | | | | |
| QKZ36-4D-C40-145L | 36 | 251 | 181 | 167 | 145 | | | | |
| QKZ36.5-4D-C40-147L | 36.5 | 253 | 183 | 169 | 147 | | | | |

| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|---------------------|------|----------|-----|-----|-----|----|------------------|---------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ37-4D-C40-149L | 37 | 255 | 185 | 171 | 149 | 40 | WCMT 06 T3 08 | M3.5x8 | T15 |
| QKZ37.5-4D-C40-151L | 37.5 | 257 | 187 | 173 | 151 | | | | |
| QKZ38-4D-C40-153L | 38 | 258 | 188 | 174 | 153 | | | | |
| QKZ38.5-4D-C40-155L | 38.5 | 260 | 190 | 176 | 155 | | | | |
| QKZ39-4D-C40-157L | 39 | 262 | 192 | 178 | 157 | | | | |
| QKZ39.5-4D-C40-159L | 39.5 | 264 | 194 | 180 | 159 | | | | |
| QKZ40-4D-C40-161L | 40 | 266 | 196 | 182 | 161 | | | | |
| QKZ40.5-4D-C40-163L | 40.5 | 268 | 198 | 184 | 163 | | | | |
| QKZ41-4D-C40-165L | 41 | 270 | 200 | 186 | 165 | | | | |
| QKZ41.5-4D-C40-167L | 41.5 | 272 | 202 | 188 | 167 | | | | |
| QKZ42-4D-C40-169L | 42 | 271 | 201 | 187 | 169 | | | | |
| QKZ43-4D-C40-173L | 43 | 290 | 220 | 206 | 173 | | | | |
| QKZ44-4D-C40-177L | 44 | 294 | 224 | 210 | 177 | | | | |
| QKZ45-4D-C40-181L | 45 | 298 | 228 | 214 | 181 | | | | |
| QKZ46-4D-C40-185L | 46 | 302 | 232 | 218 | 185 | | | | |
| QKZ47-4D-C40-189L | 47 | 306 | 236 | 222 | 189 | | | | |
| QKZ48-4D-C40-193L | 48 | 310 | 240 | 226 | 193 | | | | |
| QKZ49-4D-C40-197L | 49 | 314 | 244 | 230 | 197 | | | | |
| QKZ50-4D-C40-201L | 50 | 318 | 248 | 234 | 201 | | | | |
| QKZ51-4D-C40-205L | 51 | 324 | 254 | 240 | 205 | | | | |
| QKZ52-3D-C40-209L | 52 | 328 | 258 | 244 | 209 | | | | |
| QKZ53-3D-C40-213L | 53 | 332 | 262 | 248 | 213 | | | | |
| QKZ54-4D-C40-217L | 54 | 336 | 266 | 252 | 217 | | | | |
| QKZ55-4D-C40-221L | 55 | 340 | 270 | 256 | 221 | | | | |
| QKZ56-4D-C40-225L | 56 | 344 | 274 | 260 | 225 | | | | |
| QKZ57-4D-C40-229L | 57 | 348 | 278 | 264 | 229 | | | | |
| QKZ58-4D-C40-233L | 58 | 352 | 282 | 268 | 233 | | | | |
| QKZ59-4D-C40-237L | 59 | 356 | 286 | 272 | 237 | | | | |
| QKZ60-4D-C40-241L | 60 | 360 | 290 | 276 | 241 | | | | |
| QKZ61-4D-C40-245L | 61 | 364 | 294 | 280 | 245 | | | | |
| QKZ62-4D-C40-249L | 62 | 368 | 298 | 284 | 249 | | | | |
| QKZ63-4D-C40-253L | 63 | 372 | 302 | 288 | 253 | | | | |
| QKZ64-4D-C40-257L | 64 | 376 | 306 | 292 | 257 | | | | |
| QKZ65-4D-C40-261L | 65 | 380 | 310 | 296 | 261 | | | | |
| QKZ66-4D-C40-265L | 66 | 384 | 314 | 300 | 265 | | | | |
| QKZ67-4D-C40-269L | 67 | 388 | 318 | 304 | 269 | | | | |
| QKZ68-4D-C40-273L | 68 | 392 | 322 | 308 | 273 | | | | |
| QKZ69-4D-C40-277L | 69 | 396 | 326 | 312 | 277 | | | | |
| QKZ70-4D-C40-281L | 70 | 400 | 330 | 316 | 281 | | | | |
| QKZ71-4D-C40-285L | 71 | 404 | 334 | 320 | 285 | | | | |
| QKZ72-4D-C40-289L | 72 | 408 | 338 | 324 | 289 | | | | |
| QKZ73-4D-C40-293L | 73 | 412 | 342 | 328 | 293 | | | | |
| QKZ74-4D-C40-297L | 74 | 416 | 346 | 332 | 297 | | | | |
| QKZ75-4D-C40-301L | 75 | 420 | 350 | 336 | 301 | | | | |
| QKZ76-4D-C40-305L | 76 | 424 | 354 | 340 | 305 | | | | |
| QKZ77-4D-C40-309L | 77 | 428 | 358 | 344 | 309 | | | | |
| QKZ78-4D-C40-313L | 78 | 432 | 362 | 348 | 313 | | | | |
| QKZ79-4D-C40-317L | 79 | 436 | 366 | 352 | 317 | | | | |
| QKZ80-4D-C40-321L | 80 | 440 | 370 | 356 | 321 | | | | |
| QKZ81-4D-C40-325L | 81 | 444 | 374 | 360 | 325 | | | | |
| QKZ82-4D-C40-329L | 82 | 448 | 378 | 364 | 329 | | | | |
| QKZ83-4D-C40-333L | 83 | 452 | 382 | 368 | 333 | | | | |
| QKZ84-4D-C40-337L | 84 | 456 | 386 | 372 | 337 | | | | |
| QKZ85-4D-C40-341L | 85 | 460 | 390 | 376 | 341 | | | | |
| | | | | | | 40 | WCMT 08 04 12 | M4.0x10 | T15 |
| | | | | | | 40 | WCMT 06 T3 08 | M3.5x8 | T15 |

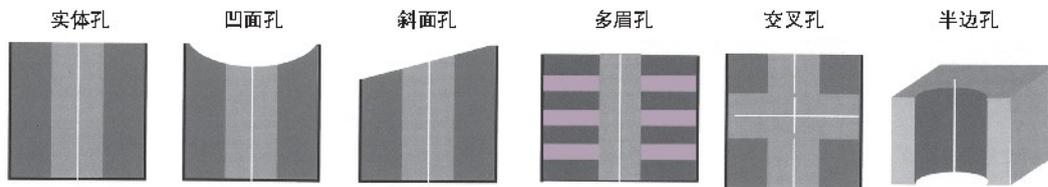
舍弃式快速钻头 X3D

SP型



| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|-----------------------|------|----------|-------|-------|-------|----|---------------------|----------|----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ17-3D-C25-52L | 17 | 132 | 77 | 67 | 52 | 25 | SPMG 06 02 04 DG | M2.2x5.5 | T7 |
| QKZ17.5-3D-C25-53.5L | 17.5 | 133.5 | 78.5 | 68.5 | 53.5 | | | | |
| QKZ18-3D-C25-55L | 18 | 135 | 80 | 70 | 55 | | | | |
| QKZ18.5-3D-C25-56.5L | 18.5 | 136.5 | 81.5 | 71.5 | 56.5 | | | | |
| QKZ19-3D-C25-58L | 19 | 138 | 83 | 73 | 58 | | | | |
| QKZ19.5-3D-C25-59.5L | 19.5 | 139.5 | 84.5 | 74.5 | 59.5 | | | | |
| QKZ20-3D-C25-61L | 20 | 141 | 86 | 76 | 61 | | | | |
| QKZ20.5-3D-C25-62.5L | 20.5 | 142.5 | 87.5 | 77.5 | 62.5 | | | | |
| QKZ21-3D-C25-64L | 21 | 144 | 89 | 79 | 64 | | | | |
| QKZ21.5-3D-C25-65.5L | 21.5 | 145.5 | 90.5 | 80.5 | 65.5 | | | | |
| QKZ22-3D-C25-67L | 22 | 147 | 92 | 82 | 67 | | | | |
| QKZ22.5-3D-C25-68.5L | 22.5 | 148.5 | 93.5 | 83.5 | 68.5 | | | | |
| QKZ23-3D-C25-70L | 23 | 152 | 97 | 87 | 70 | | | | |
| QKZ23.5-3D-C25-71.5L | 23.5 | 153.5 | 98.5 | 88.5 | 71.5 | | | | |
| QKZ24-3D-C25-73L | 24 | 154 | 99 | 89 | 73 | | | | |
| QKZ24.5-3D-C25-74.5L | 24.5 | 155.5 | 100.5 | 90.5 | 74.5 | | | | |
| QKZ25-3D-C32-76L | 25 | 166 | 106 | 96 | 76 | | | | |
| QKZ25.5-3D-C32-77.5L | 25.5 | 167.5 | 107.5 | 97.5 | 77.5 | | | | |
| QKZ26-3D-C32-79L | 26 | 169 | 109 | 99 | 79 | | | | |
| QKZ26.5-3D-C32-80.5L | 26.5 | 170.5 | 110.5 | 100.5 | 80.5 | | | | |
| QKZ27-3D-C32-82L | 27 | 172 | 112 | 102 | 82 | | | | |
| QKZ27.5-3D-C32-83.5L | 27.5 | 173.5 | 113.5 | 103.5 | 83.5 | | | | |
| QKZ28-3D-C32-85L | 28 | 175 | 115 | 105 | 85 | | | | |
| QKZ28.5-3D-C32-86.5L | 28.5 | 176.5 | 116.5 | 106.5 | 86.5 | | | | |
| QKZ29-3D-C32-88L | 29 | 178 | 118 | 108 | 88 | | | | |
| QKZ29.5-3D-C32-89.5L | 29.5 | 179.5 | 119.5 | 109.5 | 89.5 | | | | |
| QKZ30-3D-C40-91L | 30 | 198 | 138 | 126 | 91 | | | | |
| QKZ30.5-3D-C40-92.5L | 30.5 | 199 | 139 | 127 | 92.5 | | | | |
| QKZ31-3D-C40-94L | 31 | 200 | 130 | 118 | 94 | | | | |
| QKZ31.5-3D-C40-95.5L | 31.5 | 201.5 | 131.5 | 119.5 | 95.5 | | | | |
| QKZ32-3D-C40-97L | 32 | 203 | 133 | 121 | 97 | | | | |
| QKZ32.5-3D-C40-98.5L | 32.5 | 204.5 | 134.5 | 122.5 | 98.5 | | | | |
| QKZ33-3D-C40-100L | 33 | 207 | 137 | 125 | 100 | | | | |
| QKZ33.5-3D-C40-101.5L | 33.5 | 208.5 | 138.5 | 126.5 | 101.5 | | | | |
| QKZ34-3D-C40-103L | 34 | 210 | 140 | 128 | 103 | | | | |
| QKZ34.5-3D-C40-104.5L | 34.5 | 211.5 | 141.5 | 129.5 | 104.5 | | | | |
| QKZ35-3D-C40-106L | 35 | 212 | 142 | 130 | 106 | | | | |
| QKZ35.5-3D-C40-107.5L | 35.5 | 213.5 | 143.5 | 129.5 | 107.5 | | | | |
| QKZ36-3D-C40-109L | 36 | 215 | 145 | 131 | 109 | | | | |
| QKZ36.5-3D-C40-110.5L | 36.5 | 216.5 | 146.5 | 132.5 | 110.5 | | | | |
| QKZ37-3D-C40-112L | 37 | 218 | 148 | 134 | 112 | | | | |
| QKZ37.5-3D-C40-113.5L | 37.5 | 219.5 | 149.5 | 135.5 | 113.5 | | | | |
| QKZ38-3D-C40-115L | 38 | 220 | 150 | 136 | 115 | | | | |
| QKZ38.5-3D-C40-116.5L | 38.5 | 221.5 | 151.5 | 137.5 | 116.5 | | | | |
| QKZ39-3D-C40-118L | 39 | 223 | 153 | 139 | 118 | | | | |
| QKZ39.5-3D-C40-119.5L | 39.5 | 224.5 | 154.5 | 140.5 | 119.5 | | | | |
| QKZ40-3D-C40-121L | 40 | 226 | 156 | 142 | 121 | | | | |
| QKZ40.5-3D-C40-122.5L | 40.5 | 227.5 | 157.5 | 143.5 | 122.5 | | | | |

- 独特刀位设计，使切削更省力
- 适合各种材料加工



| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|-----------------------|------|----------|-------|-------|-------|----|---------------------|---------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ41-3D-C40-124L | 41 | 229 | 159 | 145 | 124 | 40 | SPMG 14 05 12 DG | M5.0x11 | T20 |
| QKZ41.5-3D-C40-125.5L | 41.5 | 230.5 | 160.5 | 146.5 | 125.5 | | | | |
| QKZ42-3D-C40-127L | 42 | 229 | 159 | 145 | 127 | | | | |
| QKZ43-3D-C40-130L | 43 | 247 | 177 | 163 | 130 | | | | |
| QKZ44-3D-C40-133L | 44 | 250 | 180 | 166 | 133 | | | | |
| QKZ45-3D-C40-136L | 45 | 253 | 183 | 169 | 136 | | | | |
| QKZ46-3D-C40-139L | 46 | 256 | 186 | 172 | 139 | | | | |
| QKZ47-3D-C40-142L | 47 | 259 | 189 | 175 | 142 | | | | |
| QKZ48-3D-C40-145L | 48 | 262 | 192 | 178 | 145 | | | | |
| QKZ49-3D-C40-148L | 49 | 265 | 195 | 181 | 148 | | | | |
| QKZ50-3D-C40-151L | 50 | 268 | 198 | 184 | 151 | | | | |

车削加工用技术信息

钻头安装和检查

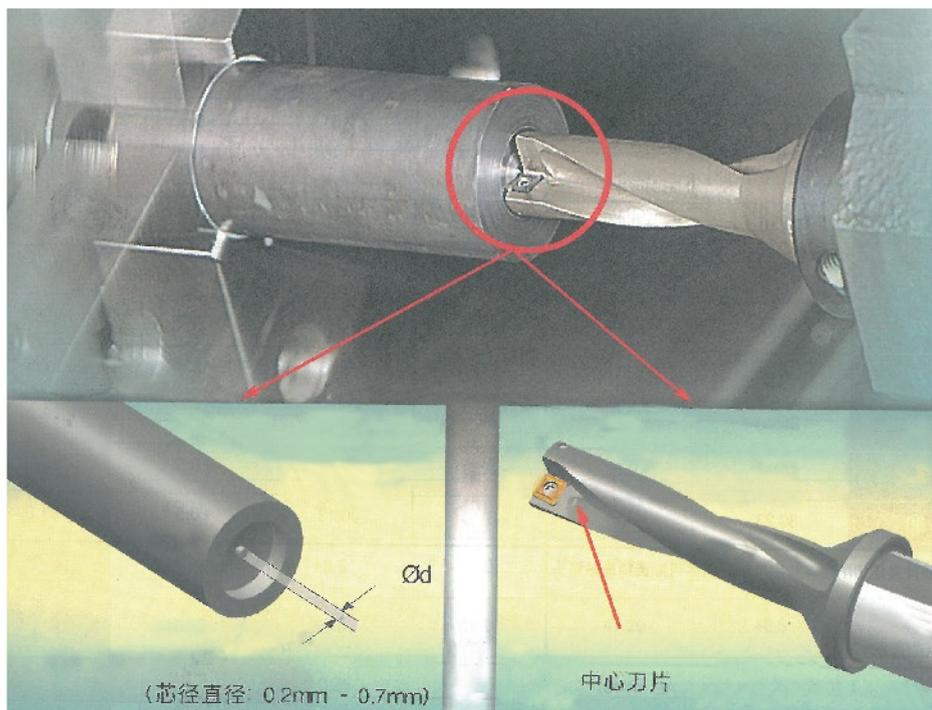
首孔加工--钻至3mm-6mm深退刀检查，检查芯径范围应在0.2mm-0.7mm

如果未产生芯径：

- 钻削会产生崩刀或震动
- 请翻转钻头180度，再適切

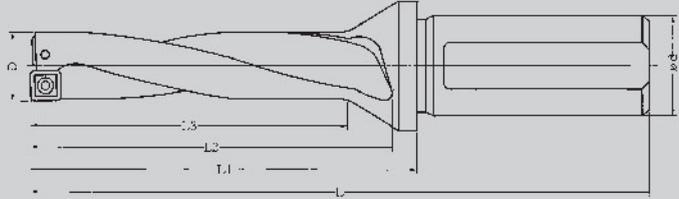
如果芯径尺寸超过推荐值：

- 请调整偏移量至芯径达合格尺寸
- 如果不然，钻削时会引起过载和震动



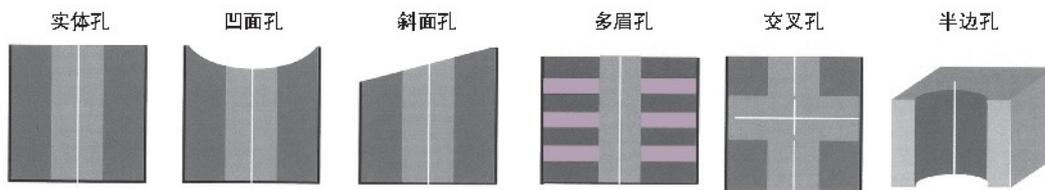
舍弃式快速钻头 X4D

SP型



| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|---------------------|------|----------|-------|-------|-----|---------------------|---------------------|----------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ17-4D-C25-69L | 17 | 149 | 94 | 84 | 69 | 25 | SPMG 06 02 04 DG | M2.2x5.5 | T7 |
| QKZ17.5-4D-C25-71L | 17.5 | 151 | 96 | 86 | 71 | | | | |
| QKZ18-4D-C25-73L | 18 | 153 | 98 | 88 | 73 | | | | |
| QKZ18.5-4D-C25-75L | 18.5 | 155 | 100 | 90 | 75 | | | | |
| QKZ19-4D-C25-77L | 19 | 157 | 102 | 92 | 77 | | | | |
| QKZ19.5-4D-C25-79L | 19.5 | 159 | 104 | 94 | 79 | | | | |
| QKZ20-4D-C25-81L | 20 | 161 | 106 | 96 | 81 | | | | |
| QKZ20.5-4D-C25-83L | 20.5 | 163 | 108 | 98 | 83 | | | | |
| QKZ21-4D-C25-85L | 21 | 165 | 110 | 100 | 85 | | | | |
| QKZ21.5-4D-C25-87L | 21.5 | 167 | 112 | 102 | 87 | | | | |
| QKZ22-4D-C25-89L | 22 | 169 | 114 | 104 | 89 | 32 | SPMG 07 T3 08 DG | M2.5x8 | T8 |
| QKZ22.5-4D-C25-91L | 22.5 | 171 | 116 | 106 | 91 | | | | |
| QKZ23-4D-C25-93L | 23 | 175 | 120 | 110 | 93 | | | | |
| QKZ23.5-4D-C25-95L | 23.5 | 177 | 122 | 112 | 95 | | | | |
| QKZ24-4D-C25-97L | 24 | 178 | 123 | 113 | 97 | | | | |
| QKZ24.5-4D-C25-99L | 24.5 | 180 | 125 | 115 | 99 | | | | |
| QKZ25-4D-C32-101L | 25 | 191 | 131 | 121 | 101 | | | | |
| QKZ25.5-4D-C32-103L | 25.5 | 193 | 133 | 123 | 103 | | | | |
| QKZ26-4D-C32-105L | 26 | 195 | 135 | 125 | 105 | | | | |
| QKZ26.5-4D-C32-107L | 26.5 | 197 | 137 | 127 | 107 | | | | |
| QKZ27-4D-C32-109L | 27 | 199 | 139 | 129 | 109 | 40 | SPMG 09 04 08 DG | M3.5x9 | T15 |
| QKZ27.5-4D-C32-111L | 27.5 | 201 | 141 | 131 | 111 | | | | |
| QKZ28-4D-C32-113L | 28 | 203 | 143 | 133 | 113 | | | | |
| QKZ28.5-4D-C32-115L | 28.5 | 205 | 145 | 135 | 115 | | | | |
| QKZ29-4D-C32-117L | 29 | 207 | 147 | 137 | 117 | | | | |
| QKZ29.5-4D-C32-119L | 29.5 | 209 | 149 | 139 | 119 | | | | |
| QKZ30-4D-C40-121L | 30 | 228 | 168 | 156 | 121 | | | | |
| QKZ30.5-4D-C40-123L | 30.5 | 229.5 | 169.5 | 157.5 | 123 | | | | |
| QKZ31-4D-C40-125L | 31 | 231 | 161 | 149 | 125 | | | | |
| QKZ31.5-4D-C40-127L | 31.5 | 233 | 163 | 151 | 127 | | | | |
| QKZ32-4D-C40-129L | 32 | 235 | 165 | 153 | 129 | SPMG 11 04 08 DG | M4x10 | T15 | |
| QKZ32.5-4D-C40-131L | 32.5 | 237 | 167 | 155 | 131 | | | | |
| QKZ33-4D-C40-133L | 33 | 240 | 170 | 158 | 133 | | | | |
| QKZ33.5-4D-C40-135L | 33.5 | 242 | 172 | 160 | 135 | | | | |
| QKZ34-4D-C40-137L | 34 | 244 | 174 | 162 | 137 | | | | |
| QKZ34.5-4D-C40-139L | 34.5 | 246 | 176 | 164 | 139 | | | | |
| QKZ35-4D-C40-141L | 35 | 247 | 177 | 165 | 141 | | | | |
| QKZ35.5-4D-C40-143L | 35.5 | 249 | 179 | 165 | 143 | | | | |
| QKZ36-4D-C40-145L | 36 | 251 | 181 | 167 | 145 | | | | |
| QKZ36.5-4D-C40-147L | 36.5 | 253 | 183 | 169 | 147 | | | | |
| QKZ37-4D-C40-149L | 37 | 255 | 185 | 171 | 149 | | | | |
| QKZ37.5-4D-C40-151L | 37.5 | 257 | 187 | 173 | 151 | | | | |
| QKZ38-4D-C40-153L | 38 | 258 | 188 | 174 | 153 | | | | |
| QKZ38.5-4D-C40-155L | 38.5 | 260 | 190 | 176 | 155 | | | | |
| QKZ39-4D-C40-157L | 39 | 262 | 192 | 178 | 157 | | | | |
| QKZ39.5-4D-C40-159L | 39.5 | 264 | 194 | 180 | 159 | | | | |
| QKZ40-4D-C40-161L | 40 | 266 | 196 | 182 | 161 | | | | |

- 独特刀位设计，使切削更省力
- 适合各种材料加工



| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|---------------------|------|----------|-----|-----|-----|----|---------------------|---------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ40.5-4D-C40-163L | 40.5 | 268 | 198 | 184 | 163 | 40 | SPMG 14 05 12 DG | M5.0x11 | T20 |
| QKZ41-4D-C40-165L | 41 | 270 | 200 | 186 | 165 | | | | |
| QKZ41.5-4D-C40-167L | 41.5 | 272 | 202 | 188 | 167 | | | | |
| QKZ42-4D-C40-169L | 42 | 271 | 201 | 187 | 169 | | | | |
| QKZ43-4D-C40-173L | 43 | 290 | 220 | 206 | 173 | | | | |
| QKZ44-4D-C40-177L | 44 | 294 | 224 | 210 | 177 | | | | |
| QKZ45-4D-C40-181L | 45 | 298 | 228 | 214 | 181 | | | | |
| QKZ46-4D-C40-185L | 46 | 302 | 232 | 218 | 185 | | | | |
| QKZ47-4D-C40-189L | 47 | 306 | 236 | 222 | 189 | | | | |
| QKZ48-4D-C40-193L | 48 | 310 | 240 | 226 | 193 | | | | |
| QKZ49-4D-C40-197L | 49 | 314 | 244 | 230 | 197 | | | | |
| QKZ50-4D-C40-201L | 50 | 318 | 248 | 234 | 201 | | | | |

浅孔钻切削全过程



钻入时



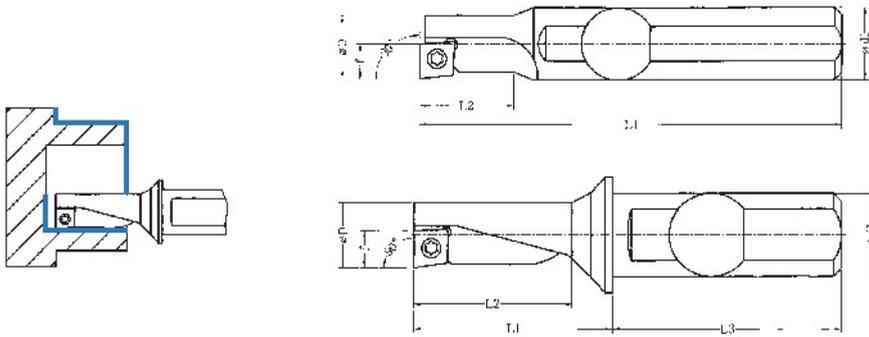
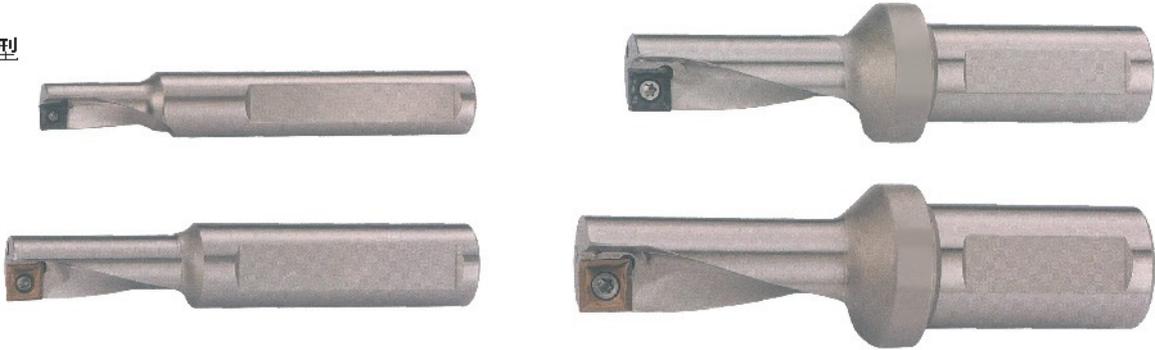
钻入一半时



钻出时

切削钻

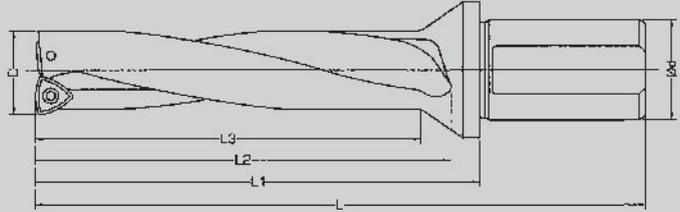
XC型



| 型号 | ΦD | Φd | L1 | L2 | 刀片型号 | 螺丝 | 扳手 |
|-------------|----------|----------|-----|------|-------------|---------|-----|
| SF-8R-2D | 8 | 20 | 86 | 16 | XCMT 040104 | M2.0x4 | T6 |
| SF-8R-2.5D | 8 | 20 | 90 | 20 | XCMT 040104 | M2.0x4 | T6 |
| SF-10R-2D | 10 | 20 | 90 | 20 | XCMT 050204 | M2.0x5 | T6 |
| SF-10R-2.5D | 10 | 20 | 100 | 25 | XCMT 050204 | M2.0x5 | T6 |
| SF-12R-2D | 12 | 20 | 107 | 24 | XCMT 060204 | M2.2x5 | T7 |
| SF-12R-2.5D | 12 | 20 | 113 | 30 | XCMT 060204 | M2.2x5 | T7 |
| SF-14R-2D | 14 | 20 | 101 | 28 | XCMT 070304 | M2.5x7 | T7 |
| SF-14R-2.5D | 14 | 20 | 108 | 35 | XCMT 070304 | M2.5x7 | T7 |
| SF-16R-2D | 16 | 20 | 105 | 32 | XCMT 080304 | M3.0x7 | T9 |
| SF-16R-2.5D | 16 | 20 | 113 | 40 | XCMT 080304 | M3.0x7 | T9 |
| SF-18R-2D | 18 | 20 | 109 | 36 | XCMT 09T304 | M3.0x7 | T9 |
| SF-18R-2.5D | 18 | 20 | 118 | 45 | XCMT 09T304 | M3.0x7 | T9 |
| SF-20R-2D | 20 | 25 | 113 | 40 | XCMT 10T304 | M3.5x8 | T15 |
| SF-20R-2.5D | 20 | 25 | 123 | 50 | XCMT 10T304 | M3.5x8 | T15 |
| SF-25R-2D | 25 | 32 | 123 | 50 | XCMT 130404 | M5.0x10 | T20 |
| SF-25R-2.5D | 25 | 32 | 130 | 62.5 | XCMT 130404 | M5.0x10 | T20 |
| SF-32R-2D | 32 | 32 | 137 | 64 | XCMT 170504 | M5.0x12 | T20 |
| SF-32R-2.5D | 32 | 32 | 153 | 82 | XCMT 170504 | M5.0x12 | T20 |

舍弃式快速钻头 X5D

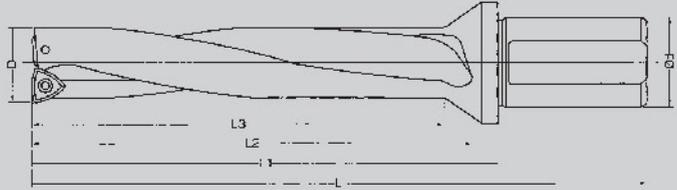
WC型



| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|-------------------|----|----------|-----|-----|-----|----|------------------|--------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ18-5D-C32-91L | 18 | 183 | 128 | 118 | 91 | 32 | WCMX 03 02 08 | M2.5x5 | T8 |
| QKZ19-5D-C32-96L | 19 | 188 | 133 | 123 | 96 | | | | |
| QKZ20-5D-C32-101L | 20 | 192 | 137 | 127 | 101 | | | | |
| QKZ21-5D-C32-106L | 21 | 197 | 142 | 132 | 106 | | | | |
| QKZ22-5D-C32-111L | 22 | 202 | 147 | 137 | 111 | | | | |
| QKZ23-5D-C32-116L | 23 | 208 | 153 | 143 | 116 | | | | |
| QKZ24-5D-C32-121L | 24 | 212 | 157 | 147 | 121 | | | | |
| QKZ25-5D-C32-126L | 25 | 216 | 156 | 146 | 126 | | | | |
| QKZ26-5D-C32-131L | 26 | 221 | 161 | 151 | 131 | | | | |
| QKZ27-5D-C32-136L | 27 | 226 | 166 | 156 | 136 | | | | |
| QKZ28-5D-C32-141L | 28 | 231 | 171 | 161 | 141 | | | | |
| QKZ29-5D-C32-146L | 29 | 236 | 176 | 166 | 146 | | | | |
| QKZ30-5D-C40-151L | 30 | 258 | 198 | 186 | 151 | 40 | WCMT 06 T3 08 | M3.5x8 | T15 |
| QKZ31-5D-C40-156L | 31 | 262 | 192 | 180 | 156 | | | | |
| QKZ32-5D-C40-162L | 32 | 267 | 197 | 185 | 161 | | | | |
| QKZ33-5D-C40-166L | 33 | 273 | 203 | 191 | 166 | | | | |
| QKZ34-5D-C40-171L | 34 | 278 | 208 | 196 | 171 | | | | |
| QKZ35-5D-C40-176L | 35 | 282 | 212 | 200 | 176 | | | | |
| QKZ36-5D-C40-181L | 36 | 287 | 217 | 203 | 181 | | | | |
| QKZ37-5D-C40-186L | 37 | 292 | 222 | 208 | 186 | | | | |
| QKZ38-5D-C40-191L | 38 | 296 | 226 | 212 | 191 | | | | |
| QKZ39-5D-C40-196L | 39 | 301 | 231 | 217 | 196 | | | | |
| QKZ40-5D-C40-201L | 40 | 306 | 236 | 222 | 201 | | | | |
| QKZ41-5D-C40-206L | 41 | 311 | 241 | 227 | 206 | | | | |
| QKZ42-5D-C40-211L | 42 | 313 | 243 | 229 | 211 | | | | |
| QKZ43-5D-C40-216L | 43 | 333 | 263 | 249 | 216 | | | | |
| QKZ44-5D-C40-221L | 44 | 338 | 268 | 254 | 221 | | | | |
| QKZ45-5D-C40-226L | 45 | 343 | 273 | 259 | 226 | | | | |
| QKZ46-5D-C40-231L | 46 | 348 | 278 | 264 | 231 | | | | |
| QKZ47-5D-C40-236L | 47 | 353 | 283 | 269 | 236 | | | | |
| QKZ48-5D-C40-241L | 48 | 358 | 288 | 274 | 241 | | | | |
| QKZ49-5D-C40-246L | 49 | 363 | 293 | 279 | 246 | | | | |
| QKZ50-5D-C40-251L | 50 | 368 | 298 | 284 | 251 | | | | |
| QKZ51-5D-C40-256L | 51 | 375 | 305 | 291 | 256 | | | | |
| QKZ52-5D-C40-261L | 52 | 380 | 310 | 296 | 261 | | | | |
| QKZ53-5D-C40-266L | 53 | 385 | 315 | 301 | 266 | | | | |
| QKZ54-5D-C40-271L | 54 | 390 | 320 | 306 | 271 | | | | |
| QKZ55-5D-C40-276L | 55 | 395 | 325 | 311 | 276 | | | | |
| QKZ56-5D-C40-281L | 56 | 400 | 330 | 316 | 281 | | | | |
| QKZ57-5D-C40-286L | 57 | 405 | 335 | 321 | 286 | | | | |
| QKZ58-5D-C40-291L | 58 | 410 | 340 | 326 | 291 | | | | |
| QKZ59-5D-C40-296L | 59 | 415 | 345 | 331 | 296 | | | | |
| QKZ60-5D-C40-301L | 60 | 420 | 350 | 336 | 301 | | | | |

舍弃式快速钻头 X6D

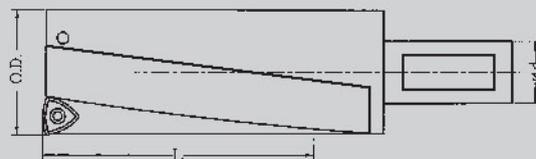
WC型



| 型号 | D | 基本尺寸(mm) | | | | Φd | 刀片型号 | 螺丝 | 扳手 |
|---------------------|-----|----------|------|-----|------|----|------------------|--------|-----|
| | | L | L1 | L2 | L3 | | | | |
| QKZ22-6D-C32-133L | 22 | 224 | 169 | 159 | 133 | 32 | WCMX 04 02 08 | M3.0x7 | T10 |
| QKZ23-6D-C32-139L | 23 | 231 | 176 | 166 | 139 | | | | |
| QKZ24-6D-C32-145L | 24 | 236 | 181 | 171 | 145 | | | | |
| QKZ25-6D-C32-151L | 25 | 216 | 156 | 146 | 151 | | | | |
| QKZ26-6D-C32-157L | 26 | 221 | 161 | 151 | 157 | | | | |
| QKZ27-6D-C32-163L | 27 | 226 | 166 | 156 | 163 | | | | |
| QKZ28-6D-C32-169L | 28 | 231 | 171 | 161 | 169 | | | | |
| QKZ29-6D-C32-175L | 29 | 236 | 176 | 166 | 175 | 40 | WCMT 05 03 08 | M3.0x7 | T10 |
| QKZ30-6D-C40-181L | 30 | 258 | 198 | 186 | 181 | | | | |
| QKZ31-6D-C40-187L | 31 | 262 | 192 | 180 | 187 | | | | |
| QKZ32-6D-C40-193L | 32 | 267 | 197 | 185 | 193 | | | | |
| QKZ33-6D-C40-199L | 33 | 273 | 203 | 191 | 199 | | | | |
| QKZ34-6D-C40-205L | 34 | 278 | 208 | 196 | 205 | | | | |
| QKZ35-6D-C40-211L | 35 | 282 | 212 | 200 | 211 | | | | |
| QKZ36-6D-C40-217L | 36 | 287 | 217 | 203 | 217 | | | | |
| QKZ37-6D-C40-223L | 37 | 292 | 222 | 208 | 223 | | | | |
| QKZ38-6D-C40-229L | 38 | 296 | 226 | 212 | 229 | | | | |
| QKZ39-6D-C40-235L | 39 | 301 | 231 | 217 | 235 | | | | |
| QKZ40-6D-C40-241L | 40 | 306 | 236 | 222 | 241 | | | | |
| QKZ41-6D-C40-247L | 41 | 311 | 241 | 227 | 247 | | | | |
| QKZ42-6D-C40-253L | 42 | 313 | 243 | 229 | 253 | | | | |
| QKZ43-6D-C40-259L | 43 | 333 | 263 | 249 | 259 | | | | |
| QKZ44-6D-C40-265L | 44 | 338 | 268 | 254 | 265 | | | | |
| QKZ45-6D-C40-271L | 45 | 343 | 273 | 259 | 271 | | | | |
| QKZ46-6D-C40-277L | 46 | 348 | 278 | 264 | 277 | | | | |
| QKZ47-6D-C40-283L | 47 | 353 | 283 | 269 | 283 | | | | |
| QKZ48-6D-C40-289L | 48 | 358 | 288 | 274 | 289 | | | | |
| QKZ49-6D-C40-295L | 49 | 363 | 293 | 279 | 295 | | | | |
| QKZ50-6D-C40-301L | 50 | 368 | 298 | 284 | 301 | | | | |
| QKZ51-6D-C40-307L | 51 | 373 | 303 | 289 | 307 | | | | |
| QKZ52-6D-C40-313L | 52 | 378 | 308 | 294 | 313 | | | | |
| QKZ53-6D-C40-319L | 53 | 383 | 313 | 299 | 319 | | | | |
| QKZ54-6D-C40-325L | 54 | 388 | 318 | 304 | 325 | | | | |
| QKZ55-6D-C40-331L | 55 | 393 | 403 | 309 | 331 | | | | |
| QKZ56-6D-C40-337L | 56 | 398 | 408 | 314 | 337 | | | | |
| QKZ57-6D-C40-343L | 57 | 403 | 413 | 319 | 343 | | | | |
| QKZ58-6D-C40-349L | 58 | 408 | 418 | 324 | 349 | | | | |
| QKZ59-6D-C40-355L | 59 | 413 | 423 | 329 | 355 | | | | |
| QKZ60-6D-C40-401L | 60 | 418 | 428 | 334 | 401 | 40 | WCMT 06 T3 08 | M3.5x8 | T15 |
| QKZ61-6D-C40-407L | 61 | 423 | 433 | 339 | 411 | | | | |
| QKZ62-6D-C40-413L | 62 | 428 | 438 | 344 | 417 | | | | |
| QKZ63-6D-C40-419L | 63 | 433 | 443 | 349 | 423 | | | | |
| QKZ64-6D-C40-425L | 64 | 438 | 448 | 354 | 429 | | | | |
| QKZ65-6D-C40-431L | 65 | 443 | 453 | 359 | 435 | | | | |
| QKZ66-6D-C40-437L | 66 | 448 | 458 | 364 | 441 | | | | |
| QKZ67-6D-C40-443L | 67 | 453 | 463 | 369 | 447 | | | | |
| QKZ68-6D-C40-449L | 68 | 458 | 468 | 374 | 453 | | | | |
| QKZ69-6D-C40-455L | 69 | 463 | 473 | 379 | 459 | | | | |
| QKZ70-6D-C40-461L | 70 | 468 | 478 | 384 | 465 | | | | |
| QKZ71-6D-C40-467L | 71 | 473 | 483 | 389 | 471 | | | | |
| QKZ72-6D-C40-473L | 72 | 478 | 488 | 394 | 477 | | | | |
| QKZ73-6D-C40-479L | 73 | 483 | 493 | 399 | 483 | | | | |
| QKZ74-6D-C40-485L | 74 | 488 | 498 | 404 | 489 | | | | |
| QKZ75-6D-C40-491L | 75 | 493 | 503 | 409 | 495 | | | | |
| QKZ76-6D-C40-497L | 76 | 498 | 508 | 414 | 501 | | | | |
| QKZ77-6D-C40-503L | 77 | 503 | 513 | 419 | 507 | | | | |
| QKZ78-6D-C40-509L | 78 | 508 | 518 | 424 | 513 | | | | |
| QKZ79-6D-C40-515L | 79 | 513 | 523 | 429 | 519 | | | | |
| QKZ80-6D-C40-521L | 80 | 518 | 528 | 434 | 525 | | | | |
| QKZ81-6D-C40-527L | 81 | 523 | 533 | 439 | 531 | | | | |
| QKZ82-6D-C40-533L | 82 | 528 | 538 | 444 | 537 | | | | |
| QKZ83-6D-C40-539L | 83 | 533 | 543 | 449 | 543 | | | | |
| QKZ84-6D-C40-545L | 84 | 538 | 548 | 454 | 549 | | | | |
| QKZ85-6D-C40-551L | 85 | 543 | 553 | 459 | 555 | | | | |
| QKZ86-6D-C40-557L | 86 | 548 | 558 | 464 | 561 | | | | |
| QKZ87-6D-C40-563L | 87 | 553 | 563 | 469 | 567 | | | | |
| QKZ88-6D-C40-569L | 88 | 558 | 568 | 474 | 573 | | | | |
| QKZ89-6D-C40-575L | 89 | 563 | 573 | 479 | 579 | | | | |
| QKZ90-6D-C40-581L | 90 | 568 | 581 | 484 | 585 | | | | |
| QKZ91-6D-C40-587L | 91 | 573 | 587 | 489 | 591 | | | | |
| QKZ92-6D-C40-593L | 92 | 578 | 593 | 494 | 597 | | | | |
| QKZ93-6D-C40-599L | 93 | 583 | 599 | 499 | 603 | | | | |
| QKZ94-6D-C40-605L | 94 | 588 | 605 | 504 | 609 | | | | |
| QKZ95-6D-C40-611L | 95 | 593 | 611 | 509 | 615 | | | | |
| QKZ96-6D-C40-617L | 96 | 598 | 617 | 514 | 621 | | | | |
| QKZ97-6D-C40-623L | 97 | 603 | 623 | 519 | 627 | | | | |
| QKZ98-6D-C40-629L | 98 | 608 | 629 | 524 | 633 | | | | |
| QKZ99-6D-C40-635L | 99 | 613 | 635 | 529 | 639 | | | | |
| QKZ100-6D-C40-641L | 100 | 618 | 641 | 534 | 645 | | | | |
| QKZ101-6D-C40-647L | 101 | 623 | 647 | 539 | 651 | | | | |
| QKZ102-6D-C40-653L | 102 | 628 | 653 | 544 | 657 | | | | |
| QKZ103-6D-C40-659L | 103 | 633 | 659 | 549 | 663 | | | | |
| QKZ104-6D-C40-665L | 104 | 638 | 665 | 554 | 669 | | | | |
| QKZ105-6D-C40-671L | 105 | 643 | 671 | 559 | 675 | | | | |
| QKZ106-6D-C40-677L | 106 | 648 | 677 | 564 | 681 | | | | |
| QKZ107-6D-C40-683L | 107 | 653 | 683 | 569 | 687 | | | | |
| QKZ108-6D-C40-689L | 108 | 658 | 689 | 574 | 693 | | | | |
| QKZ109-6D-C40-695L | 109 | 663 | 695 | 579 | 699 | | | | |
| QKZ110-6D-C40-701L | 110 | 668 | 701 | 584 | 705 | | | | |
| QKZ111-6D-C40-707L | 111 | 673 | 707 | 589 | 711 | | | | |
| QKZ112-6D-C40-713L | 112 | 678 | 713 | 594 | 717 | | | | |
| QKZ113-6D-C40-719L | 113 | 683 | 719 | 599 | 723 | | | | |
| QKZ114-6D-C40-725L | 114 | 688 | 725 | 604 | 729 | | | | |
| QKZ115-6D-C40-731L | 115 | 693 | 731 | 609 | 735 | | | | |
| QKZ116-6D-C40-737L | 116 | 698 | 737 | 614 | 741 | | | | |
| QKZ117-6D-C40-743L | 117 | 703 | 743 | 619 | 747 | | | | |
| QKZ118-6D-C40-749L | 118 | 708 | 749 | 624 | 753 | | | | |
| QKZ119-6D-C40-755L | 119 | 713 | 755 | 629 | 759 | | | | |
| QKZ120-6D-C40-761L | 120 | 718 | 761 | 634 | 765 | | | | |
| QKZ121-6D-C40-767L | 121 | 723 | 767 | 639 | 771 | | | | |
| QKZ122-6D-C40-773L | 122 | 728 | 773 | 644 | 777 | | | | |
| QKZ123-6D-C40-779L | 123 | 733 | 779 | 649 | 783 | | | | |
| QKZ124-6D-C40-785L | 124 | 738 | 785 | 654 | 789 | | | | |
| QKZ125-6D-C40-791L | 125 | 743 | 791 | 659 | 795 | | | | |
| QKZ126-6D-C40-797L | 126 | 748 | 797 | 664 | 801 | | | | |
| QKZ127-6D-C40-803L | 127 | 753 | 803 | 669 | 807 | | | | |
| QKZ128-6D-C40-809L | 128 | 758 | 809 | 674 | 813 | | | | |
| QKZ129-6D-C40-815L | 129 | 763 | 815 | 679 | 819 | | | | |
| QKZ130-6D-C40-821L | 130 | 768 | 821 | 684 | 825 | | | | |
| QKZ131-6D-C40-827L | 131 | 773 | 827 | 689 | 831 | | | | |
| QKZ132-6D-C40-833L | 132 | 778 | 833 | 694 | 837 | | | | |
| QKZ133-6D-C40-839L | 133 | 783 | 839 | 699 | 843 | | | | |
| QKZ134-6D-C40-845L | 134 | 788 | 845 | 704 | 849 | | | | |
| QKZ135-6D-C40-851L | 135 | 793 | 851 | 709 | 855 | | | | |
| QKZ136-6D-C40-857L | 136 | 798 | 857 | 714 | 861 | | | | |
| QKZ137-6D-C40-863L | 137 | 803 | 863 | 719 | 867 | | | | |
| QKZ138-6D-C40-869L | 138 | 808 | 869 | 724 | 873 | | | | |
| QKZ139-6D-C40-875L | 139 | 813 | 875 | 729 | 879 | | | | |
| QKZ140-6D-C40-881L | 140 | 818 | 881 | 734 | 885 | | | | |
| QKZ141-6D-C40-887L | 141 | 823 | 887 | 739 | 891 | | | | |
| QKZ142-6D-C40-893L | 142 | 828 | 893 | 744 | 897 | | | | |
| QKZ143-6D-C40-899L | 143 | 833 | 899 | 749 | 903 | | | | |
| QKZ144-6D-C40-905L | 144 | 838 | 905 | 754 | 909 | | | | |
| QKZ145-6D-C40-911L | 145 | 843 | 911 | 759 | 915 | | | | |
| QKZ146-6D-C40-917L | 146 | 848 | 917 | 764 | 921 | | | | |
| QKZ147-6D-C40-923L | 147 | 853 | 923 | 769 | 927 | | | | |
| QKZ148-6D-C40-929L | 148 | 858 | 929 | 774 | 933 | | | | |
| QKZ149-6D-C40-935L | 149 | 863 | 935 | 779 | 939 | | | | |
| QKZ150-6D-C40-941L | 150 | 868 | 941 | 784 | 945 | | | | |
| QKZ151-6D-C40-947L | 151 | 873 | 947 | 789 | 951 | | | | |
| QKZ152-6D-C40-953L | 152 | 878 | 953 | 794 | 957 | | | | |
| QKZ153-6D-C40-959L | 153 | 883 | 959 | 799 | 963 | | | | |
| QKZ154-6D-C40-965L | 154 | 888 | 965 | 804 | 969 | | | | |
| QKZ155-6D-C40-971L | 155 | 893 | 971 | 809 | 975 | | | | |
| QKZ156-6D-C40-977L | 156 | 898 | 977 | 814 | 981 | | | | |
| QKZ157-6D-C40-983L | 157 | 903 | 983 | 819 | 987 | | | | |
| QKZ158-6D-C40-989L | 158 | 908 | 989 | 824 | 993 | | | | |
| QKZ159-6D-C40-995L | 159 | 913 | 995 | 829 | 999 | | | | |
| QKZ160-6D-C40-1001L | 160 | 918 | 1001 | 834 | 1005 | | | | |

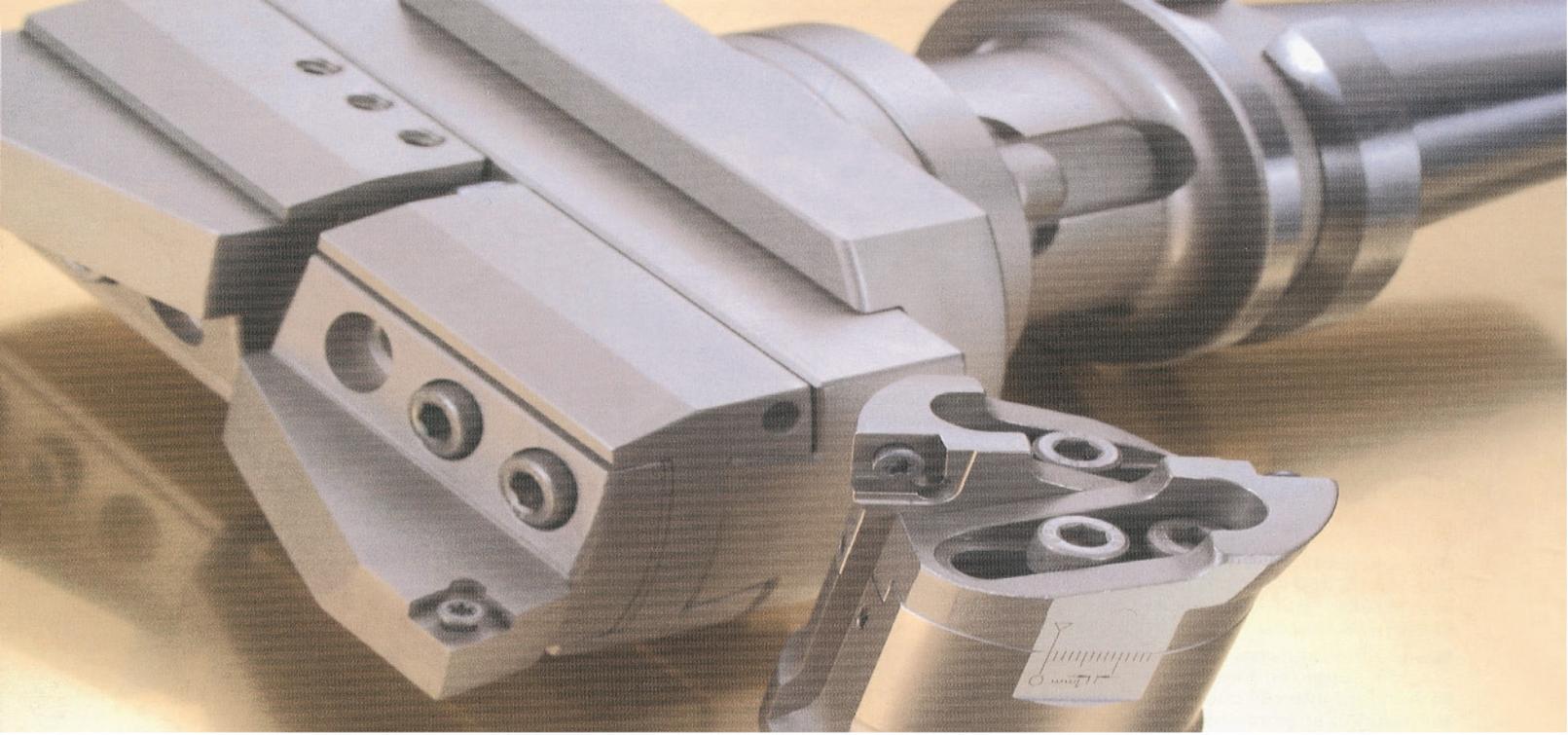
侧固式C40/50快速留芯钻

WC型



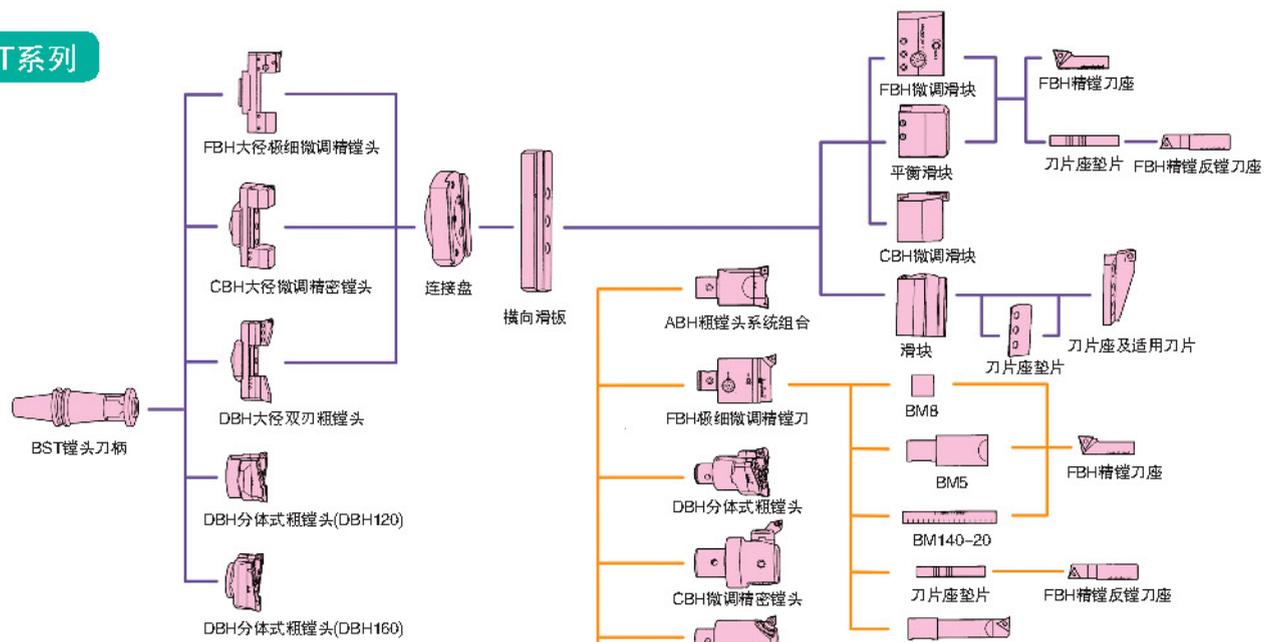
| 有效加工长 L:50mm | 有效加工长 L:100mm | 有效加工长 L:150mm | Φd | 刀片型号 | 螺丝 | 扳手 |
|-----------------|------------------|------------------|----------|------------------|--------|----|
| JSN50-50L | JSN50-100L | JSN50-150L | 50 | WCMT 05 03 08 | M3.0x7 | T9 |
| JSN53-50L | JSN53-100L | JSN53-150L | 63 | | | |
| JSN55-50L | JSN55-100L | JSN55-150L | 55 | | | |
| JSN60-50L | JSN60-100L | JSN60-150L | 60 | | | |
| JSN62-50L | JSN62-100L | JSN62-150L | 62 | | | |
| JSN64-50L | JSN64-100L | JSN64-150L | 64 | | | |
| JSN66-50L | JSN66-100L | JSN66-150L | 66 | | | |
| JSN68-50L | JSN68-100L | JSN68-150L | 68 | | | |
| JSN70-50L | JSN70-100L | JSN70-150L | 70 | | | |
| JSN73-50L | JSN73-100L | JSN73-150L | 73 | | | |
| JSN75-50L | JSN75-100L | JSN75-150L | 75 | | | |
| JSN78-50L | JSN78-100L | JSN78-150L | 78 | | | |
| JSN80-50L | JSN80-100L | JSN80-150L | 80 | | | |
| JSN82-50L | JSN82-100L | JSN82-150L | 82 | | | |
| JSN85-50L | JSN85-100L | JSN85-150L | 85 | | | |
| JSN87-50L | JSN87-100L | JSN87-150L | 87 | | | |
| JSN90-50L | JSN90-100L | JSN90-150L | 90 | | | |
| JSN92-50L | JSN92-100L | JSN92-150L | 92 | | | |
| JSN95-50L | JSN95-100L | JSN95-150L | 95 | | | |
| JSN97-50L | JSN97-100L | JSN97-150L | 97 | | | |
| JSN100-50L | JSN100-100L | JSN100-150L | 100 | | | |

加工中心加工
实例：

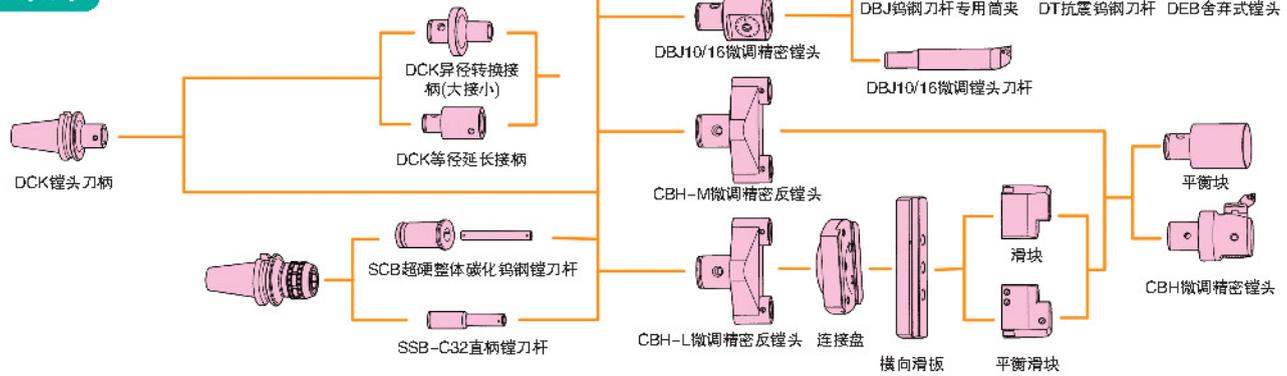


镗刀组合系统

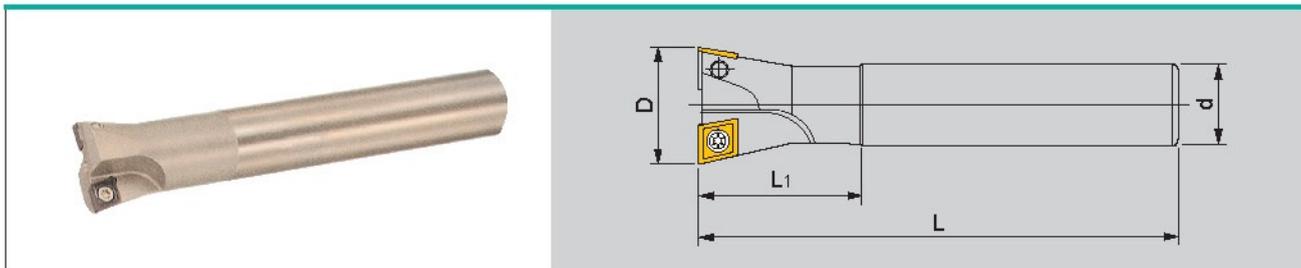
BST系列



DCK系列



SB双刃粗镗刀杆



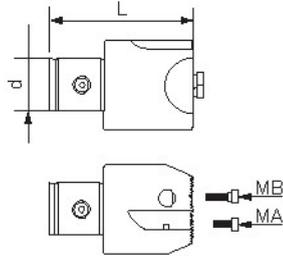
| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | | |
|--------------|--------------|----------|------|----|-----|------------|------------|------|-----|
| | | D | d | L1 | L | | 螺丝 | 扳手 | |
| SB | C20-TB21-120 | 2 | 20.7 | 20 | 40 | 120 | CCMT060204 | M2.5 | T8 |
| | C20-TB22-120 | 2 | 21.7 | 20 | 40 | 120 | CCMT060204 | M2.5 | T8 |
| | C20-TB23-120 | 2 | 22.7 | 20 | 40 | 120 | CCMT060204 | M2.5 | T8 |
| | C20-TB24-120 | 2 | 23.7 | 20 | 40 | 120 | CCMT060204 | M2.5 | T8 |
| | C20-TB25-120 | 2 | 24.7 | 20 | 40 | 120 | CCMT060204 | M2.5 | T8 |
| | C20-TB26-120 | 2 | 25.7 | 20 | 40 | 120 | CCMT09T308 | M4 | T15 |
| | C20-TB27-120 | 2 | 26.7 | 20 | 40 | 120 | CCMT09T308 | M4 | T15 |
| | C20-TB28-120 | 2 | 27.7 | 20 | 40 | 120 | CCMT09T308 | M4 | T15 |
| | C25-TB25-160 | 2 | 24.7 | 25 | 50 | 160 | CCMT060204 | M2.5 | T8 |
| | C25-TB30-160 | 2 | 29.7 | 25 | 50 | 160 | CCMT09T308 | M4 | T15 |
| | C25-TB32-160 | 2 | 31.7 | 25 | 50 | 160 | CCMT09T308 | M4 | T15 |
| | C25-TB35-160 | 2 | 34.7 | 25 | 50 | 160 | CCMT09T308 | M4 | T15 |
| | C25-TB37-160 | 2 | 36.7 | 25 | 50 | 160 | CCMT09T308 | M4 | T15 |
| | C25-TB40-160 | 2 | 39.7 | 25 | 50 | 160 | CCMT09T308 | M4 | T15 |
| | C32-TB35-230 | 2 | 34.7 | 32 | 50 | 230 | CCMT09T308 | M4 | T15 |
| | C32-TB40-250 | 2 | 39.7 | 32 | 50 | 250 | CCMT09T308 | M4 | T15 |
| | C32-TB42-200 | 2 | 41.7 | 32 | 50 | 200 | CCMT09T308 | M4 | T15 |
| | C32-TB45-200 | 2 | 44.7 | 32 | 50 | 200 | CCMT09T308 | M4 | T15 |
| C32-TB47-200 | 2 | 46.7 | 32 | 50 | 200 | CCMT09T308 | M4 | T15 | |
| C32-TB50-200 | 2 | 49.7 | 32 | 50 | 200 | CCMT09T308 | M4 | T15 | |

MC固定式双刃粗镗头



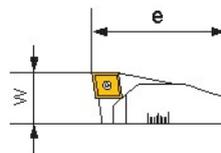
| 型号 | 刃数 | 基本尺寸(mm) | | | 刀片型号 | 配件 | | |
|----|--------|----------|-------|----|------|------------|----|-----|
| | | D | d | H | | 螺丝 | 扳手 | |
| MC | 22-50 | 2 | 49.7 | 22 | 50 | CCMT09T308 | M4 | T15 |
| | 22-55 | 2 | 54.7 | 22 | 50 | CCMT09T308 | M4 | T15 |
| | 22-60 | 2 | 59.7 | 22 | 50 | CCMT09T308 | M4 | T15 |
| | 27-65 | 2 | 64.7 | 27 | 50 | CCMT09T308 | M4 | T15 |
| | 27-70 | 2 | 69.7 | 27 | 50 | CCMT09T308 | M4 | T15 |
| | 27-75 | 2 | 74.7 | 27 | 50 | CCMT09T308 | M4 | T15 |
| | 27-85 | 2 | 84.7 | 27 | 50 | CCMT09T308 | M4 | T15 |
| | 27-90 | 2 | 89.7 | 27 | 50 | CCMT09T308 | M4 | T15 |
| | 27-95 | 2 | 94.7 | 27 | 50 | CCMT09T308 | M4 | T15 |
| | 27-100 | 2 | 99.7 | 27 | 50 | CCMT09T308 | M4 | T15 |
| | 32-105 | 2 | 104.7 | 32 | 63 | CCMT09T308 | M4 | T15 |
| | 32-120 | 2 | 119.7 | 32 | 63 | CCMT09T308 | M4 | T15 |
| | 32-125 | 2 | 124.7 | 32 | 63 | CCMT09T308 | M4 | T15 |
| | 32-130 | 2 | 129.7 | 32 | 63 | CCMT09T308 | M4 | T15 |

ABH双刃粗镗刀本体



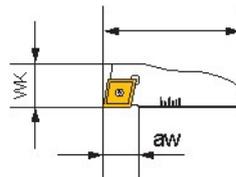
| 型号 | 基本尺寸(mm) | | 系统 | MA Bolt | MB Bolt | 重量 |
|-------|----------|----|----|---------|---------|------|
| | d | L | | | | |
| ABH25 | 14 | 40 | 25 | M4x10 | M4x18 | 0.15 |
| ABH32 | 18 | 42 | 32 | M5x10 | M5x20 | 0.33 |
| ABH40 | 22 | 48 | 40 | M6x12 | M6x20 | 0.48 |
| ABH50 | 28 | 62 | 50 | M6x14 | M6x25 | 0.96 |
| ABH63 | 36 | 60 | 63 | M8x16 | M8x30 | 1.54 |
| ABH80 | 36 | 60 | 80 | M8x16 | M8x30 | 1.96 |

ABH粗镗孔刀座



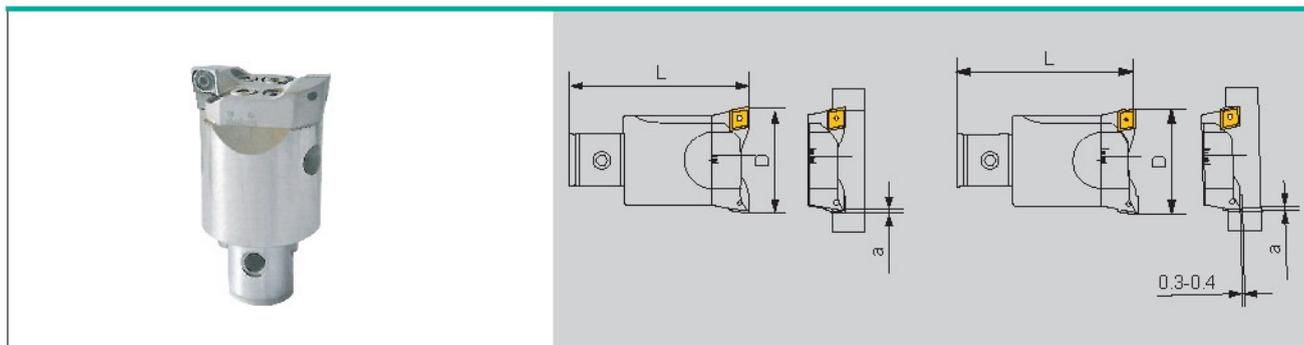
| 等高精镗孔刀座 | 不等高精镗孔刀座 | 基本尺寸(mm) | | | 镗孔范围 | 系统 | 刀片 | 螺丝 | 扳手 | 重量 |
|------------|------------|----------|------|----------|---------|-------|-----------|--------|-----|------|
| | | w | e | 镗孔量 a | | | | | | |
| DACC2936 | DBCC2936 | 11.7 | 25 | 0.5-1 | 29-36 | ABH25 | CCMT0602- | M2.5x6 | T8 | 0.01 |
| DACC3542 | DBCC3542 | 11.7 | 30 | | 35-42 | ABH25 | CCMT0602- | M2.5x6 | T8 | 0.02 |
| DACC3645 | DBCC3645 | 11.7 | 32 | 1-3 | 36-45 | ABH32 | CCMT0602- | M2.5x6 | T8 | 0.02 |
| DACC4453 | DBCC4453 | 11.7 | 38 | | 44-53 | ABH32 | CCMT0602- | M2.5x6 | T8 | 0.02 |
| DACC4556 | DBCC4556 | 15.6 | 40 | 0.5-1 | 45-56 | ABH40 | CCMT09T3- | M4x8 | T15 | 0.04 |
| DACC5566 | DBCC5566 | 15.6 | 46.5 | | 55-66 | ABH40 | CCMT09T3- | M4x8 | T15 | 0.05 |
| DACC5674 | DBCC5674 | 17.6 | 48.5 | 1-4 | 56-74 | ABH50 | CCMT09T3- | M4x8 | T15 | 0.06 |
| DACC7492 | DBCC7492 | 17.6 | 62 | | 74-92 | ABH50 | CCMT09T3- | M4x8 | T15 | 0.09 |
| DACC7090 | DBCC7090 | 22.6 | 60 | 0.5-1 | 70-90 | ABH63 | CCMT1204- | M5x10 | T20 | 0.12 |
| DACC90110 | DBCC90110 | 22.6 | 78 | | 90-110 | ABH63 | CCMT1204- | M5x10 | T20 | 0.18 |
| DACC90130 | DBCC90130 | 22.6 | 79.5 | 1-5 | 90-130 | ABH80 | CCMT1204- | M5x10 | T20 | 0.18 |
| DACC130170 | DBCC130170 | 22.6 | 99.5 | | 130-170 | ABH80 | CCMT1204- | M5x10 | T20 | 0.23 |

ABH粗镗孔反镗刀座



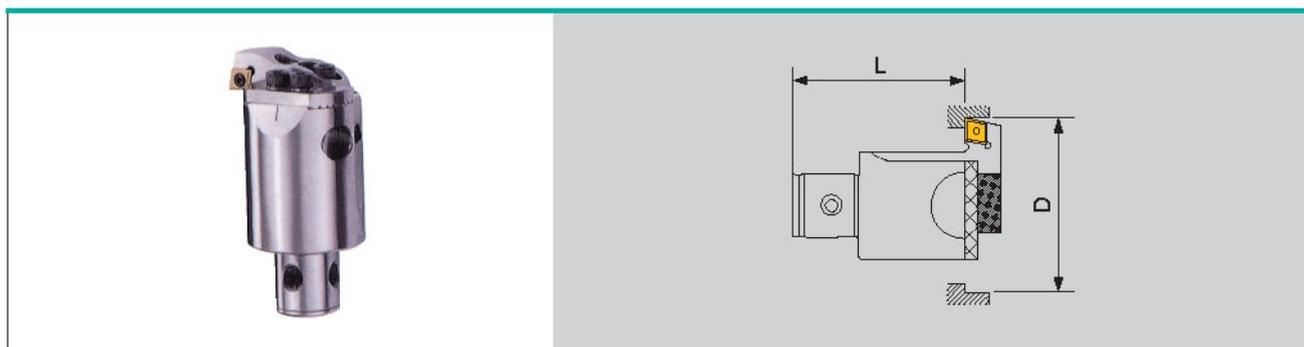
| 较高精镗孔刀座 | 基本尺寸(mm) | | | | 镗孔范围 | 系统 | 压板 | 刀片 | 螺丝 | 扳手 | 重量 |
|------------|----------|----|------|----------|---------|-------|-------|-----------|--------|-----|------|
| | aw | wk | e | 镗孔量 a | | | | | | | |
| DKCC2936 | 4 | 11 | 25 | 0.5-3 | 29-36 | ABH25 | APR25 | CCMT0602- | A25055 | T8 | 0.01 |
| DKCC3542 | 7 | 11 | 30 | | 35-42 | ABH25 | APR25 | CCMT0602- | A25055 | T8 | 0.02 |
| DKCC3645 | 5 | 11 | 32 | | 36-45 | ABH32 | APR32 | CCMT0602- | A25055 | T8 | 0.02 |
| DKCC4453 | 9 | 11 | 38 | | 44-53 | ABH32 | APR32 | CCMT0602- | A25055 | T8 | 0.02 |
| DKCC4556 | 5 | 15 | 40 | 0.5-4 | 45-56 | ABH40 | APR40 | CCMT09T3- | A40080 | T15 | 0.04 |
| DKCC5566 | 12 | 15 | 46.5 | | 55-66 | ABH40 | APR40 | CCMT09T3- | A40080 | T15 | 0.05 |
| DKCC5674 | 11 | 17 | 48.5 | 0.5-4 | 56-74 | ABH50 | APR50 | CCMT09T3- | A40080 | T15 | 0.07 |
| DKCC7492 | 17 | 17 | 62 | | 74-92 | ABH50 | APR50 | CCMT09T3- | A40080 | T15 | 0.09 |
| DKCC7090 | 12 | 22 | 60 | 0.5-5 | 70-90 | ABH63 | APR63 | CCMT1204- | A50100 | T20 | 0.13 |
| DKCC90110 | 22 | 22 | 78 | | 90-110 | ABH63 | APR63 | CCMT1204- | A50100 | T20 | 0.18 |
| DKCC90130 | 24 | 22 | 79.5 | | 90-130 | ABH80 | APR80 | CCMT1204- | A50100 | T20 | 0.18 |
| DKCC130170 | 24 | 22 | 99.5 | | 130-170 | ABH80 | APR80 | CCMT1204- | A50100 | T20 | 0.25 |

ABH粗镗头系统组合



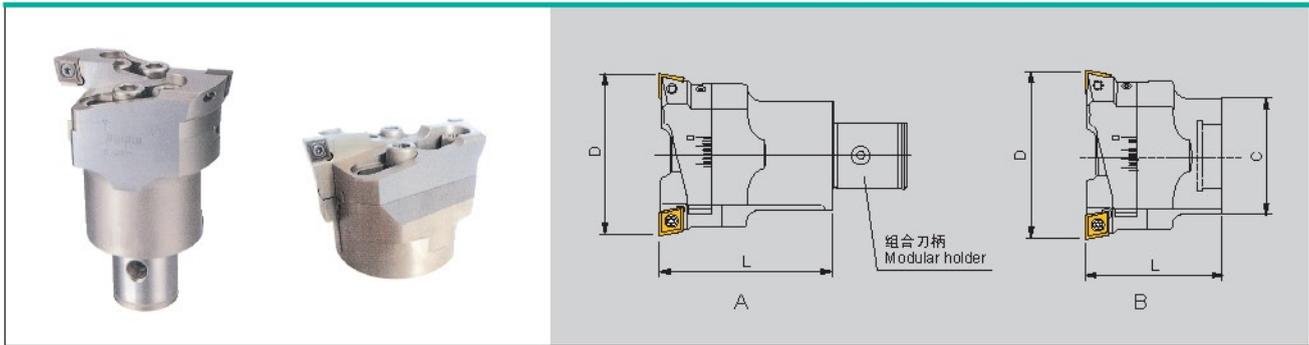
| 型号 | 基本尺寸(mm) | | 镗孔范围D | 组合刀柄 | 刀片座 | | 重量 |
|------------|----------|----|---------|------|------------|------------|------|
| | D | L | | | | | |
| DCK2-ABH25 | 25 | 50 | 29-36 | DCK2 | DACC2936 | DBCC2936 | 0.17 |
| DCK2-ABH25 | 25 | 50 | 35-42 | DCK2 | DACC3542 | DBCC3542 | 0.19 |
| DCK3-ABH32 | 32 | 63 | 36-45 | DCK3 | DACC3645 | DBCC3645 | 0.37 |
| DCK3-ABH32 | 32 | 63 | 44-53 | DCK3 | DACC4453 | DBCC4453 | 0.37 |
| DCK4-ABH40 | 40 | 63 | 45-56 | DCK4 | DACC4556 | DBCC4556 | 0.56 |
| DCK4-ABH40 | 40 | 63 | 55-66 | DCK4 | DACC5566 | DBCC5566 | 0.58 |
| DCK5-ABH50 | 50 | 80 | 56-74 | DCK5 | DACC5674 | DBCC5674 | 1.10 |
| DCK5-ABH50 | 50 | 80 | 74-92 | DCK5 | DACC7492 | DBCC7492 | 1.14 |
| DCK6-ABH63 | 63 | 80 | 70-90 | DCK6 | DACC7090 | DBCC7090 | 1.78 |
| DCK6-ABH63 | 63 | 80 | 90-110 | DCK6 | DACC90110 | DBCC90110 | 1.90 |
| DCK6-ABH80 | 63 | 80 | 90-130 | DCK6 | DACC90130 | DBCC90130 | 2.30 |
| DCK6-ABH80 | 63 | 80 | 130-170 | DCK6 | DACC130170 | DBCC130170 | 2.44 |

ABH粗镗头系统反镗组合



| 型号 | 基本尺寸(mm) | | 镗孔范围D | 组合刀柄 | 反镗专用刀片座 | 反镗专用压板 | 重量 |
|------------|----------|----|---------|------|------------|--------|------|
| | D | L | | | | | |
| DCK2-ABH25 | 25 | 50 | 29-36 | DCK2 | DKCC2936 | APR25 | 0.17 |
| DCK2-ABH25 | 25 | 50 | 35-42 | DCK2 | DKCC3542 | APR25 | 0.18 |
| DCK3-ABH32 | 32 | 63 | 36-45 | DCK3 | DKCC3645 | APR32 | 0.36 |
| DCK3-ABH32 | 32 | 63 | 44-53 | DCK3 | DKCC4453 | APR32 | 0.36 |
| DCK4-ABH40 | 40 | 63 | 45-56 | DCK4 | DKCC4556 | APR40 | 0.54 |
| DCK4-ABH40 | 40 | 63 | 55-66 | DCK4 | DKCC5566 | APR40 | 0.55 |
| DCK5-ABH50 | 50 | 80 | 56-74 | DCK5 | DKCC5674 | APR50 | 1.07 |
| DCK5-ABH50 | 50 | 80 | 74-92 | DCK5 | DKCC7492 | APR50 | 1.09 |
| DCK6-ABH63 | 63 | 80 | 70-90 | DCK6 | DKCC7090 | APR63 | 1.74 |
| DCK6-ABH63 | 63 | 80 | 90-110 | DCK6 | DKCC90110 | APR63 | 1.79 |
| DCK6-ABH80 | 63 | 80 | 90-130 | DCK6 | DKCC90130 | APR80 | 2.23 |
| DCK6-ABH80 | 63 | 80 | 130-170 | DCK6 | DKCC130170 | APR80 | 2.30 |

DBH分离式粗镗头

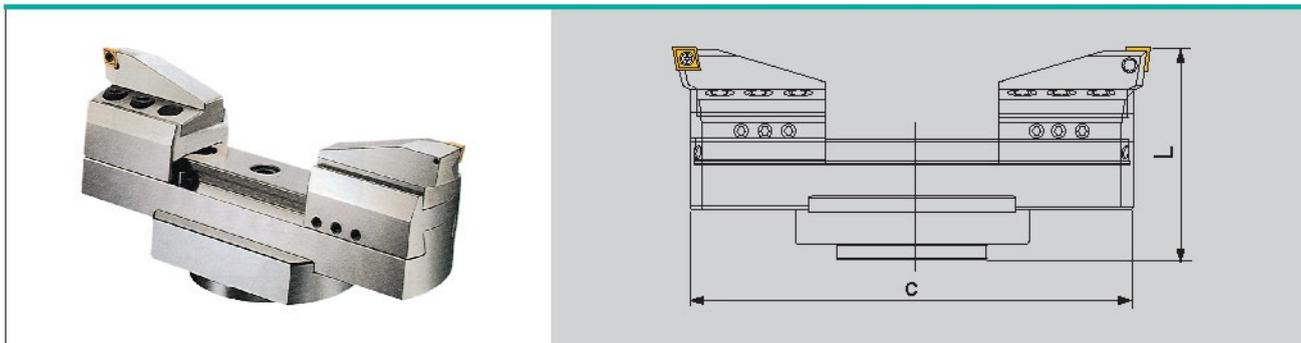


| 型号 | 图示 | 基本尺寸(mm) | | 镗孔范围D | 组合刀柄 | 刀片型号 | 螺丝 | 扳手 | 重量 |
|-----------------|----|----------|-----|---------|----------|----------|------|-----|------|
| | | C | L | | | | | | |
| DCK2-DBH2533-C | A | 24 | 45 | 25-33 | DCK2 | CCMT0602 | M2.5 | T8 | 0.15 |
| DCK3-DBH3242-T | A | 31 | 55 | 32-42 | DCK3 | TCMT1102 | M2.5 | T8 | 0.30 |
| DCK3-DBH3242-C | A | 31 | 55 | 32-42 | DCK3 | CCMT0602 | M2.5 | T8 | 0.30 |
| DCK4-DBH4055-T | A | 39 | 65 | 40-55 | DCK4 | TCMT16T3 | M4 | T15 | 0.50 |
| DCK4-DBH4055-C | A | 39 | 65 | 40-55 | DCK4 | CCMT09T3 | M4 | T15 | 0.50 |
| DCK5-DBH5270-T | A | 50 | 75 | 52-70 | DCK5 | TCMT16T3 | M4 | T15 | 1.00 |
| DCK5-DBH5270-C | A | 50 | 75 | 52-70 | DCK5 | CCMT09T3 | M4 | T15 | 1.00 |
| DCK6-DBH6892-T | A | 64 | 85 | 68-92 | DCK6 | TCMT16T3 | M5 | T20 | 2.00 |
| DCK6-DBH6892-C | A | 64 | 85 | 68-92 | DCK6 | CCMT1204 | M5 | T20 | 2.00 |
| DCK6-DBH90122-T | A | 64 | 100 | 90-122 | DCK6 | TCMT2204 | M5 | T20 | 2.90 |
| DCK6-DBH90122-C | A | 64 | 100 | 90-122 | DCK6 | CCMT1204 | M5 | T20 | 2.90 |
| BST-DBH120164-T | B | 95 | 95 | 120-164 | BT50-BST | TCMT2204 | M5 | T20 | 3.80 |
| BST-DBH120164-C | B | 95 | 95 | 120-164 | BT50-BST | CCMT1204 | M5 | T20 | 3.80 |
| BST-DBH160204-T | B | 95 | 95 | 160-204 | BT50-BST | TCMT2204 | M5 | T20 | 4.80 |
| BST-DBH160204-C | B | 95 | 95 | 160-204 | BT50-BST | CCMT1204 | M5 | T20 | 4.80 |

特点:

- 适用单刃镗孔, 双刃镗孔极高低阶镗孔。镗孔范围: DCK分体式25-122, BST分体式120-910。
- 新型刀刃滑座设计, 刀被补强, 加工时, 滑座承受的二个作用力相互抵消, 产生最大刚性和切削力, 适用各行态的镗孔作业。
- 可依照不同加工需求, 轻易调整镗刀, 作少量多样的加工。加工深度可配合延长杆至所需长度。
- 精华的侧边刻度, 协助使用者轻易调整到所需的孔径范围。
- 适用在各型切削中心机或镗床配合使用, 并可配合各种厂牌规格相同的刀片。节省刀具淹没时间并大幅度增加镗孔效率。
- 高低断差设计, 平刃或高低刃均可采用。
- 直径120以上大孔径镗刀, 使用直接组件, 结构简单刚性强。

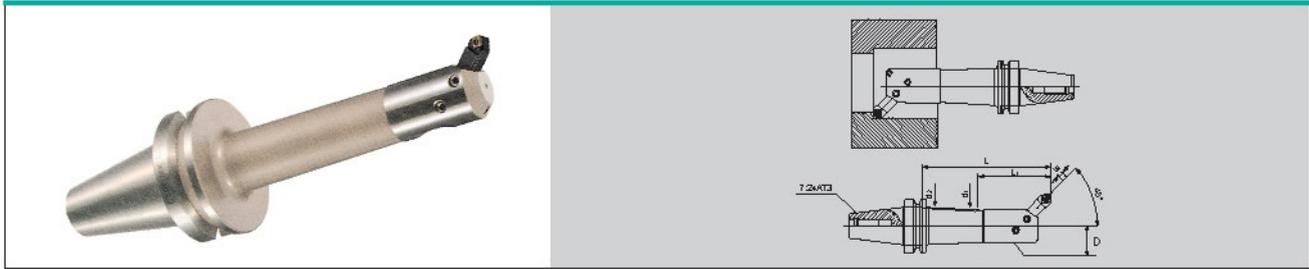
DBH大径双刃粗镗头



| 型号 | 基本尺寸(mm) | | 镗孔范围D | 组合刀柄 | 刀片型号 | 螺丝 | 扳手 | 整组重量 | |
|-----|-----------|-----|-------|---------|------|---|----|------|------|
| | C | L | | | | | | | |
| BST | DBH200310 | 180 | 130 | 200-310 | BST | (选配刀片座) DB200-C12 DB200-T16 DB200-T22 DB200-S12 | M5 | T20 | 9.7 |
| | DBH300410 | 280 | 130 | 300-410 | BST | | M5 | T20 | 11.7 |
| | DBH400510 | 380 | 130 | 400-510 | BST | | M5 | T20 | 13.7 |
| | DBH500610 | 480 | 130 | 500-610 | BST | | M5 | T20 | 15.7 |
| | DBH600710 | 580 | 130 | 600-710 | BST | | M5 | T20 | 17.7 |
| | DBH700810 | 680 | 130 | 700-810 | BST | | M5 | T20 | 19.7 |
| | DBH800910 | 780 | 130 | 800-910 | BST | | M5 | T20 | 21.7 |

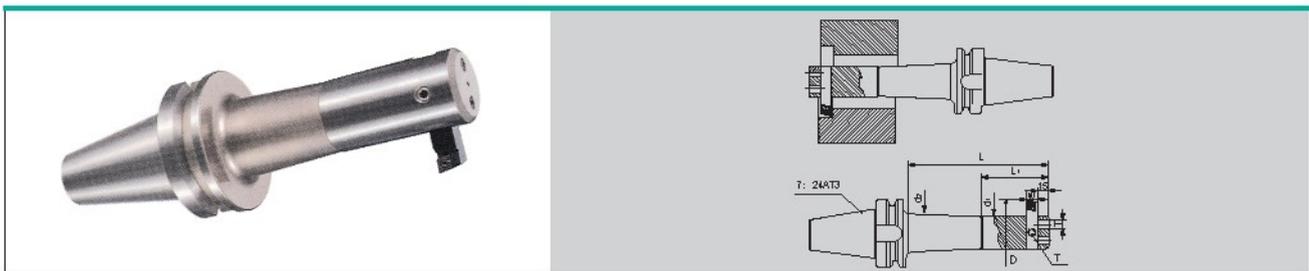
| 组合形式 | 型号 | 图示 | 重量 |
|----------|------------|----------|------|
| 组合刀柄 | BT50-BST系列 | | - |
| 连接盘 | BST-FL200 | | 2.7 |
| 横向滑板 | DST200 | | 3.4 |
| | DST300 | | 5.4 |
| | DST400 | | 7.4 |
| | DST500 | | 9.4 |
| | DST600 | | 11.4 |
| | DST700 | | 13.4 |
| | DST800 | | 15.4 |
| 滑块 | DS200 | | 0.98 |
| 刀片座垫片 | DS201 | | 0.05 |
| 刀片座及适用刀片 | DB200-C12 | CCMT1204 | 0.68 |
| | DB200-T16 | TCMT16T3 | |
| | DB200-T22 | TCMT2204 | |
| | DB200-S12 | SCMT1204 | |

BSA45度粗镗孔刀柄



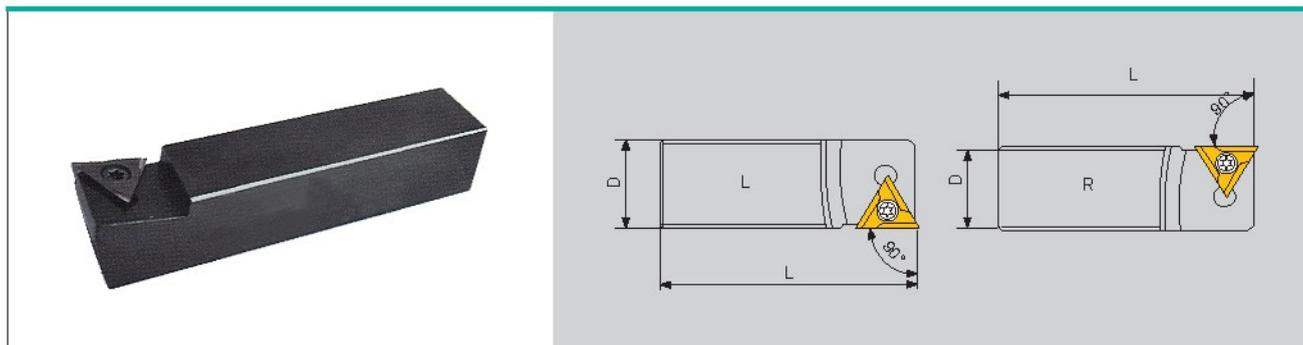
| 型号 | 基本尺寸(mm) | | | | 镗孔范围D | W | 螺丝 | 重量 | |
|------|------------|----|----|-----|-------|---------|----|-----|------|
| | d1 | d2 | L1 | L | | | | | |
| BT40 | BSA25-120 | 20 | 22 | 35 | 90 | 25-38 | 8 | M6 | 1.2 |
| | BSA30-150 | 24 | 26 | 40 | 120 | 30-42 | 8 | M6 | 1.4 |
| | BSA38-165 | 30 | 33 | 50 | 135 | 38-52 | 10 | M8 | 1.7 |
| | BSA42-165 | 34 | 37 | 50 | 135 | 42-56 | 10 | M8 | 2.0 |
| | BSA50-165 | 40 | 44 | 65 | 135 | 50-65 | 13 | M8 | 2.3 |
| | BSA62-180 | 50 | 56 | 80 | 150 | 62-90 | 16 | M10 | 2.4 |
| | BSA72-180 | 60 | - | 95 | 150 | 72-110 | 19 | M10 | 3.9 |
| | BSA90-180 | 75 | - | - | 150 | 90-125 | 19 | M10 | 5.2 |
| BT50 | BSA25-135 | 20 | 22 | 35 | 92 | 25-38 | 8 | M6 | 4.2 |
| | BSA30-165 | 24 | 26 | 40 | 122 | 30-42 | 8 | M6 | 4.4 |
| | BSA38-180 | 30 | 33 | 50 | 137 | 38-52 | 10 | M8 | 4.8 |
| | BSA42-210 | 34 | 37 | 60 | 167 | 42-56 | 10 | M8 | 5.0 |
| | BSA50-180 | 40 | 44 | 65 | 137 | 50-65 | 13 | M10 | 5.4 |
| | BSA62-195 | 50 | 56 | 80 | 152 | 62-90 | 16 | M10 | 6.2 |
| | BSA72-195 | 60 | 66 | 95 | 152 | 72-110 | 19 | M10 | 7.0 |
| | BSA90-210 | 75 | 80 | 110 | 267 | 90-125 | 19 | M12 | 9.2 |
| | BSA105-195 | 90 | - | - | 152 | 105-160 | 25 | M12 | 10.7 |

BSB 90° 粗镗孔刀柄



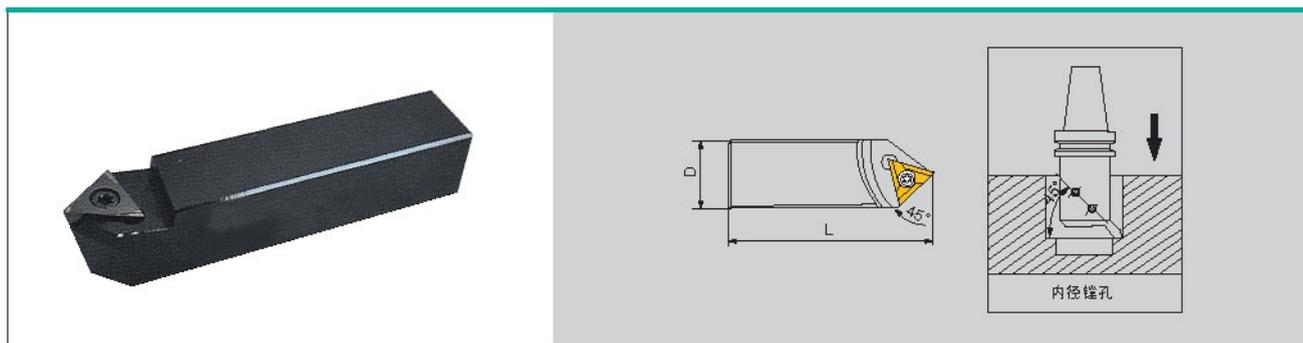
| 型号 | 基本尺寸(mm) | | | | 镗孔范围D | W | 螺丝 | 重量 | |
|------|------------|----|----|-----|-------|---------|----|-----|------|
| | d1 | d2 | L1 | L | | | | | |
| BT40 | BSB25-120 | 20 | 22 | 35 | 90 | 25-52 | 8 | M6 | 1.2 |
| | BSB38-150 | 30 | 33 | 55 | 120 | 38-70 | 10 | M8 | 1.7 |
| | BSB50-165 | 40 | 44 | 70 | 135 | 50-90 | 13 | M10 | 2.5 |
| | BSB62-180 | 50 | 56 | 80 | 150 | 62-115 | 16 | M10 | 3.6 |
| | BSB90-180 | 75 | - | - | 150 | 90-150 | 19 | M12 | 5.9 |
| BT50 | BSB25-135 | 20 | 22 | 35 | 92 | 25-52 | 8 | M6 | 4.3 |
| | BSB38-180 | 30 | 33 | 55 | 137 | 38-70 | 10 | M8 | 4.9 |
| | BSB50-180 | 40 | 44 | 70 | 137 | 50-90 | 13 | M10 | 5.5 |
| | BSB62-195 | 50 | 56 | 80 | 152 | 62-115 | 16 | M10 | 6.4 |
| | BSB72-195 | 60 | 66 | 95 | 152 | 72-135 | 19 | M12 | 7.3 |
| | BSB90-210 | 75 | 80 | 115 | 167 | 90-150 | 19 | M12 | 9.7 |
| | BSB105-195 | 90 | 90 | - | 152 | 105-190 | 25 | M12 | 11.4 |

TBS舍弃式镗孔刀杆



| 型号 | 基本尺寸(mm) | | 镗孔范围D | 刀片型号 | 螺丝 | 扳手 | |
|-----|-------------|----|-------|---------|-------------|------|-----|
| | D | L | | | | | |
| TBS | 910-36-L/R | 10 | 36 | 38-50 | TC/TPGH0902 | M2.5 | T8 |
| | 910-45-L/R | 10 | 45 | 50-70 | TC/TPGH0902 | M2.5 | T8 |
| | 913-48-L/R | 13 | 48 | 50-70 | TC/TPGH1103 | M3 | T8 |
| | 913-65-L/R | 13 | 65 | 70-90 | TC/TPGH1103 | M3 | T8 |
| | 916-60-L/R | 16 | 60 | 62-90 | TC/TPGH1103 | M3 | T8 |
| | 916-80-L/R | 16 | 80 | 90-115 | TC/TPGH1103 | M3 | T8 |
| | 919-70-L/R | 19 | 70 | 72-105 | TC/TPGH1603 | M4 | T15 |
| | 919-90-L/R | 19 | 90 | 105-135 | TC/TPGH1603 | M4 | T15 |
| | 919-85-L/R | 19 | 85 | 90-115 | TC/TPGH1603 | M4 | T15 |
| | 919-105-L/R | 19 | 105 | 115-150 | TC/TPGH1603 | M4 | T15 |
| | 925-100-L/R | 25 | 100 | 105-140 | TC/TPGH1603 | M4 | T15 |
| | 925-135-L/R | 25 | 130 | 140-190 | TC/TPGH1603 | M4 | T15 |

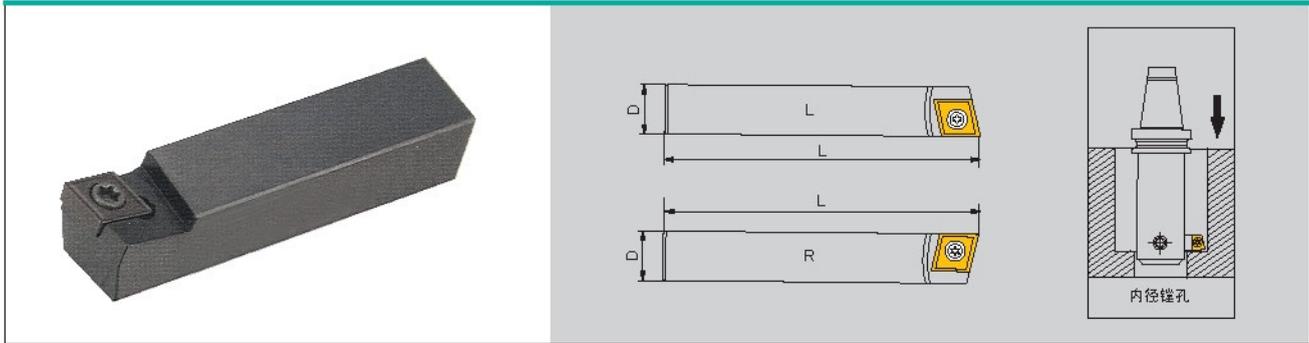
- T90度刀杆适用于BSB刀柄
- R为右手刀背镗专用



| 型号 | 基本尺寸(mm) | | 镗孔范围D | 刀片型号 | 螺丝 | 扳手 | |
|-----|----------|----|-------|---------|-------------|------|-----|
| | D | L | | | | | |
| TBS | 410-45 | 10 | 45 | 38-52 | TC/TPGH0902 | M2.5 | T8 |
| | 410-50 | 10 | 50 | 42-56 | TC/TPGH0902 | M2.5 | T8 |
| | 413-60 | 13 | 60 | 50-65 | TC/TPGH1103 | M3 | T8 |
| | 416-75 | 16 | 75 | 62-90 | TC/TPGH1103 | M3 | T8 |
| | 419-90 | 19 | 90 | 72-110 | TC/TPGH1603 | M4 | T15 |
| | 419-115 | 19 | 115 | 90-125 | TC/TPGH1603 | M4 | T15 |
| | 425-130 | 25 | 130 | 105-160 | TC/TPGH1603 | M4 | T15 |

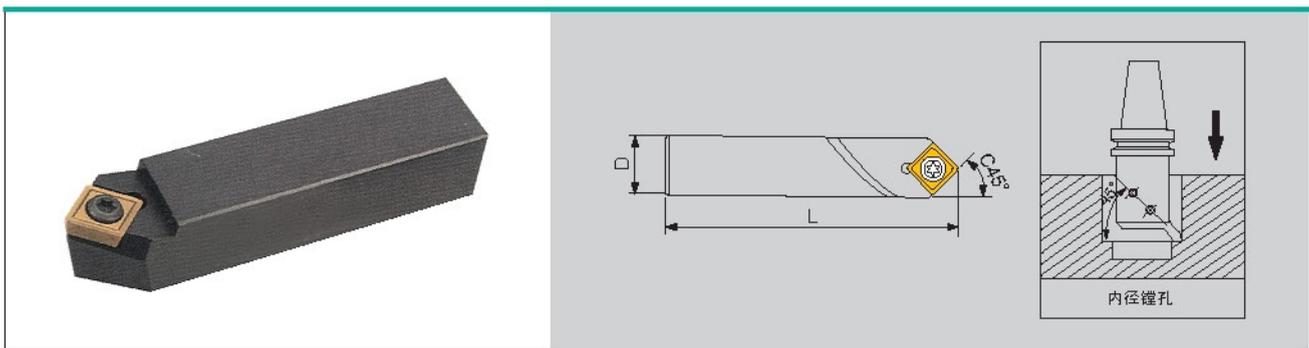
- T45度刀杆适用于BSA刀柄

CBS舍弃式镗孔刀杆



| 型号 | 基本尺寸(mm) | | 镗孔范围D | 刀片型号 | 螺丝 | 扳手 | |
|-------------|-------------|-----|---------|----------|----------|------|-----|
| | D | L | | | | | |
| CBS | 908-23-L/R | 8 | 23 | 25-38 | CCMT0602 | M2.5 | T8 |
| | 908-30-L/R | 8 | 30 | 38-52 | CCMT0602 | M2.5 | T8 |
| | 910-36-L/R | 10 | 36 | 38-50 | CCMT0602 | M2.5 | T8 |
| | 910-45-L/R | 10 | 45 | 50-70 | CCMT0602 | M2.5 | T8 |
| | 913-48-L/R | 13 | 48 | 50-70 | CCMT09T3 | M4 | T15 |
| | 913-65-L/R | 13 | 65 | 70-90 | CCMT09T3 | M4 | T15 |
| | 916-60-L/R | 16 | 60 | 62-90 | CCMT09T3 | M4 | T15 |
| | 916-80-L/R | 16 | 80 | 90-115 | CCMT09T3 | M4 | T15 |
| | 919-70-L/R | 19 | 70 | 72-105 | CCMT1204 | M5 | T20 |
| | 919-90-L/R | 19 | 90 | 105-135 | CCMT1204 | M5 | T20 |
| | 919-85-L/R | 19 | 85 | 90-115 | CCMT1204 | M5 | T20 |
| | 919-105-L/R | 19 | 105 | 115-150 | CCMT1204 | M5 | T20 |
| 925-100-L/R | 25 | 100 | 105-140 | CCMT1204 | M5 | T20 | |
| 925-135-L/R | 25 | 135 | 140-190 | CCMT1204 | M5 | T20 | |

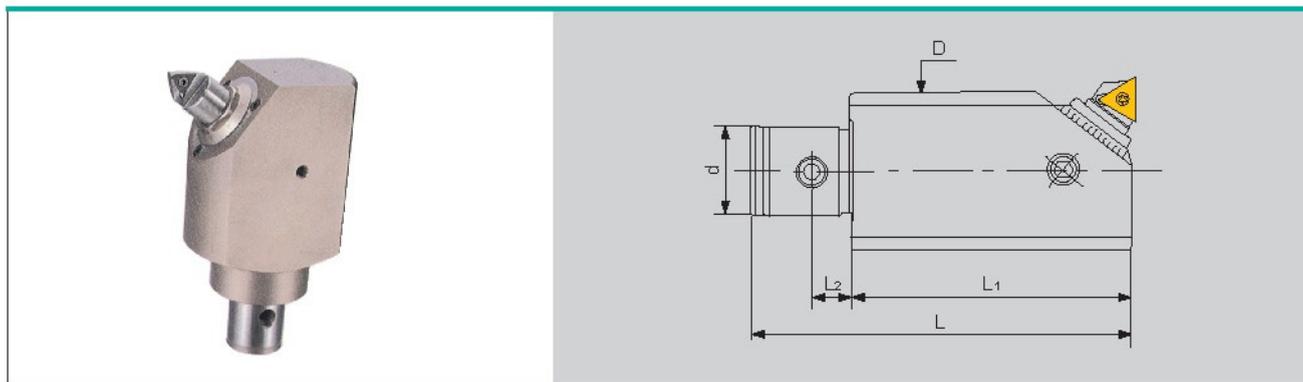
- C90度刀杆适用于BSB刀柄
- R为右手刀背镗专用



| 型号 | 基本尺寸(mm) | | 镗孔范围D | 刀片型号 | 螺丝 | 扳手 | |
|-----|----------|----|-------|---------|----------|------|-----|
| | D | L | | | | | |
| CBS | 408-30 | 8 | 30 | 25-38 | CCMT0602 | M2.5 | T8 |
| | 408-35 | 8 | 35 | 30-42 | CCMT0602 | M2.5 | T8 |
| | 410-45 | 10 | 45 | 38-52 | CCMT0602 | M2.5 | T8 |
| | 410-50 | 10 | 50 | 42-56 | CCMT0602 | M2.5 | T8 |
| | 413-60 | 13 | 60 | 50-65 | CCMT09T3 | M4 | T15 |
| | 416-75 | 16 | 75 | 62-90 | CCMT09T3 | M4 | T15 |
| | 419-115 | 19 | 115 | 90-125 | CCMT1204 | M5 | T20 |
| | 425-130 | 25 | 130 | 105-160 | CCMT1204 | M5 | T20 |

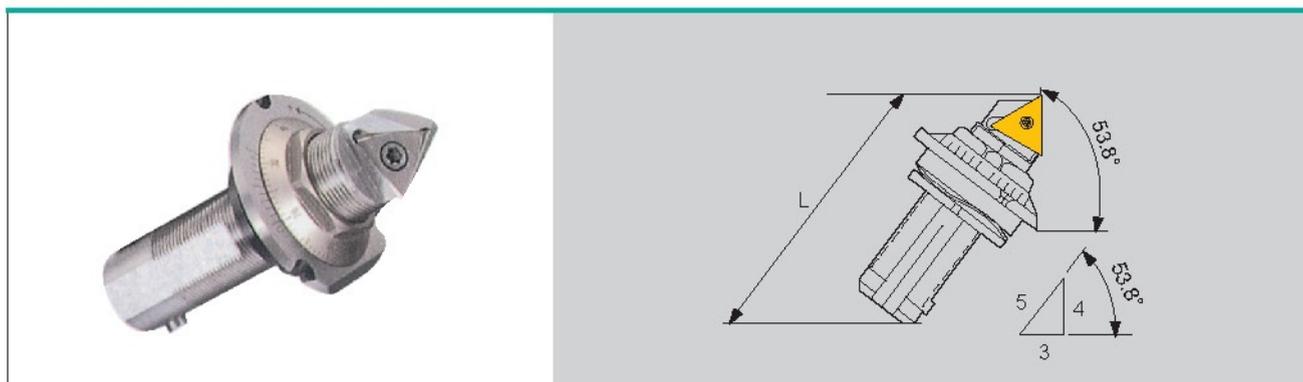
- C45度刀杆适用于BSA刀柄

DCK-DYD微调镗头



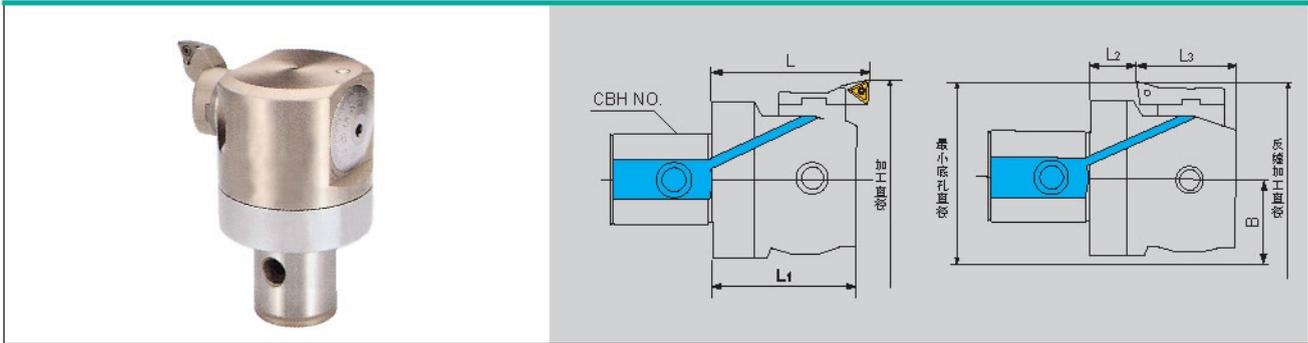
| 型号 | 基本尺寸(mm) | | | | | 镗孔范围 | 组合刀柄 | 组合镗头 | 刀片型号 | 重量 | |
|------|----------|----|----|-----|------|------|---------|------|-----------|-----------|------|
| | D | d | L1 | L2 | L | | | | | | |
| DCK1 | DYD19 | 18 | 11 | 35 | 4.65 | 51 | 19-22.5 | DCK1 | M2-DYD19 | TBGH0601L | 0.06 |
| | DYD22 | 20 | 11 | 35 | 4.65 | 51 | 22-29.5 | DCK1 | M2-DYD22 | TBGH0601L | 0.11 |
| DCK2 | DYD29 | 25 | 14 | 45 | 6.2 | 61 | 29-41 | DCK2 | M3-DYD29 | TBGH0601L | 0.20 |
| DCK3 | DYD38 | 35 | 18 | 70 | 7.5 | 90 | 38-50 | DCK3 | M5-DYD38 | TPGH1103L | 0.35 |
| DCK4 | DYD48 | 41 | 22 | 60 | 9.5 | 86 | 48-65 | DCK4 | M5-DYD48 | TPGH1103L | 0.55 |
| DCK5 | DYD62 | 54 | 28 | 80 | 12.4 | 110 | 62-90 | DCK5 | M7-DYD62 | TPGH16T3L | 0.85 |
| DCK6 | DYD82 | 67 | 36 | 110 | 15 | 150 | 82-110 | DCK6 | M7-DYD82 | TPGH16T3L | 1.25 |
| | DYD105 | 84 | 36 | 130 | 15 | 170 | 105-140 | DCK6 | M9-DYD105 | TPGH16T3L | 2.30 |
| | DYD135 | 98 | 36 | 140 | 15 | 180 | 135-175 | DCK6 | M9-DYD135 | TPGH16T3L | 2.40 |

DYD微调镗头微调器



| 型号 | 基本尺寸(mm) | | 镗孔范围 | 刀片型号 | 螺丝 | 扳手 |
|----|----------|------|---------|-----------|----|-----|
| | | L | | | | |
| M2 | DYD19 | 20.7 | 19-22.5 | TBGH0601L | M2 | T6 |
| | DYD22 | 23.5 | 22-29.5 | TBGH0601L | M2 | T6 |
| M3 | DYD29 | 31.0 | 29-41 | TPGH1103L | M3 | T8 |
| M4 | DYD38 | 40.0 | 38-50 | TPGH1103L | M3 | T8 |
| M5 | DYD48 | 47.7 | 48-65 | TPGH1103L | M3 | T8 |
| M6 | DYD62 | 63.5 | 62-90 | TPGH16T3L | M4 | T15 |
| M7 | DYD82 | 84 | 82-110 | TPGH16T3L | M4 | T15 |
| M9 | DYD105 | 110 | 105-140 | TPGH16T3L | M4 | T15 |
| | DYD135 | 136 | 135-175 | TPGH16T3L | M4 | T15 |

CBH微调精密镗头

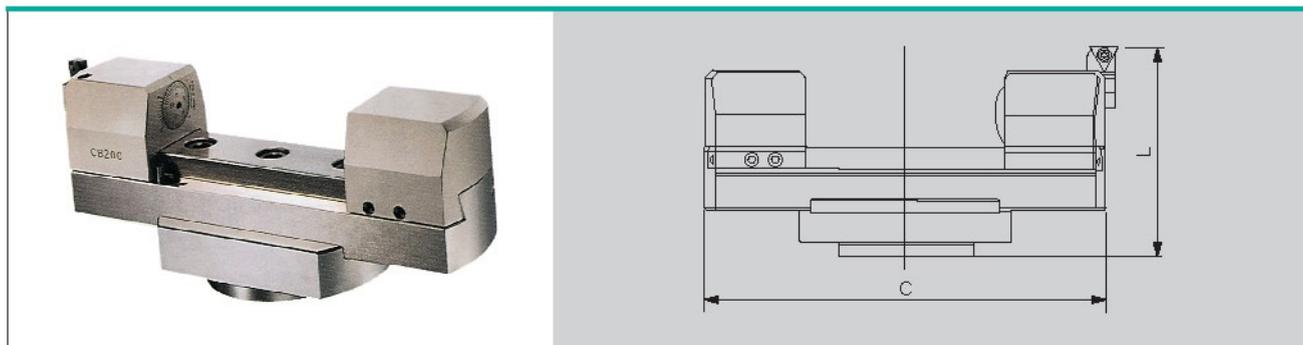


| 型号 | 正镗 | | | 反镗 | | | 组合刀柄 | 刀片座 | 刀片 | 螺丝 | 扳手 | 重量 | |
|-----------------|------|------|---------|------|------|------|---------|------|--------|----------------|------------|----|------|
| | L | L1 | 范围 | B | L2 | L3 | | | | | | | 范围 |
| DCK1-CBH20-36 | 29.5 | 32.5 | 20-26 | 10 | 10.5 | 19 | - | DCK1 | CBH1-1 | TPGH 080202 | M2.2 | T8 | 0.07 |
| DCK1-CBH20-36 | 29.5 | 32.5 | 25-31 | 10 | 10.5 | 19 | - | DCK1 | CBH1-2 | | | | 0.07 |
| DCK1-CBH20-36 | 29.5 | 32.5 | 30-36 | 10 | 10.5 | 19 | 30-36 | DCK1 | CBH1-3 | | | | 0.07 |
| DCK2-CBH25-47 | 32.5 | 35.5 | 25-33 | 12.5 | 11.5 | 21 | - | DCK2 | CBH2-1 | TPGH 080202 | M2.2 | T8 | 0.12 |
| DCK2-CBH25-47 | 32.5 | 35.5 | 32-40 | 12.5 | 11.5 | 21 | 36-40 | DCK2 | CBH2-2 | | | | 0.12 |
| DCK2-CBH25-47 | 32.5 | 35.5 | 39-47 | 12.5 | 11.5 | 21 | 39-47 | DCK2 | CBH2-3 | | | | 0.12 |
| DCK3-CBH32-60 | 35 | 40 | 32-42 | 16 | 10 | 25 | - | DCK3 | CBH3-1 | TPGH 080202 | M2.2 | T8 | 0.21 |
| DCK3-CBH32-60 | 35 | 40 | 41-51 | 16 | 10 | 25 | 46-51 | DCK3 | CBH3-2 | | | | 0.21 |
| DCK3-CBH32-60 | 35 | 40 | 50-60 | 16 | 10 | 25 | 50-60 | DCK3 | CBH3-3 | | | | 0.21 |
| DCK4-CBH41-74 | 43 | 47 | 41-54 | 20 | 14 | 29 | - | DCK4 | CBH4-1 | TPGH 110304 | M2.5 M3 | T8 | 0.40 |
| DCK4-CBH41-74 | 43 | 47 | 50-63 | 20 | 14 | 29 | 53-63 | DCK4 | CBH4-2 | | | | 0.40 |
| DCK4-CBH41-74 | 43 | 47 | 61-74 | 20 | 14 | 29 | 61-74 | DCK4 | CBH4-3 | | | | 0.40 |
| DCK5-CBH53-95 | 53 | 57 | 53-70 | 25.5 | 19 | 34 | 62-70 | DCK5 | CBH5-1 | TCMT 110204 | M2.5 M3 | T8 | 1.10 |
| DCK5-CBH53-95 | 53 | 57 | 65-82 | 25.5 | 19 | 34 | 65-82 | DCK5 | CBH5-2 | | | | 1.10 |
| DCK5-CBH53-95 | 53 | 57 | 78-95 | 25.5 | 19 | 34 | 78-95 | DCK5 | CBH5-3 | | | | 1.10 |
| DCK6-CBH68-150 | 67.2 | 71 | 68-100 | 32.5 | 22 | 45.2 | 80-100 | DCK6 | CBH6-1 | TPGH 110304 | M2.5 M3 | T8 | 1.47 |
| DCK6-CBH68-150 | 67.2 | 71 | 94-126 | 32.5 | 22 | 45.2 | 94-126 | DCK6 | CBH6-2 | | | | 1.47 |
| DCK6-CBH68-150 | 67.2 | 71 | 118-150 | 32.5 | 22 | 45.2 | 118-150 | DCK6 | CBH6-3 | | | | 1.47 |
| DCK6-CBH100-203 | 67.2 | 71 | 100-153 | 45.5 | 22 | 45.2 | 112-153 | DCK6 | CBH6-1 | TPGH 110304 | M2.5 M3 | T8 | 2.46 |
| DCK6-CBH100-203 | 67.2 | 71 | 126-179 | 45.5 | 22 | 45.2 | 126-179 | DCK6 | CBH6-2 | | | | 2.46 |
| DCK6-CBH100-203 | 67.2 | 71 | 150-203 | 45.5 | 22 | 45.2 | 150-203 | DCK6 | CBH6-3 | | | | 2.46 |

| 型号 | 形状图 | 对应镗头 | 型号 | 形状图 | 对应镗头 | 型号 | 形状图 | 对应镗头 | | | | | |
|-----------------------|-----|-------------------|-----------------------|-----|-------------------|-----------------------|-----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| CBH 1-1 1-2 1-3 | | DCK1- CBH20-36 | CBH 4-1 4-2 4-3 | | DCK4- CBH41-74 | CBH 4-1 4-2 4-3 | | DCK4- CBH41-74 | | | | | |
| | | | | | | | | | DCK2- CBH25-47 | 5-1 5-2 5-3 | DCK5- CBH53-95 | 5-1 5-2 5-3 | DCK5- CBH53-95 |
| | | | | | | | | | | | | | |

| 刀片规格 | 图示 | 基本尺寸(mm) | | | | | |
|-------------|----|----------|-------|------|-----|----------------|-----|
| | | L | d | S | d1 | r _e | A |
| TBGH060102L | | 6.9 | 3.97 | 1.59 | 2.3 | 0.2 | 5° |
| TPGH080204L | | 8.3 | 4.76 | 2.38 | 2.5 | 0.4 | 11° |
| TPGH090204L | | 9.5 | 5.56 | 2.38 | 2.8 | 0.4 | 11° |
| TPGH110304L | | 11 | 6.35 | 3.18 | 3.2 | 0.4 | 11° |
| TPGH16T304L | | 16.5 | 9.525 | 3.97 | 4.4 | 0.4 | 11° |

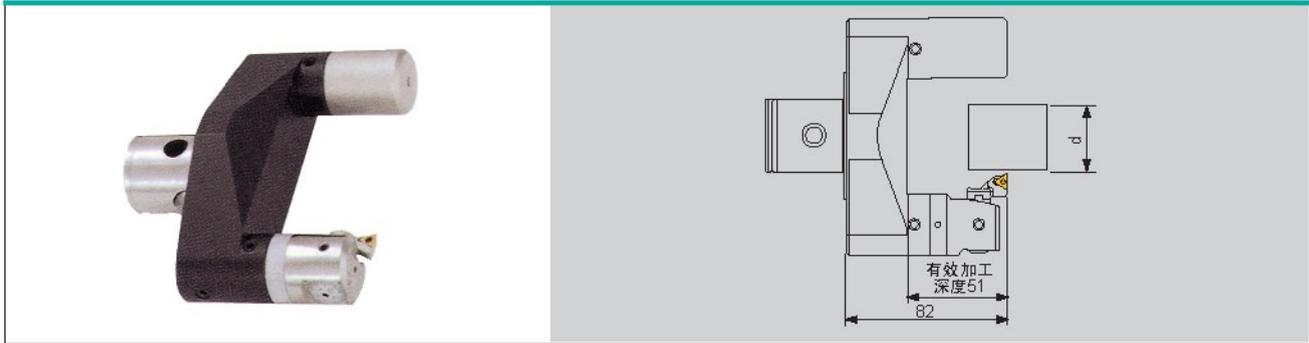
CBH大径微调精密镗头



| 型号 | 基本尺寸(mm) | | 镗孔范围D | 组合刀柄 | 刀片型号 | 螺丝 | 扳手 | 整组重量 | |
|-----|-----------|-----|-------|---------|------|--------------------------|------------|-----------|------|
| | C | L | | | | | | | |
| BST | CBH200310 | 180 | 130 | 200-310 | BST | TPGH090204 TPGH110304 | M2.5 M3 | T8 T15 | 9.7 |
| | CBH300410 | 280 | 130 | 300-410 | BST | | | | 11.7 |
| | CBH400510 | 380 | 130 | 400-510 | BST | | | | 13.7 |
| | CBH500610 | 480 | 130 | 500-610 | BST | | | | 15.7 |
| | CBH600710 | 580 | 130 | 600-710 | BST | | | | 17.7 |
| | CBH700810 | 680 | 130 | 700-810 | BST | | | | 19.7 |
| | CBH800910 | 780 | 130 | 800-910 | BST | | | | 21.7 |

| 组合形式 | 型号 | 图示 | 重量 |
|------|---|----|------|
| 组合刀柄 | BT50-BST系列 | | - |
| 连接盘 | BST-FL200 | | 2.7 |
| 横向滑板 | DST200 | | 3.4 |
| | DST300 | | 5.4 |
| | DST400 | | 7.4 |
| | DST500 | | 9.4 |
| | DST600 | | 11.4 |
| | DST700 | | 13.4 |
| | DST800 | | 15.4 |
| 平衡滑块 | DBN300 | | 1.6 |
| 微调滑块 | CB200 | | |
| 适用刀片 | TPGH080202/M2.2/T7, TPGH090204/M2.5/T8, TCMT110204/M2.5/T8, TPGH110304/M3/T15 | | |

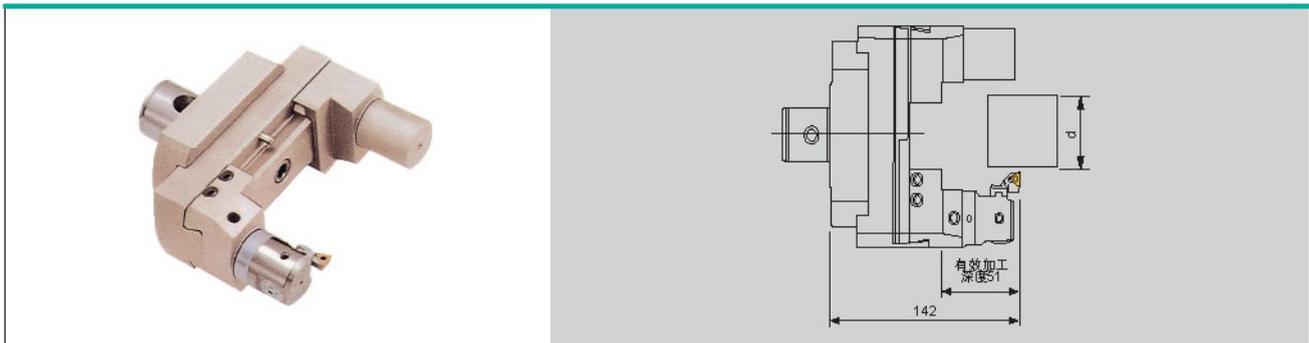
CBH-M反镗头



| 加工直径 | 基础架 | 镗头 | 平衡块 | 刀片座 | 刀片 |
|---------|--------------------------|----------|----------|--------|------------|
| 24-34 | DCK6-2454-42 干涉范围114 | CBH32-60 | DCK3-CBH | CBH3-3 | TPGH080202 |
| 34-44 | | CBH32-60 | DCK3-CBH | CBH3-2 | TPGH080202 |
| 44-54 | | CBH32-60 | DCK3-CBH | CBH3-1 | TPGH080202 |
| 52-62 | DCK6-5282-42 干涉范围142 | CBH32-60 | DCK3-CBH | CBH3-3 | TPGH080202 |
| 62-72 | | CBH32-60 | DCK3-CBH | CBH3-2 | TPGH080202 |
| 72-82 | | CBH32-60 | DCK3-CBH | CBH3-1 | TPGH080202 |
| 80-90 | DCK6-80110-42 干涉范围170 | CBH32-60 | DCK3-CBH | CBH3-3 | TPGH080202 |
| 90-100 | | CBH32-60 | DCK3-CBH | CBH3-2 | TPGH080202 |
| 100-110 | | CBH32-60 | DCK3-CBH | CBH3-1 | TPGH080202 |

注意：1、不包括镗头、平衡块、刀片座及刀片。2、主轴反转。3、镗孔加工时主轴正转。

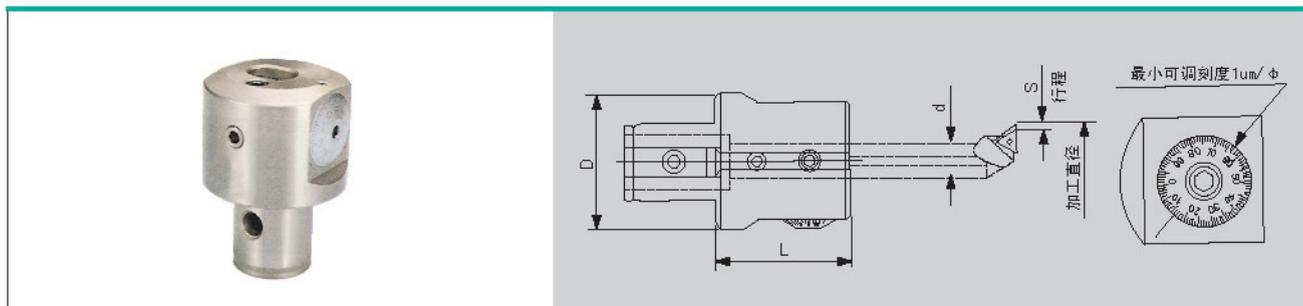
CBH-L反镗头



| 加工直径 | 连接盘 | 横向滑板 | | 滑块 | 镗头 | 平衡块 |
|---------|------------|---------|-----|------------|--|------|
| | | 型号 | L | | | |
| 13-101 | DCK6-FL200 | DST-200 | 180 | CB200-DCK4 | CBH41-74 刀片座4-1 刀片 TCGH110204 TPGH110304 | DCK4 |
| 100-201 | DCK6-FL200 | DST-300 | 280 | CB200-DCK4 | | DCK4 |
| 200-301 | DCK6-FL200 | DST-400 | 380 | CB200-DCK4 | | DCK4 |
| 300-401 | DCK6-FL200 | DST-500 | 480 | CB200-DCK4 | | DCK4 |
| 400-501 | DCK6-FL200 | DST-600 | 580 | CB200-DCK4 | | DCK4 |
| 500-601 | DCK6-FL200 | DST-700 | 680 | CB200-DCK4 | | DCK4 |
| 600-701 | DCK6-FL200 | DST-800 | 780 | CB200-DCK4 | | DCK4 |

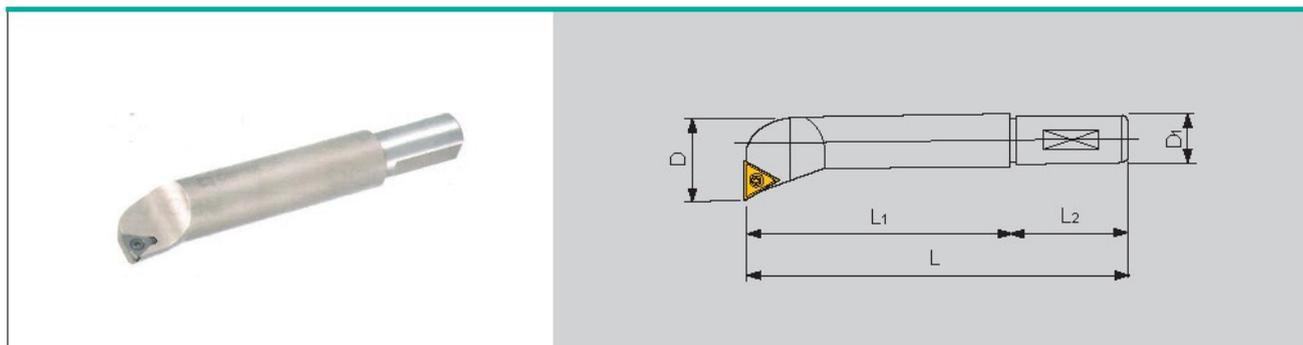
注意：1、CBH镗头上附带1只刀片座（CBH4-1），但不附带刀片，请另外订购。2、加工时，主轴应反转。

DBJ16微调精密镗头



| 型号 | 基本尺寸(mm) | | | 微调行程 | 微调精度(直径) | 镗孔范围 | 组合刀柄 | 重量 |
|-------|----------|----|----|------|----------|------|------|------|
| | D | d | L | | | | | |
| DBJ16 | 63 | 16 | 50 | 6 | 0.01 | 8-50 | DCK6 | 1.60 |

DBJ16微调精镗刀杆



| 型号 | 基本尺寸(mm) | | | | | 镗孔范围 | 刀片型号 | 螺丝 | 扳手 | 重量 | |
|-----|----------|----|----|----|----|------|-------|-----------|------|----|------|
| | D | D1 | L1 | L2 | L | | | | | | |
| DBJ | 1608-32 | 8 | 16 | 32 | 32 | 74 | 8-11 | TBGH0601L | M2 | T6 | 0.06 |
| | 1610-40 | 10 | 16 | 40 | 32 | 75 | 10-13 | TBGH0601L | M2 | T6 | 0.07 |
| | 1612-53 | 12 | 16 | 53 | 32 | 88 | 12-17 | TPGH0902L | M2.5 | T8 | 0.08 |
| | 1616-68 | 16 | 16 | 68 | 32 | 100 | 16-21 | TPGH0902L | M2.5 | T8 | 0.12 |
| | 1620-83 | 20 | 16 | 83 | 32 | 118 | 20-26 | TPGH1103L | M3 | T8 | 0.16 |
| | 1625-90 | 25 | 16 | 90 | 32 | 122 | 25-32 | TPGH1103L | M3 | T8 | 0.25 |
| | 1630-90 | 30 | 16 | 90 | 32 | 122 | 30-42 | TPGH1103L | M3 | T8 | 0.30 |
| | 1640-90 | 40 | 16 | 90 | 32 | 122 | 40-50 | TPGH1103L | M3 | T8 | 0.40 |

DBJ16微调精镗
套装组合

| (八支套装) DBJ-16-8PCS | | 型号 | |
|-----------------------|--|------------|------------|
| | | DBJ1608-32 | DBJ1620-83 |
| | | DBJ1610-40 | DBJ1625-90 |
| | | DBJ1612-53 | DBJ1630-90 |
| | | DBJ1616-68 | DBJ1640-90 |

| 型号 | 镗孔范围 | 内付零件 | |
|-----------------|------|----------------|----------------|
| BT40-DBJ16-8PCS | 8-50 | 1. DCK刀柄一把 | 3. DBJ16精镗刀杆八支 |
| BT50-DBJ16-8PCS | 8-50 | 2. DBJ16精密镗头一支 | 4. 扳手四支 |

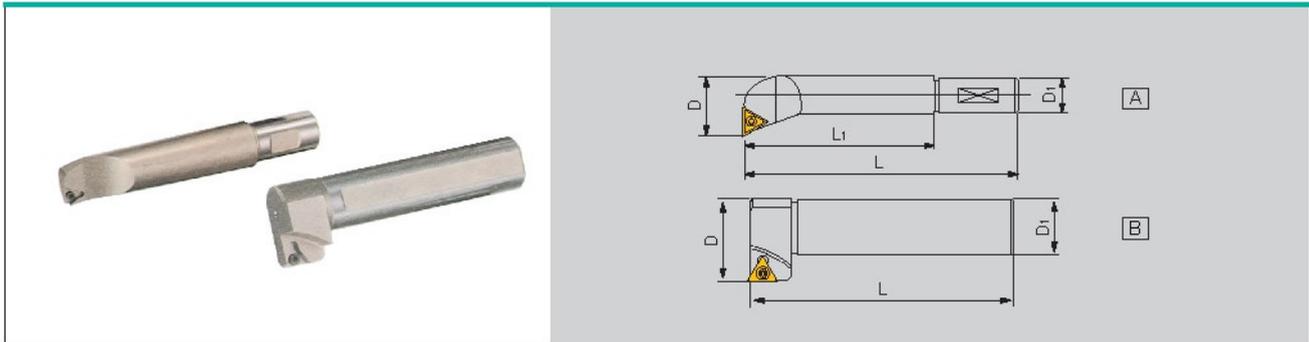


NBH2084微调精密镗孔刀头



| 型号 | 基本尺寸(mm) | | | | | 镗孔范围 | 微调行程 | 微调精度 (直径) | 组合刀柄 | 重量 |
|----------|----------|----|----|----|----|------------|------|--------------|--------|-----|
| | D | d | d1 | d2 | L | | | | | |
| NBH2084S | 84 | 20 | 35 | 60 | 80 | 8-280配合镗刀杆 | 28 | 0.01 | NBH-AB | 2.6 |

DBJ20微调精镗刀杆



| 型号 | 图示 | 基本尺寸(mm) | | | | 镗孔范围 | 刀片型号 | 螺丝 | 扳手 | 重量 | |
|-----|----------|----------|----|----|-----|------|---------|-----------|------|----|------|
| | | D | D1 | L1 | L | | | | | | |
| DBJ | 2008-32 | A | 8 | 20 | 32 | 74 | 8-11 | TBGH0601L | M2 | T6 | 0.09 |
| | 2010-40 | A | 10 | 20 | 40 | 75 | 10-13 | TBGH0601L | M2 | T6 | 0.1 |
| | 2012-53 | A | 12 | 20 | 53 | 88 | 12-17 | TPGH0902L | M2.5 | T8 | 0.11 |
| | 2016-68 | A | 16 | 20 | 68 | 103 | 16-21 | TPGH0902L | M2.5 | T8 | 0.15 |
| | 2020-83 | A | 20 | 20 | 83 | 115 | 20-26 | TPGH1103L | M3 | T8 | 0.2 |
| | 2025-96 | A | 25 | 20 | 96 | 131 | 25-135 | TPGH1103L | M3 | T8 | 0.3 |
| | 2030-115 | A | 30 | 20 | 115 | 159 | 30-140 | TPGH1103L | M3 | T8 | 0.5 |
| | 20120-L | B | 30 | 20 | - | 97 | 120-280 | TPGH1103L | M3 | T8 | 0.25 |

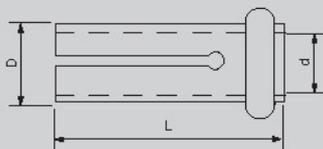
NBH2084微调精镗 套装组合

| (八支套装) DBJ-16-8PCS | | 型号 | |
|-----------------------|--|------------|------------|
| | | DBJ1608-32 | DBJ1620-83 |
| | | DBJ1610-40 | DBJ1625-90 |
| | | DBJ1612-53 | DBJ1630-90 |
| | | DBJ1616-68 | DBJ1640-90 |

| 型号 | 镗孔范围 | 内付零件 |
|-------------------|-------|---------------------------------|
| BT40-NBH2084-8PCS | 8-280 | 1. NBH2084-A刀柄一把 3. DBJ20精镗刀杆八支 |
| BT50-NBH2084-8PCS | 8-280 | 2. NBH2084精密镗头一支 4. 扳手四支 |



DBJ钨钢刀杆专用套筒



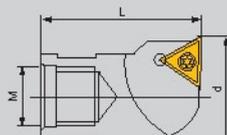
| 型号 | 基本尺寸(mm) | | | |
|-----|----------|----|----|----|
| | D | d | L | |
| DBJ | 16-8 | 16 | 8 | 37 |
| | 16-10 | 16 | 10 | 37 |
| | 16-12 | 16 | 12 | 37 |
| | 16-14 | 16 | 14 | 37 |

DT抗震钨钢刀杆



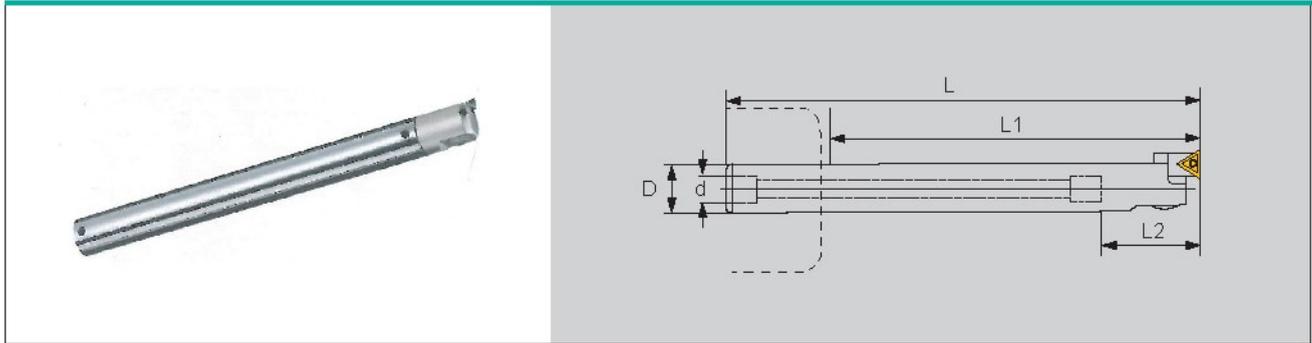
| 型号 | 基本尺寸(mm) | | | 镗孔范围 | 组合镗头 | |
|----|------------|----|-----|------|-------|---------------|
| | D | L | M | | | |
| DT | 08-M5-100 | 8 | 100 | M5 | 9-13 | DEB09N |
| | 10-M6-110 | 10 | 110 | M6 | 12-15 | DEB12N |
| | 12-M6-120 | 12 | 120 | M6 | 14-17 | DEB14N |
| | 14-M6-160 | 14 | 160 | M6 | 16-20 | DEB16N |
| | 16-M10-160 | 16 | 160 | M10 | 18-42 | DEB18N DEB40N |

DEB舍弃式镗头



| 型号 | 基本尺寸(mm) | | | 镗孔范围 | 刀片型号 | 螺丝 | 扳手 |
|-----|----------|-----|-------|---------|------------|--------|----|
| | D | L | M | | | | |
| DEB | 09 | 18 | M5 | 9-10.5 | TPGH080202 | M2.2x5 | T6 |
| | 10.5 | 18 | M5 | 10.5-12 | | | |
| | 12 | 23 | M6 | 12-14 | | | |
| | 14 | 23 | M6 | 14-16 | | | |
| | 16 | 23 | M6 | 16-18 | | | |
| | 18 | 27 | M10 | 18-20 | | | |
| | 20 | 27 | M10 | 20-22 | | | |
| | 22 | 27 | M10 | 22-24 | | | |
| | 24 | 27 | M10 | 24-26 | | | |
| | 26 | 27 | M10 | 26-28 | | | |
| | 28 | 27 | M10 | 28-30 | | | |
| | 30 | 27 | M10 | 30-32 | | | |
| | 32 | 27 | M10 | 32-34 | | | |
| | 34 | 27 | M10 | 34-36 | | | |
| | 36 | 27 | M10 | 36-38 | | | |
| 38 | 27 | M10 | 38-40 | | | | |
| 40 | 27 | M10 | 40-42 | | | | |

超硬整体碳化钨钢镗刀杆

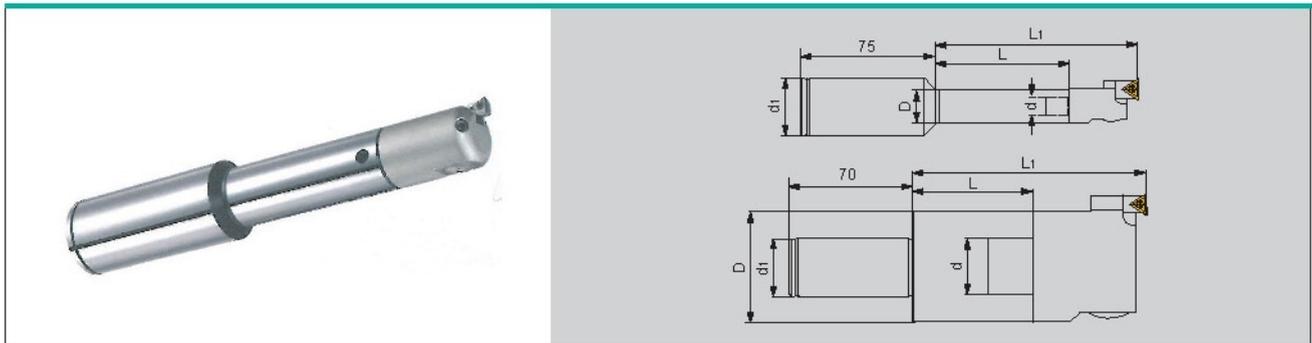


| 型号 | 基本尺寸(mm) | | | | | 组合镗头 | 加长直径 | |
|-----|----------|----|----|-----|------|------|----------|-----------|
| | D | d | L1 | L2 | L | | | |
| C19 | DCK1-150 | 19 | 11 | 150 | 32.5 | 225 | CBH20-35 | 19.8-25.2 |
| | DCK1-200 | 19 | 11 | 200 | 32.5 | 275 | CBH20-35 | 19.8-25.2 |
| C24 | DCK2-180 | 24 | 14 | 180 | 35.5 | 260 | CBH25-40 | 24.8-32.2 |
| | DCK2-240 | 24 | 14 | 240 | 35.5 | 320 | CBH25-40 | 24.8-32.2 |
| C32 | DCK3-310 | 31 | 18 | 310 | 40 | 390 | CBH32-40 | 31.8-42.2 |

特点:

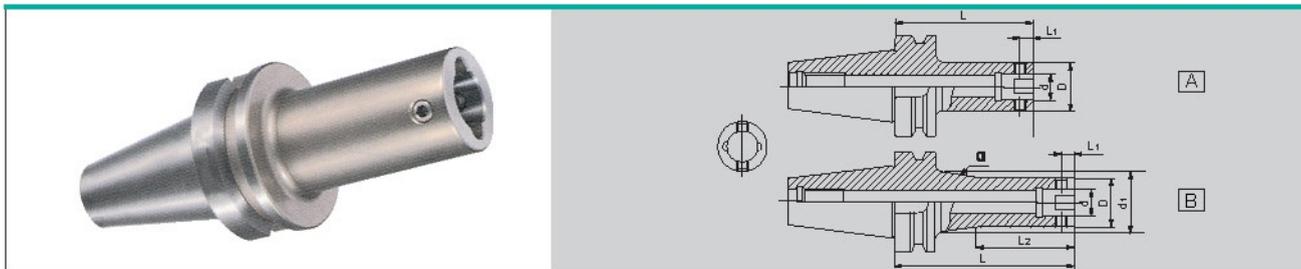
- 超硬碳化钨制镗刀杆, 使用高韧性配方制造, 坚韧耐用, 实现高硬度、高耐性、高抗震性, 可施行超深孔架空 (10D)。
- 各种规格均有内部水孔, 深孔加工时排屑及冷却效果良好。
- 直柄结构, 加工深度可依加工需求自行调整。
- 本体两端均设有结合孔, 如遇一端损坏时, 另一端即能配合使用, 增加刀杆本身价值, 更复合经济效益。

C32直柄镗刀杆



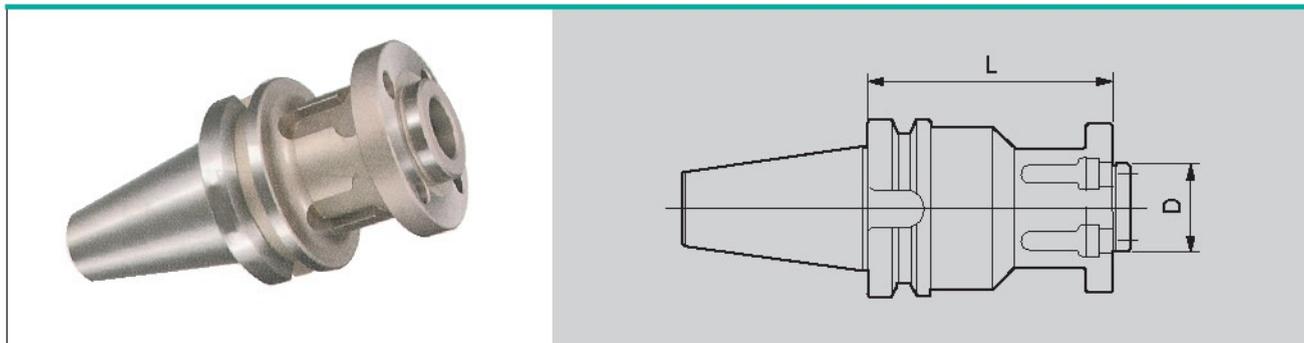
| 型号 | 基本尺寸(mm) | | | | | 组合镗头 | |
|-----------|-----------|----|----|-----|-----|------|--|
| | D | d | d1 | L1 | L | | |
| C32 | DCK1-075L | 19 | 11 | 32 | 110 | 75 | CBH20-35、DYD19、DYD22 |
| | DCK2-070L | 24 | 14 | 32 | 110 | 70 | CBH25-40、DBH2533、DYD29 |
| | DCK2-120L | 24 | 14 | 32 | 160 | 120 | CBH25-40、DBH2533、DYD29 |
| | DCK3-070L | 31 | 18 | 32 | 110 | 70 | CBH32-40、DBH3242、DYD38 |
| | DCK3-120L | 31 | 18 | 32 | 160 | 120 | CBH32-40、DBH3242、DYD38 |
| | DCK4-060L | 39 | 22 | 32 | 110 | 60 | CBH42-50、DBH4055、DYD48 |
| | DCK4-110L | 39 | 22 | 32 | 160 | 110 | CBH42-50、DBH4055、DYD48 |
| | DCK5-060L | 50 | 28 | 32 | 120 | 60 | CBH55-60、DBH5270、DYD62 |
| | DCK5-120L | 50 | 28 | 32 | 180 | 120 | CBH55-60、DBH5270、DYD62 |
| | DCK6-060L | 64 | 36 | 32 | 130 | 60 | CBH70-70、CBH84-72、CBH106-72、CBH150-88、DBH6892、DBH90122、DYD82、DYD105、DYD135 |
| DCK6-120L | 64 | 36 | 32 | 190 | 120 | | |

DCK镗头刀柄



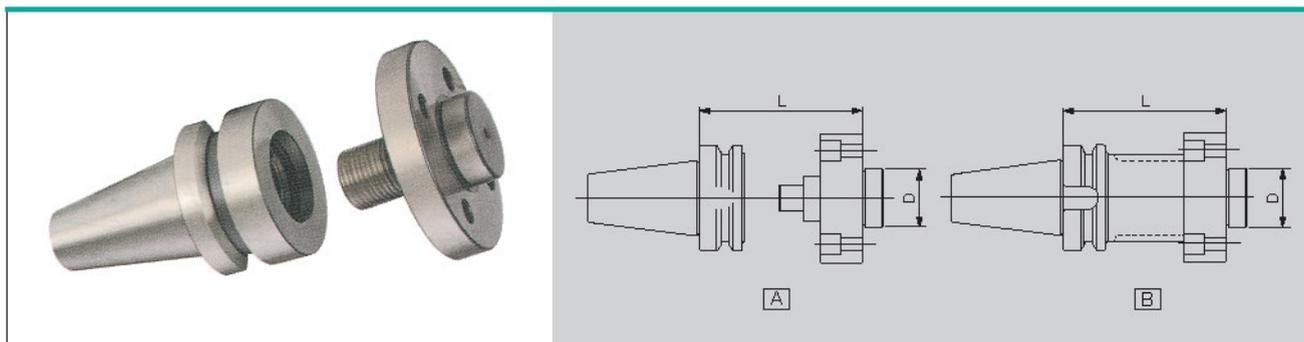
| 型号 | 图示 | 基本尺寸(mm) | | | | | | | 侧固锥度螺丝 | 重量 | |
|----------|-----------|----------|----|------|----|------|-----|----------|--------|------|------|
| | | D | d1 | d | L1 | L2 | L | α | | | |
| BT30 | DCK1-55 | A | 19 | - | 11 | 5.05 | - | 55 | - | M5 | 0.65 |
| | DCK1-70 | A | 19 | - | 11 | 5.05 | - | 70 | - | M5 | 0.7 |
| | DCK2-80 | A | 24 | - | 14 | 6.62 | - | 80 | - | M5 | 0.8 |
| | DCK3-80 | A | 31 | - | 18 | 8 | - | 80 | - | M6 | 0.9 |
| | DCK4-70 | A | 39 | - | 22 | 10 | - | 70 | - | M8 | 1.0 |
| | DCK5-70 | A | 50 | - | 28 | 13 | - | 70 | - | M10 | 1.1 |
| BT40 | DCK6-60 | A | 64 | - | 36 | 16 | - | 60 | - | M12 | 1.2 |
| | DCK1-100L | B | 19 | 20.5 | 11 | 5.05 | 60 | 100 | 10° | M5 | 1.2 |
| | DCK1-130L | B | 19 | 25.5 | 11 | 5.05 | 60 | 130 | 10° | M5 | 1.3 |
| | DCK2-75 | A | 24 | - | 14 | 6.62 | - | 75 | - | M5 | 1.3 |
| | DCK2-100 | A | 24 | - | 14 | 6.62 | - | 100 | - | M5 | 1.4 |
| | DCK2-130L | B | 24 | 35 | 14 | 6.62 | 75 | 130 | 10° | M5 | 1.5 |
| | DCK2-160L | B | 24 | 40 | 14 | 6.62 | 75 | 160 | 10° | M5 | 1.6 |
| | DCK3-80 | A | 31 | - | 18 | 8 | - | 80 | - | M6 | 1.45 |
| | DCK3-100 | A | 31 | - | 18 | 8 | - | 100 | - | M6 | 1.55 |
| | DCK3-135L | B | 31 | 34 | 18 | 8 | 85 | 135 | 10° | M6 | 1.65 |
| | DCK3-165L | B | 31 | 39 | 18 | 8 | 85 | 165 | 10° | M8 | 1.75 |
| | DCK4-70 | A | 39 | - | 22 | 10 | - | 70 | - | M8 | 1.5 |
| | DCK4-100 | A | 39 | - | 22 | 10 | - | 100 | - | M8 | 1.7 |
| | DCK4-150L | B | 39 | 44 | 22 | 10 | 95 | 150 | 10° | M8 | 1.85 |
| | DCK4-170L | B | 39 | 47.5 | 22 | 10 | 95 | 170 | 10° | M8 | 1.95 |
| | DCK5-60 | A | 50 | - | 28 | 13 | - | 60 | - | M10 | 1.8 |
| | DCK5-80 | A | 50 | - | 28 | 13 | - | 80 | - | M10 | 1.95 |
| | DCK5-100 | A | 50 | - | 28 | 13 | - | 100 | - | M10 | 2.05 |
| DCK5-150 | A | 50 | - | 28 | 13 | - | 150 | - | M10 | 2.2 | |
| DCK6-55 | A | 64 | - | 36 | 16 | - | 55 | - | M12 | 2.15 | |
| DCK6-100 | A | 64 | - | 36 | 16 | - | 100 | - | M12 | 2.3 | |
| DCK6-150 | A | 64 | - | 36 | 16 | - | 150 | - | M12 | 2.5 | |
| BT50 | DCK1-115L | B | 19 | 23 | 11 | 5.05 | 60 | 115 | 10° | M5 | 3.5 |
| | DCK1-145L | B | 19 | 28 | 11 | 5.05 | 60 | 145 | 10° | M5 | 3.7 |
| | DCK2-105 | A | 24 | - | 14 | 6.62 | - | 105 | - | M5 | 4.0 |
| | DCK2-135L | B | 24 | 36 | 14 | 6.62 | 75 | 135 | 10° | M5 | 4.2 |
| | DCK2-165L | B | 24 | 41 | 14 | 6.62 | 75 | 165 | 10° | M5 | 4.4 |
| | DCK3-110 | A | 31 | - | 18 | 8 | - | 110 | - | M6 | 4.4 |
| | DCK3-140L | B | 31 | 34.5 | 18 | 8 | 85 | 140 | 10° | M6 | 4.6 |
| | DCK3-170L | B | 31 | 39.5 | 18 | 8 | 85 | 170 | 10° | M6 | 4.8 |
| | DCK4-100 | A | 39 | - | 22 | 10 | - | 100 | - | M8 | 4.8 |
| | DCK4-160L | B | 39 | 36 | 22 | 10 | 95 | 160 | 10° | M8 | 5.2 |
| | DCK4-205L | B | 39 | 41 | 22 | 10 | 95 | 205 | 10° | M8 | 5.5 |
| | DCK5-90 | A | 50 | - | 28 | 13 | - | 90 | - | M10 | 5.4 |
| | DCK5-165 | A | 50 | - | 28 | 13 | - | 165 | - | M10 | 6.2 |
| | DCK5-210L | B | 50 | 58 | 28 | 13 | 120 | 210 | 10° | M10 | 6.4 |
| | DCK5-270L | B | 50 | 68.5 | 28 | 13 | 120 | 270 | 10° | M10 | 6.6 |
| | DCK6-85 | A | 64 | - | 36 | 16 | - | 85 | - | M12 | 5.9 |
| | DCK6-155 | A | 64 | - | 36 | 16 | - | 155 | - | M12 | 6.5 |
| | DCK6-215 | A | 64 | - | 36 | 16 | - | 215 | - | M12 | 6.9 |
| | DCK6-250 | A | 64 | - | 36 | 16 | - | 250 | - | M12 | 7.4 |
| | DCK6-300L | B | 64 | 80 | 36 | 16 | 160 | 300 | 10° | M12 | 7.9 |
| | DCK6-350L | B | 64 | 80 | 36 | 16 | 160 | 350 | 10° | M12 | 8.4 |

BST镗头刀柄



| 型号 | 基本尺寸(mm) | | 重量 | |
|------|----------|----|-----|------|
| | D | L | | |
| BT50 | BST-100 | 50 | 100 | 5.7 |
| | BST-150 | 50 | 150 | 7.4 |
| | BST-200 | 50 | 200 | 8.8 |
| | BST-250 | 50 | 250 | 10.3 |
| | BST-300 | 50 | 300 | 11.3 |
| | BST-350 | 50 | 350 | 12.3 |

NBH2084镗头刀柄

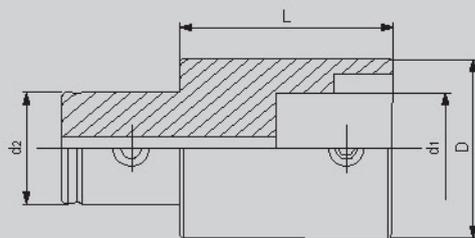


NBH2084精密镗孔刀头基础柄系列

| 型号 | 基本尺寸(mm) | | 重量 | |
|------|----------|----|-----|-----|
| | D | L | | |
| BT40 | NBH-A50 | 35 | 50 | 2.0 |
| BT50 | NBH-A50 | 35 | 50 | 6.3 |
| | NBH-FP60 | 35 | 连接板 | 0.6 |
| BT40 | NBH-B100 | 35 | 100 | 2.5 |
| BT50 | NBH-B100 | 35 | 100 | 4.8 |

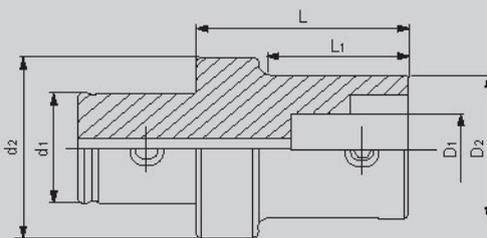
| 型号 | 基本尺寸(mm) | | 重量 | |
|------|---------------|----|-----|------|
| | D | L | | |
| BT40 | BT40-NBH-B165 | 35 | 165 | 7.5 |
| BT50 | BT50-NBH-B200 | 35 | 200 | 9.0 |
| BT40 | BT40-NBH-B250 | 35 | 250 | 10.5 |
| BT50 | BT50-NBH-B300 | 35 | 300 | 12.5 |

DCK等径延长接柄



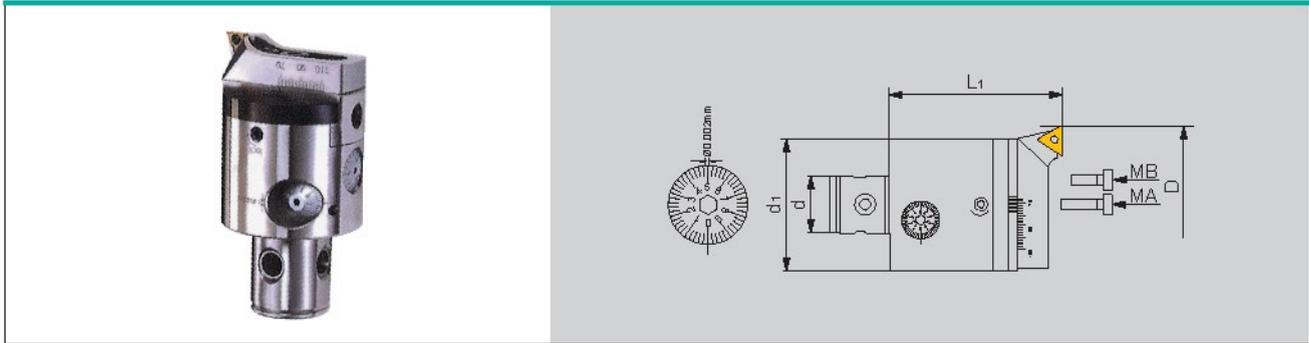
| 型号 | 基本尺寸(mm) | | | | 重量 | |
|-----|----------|----|----|----|-----|------|
| | D | d1 | d2 | L | | |
| DCK | 1-1-30 | 19 | 11 | 11 | 30 | 0.07 |
| | 2-2-30 | 24 | 14 | 14 | 30 | 0.1 |
| | 3-3-30 | 31 | 18 | 18 | 30 | 0.15 |
| | 4-4-45 | 39 | 22 | 22 | 45 | 0.4 |
| | 4-4-60 | 39 | 22 | 22 | 60 | 0.4 |
| | 5-5-60 | 50 | 28 | 28 | 60 | 0.8 |
| | 5-5-90 | 50 | 28 | 28 | 90 | 0.8 |
| | 6-6-60 | 64 | 36 | 36 | 60 | 1.4 |
| | 6-6-100 | 64 | 36 | 36 | 100 | 1.4 |

DCK异径转换接柄 (大接小)



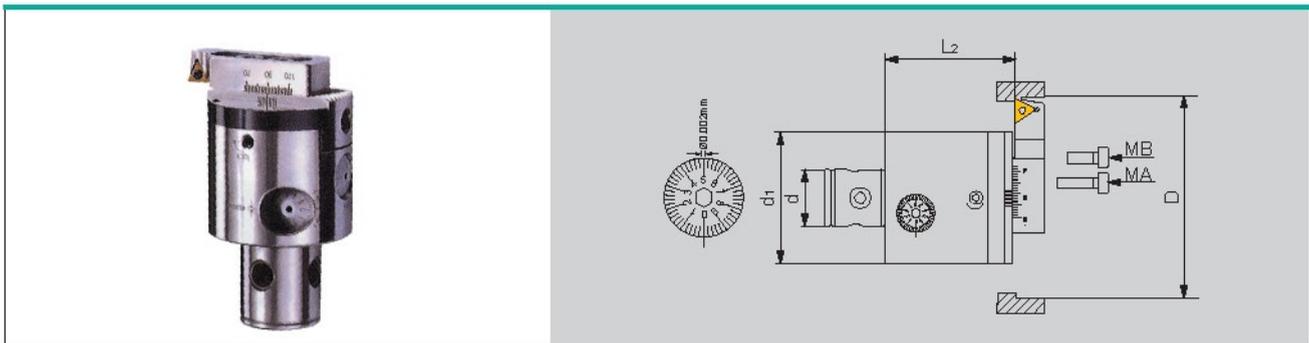
| 型号 | 基本尺寸(mm) | | | | | | 重量 | |
|-----|----------|----|----|----|----|----|-----|------|
| | D1 | D2 | d1 | d2 | L1 | L | | |
| DCK | 2-1-36 | 11 | 19 | 14 | - | 30 | 36 | 0.1 |
| | 3-1-41 | 11 | 19 | 18 | 31 | 30 | 41 | 0.15 |
| | 3-2-37 | 14 | 24 | 18 | 31 | 25 | 37 | 0.15 |
| | 4-1-58 | 11 | 19 | 22 | 39 | 40 | 58 | 0.3 |
| | 4-2-50 | 14 | 24 | 22 | 39 | 36 | 50 | 0.3 |
| | 4-3-50 | 18 | 31 | 22 | 39 | 37 | 50 | 0.35 |
| | 5-1-60 | 11 | 19 | 28 | 39 | 40 | 60 | 0.45 |
| | 5-2-54 | 14 | 24 | 28 | 50 | 35 | 54 | 0.45 |
| | 5-2-74 | 14 | 24 | 28 | 50 | 55 | 74 | 0.5 |
| | 5-3-47 | 18 | 31 | 28 | 50 | 29 | 47 | 0.5 |
| | 5-3-72 | 18 | 31 | 28 | 50 | 54 | 72 | 0.6 |
| | 5-4-42 | 22 | 39 | 28 | 50 | 25 | 42 | 0.5 |
| | 5-4-67 | 22 | 39 | 28 | 50 | 50 | 67 | 0.7 |
| | 6-1-70 | 11 | 19 | 36 | 64 | 40 | 70 | 0.9 |
| | 6-2-63 | 14 | 24 | 36 | 64 | 45 | 63 | 0.7 |
| | 6-2-93 | 14 | 24 | 36 | 64 | 75 | 93 | 0.8 |
| | 6-3-56 | 18 | 31 | 36 | 64 | 39 | 56 | 0.75 |
| | 6-3-96 | 18 | 31 | 36 | 64 | 79 | 96 | 0.95 |
| | 6-4-51 | 22 | 39 | 36 | 64 | 35 | 51 | 0.85 |
| | 6-4-101 | 22 | 39 | 36 | 64 | 85 | 101 | 1.3 |
| | 6-5-41 | 28 | 50 | 36 | 64 | 25 | 41 | 0.85 |
| | 6-5-91 | 28 | 50 | 36 | 64 | 75 | 91 | 1.45 |

FBH极细微调精镗刀



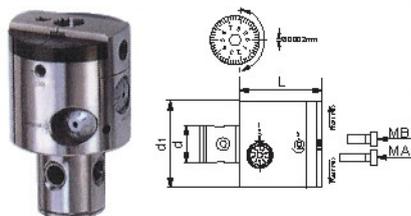
| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合刀柄 | 精镗刀座 | 重量 | |
|-----|------------|----|------|---------|------|------------|------|
| | d1 | L1 | | | | | |
| DCK | 2-FBH25-M | 25 | 50 | 29-38 | DCK2 | MLTP2938 | 0.16 |
| | 3-FBH32-M | 32 | 63 | 36-52 | DCK3 | MLTP3652 | 0.37 |
| | 4-FBH40-M | 40 | 63 | 44-68 | DCK4 | MLTP4468 | 0.53 |
| | 5-FBH50-BM | 50 | 80 | 57-90 | DCK5 | MLTP5790 | 1.05 |
| | 6-FBH63-BM | 63 | 80 | 70-110 | DCK6 | MLTP70110 | 1.65 |
| | 6-FBH63-BM | 63 | 80 | 110-150 | DCK6 | MLTP110150 | 1.76 |

FBH极细微调精镗反镗刀



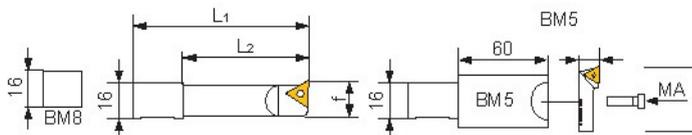
| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合刀柄 | 精镗刀座 | 重量 | |
|-----|-------------|----|------|---------|------|------------|------|
| | d1 | L2 | | | | | |
| DCK | 2-FBH25-MK | 25 | 42 | 29-38 | DCK2 | MRTP2938 | 0.16 |
| | 3-FBH32-MK | 32 | 52 | 36-52 | DCK3 | MRTP3652 | 0.37 |
| | 4-FBH40-MK | 40 | 53 | 44-68 | DCK4 | MRTP4468 | 0.53 |
| | 5-FBH50-BMK | 50 | 63 | 57-90 | DCK5 | MRTP5790 | 1.05 |
| | 6-FBH63-BMK | 63 | 63 | 70-110 | DCK6 | MRTP70110 | 1.65 |
| | 6-FBH63-BMK | 63 | 63 | 110-150 | DCK6 | MRTP110150 | 1.76 |

FBH极细微调精镗刀-精镗刀本体



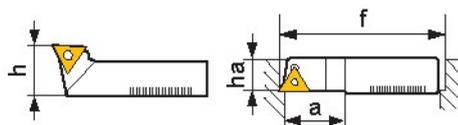
| 型号 | 基本尺寸(mm) | | | Front | Rear | MA Bolt | MB Bolt | 重量 |
|------------|----------|----|----|-------|------|---------|---------|------|
| | d | d1 | L | | | | | |
| DCK2-FBH25 | 14 | 25 | 42 | 1 | 1 | ATH0512 | - | 0.15 |
| DCK3-FBH32 | 18 | 32 | 52 | 2 | 2 | ATH0612 | - | 0.35 |
| DCK4-FBH40 | 22 | 40 | 53 | 2 | 2 | ATH0612 | - | 0.50 |
| DCK5-FBH50 | 28 | 50 | 63 | 2 | 2 | BM8 | - | 0.92 |
| DCK6-FBH63 | 36 | 63 | 63 | 4 | 4 | BM8 | ATH0818 | 1.52 |

FBH精镗刀杆



| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合镗头 | 刀片 | 螺丝 | 扳手 | 重量 | |
|-----|-------------------------------------|----|------|-------|--------------------------|-------------|------|------|------|
| | L1 | L2 | | | | | | | |
| DR | 1606-21 | 55 | 21 | 6-9 | DCK5-FBH50 DCK6-FBH63 | WBG0601..L | M2 | T6 | 0.04 |
| | 1608-28 | 59 | 28 | 8-11 | | TBGT0601..L | M2 | T6 | 0.04 |
| | 1610-35 | 65 | 35 | 10-13 | | TBGT0601..L | M2 | T6 | 0.05 |
| | 1612-42 | 70 | 42 | 12-15 | | TPGT0902..L | M2.5 | T8 | 0.06 |
| | 1614-50 | 77 | 50 | 14-17 | | TPGT0902..L | M2.5 | T8 | 0.07 |
| | 1614-60 | 85 | 60 | 16-20 | | TPGT0902..L | M2.5 | T8 | 0.09 |
| | 1614-65 | 88 | 65 | 20-24 | | TPGH1103..L | M3 | T10 | 0.11 |
| | 1614-68 | 91 | 68 | 24-28 | | TPGH1103..L | M3 | T10 | 0.12 |
| BM5 | 60+MLTP2938 or MLTP4468 or MLTP5790 | | | | | AHL0512 | L4 | 0.25 | |
| BM8 | +MLTP70110 or MLTP110150 | | | | | AHL0820 | L6 | 0.03 | |

FBH精镗刀片座

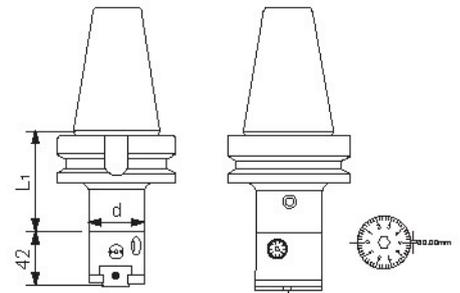


| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合镗头 | 刀片 | 螺丝 | 扳手 | 重量 | |
|------|----------|----|------|---------|------------|-------------|------|-----|------|
| | h | f | | | | | | | |
| MLTP | 2938 | 11 | 27 | 29-38 | DCK2-FBH25 | TPGT0902..L | M2.5 | T8 | 0.01 |
| | 3652 | 13 | 35 | 36-52 | DCK3-FBH32 | TPGT0902..L | M2.5 | T8 | 0.02 |
| | 4468 | 13 | 43 | 44-68 | DCK4-FBH40 | TPGT0902..L | M2.5 | T8 | 0.03 |
| | 5790 | 20 | 54 | 57-90 | DCK5-FBH50 | TPGH1103..L | M3 | T10 | 0.10 |
| | 70110 | 20 | 66 | 70-110 | DCK6-FBH63 | TPGH1103..L | M3 | T10 | 0.10 |
| | 110150 | 20 | 106 | 110-150 | DCK6-FBH63 | TPGH1103..L | M3 | T10 | 0.21 |

FBH精镗反镗刀片座

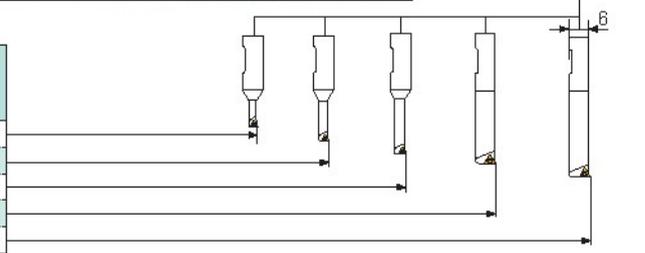
| 型号 | 基本尺寸(mm) | | | 镗孔范围 | 组合镗头 | 刀片 | 螺丝 | 扳手 | 重量 | |
|------|----------|----|----|------|---------|------------|-------------|------|-----|------|
| | a | ha | f | | | | | | | |
| MRTP | 2938 | 6 | 11 | 27 | 29-38 | DCK2-FBH25 | TPGT0902..L | M2.5 | T8 | 0.01 |
| | 3652 | 10 | 11 | 35 | 36-52 | DCK3-FBH32 | TPGT0902..L | M2.5 | T8 | 0.02 |
| | 4468 | 12 | 11 | 43 | 44-68 | DCK4-FBH40 | TPGT0902..L | M2.5 | T8 | 0.03 |
| | 5790 | 14 | 15 | 54 | 57-90 | DCK5-FBH50 | TPGH1103..L | M3 | T10 | 0.10 |
| | 70110 | 16 | 15 | 66 | 70-110 | DCK6-FBH63 | TPGH1103..L | M3 | T10 | 0.10 |
| | 110150 | 25 | 15 | 106 | 110-150 | DCK6-FBH63 | TPGH1103..L | M3 | T10 | 0.21 |

DCK2-FBH25P 极细微调精镗孔 系统

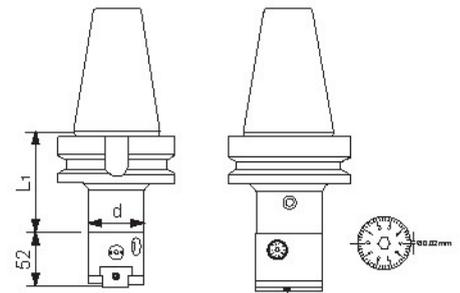


| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合刀柄 | 重量 |
|------------------|----------|--|------|--------------|------|
| | L1 | | | | |
| BT30-DCK2-FBH25P | 80 | | 2-6 | BT30-DCK2-80 | 0.71 |
| BT40-DCK2-FBH25P | 75 | | 2-6 | BT40-DCK2-75 | 1.30 |

| 精镗孔刀杆 | 镗孔范围 | 深度 | 重量 |
|-----------|-------|----|------|
| TA0602-10 | 2-3.2 | 10 | 0.01 |
| TA0603-16 | 3-4.2 | 16 | 0.01 |
| TA0604-22 | 4-5.2 | 22 | 0.02 |
| TA0605-28 | 5-6.2 | 28 | 0.02 |
| TA0606-32 | 6-7.2 | 32 | 0.02 |

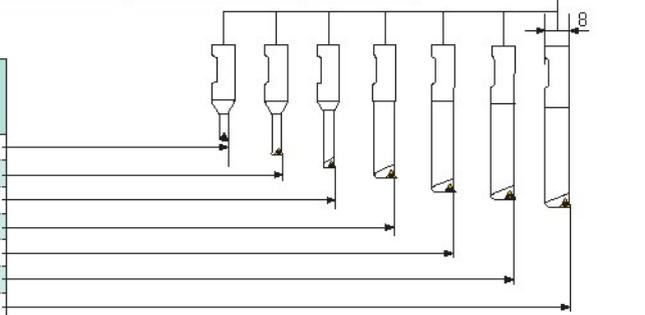


DCK3-FBH32P 极细微调精镗孔 系统

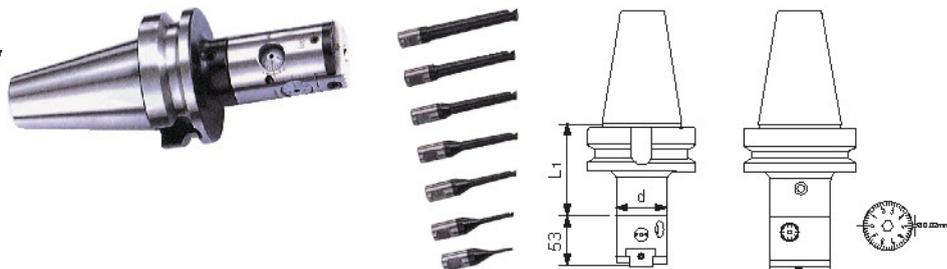


| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合刀柄 | 重量 |
|------------------|----------|--|------|--------------|------|
| | L1 | | | | |
| BT30-DCK3-FBH32P | 80 | | 2-8 | BT30-DCK3-80 | 1.02 |
| BT40-DCK3-FBH32P | 80 | | 2-8 | BT40-DCK3-80 | 1.61 |

| 精镗孔刀杆 | 镗孔范围 | 深度 | 重量 |
|-----------|-------|----|------|
| TA0802-10 | 2-3.2 | 10 | 0.03 |
| TA0803-16 | 3-4.2 | 16 | 0.03 |
| TA0804-22 | 4-5.2 | 22 | 0.03 |
| TA0805-28 | 5-6.2 | 28 | 0.04 |
| TA0806-32 | 6-7.2 | 32 | 0.04 |
| TA0807-36 | 7-8.2 | 36 | 0.04 |
| TA0808-42 | 8-9.2 | 42 | 0.05 |

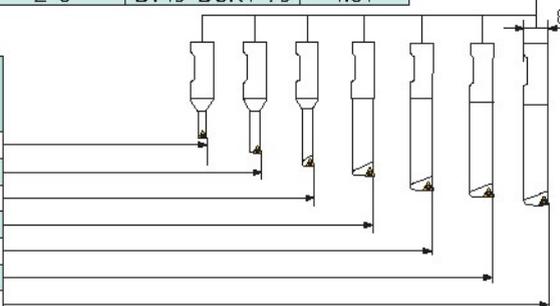


DCK4-FBH40P 极细微调精镗孔 系统

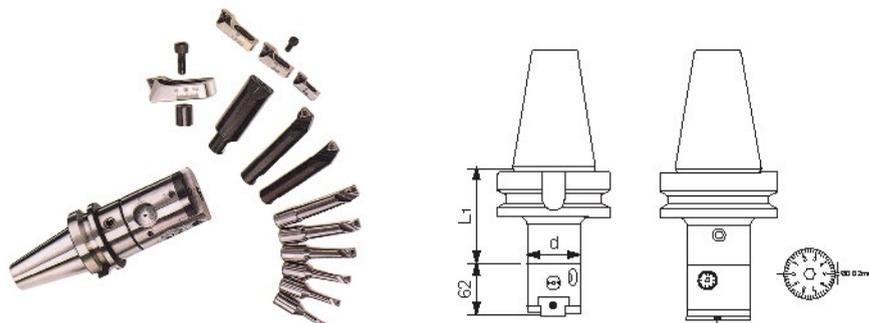


| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合刀柄 | 重量 |
|------------------|----------|--|------|--------------|------|
| | L1 | | | | |
| BT30-DCK4-FBH40P | 70 | | 2-8 | BT30-DCK4-70 | 1.21 |
| BT40-DCK4-FBH40P | 70 | | 2-8 | BT40-DCK4-70 | 1.61 |

| 精镗孔刀杆 | 镗孔范围 | 深度 | 重量 |
|-----------|-------|----|------|
| CA0802-09 | 2-3.2 | 9 | 0.03 |
| CA0803-16 | 3-4.2 | 16 | 0.03 |
| CA0804-22 | 4-5.2 | 22 | 0.03 |
| CA0805-27 | 5-6.2 | 27 | 0.04 |
| CA0806-32 | 6-7.2 | 32 | 0.04 |
| CA0807-37 | 7-8.2 | 37 | 0.04 |
| CA0808-42 | 8-9.2 | 42 | 0.05 |

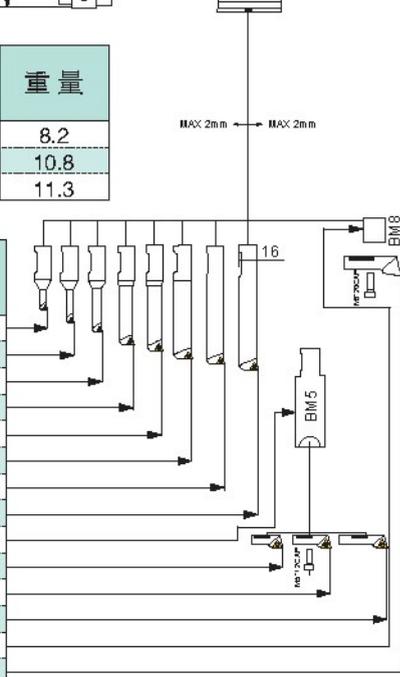


DCK5-FBH50P 极细微调精镗孔 系统

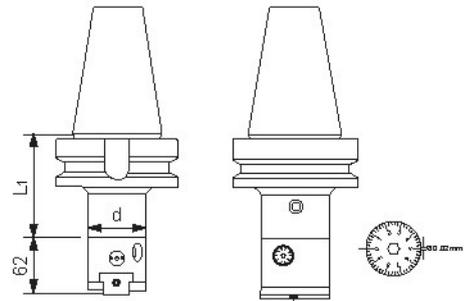


| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合刀柄 | 重量 |
|------------------|----------|--|------|--------------|------|
| | L1 | | | | |
| BT30-DCK5-FBH50P | 70 | | 6-90 | BT30-DCK5-70 | 8.2 |
| BT40-DCK5-FBH50P | 80 | | 6-90 | BT40-DCK5-80 | 10.8 |
| BT50-DCK5-FBH50P | 90 | | 6-90 | BT40-DCK5-90 | 11.3 |

| 精镗孔刀杆 | 镗孔范围 | 深度 | 刀片 | 螺丝 | 扳手 | 重量 |
|-----------|-------|-------------------------------------|-------------|------|-----|------|
| BR1606-21 | 6-9 | 21 | WBG0601..L | M2 | T6 | 0.04 |
| BR1608-28 | 8-11 | 28 | TBGT0601..L | M2 | T6 | 0.04 |
| BR1610-35 | 10-13 | 35 | TBGT0601..L | M2 | T6 | 0.05 |
| BR1612-42 | 12-15 | 42 | TPGH0902..L | M2.5 | T8 | 0.06 |
| BR1614-50 | 14-17 | 50 | TPGH0902..L | M2.5 | T8 | 0.07 |
| BR1616-60 | 16-20 | 60 | TPGH0902..L | M2.5 | T8 | 0.09 |
| BR1620-65 | 20-24 | 65 | TPGH1103..L | M3 | T8 | 0.11 |
| BR1624-68 | 24-28 | 68 | TPGH1103..L | M3 | T8 | 0.12 |
| BM5 | | 60-MLTP2938 or MLTP3652 or MLTP4468 | AHL0512 | L4 | L4 | 0.25 |
| MLTP2938 | 29-38 | +10 | TPGH0902..L | M2.5 | T8 | 0.01 |
| MLTP3652 | 36-52 | +12 | TPGH0902..L | M2.5 | T8 | 0.02 |
| MLTP4468 | 44-68 | +12 | TPGH0902..L | M2.5 | T8 | 0.03 |
| BM8 | | +MLTP5790 | AHL0820 | L6 | L6 | 0.03 |
| MLTP5790 | 57-90 | +20 | TPGH1103..L | M3 | T10 | 0.10 |

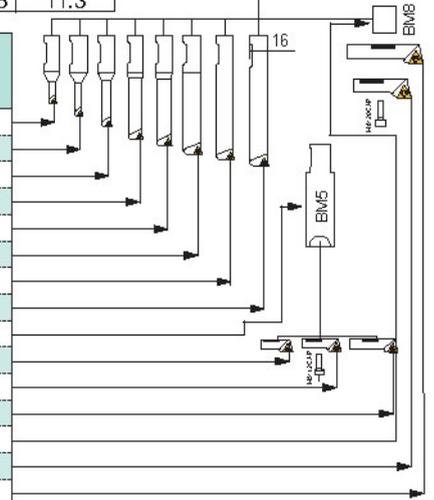


DCK6-FBH63P 极细微调精镗孔 系统

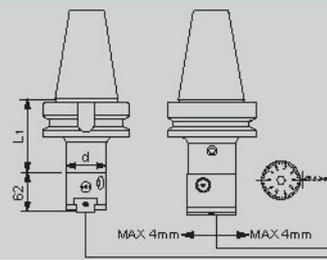


| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合刀柄 | 重量 |
|------------------|----------|--|-------|---------------|------|
| | L1 | | | | |
| BT30-DCK6-FBH63P | 55 | | 6-150 | BT50-DCK6-55 | 8.2 |
| BT40-DCK6-FBH63P | 85 | | 6-150 | BT50-DCK6-85 | 10.8 |
| BT50-DCK6-FBH63P | 155 | | 6-150 | BT50-DCK6-155 | 11.3 |

| 精镗孔刀杆 | 镗孔范围 | 深度 | 刀片 | 螺丝 | 扳手 | 重量 |
|------------|---------|-------------------------------------|-------------|------|-----|------|
| BR1606-21 | 6-9 | 21 | WBG0601..L | M2 | T6 | 0.04 |
| BR1608-28 | 8-11 | 28 | TBGT0601..L | M2 | T6 | 0.04 |
| BR1610-35 | 10-13 | 35 | TBGT0601..L | M2 | T6 | 0.05 |
| BR1612-42 | 12-15 | 42 | TPGH0902..L | M2.5 | T8 | 0.06 |
| BR1614-50 | 14-17 | 50 | TPGH0902..L | M2.5 | T8 | 0.07 |
| BR1616-60 | 16-20 | 60 | TPGH0902..L | M2.5 | T8 | 0.09 |
| BR1620-65 | 20-24 | 65 | TPGH1103..L | M3 | T8 | 0.11 |
| BR1624-68 | 24-28 | 68 | TPGH1103..L | M3 | T8 | 0.12 |
| BM5 | | 60-MLTP2938 or MLTP3652 or MLTP4468 | AHL0512 | L4 | | 0.25 |
| SRTP2938 | 29-38 | +10 | TPGH0902..L | M2.5 | T8 | 0.01 |
| SRTP3652 | 36-52 | +12 | TPGH0902..L | M2.5 | T8 | 0.02 |
| SRTP4468 | 44-68 | +12 | TPGH0902..L | M2.5 | T8 | 0.03 |
| BM8 | | +MLTP5790 | AHL0820 | L6 | | 0.03 |
| SRTP70110 | 70-110 | +20 | TPGH1103..L | M3 | T10 | 0.10 |
| SRTP110150 | 110-150 | +20 | TPGH1103..L | M3 | T10 | 0.21 |

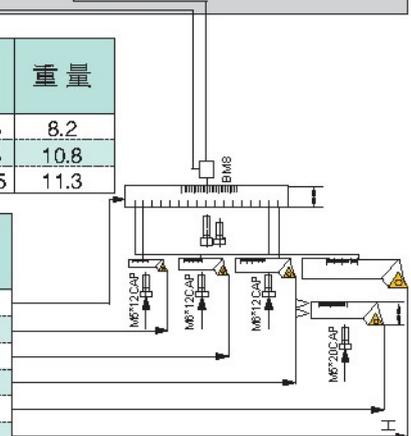


DCK6-FBH63P极细微调精镗孔系统

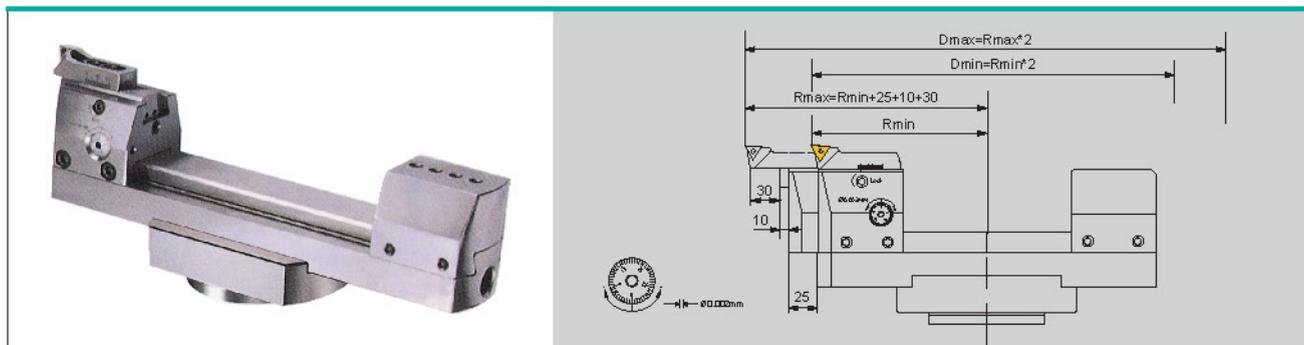


| 型号 | 基本尺寸(mm) | | 镗孔范围 | 组合刀柄 | 重量 |
|------------------|----------|--|-------|---------------|------|
| | L1 | | | | |
| BT30-DCK6-FBH63P | 55 | | 6-150 | BT50-DCK6-55 | 8.2 |
| BT40-DCK6-FBH63P | 85 | | 6-150 | BT50-DCK6-85 | 10.8 |
| BT50-DCK6-FBH63P | 155 | | 6-150 | BT50-DCK6-155 | 11.3 |

| 精镗孔刀杆 | 镗孔范围 | 基本尺寸(mm) | | 重量 |
|------------|---------|----------|--|------|
| | | H | | |
| PS140-20 | +BM8 | 20 | | 0.43 |
| MLTP2938 | 150-200 | 10 | | 0.01 |
| MLTP3652 | 160-210 | 12 | | 0.02 |
| MLTP4468 | 170-220 | 12 | | 0.03 |
| MLTP70110 | 140-240 | 19 | | 0.10 |
| MLTP110150 | 180-280 | 19 | | 0.21 |

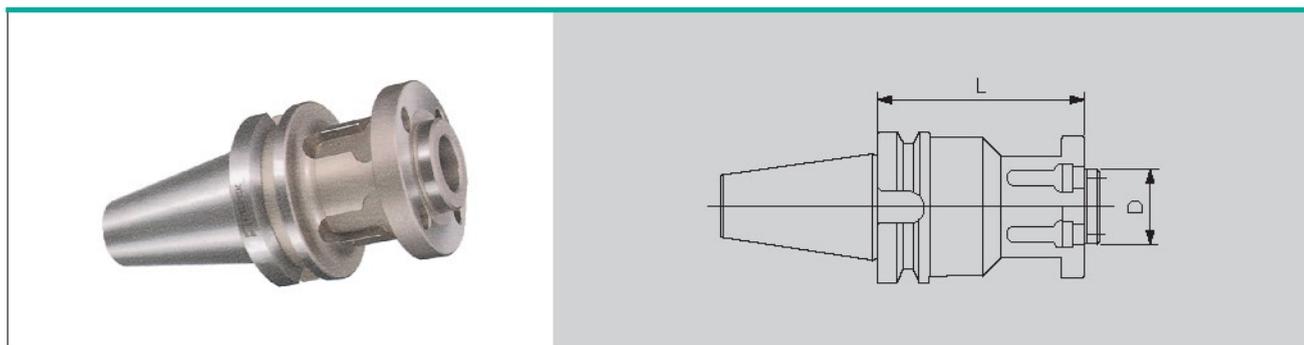


FBH大径极细微调精镗头



| 型号 | 镗孔范围 | 大孔径精镗系统组合 | | | | | 整组重量 | |
|------------|------------|------------|--------|-----------|--------|--------|------------|------|
| | | 横向滑块 | 镗头刀柄 | 大孔径精镗孔刀本体 | 平衡座 | 精镗孔刀座 | | |
| BST | FBH200-310 | 200-260 | DST200 | BST | DSJ200 | DSP200 | MLTP70110 | 9.7 |
| | FBH200-310 | 250-310 | | | | | MLTP110150 | 9.8 |
| | FBH300-410 | 300-360 | | | | | MLTP70110 | 11.7 |
| | FBH300-410 | 350-410 | | | | | MLTP110150 | 11.8 |
| | FBH400-510 | 400-460 | | | | | MLTP70110 | 13.7 |
| | FBH400-510 | 450-510 | | | | | MLTP110150 | 13.8 |
| | FBH500-610 | 500-560 | | | | | MLTP70110 | 15.7 |
| | FBH500-610 | 550-610 | | | | | MLTP110150 | 15.8 |
| | FBH600-710 | 600-660 | | | | | MLTP70110 | 17.7 |
| | FBH600-710 | 650-710 | | | | | MLTP110150 | 17.8 |
| | FBH700-810 | 700-760 | | | | | MLTP70110 | 19.7 |
| | FBH700-810 | 750-810 | | | | | MLTP110150 | 19.8 |
| | FBH800-910 | 800-860 | | | | | MLTP70110 | 21.7 |
| FBH800-910 | 850-910 | MLTP110150 | 21.8 | | | | | |

BST镗头刀柄



| 型号 | 基本尺寸(mm) | | 重量 | |
|------|----------|----|-----|------|
| | D | L | | |
| BT50 | BST-100 | 50 | 100 | 5.7 |
| | BST-150 | 50 | 150 | 7.4 |
| | BST-200 | 50 | 200 | 8.8 |
| | BST-250 | 50 | 250 | 10.3 |
| | BST-300 | 50 | 300 | 11.3 |
| | BST-350 | 50 | 350 | 12.3 |



DSJ精镗刀本体+DSP平衡座

| 型号 | 移动量 | 微调量 | MA Bolt | 扳手 | 重量 |
|---------|-----|-----|---------|-------|------|
| DSJ-200 | 25 | 10 | ATH0816 | L5,L6 | 3.00 |
| DSP-200 | - | - | ATH0816 | L6 | 3.00 |



FBH精镗刀片座

| 型号 | 基本尺寸(mm) | | | 移动量 | 刀片 | 螺丝 | 扳手 | 重量 |
|------------|----------|-----|----|-----------|---------|----|------|----|
| | w | e | | | | | | |
| MLTP70110 | 20 | 66 | 15 | TPGS1103L | ATH0816 | L6 | 0.10 | |
| MLTP110150 | 20 | 106 | 30 | TPGS1103L | ATH0816 | L6 | 0.21 | |



FBH精镗反镗刀片座

| 型号 | 基本尺寸(mm) | | | 移动量 | 刀片 | 螺丝 | 扳手 | 重量 |
|------------|----------|----|-----|-----|-----------|---------|----|------|
| | aw | wk | e | | | | | |
| MRTP70110 | 16 | 15 | 66 | 15 | TPGS1103L | ATH0816 | L6 | 0.10 |
| MRTP110150 | 25 | 15 | 106 | 30 | TPGS1103L | ATH0816 | L6 | 0.21 |

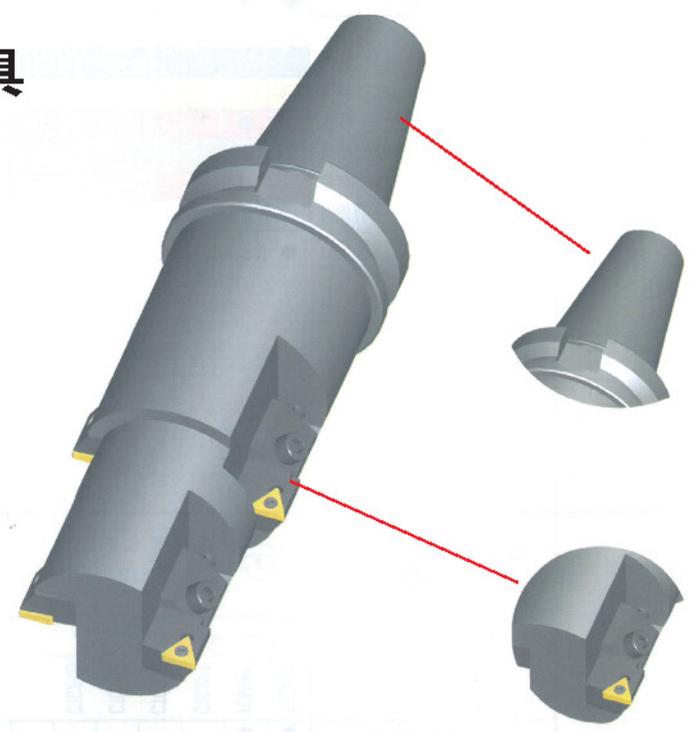
组合镗刀



具体尺寸按客户要求定制!



非标镗削刀具



刀具柄部可以按要求设计

镗削单元可由固定刀片、小刀夹、精镗单元根据需要任意组合

按产品加工要求组合
切削部位在一定条件下可以任意组合，形成组合镗刀

模块化结构
组合镗刀均采用模块式镗削单元，便于设计、制造与使用维护

高效率
一把刀具可以在一次进给下完成多工序加工

可转位精密小刀夹型号编制说明

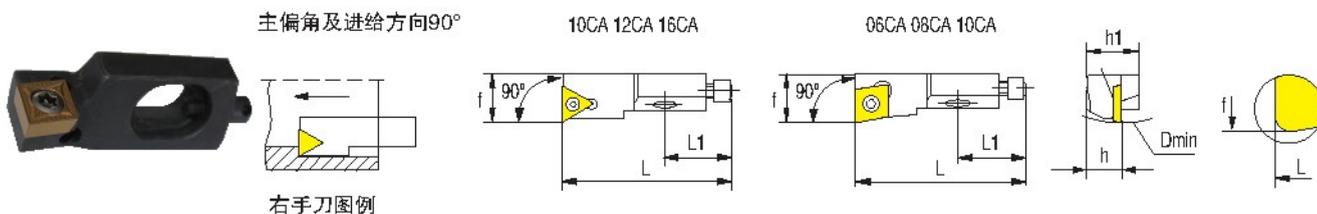
| | | | | | | | | | |
|---|---|---|---|---|----|---|---|---|----|
| S | C | L | C | R | 12 | C | A | - | 12 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

| 1 压紧方式 | 2 刀片形状 | 3 刀头形状 | | |
|--------|--------|--------|---|---|
| | | | | |
| C 上压式 | T | G | T | K |
| | | | | |
| S 螺钉式 | S | F | W | R |
| | | | | |
| P 杠杆式 | C | L | S | |

| 4 刀片后角 | | 5 切削方向 | | 6 切削刃高度 |
|--------|---|--------|---|---------|
| | | | | |
| C | P | R | L | |
| | | | | |
| E | N | R | L | |

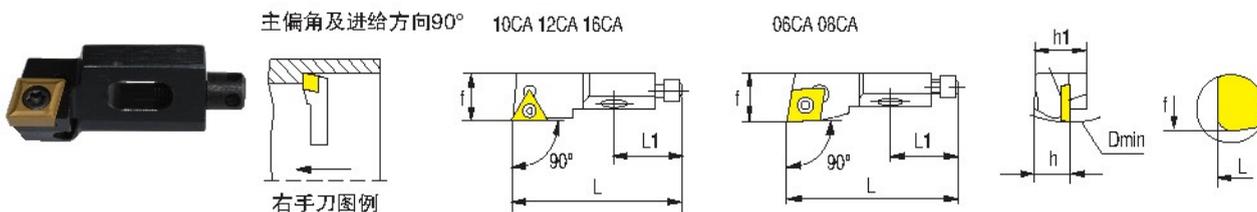
| 7 刀具类型 | 8 设计类型 | 9 刀具长度 | 10 刃口长度 |
|--------|--------------|---------------------|---------|
| C-小刀夹 | A 参照 ISO5611 | 划线表示按ISO5611规定的刀具长度 | |

小刀夹 90°



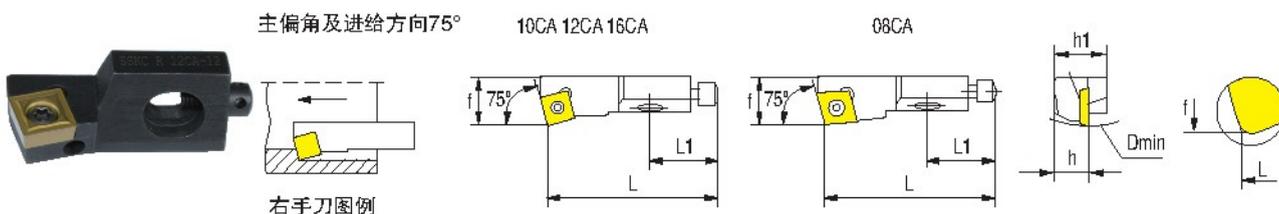
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 螺钉 | 螺钉 | 螺钉 | 螺钉 | 扳手 |
|------------------|----------|----|----|-----|----|------------------|------------|--------------|---------|---------|---------|-----|
| | h | f | L | h1 | l1 | D _{min} | | | | | | |
| SCFC R/L 06CA-05 | 6 | 8 | 25 | 8.5 | 12 | 20 | CP..050204 | L60 M2.2x5 | MS03510 | AS03009 | RS03006 | T6 |
| SCFC R/L 08CA-06 | 8 | 10 | 32 | 10 | 17 | 25 | CC..060204 | L60 M2.2x5.2 | MS04016 | AS04012 | RS03006 | T8 |
| SCFC R/L 10CA-11 | 10 | 14 | 50 | 15 | 20 | 40 | TC..110204 | L60 M2.5x5.2 | MS06020 | AS04015 | RS04008 | T8 |
| SCFC R/L 10CA-09 | 10 | 14 | 50 | 15 | 20 | 40 | CC..09T308 | L60 M4x8.4 | MS06020 | AS04015 | RS04008 | T15 |
| SCFC R/L 12CA-16 | 12 | 20 | 55 | 20 | 20 | 50 | TC..16T308 | L60 M4x8.4 | MS06025 | AS05014 | RS04012 | T15 |
| SCFC R/L 16CA-16 | 16 | 25 | 63 | 21 | 25 | 55 | TC..16T308 | L60 M4x8.4 | MS08030 | AS06019 | RS04012 | T15 |

小刀夹 90°



| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 螺钉 | 螺钉 | 螺钉 | 螺钉 | 扳手 |
|------------------|----------|----|----|-----|----|------------------|------------|--------------|---------|---------|---------|-----|
| | h | f | L | h1 | l1 | D _{min} | | | | | | |
| SCGC R/L 06CA-05 | 6 | 8 | 25 | 8.5 | 12 | 20 | CP..050204 | L60 M2.2x5 | MS03510 | AS03009 | RS03006 | T6 |
| SCGC R/L 08CA-06 | 8 | 10 | 32 | 10 | 17 | 25 | CC..060204 | L60 M2.2x5.2 | MS04016 | AS04012 | RS03006 | T8 |
| SCGC R/L 10CA-11 | 10 | 14 | 50 | 15 | 20 | 40 | TC..110204 | L60 M2.5x5.2 | MS06020 | AS04015 | RS04008 | T8 |
| SCGC R/L 12CA-16 | 12 | 20 | 55 | 20 | 20 | 50 | TC..16T308 | L60 M4x8.4 | MS06025 | AS05014 | RS04012 | T15 |
| SCGC R/L 16CA-16 | 16 | 25 | 63 | 21 | 25 | 55 | TC..16T308 | L60 M4x8.4 | MS08030 | AS06019 | RS04012 | T15 |

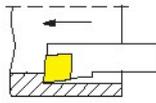
小刀夹 75°



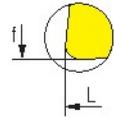
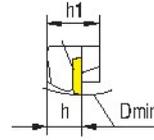
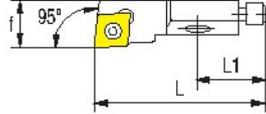
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 螺钉 | 螺钉 | 螺钉 | 螺钉 | 扳手 |
|------------------|----------|----|----|----|----|------------------|------------|--------------|---------|---------|---------|-----|
| | h | f | L | h1 | l1 | D _{min} | | | | | | |
| SCKC R/L 08CA-06 | 8 | 10 | 32 | 10 | 17 | 25 | CC..060204 | L60 M2.5x5.2 | MS04016 | AS04012 | RS03006 | T8 |
| SCKC R/L 10CA-09 | 10 | 14 | 50 | 15 | 20 | 40 | SC..09T308 | L60 M4x8.4 | MS06020 | AS04015 | RS04008 | T15 |
| SCKC R/L 12CA-12 | 12 | 20 | 55 | 20 | 20 | 50 | SC..120408 | L60 M5x10.8 | MS06025 | AS05014 | RS04012 | T20 |
| SCKC R/L 16CA-12 | 16 | 25 | 63 | 21 | 25 | 55 | SC..120408 | L60 M5x10.8 | MS08030 | AS06019 | RS04012 | T20 |

小刀夹 95°

主偏角及进给方向95°



右手刀图例



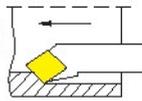
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 螺钉 | 螺钉 | 螺钉 | 螺钉 | 扳手 |
|------------------|----------|----|----|-----|----|------------------|------------|--------------|---------|---------|---------|-----|
| | h | f | L | h1 | l1 | D _{min} | | | | | | |
| SCLC R/L 06CA-05 | 6 | 8 | 25 | 8.5 | 12 | 20 | CP..050204 | L60 M2.2x5 | MS03510 | AS03009 | RS03006 | T6 |
| SCLC R/L 08CA-06 | 8 | 10 | 32 | 10 | 17 | 25 | CC..060204 | L60 M2.5x5.2 | MS04016 | AS04012 | RS03006 | T8 |
| SCLC R/L 10CA-09 | 10 | 14 | 50 | 15 | 20 | 40 | CC..09T308 | L60 M4x8.4 | MS06020 | AS04015 | RS04008 | T15 |
| SCLC R/L 12CA-12 | 12 | 20 | 55 | 20 | 20 | 50 | CC..120408 | L60 M5x10.8 | MS06025 | AS05014 | RS04012 | T20 |

小刀夹 45°

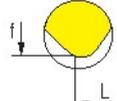
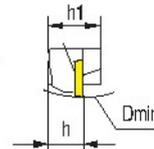
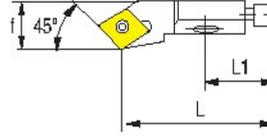
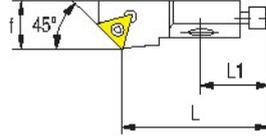
主偏角及进给方向45°

10CA 12CA 16CA

08CA



右手刀图例



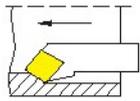
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 螺钉 | 螺钉 | 螺钉 | 螺钉 | 扳手 |
|------------------|----------|----|------|-----|----|------------------|------------|--------------|---------|---------|---------|-----|
| | h | f | L | h1 | l1 | D _{min} | | | | | | |
| SCSP R/L 06CA-05 | 6 | 8 | 21.4 | 8.5 | 12 | 20 | CP..050204 | L60 M2.2x5 | MS03510 | AS03009 | RS03006 | T6 |
| SCSC R/L 08CA-06 | 8 | 10 | 28 | 10 | 17 | 25 | CC..060204 | L60 M2.5x5.2 | MS04016 | AS04012 | RS03006 | T8 |
| STSC R/L 10CA-11 | 10 | 14 | 44 | 15 | 20 | 40 | TC..110204 | L60 M2.5x5.2 | MS06020 | AS04015 | RS04008 | T8 |
| SCSC R/L 10CA-09 | 10 | 14 | 44 | 15 | 20 | 40 | CC..09T308 | L60 M4x8.4 | MS06020 | AS04015 | RS04008 | T15 |
| STSC R/L 12CA-16 | 12 | 20 | 47 | 20 | 20 | 50 | TC..16T308 | L60 M4x8.4 | MS06025 | AS05014 | RS04012 | T15 |
| STSC R/L 16CA-16 | 16 | 25 | 53 | 21 | 25 | 55 | TC..16T308 | L60 M4x8.4 | MS08030 | AS06019 | RS04012 | T15 |

小刀夹 60°

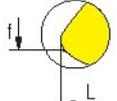
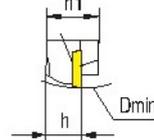
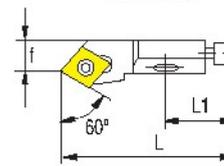
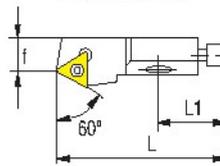
主偏角及进给方向60°

10CA 12CA 16CA

06CA 08CA

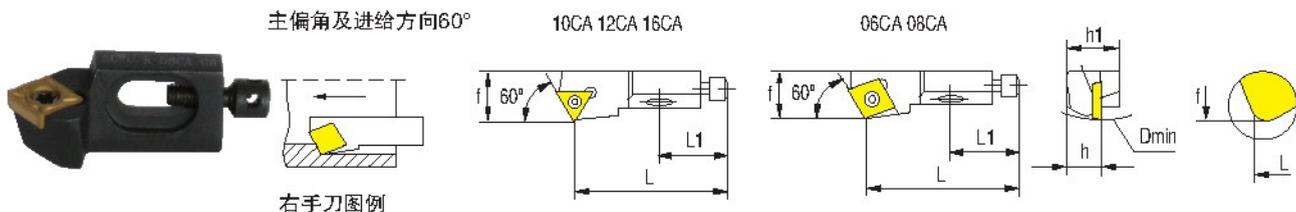


右手刀图例



| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 螺钉 | 螺钉 | 螺钉 | 螺钉 | 扳手 |
|------------------|----------|-----|----|-----|----|------------------|------------|--------------|---------|---------|---------|-----|
| | h | f | L | h1 | l1 | D _{min} | | | | | | |
| SCTP R/L 06CA-05 | 6 | 5.5 | 25 | 8.5 | 12 | 20 | CP..050204 | L60 M2.2x5 | MS03510 | AS03009 | RS03006 | T6 |
| SCTC R/L 08CA-06 | 8 | 6 | 32 | 10 | 17 | 25 | CC..060204 | L60 M2.5x5.2 | MS04016 | AS04012 | RS03006 | T8 |
| STTC R/L 10CA-11 | 10 | 9 | 50 | 15 | 20 | 40 | TC..110204 | L60 M2.5x5.2 | MS06020 | AS04015 | RS04008 | T8 |
| STTC R/L 12CA-16 | 12 | 13 | 55 | 20 | 20 | 50 | TC..16T308 | L60 M4x8.4 | MS06025 | AS05014 | RS04012 | T15 |
| STTC R/L 16CA-16 | 16 | 15 | 63 | 21 | 25 | 55 | TC..16T308 | L60 M4x8.4 | MS08030 | AS06019 | RS04012 | T15 |

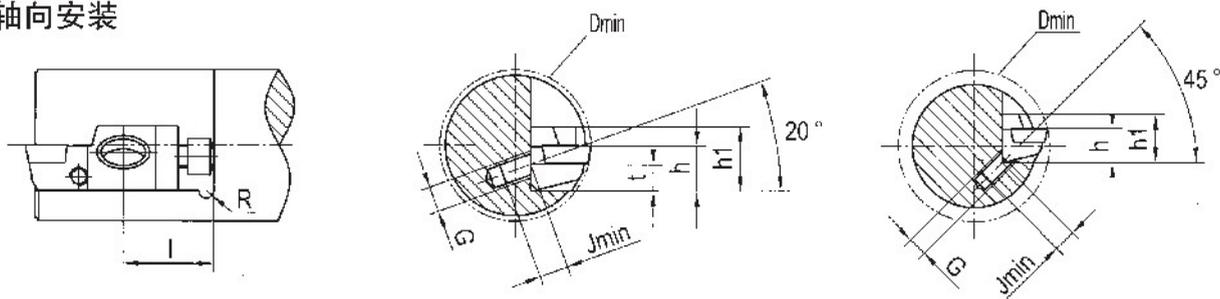
小刀夹 60°



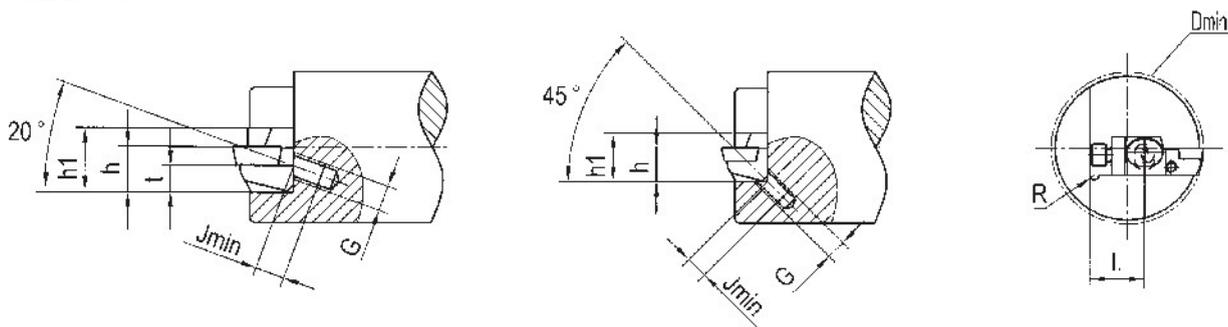
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 螺钉 | 螺钉 | 螺钉 | 螺钉 | 扳手 |
|------------------|----------|----|------|-----|----|------------------|------------|--------------|---------|---------|---------|-----|
| | h | f | L | h1 | l1 | D _{min} | | | | | | |
| SCWP R/L 06CA-06 | 6 | 8 | 22.7 | 8.5 | 12 | 20 | CP..050204 | L60 M2.2x5 | MS03510 | AS03009 | RS03006 | T6 |
| SCWC R/L 08CA-06 | 8 | 10 | 29 | 10 | 17 | 25 | CC..060204 | L60 M2.5x5.2 | MS04016 | AS04012 | RS03006 | T8 |
| STWC R/L 10CA-11 | 10 | 14 | 44 | 15 | 20 | 40 | TC..110204 | L60 M2.5x5.2 | MS06020 | AS04015 | RS04008 | T8 |
| STWC R/L 12CA-16 | 12 | 20 | 47 | 20 | 20 | 50 | TC..16T308 | L60 M4x8.4 | MS06025 | AS05014 | RS04012 | T15 |
| STWC R/L 16CA-16 | 16 | 25 | 53 | 21 | 25 | 55 | TC..16T308 | L60 M4x8.4 | MS08030 | AS06019 | RS04012 | T15 |

小刀夹安装示意图

轴向安装

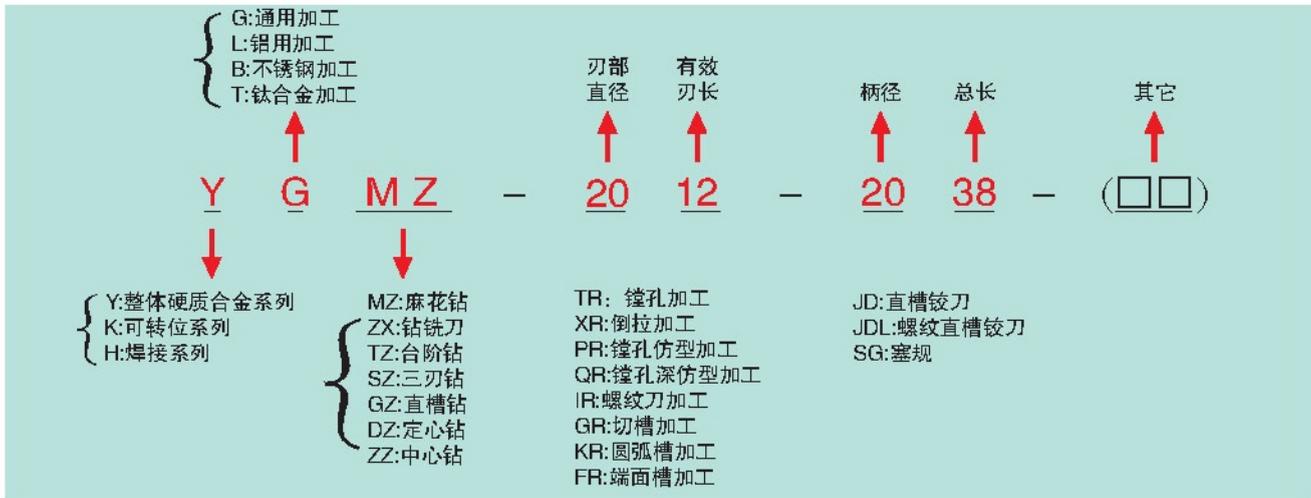


径向安装



| 型号 | h | l | G | Jmin | t | h1 | R _{max} | D _{min} | D _{1min} |
|------|----|----|----------|------|-----|-----|------------------|------------------|-------------------|
| 06CA | 6 | 12 | M3.5x0.6 | 12 | 3.5 | 8.5 | 1.5 | 20 | 30 |
| 08CA | 8 | 17 | M4x0.7 | 17 | 4.5 | 10 | 2.5 | 25 | 37 |
| 10CA | 10 | 20 | M6x1 | 20 | 5.0 | 15 | 4.0 | 40 | 55 |
| 12CA | 12 | 20 | M6x1 | 20 | 6.0 | 20 | 5.0 | 50 | 75 |
| 16CA | 16 | 25 | M8x1.25 | 25 | - | 21 | 6.0 | 55 | 75 |

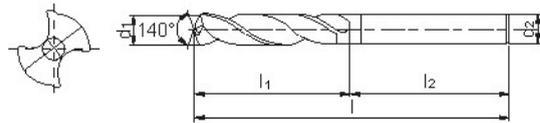
整体硬质合金孔加工刀具命名方法



整体硬质合金麻花钻系列



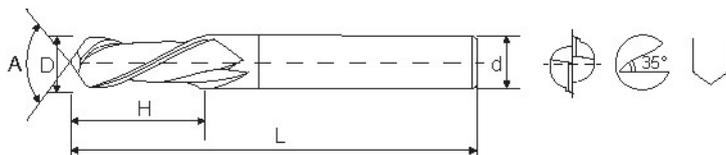
直柄型



- 适用于普通钢到难切削材料的高效钻削。
- 采用波形刃设计，实现了超群的锋利性和强度，同时促进切屑的排出。

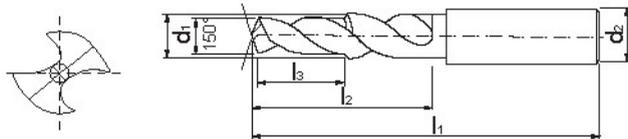
| 型号 | 基本尺寸(mm) | | | 型号 | 基本尺寸(mm) | | |
|----------------|----------------|-------|-------|------------------|----------------|-------|-------|
| | $d_1=d_2(h_6)$ | l_1 | l_2 | | $d_1=d_2(h_6)$ | l_1 | l_2 |
| YGMZ2012-02038 | 2.00 | 38 | 12 | YGMZ08537-08579 | 8.50 | 79 | 37 |
| YGMZ2514-02543 | 2.50 | 43 | 14 | YGMZ08840-08884 | 8.80 | 84 | 40 |
| YGMZ2816-02846 | 2.80 | 46 | 16 | YGMZ09040-09084 | 9.00 | 84 | 40 |
| YGMZ3016-03046 | 3.00 | 46 | 16 | YGMZ09540-09584 | 9.50 | 84 | 40 |
| YGMZ3520-03552 | 3.50 | 52 | 20 | YGMZ09840-09889 | 9.80 | 89 | 43 |
| YGMZ3822-03855 | 3.80 | 55 | 22 | YGMZ10043-10089 | 10.00 | 89 | 43 |
| YGMZ4022-04055 | 4.00 | 55 | 22 | YGMZ10543-10589 | 10.50 | 89 | 43 |
| YGMZ4222-04255 | 4.20 | 55 | 22 | YGMZ10847-10895 | 10.80 | 95 | 47 |
| YGMZ4524-04558 | 4.50 | 58 | 24 | YGMZ11047-11095 | 11.00 | 95 | 47 |
| YGMZ4826-04862 | 4.80 | 62 | 26 | YGMZ11547-11595 | 11.50 | 95 | 47 |
| YGMZ5026-05062 | 5.00 | 62 | 26 | YGMZ12051-120102 | 12.00 | 102 | 51 |
| YGMZ5528-05566 | 5.50 | 66 | 28 | YGMZ12551-125102 | 12.50 | 102 | 51 |
| YGMZ2828-05866 | 5.80 | 66 | 28 | YGMZ13051-130102 | 13.00 | 102 | 51 |
| YGMZ6028-06066 | 6.00 | 66 | 28 | YGMZ13554-135107 | 13.50 | 107 | 54 |
| YGMZ6531-06570 | 6.50 | 70 | 31 | YGMZ14054-140107 | 14.00 | 107 | 54 |
| YGMZ6834-06874 | 6.80 | 74 | 34 | YGMZ14556-145111 | 14.50 | 111 | 56 |
| YGMZ7034-07074 | 7.00 | 74 | 34 | YGMZ15056-150111 | 15.00 | 111 | 56 |
| YGMZ7534-07574 | 7.50 | 74 | 34 | YGMZ15558-155115 | 15.50 | 115 | 58 |
| YGMZ7837-07879 | 7.80 | 79 | 37 | YGMZ16058-160115 | 16.00 | 115 | 58 |
| YGMZ8037-08079 | 8.00 | 79 | 37 | YGMZ20094-200160 | 20.00 | 160 | 94 |

整体硬质合金钻铣刀系列



| 型号 | 基本尺寸(mm) | | | | |
|-----------------|----------|------|------------------|------|------|
| | 刃径 D | 刃长 H | 尖角 A | 柄径 d | 总长 L |
| YGZX-0308-0655 | 3 | 8 | 60° / 90° / 120° | 6 | 55 |
| YGZX-0411-0655 | 4 | 11 | | 6 | 55 |
| YGZX-0615-0655 | 6 | 15 | | 6 | 55 |
| YGZX-0820-0860 | 8 | 20 | | 8 | 60 |
| YGZX-1025-1075 | 10 | 25 | | 10 | 75 |
| YGZX-1230-1275 | 12 | 30 | 12 | 75 | |
| YGZX-0615-06100 | 6 | 15 | 60° / 90° / 120° | 6 | 100 |
| YGZX-0820-08100 | 8 | 20 | | 8 | 100 |
| YGZX-1025-10100 | 10 | 25 | | 10 | 100 |
| YGZX-1230-12100 | 12 | 30 | | 12 | 100 |

整体硬质合金阶梯钻系列

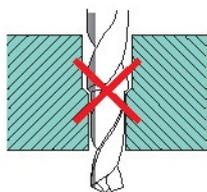


● 用于钻削螺纹底孔、倒角。

| 型号 | 钻头直径 d1(m7) | 钻孔深度 (l/d) | 基本尺寸(mm) | | | | | | |
|----------------|-------------|------------|----------|----------------------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 螺纹尺寸 | d ₂ (h ₆) | d ₃ | l ₁ | l ₂ | l ₄ | l ₅ |
| YGTZ03328-0666 | 3.3 | 3 | M4 | 6.0 | 4.5 | 66 | 28 | 36 | 11.4 |
| YGTZ04228-0666 | 4.2 | 3 | M5 | 6.0 | 6.0 | 66 | 28 | 36 | 13.6 |
| YGTZ05041-0879 | 5.0 | 3 | M6 | 8.0 | 7.0 | 79 | 41 | 36 | 16.5 |
| YGTZ06747-1089 | 6.75 | 3 | M8 | 10.0 | 9.5 | 89 | 47 | 40 | 21.0 |
| YGTZ08555-12 | 8.5 | 3 | M10 | 12.0 | 12.0 | 102 | 55 | 45 | 25.5 |
| YGTZ10260-14 | 10.25 | 3 | M12 | 14.0 | 14.0 | 107 | 60 | 45 | 30.0 |
| YGTZ12065-16 | 12.0 | 3 | M14 | 16.0 | 16.0 | 115 | 65 | 48 | 34.5 |
| YGTZ14073-18 | 14.0 | 3 | M16 | 18.0 | 18.0 | 123 | 73 | 48 | 38.5 |
| YGTZ07047-10 | 7.0 | 3 | M8x1.0 | 10.0 | 9.8 | 89 | 47 | 40 | 21.0 |
| YGTZ09055-12 | 9.0 | 3 | M10x1.0 | 12.0 | 12.0 | 102 | 55 | 45 | 25.5 |
| YGTZ10560-14 | 10.5 | 3 | M12x1.5 | 14.0 | 14.0 | 107 | 60 | 45 | 30.0 |
| YGTZ12565-16 | 12.5 | 3 | M14x1.5 | 16.0 | 16.0 | 115 | 65 | 48 | 34.5 |
| YGTZ14573-18 | 14.5 | 3 | M16x1.5 | 18.0 | 18.0 | 123 | 73 | 48 | 38.5 |

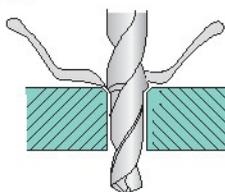
阶梯钻头使用注意事项

A



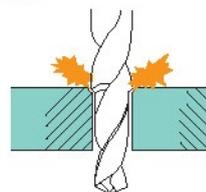
大直径部分因未磨倒锥，所以不能进行铰孔加工（如上图）。

B



加工倒角部位时出现的长切屑会缠绕在钻头上阻碍加工，因此推荐用微进给钻削等方式，以便切屑碎断。

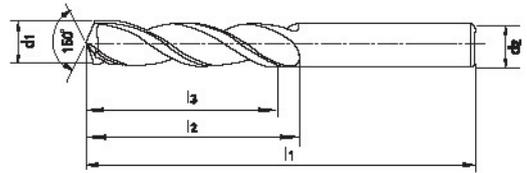
C



在加工倒角部位时，开始切入时切削力增大，此时应该降低进给。

注：需要加工台阶孔订货时另行说明。

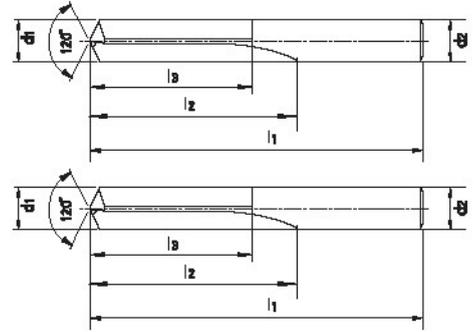
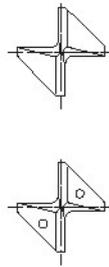
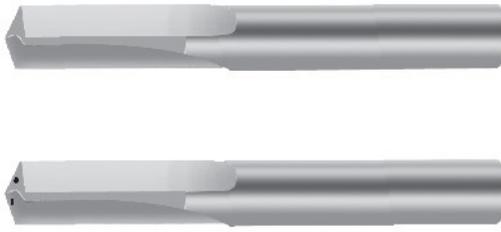
整体硬质合金三刃钻系列 铸铁, 铝合金加工



- 适用于钻削铸铁和铝合金等实心工件。
- 三刃结构可实现高的进给速率及卓越的定心能力。
- 加工可靠性高, 适于恶劣工况, 如断续切削等。

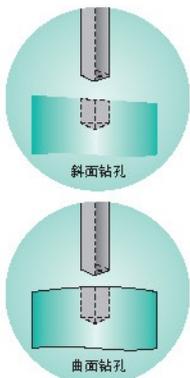
| 型号 | 钻头直径 d1(m7) | 钻孔深度 (l/d) | 基本尺寸(mm) | | | |
|------------------|----------------|---------------|----------------------------------|----------------|----------------|----------------|
| | | | 柄径 | 总长 | 槽长 | 推荐钻深 |
| | | | d ₂ (h ₆) | l ₁ | l ₂ | l ₃ |
| YGSZ03016-03046 | 3.0 | 3 | 3.0 | 46 | 16 | 12 |
| YGSZ03520-03552 | 3.5 | 3 | 3.5 | 52 | 20 | 15 |
| YGSZ04022-04055 | 4.0 | 3 | 4.0 | 55 | 22 | 17 |
| YGSZ04524-04558 | 4.5 | 3 | 4.5 | 58 | 24 | 18 |
| YGSZ05026-05062 | 5.0 | 3 | 5.0 | 62 | 26 | 20 |
| YGSZ05528-05566 | 5.5 | 3 | 5.5 | 66 | 28 | 21 |
| YGSZ06028-06066 | 6.0 | 3 | 6.0 | 66 | 28 | 21 |
| YGSZ06531-06570 | 6.5 | 3 | 6.5 | 70 | 31 | 23 |
| YGSZ07034-07074 | 7.0 | 3 | 7.0 | 74 | 34 | 25 |
| YGSZ07534-07574 | 7.5 | 3 | 7.5 | 74 | 34 | 25 |
| YGSZ08037-08079 | 8.0 | 3 | 8.0 | 79 | 37 | 27 |
| YGSZ08537-08579 | 8.5 | 3 | 8.5 | 79 | 37 | 27 |
| YGSZ09040-09084 | 9.0 | 3 | 9.0 | 84 | 40 | 29 |
| YGSZ09540-09584 | 9.5 | 3 | 9.5 | 84 | 40 | 29 |
| YGSZ10043-10089 | 10.0 | 3 | 10.0 | 89 | 43 | 31 |
| YGSZ10543-10589 | 10.5 | 3 | 10.5 | 89 | 43 | 31 |
| YGSZ11047-11095 | 11.0 | 3 | 11.0 | 95 | 47 | 33 |
| YGSZ11547-11595 | 11.5 | 3 | 11.5 | 95 | 47 | 33 |
| YGSZ12051-120102 | 12.0 | 3 | 12.0 | 102 | 51 | 35 |
| YGSZ12551-125102 | 12.5 | 3 | 12.5 | 102 | 51 | 35 |
| YGSZ13051-130102 | 13.0 | 3 | 13.0 | 102 | 51 | 35 |
| YGSZ13551-135107 | 13.5 | 3 | 13.5 | 107 | 54 | 37 |
| YGSZ14054-140107 | 14.0 | 3 | 14.0 | 107 | 54 | 37 |
| YGSZ14556-145111 | 14.5 | 3 | 14.5 | 111 | 56 | 38 |
| YGSZ15056-150111 | 15.0 | 3 | 15.0 | 111 | 56 | 38 |
| YGSZ15558-155115 | 15.5 | 3 | 15.5 | 115 | 58 | 38 |
| YGSZ16058-160115 | 16.0 | 3 | 16.0 | 115 | 58 | 38 |
| YGSZ16560-165119 | 16.5 | 3 | 16.5 | 119 | 60 | 39 |
| YGSZ17060-170119 | 17.0 | 3 | 17.0 | 119 | 60 | 39 |
| YGSZ17562-175123 | 17.5 | 3 | 17.5 | 123 | 62 | 40 |
| YGSZ18062-180123 | 18.0 | 3 | 18.0 | 123 | 62 | 40 |
| YGSZ18564-185127 | 18.5 | 3 | 18.5 | 127 | 64 | 41 |
| YGSZ19064-190127 | 19.0 | 3 | 19.0 | 127 | 64 | 41 |
| YGSZ19566-195131 | 19.5 | 3 | 19.5 | 131 | 66 | 42 |
| YGSZ20066-200131 | 20.0 | 3 | 20.0 | 131 | 66 | 42 |

整体硬质合金直槽钻系列 铸铁, 铝合金加工



- 适用于铸铁, 硅铝合金等短切屑材料。
- 出色的自定心能力, 可高效加工并获得孔加工精度达H7的工作。
- 加工的孔能达到较高的位置度, 直线度以及表面光洁度。

| 型号 | 钻头直径 d1(m7) | 钻孔深度 (l/d) | 基本尺寸(mm) | | | | |
|-------------------|----------------|---------------|----------------------------------|----------------|----------------|----------------|----------------|
| | | | 柄径 | 总长 | 槽长 | 推荐钻深 | 柄长 |
| | | | d ₂ (h ₆) | l ₁ | l ₂ | l ₃ | l ₄ |
| YGGZ04036-06074 | 4.0 | 5 | 6.0 | 74 | 36 | 29 | 36 |
| YGGZ04236-06074 | 4.2 | 5 | 6.0 | 74 | 36 | 29 | 36 |
| YGGZ05044-06082 | 5.0 | 5 | 6.0 | 82 | 44 | 35 | 36 |
| YGGZ050105-060145 | 5.0 | 15 | 6.0 | 145 | 105 | 96 | 36 |
| YGGZ06044-06082 | 6.0 | 5 | 6.0 | 82 | 44 | 35 | 36 |
| YGGZ060105-060145 | 6.0 | 15 | 6.0 | 145 | 105 | 96 | 36 |
| YGGZ06753-08091 | 6.75 | 5 | 8.0 | 91 | 53 | 43 | 36 |
| YGGZ07053-08091 | 7.0 | 5 | 8.0 | 91 | 53 | 43 | 36 |
| YGGZ08053-08091 | 8.0 | 5 | 8.0 | 91 | 53 | 43 | 36 |
| YGGZ080137-080180 | 8.0 | 15 | 8.0 | 180 | 137 | 127 | 36 |
| YGGZ08561-100103 | 8.5 | 5 | 10.0 | 103 | 61 | 49 | 40 |
| YGGZ09061-100103 | 9.0 | 5 | 10.0 | 103 | 61 | 49 | 40 |
| YGGZ090170-100217 | 9.0 | 15 | 10.0 | 217 | 170 | 158 | 40 |
| YGGZ10061-100103 | 10.0 | 5 | 10.0 | 103 | 61 | 49 | 40 |
| YGGZ100170-100217 | 10.0 | 15 | 10.0 | 217 | 170 | 158 | 40 |
| YGGZ10271-120118 | 10.25 | 5 | 12.0 | 118 | 71 | 56 | 45 |
| YGGZ11071-120118 | 11.0 | 5 | 12.0 | 118 | 71 | 56 | 45 |
| YGGZ110205-120258 | 11.0 | 15 | 12.0 | 258 | 205 | 190 | 45 |
| YGGZ12071-120118 | 12.0 | 5 | 12.0 | 118 | 71 | 56 | 45 |
| YGGZ120205-120258 | 12.0 | 15 | 12.0 | 258 | 205 | 190 | 45 |
| YGGZ13077-140124 | 13.0 | 5 | 14.0 | 124 | 77 | 60 | 45 |
| YGGZ14077-140124 | 14.0 | 5 | 14.0 | 124 | 77 | 60 | 45 |
| YGGZ140236-140290 | 14.0 | 15 | 14.0 | 290 | 236 | 219 | 45 |
| YGGZ15083-160133 | 15.0 | 5 | 16.0 | 133 | 83 | 63 | 48 |
| YGGZ15583-160133 | 15.5 | 5 | 16.0 | 133 | 83 | 63 | 48 |
| YGGZ16083-160133 | 16.0 | 5 | 16.0 | 133 | 83 | 63 | 48 |
| YGGZ17093-180143 | 17.0 | 5 | 18.0 | 143 | 93 | 71 | 48 |
| YGGZ17593-180143 | 17.5 | 5 | 18.0 | 143 | 93 | 71 | 48 |
| YGGZ18093-180143 | 18.0 | 5 | 18.0 | 143 | 93 | 71 | 48 |
| YGGZ195101-200153 | 19.5 | 5 | 20.0 | 153 | 101 | 77 | 50 |
| YGGZ200101-200153 | 20.0 | 5 | 20.0 | 153 | 101 | 77 | 50 |



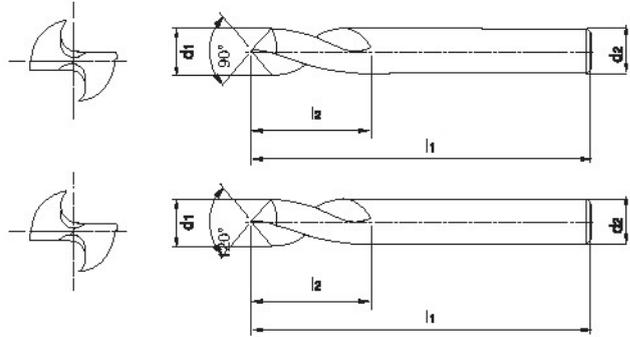
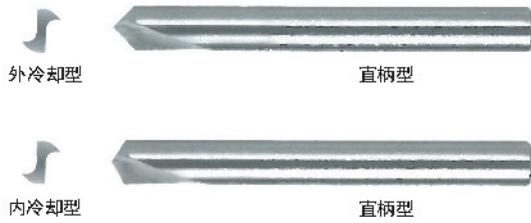
当在斜面或曲面上钻孔时, 钻头的进给率应根据推荐值而相应降低。

| 倾角 α | 最大进给率 |
|------|-------|
| 1° | 80% |
| 2° | 50% |
| 3° | 30% |

100%进给率

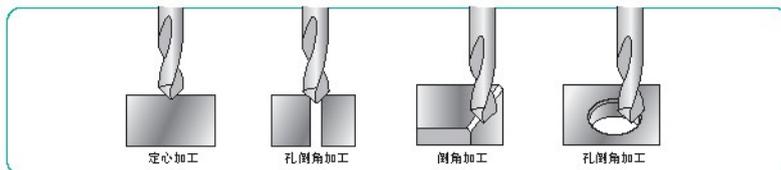
倾角较大的表面应该进行预处理, 先铣平面后钻孔。

整体硬质合金定心钻系列 铸铁, 铝合金加工

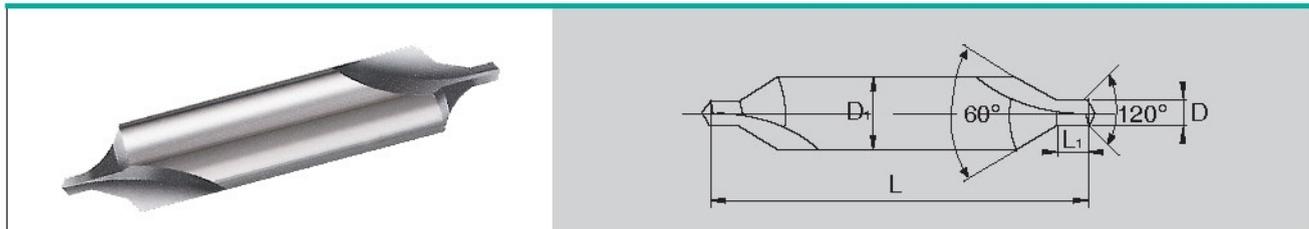


- 适用于在数控机床上打中心孔和倒角。
- 和一般的中心钻削刀具相比, 定心钻更加稳定, 在斜面上也能很方便的进行定心钻削加工。

| 型号 | 钻头直径 d1 (m7) | 顶角 | 基本尺寸(mm) | | |
|----------------|--------------|------|----------|-----|----|
| | | | 柄径 | 总长 | 槽长 |
| | | | d2 (h6) | l1 | l2 |
| YGDZ0510-0562 | 5 | 90° | 5.00 | 62 | 10 |
| YGDZ0510-0562 | | 120° | 5.00 | 62 | 10 |
| YGDZ0615-0666 | 6 | 90° | 6.00 | 66 | 15 |
| YGDZ0615-0666 | | 120° | 6.00 | 66 | 15 |
| YGDZ0817-0879 | 8 | 90° | 8.00 | 79 | 17 |
| YGDZ0817-0879 | | 120° | 8.00 | 79 | 17 |
| YGDZ1020-1089 | 10 | 90° | 10.00 | 89 | 20 |
| YGDZ1020-1089 | | 120° | 10.00 | 89 | 20 |
| YGDZ1225-12102 | 12 | 90° | 12.00 | 102 | 25 |
| YGDZ1225-12102 | | 120° | 12.00 | 102 | 25 |
| YGDZ1430-14107 | 14 | 90° | 14.00 | 107 | 30 |
| YGDZ1430-14107 | | 120° | 14.00 | 107 | 30 |
| YGDZ1635-16115 | 16 | 90° | 16.00 | 115 | 35 |
| YGDZ1635-16115 | | 120° | 16.00 | 115 | 35 |
| YGDZ2040-20131 | 20 | 90° | 20.00 | 131 | 40 |
| YGDZ2040-20131 | | 120° | 20.00 | 131 | 40 |



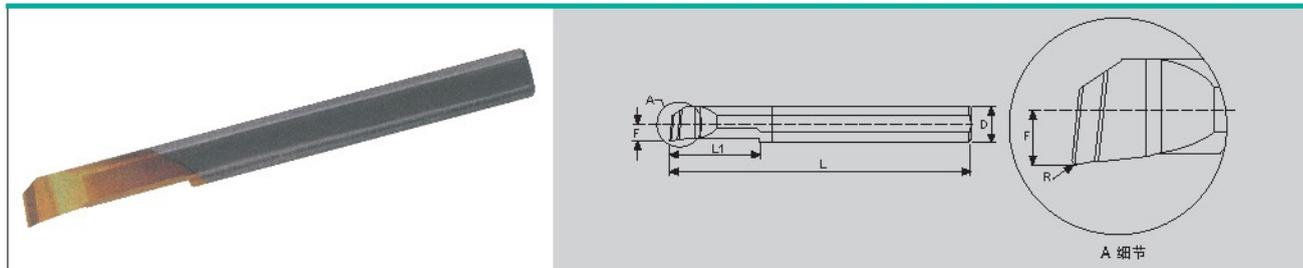
整体硬质合金中心钻系列



| 型号 | 基本尺寸(mm) | | | | 型号 | 基本尺寸(mm) | | | |
|--------------|----------|------|----|-----|--------------|----------|-------|----|------|
| | D | D1 | L | L1 | | D | D1 | L | L1 |
| YGZZ01040-03 | 1.00 | 3.15 | 40 | 1.6 | YGZZ03150-08 | 3.15 | 8.00 | 50 | 4.1 |
| YGZZ01240-03 | 1.25 | 3.15 | 40 | 1.8 | YGZZ04060-10 | 4.00 | 10.00 | 60 | 5.2 |
| YGZZ01640-04 | 1.60 | 4.00 | 40 | 2.1 | YGZZ05070-12 | 5.00 | 12.50 | 70 | 6.5 |
| YGZZ02040-05 | 2.00 | 5.00 | 40 | 2.8 | YGZZ06370-16 | 6.30 | 16.00 | 70 | 8.2 |
| YGZZ02550-06 | 2.50 | 6.30 | 50 | 3.4 | YGZZ08080-20 | 8.00 | 20.00 | 80 | 10.5 |

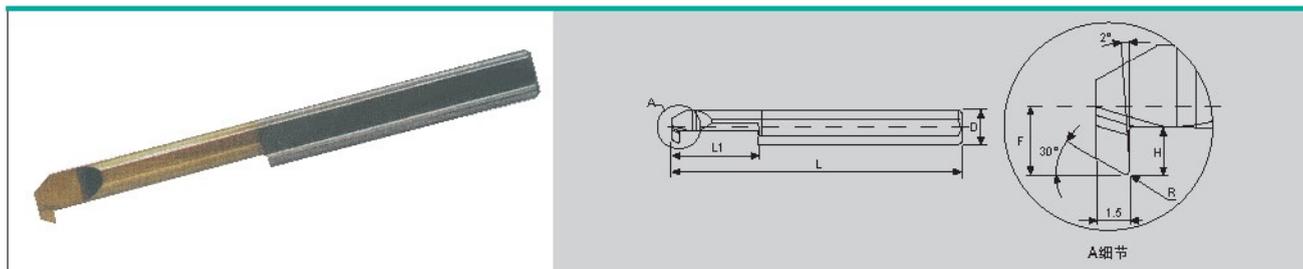
整体合金镗刀系列

镗孔加工



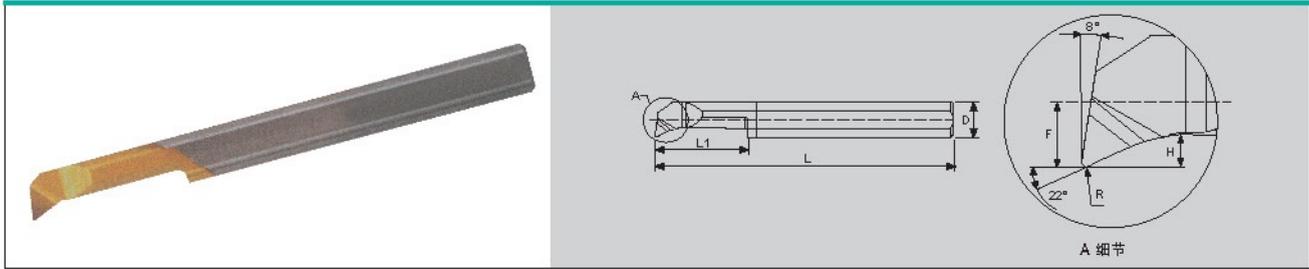
| 型号 | D | 基本尺寸(mm) | | | | 最小加工径 |
|-----------------|-----|----------|----|------|-----|-------|
| | | L | L1 | R | F | |
| YGTR2 R0.15 L5 | 3.0 | 39 | 5 | 0.15 | 0.8 | 2.1 |
| YGTR2 R0.15 L10 | 3.0 | 39 | 10 | 0.15 | 0.8 | 2.1 |
| YGTR3 R0.05 L10 | 3.0 | 39 | 10 | 0.05 | 1.3 | 3.1 |
| YGTR3 R0.05 L15 | 3.0 | 39 | 15 | 0.05 | 1.3 | 3.1 |
| YGTR3 R0.20 L10 | 3.0 | 39 | 10 | 0.20 | 1.3 | 3.1 |
| YGTR3 R0.20 L15 | 3.0 | 39 | 15 | 0.20 | 1.3 | 3.1 |
| YGTR4 R0.20 L10 | 4.0 | 50 | 10 | 0.20 | 1.7 | 4.1 |
| YGTR4 R0.20 L15 | 4.0 | 50 | 15 | 0.20 | 1.7 | 4.1 |
| YGTR5 R0.20 L15 | 5.0 | 50 | 15 | 0.20 | 2.1 | 5.1 |
| YGTR5 R0.20 L22 | 5.0 | 50 | 22 | 0.20 | 2.1 | 5.1 |
| YGTR6 R0.20 L15 | 6.0 | 50 | 15 | 0.20 | 2.8 | 6.1 |
| YGTR6 R0.20 L22 | 6.0 | 50 | 22 | 0.20 | 2.8 | 6.1 |
| YGTR8 R0.20 L15 | 8.0 | 63 | 15 | 0.20 | 3.8 | 8.1 |
| YGTR8 R0.20 L22 | 8.0 | 63 | 22 | 0.20 | 3.8 | 8.1 |

倒拉加工



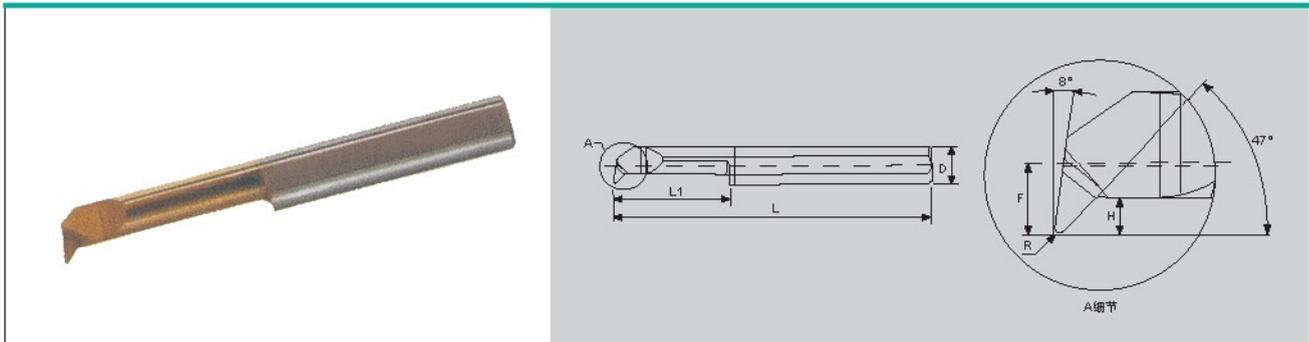
| 型号 | D | 基本尺寸(mm) | | | | | 最小加工径 |
|-----------------|-----|----------|----|------|-----|-----|-------|
| | | L | L1 | R | H | F | |
| YGXR3 R0.10 L10 | 4.0 | 50 | 10 | 0.10 | 0.5 | 1.3 | 3.1 |
| YGXR4 R0.15 L10 | 4.0 | 50 | 10 | 0.15 | 0.8 | 1.6 | 4.1 |
| YGXR4 R0.15 L15 | 4.0 | 50 | 15 | 0.15 | 0.8 | 1.6 | 4.1 |
| YGXR5 R0.20 L15 | 5.0 | 50 | 15 | 0.20 | 1.0 | 2.2 | 5.1 |
| YGXR5 R0.20 L22 | 5.0 | 50 | 22 | 0.20 | 1.0 | 2.2 | 5.1 |
| YGXR6 R0.20 L15 | 6.0 | 50 | 15 | 0.20 | 1.8 | 2.8 | 6.1 |
| YGXR6 R0.20 L22 | 6.0 | 50 | 22 | 0.20 | 1.8 | 2.8 | 6.1 |

镗孔仿型加工



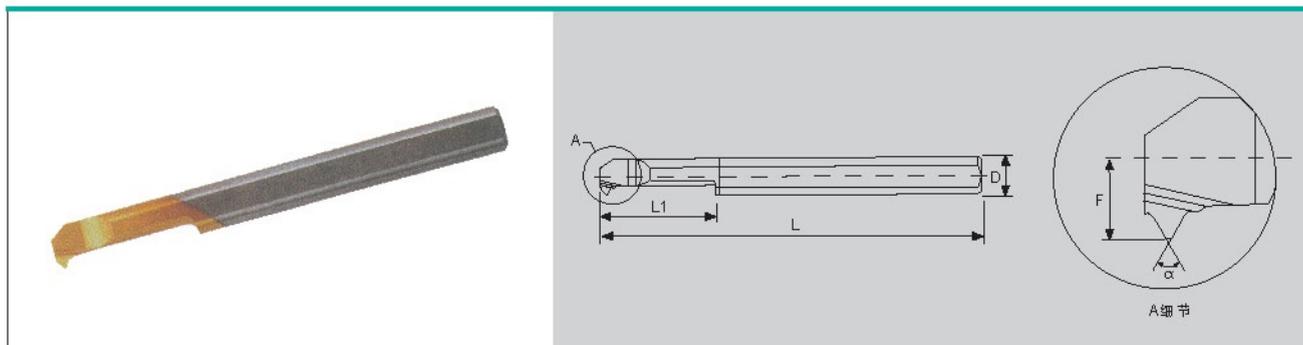
| 型号 | D | 基本尺寸(mm) | | | | | 最小加工径 |
|-----------------|-----|----------|----|------|-----|-----|-------|
| | | L | L1 | R | H | F | |
| YGPR2 R0.15 L5 | 3.0 | 39 | 5 | 0.15 | 0.5 | 0.8 | 2.1 |
| YGPR2 R0.15 L10 | 3.0 | 39 | 10 | 0.15 | 0.5 | 0.8 | 2.1 |
| YGPR3 R0.05 L10 | 3.0 | 39 | 10 | 0.05 | 0.7 | 1.3 | 3.1 |
| YGPR3 R0.05 L15 | 3.0 | 39 | 15 | 0.05 | 0.7 | 1.3 | 3.1 |
| YGPR3 R0.20 L10 | 3.0 | 39 | 10 | 0.20 | 0.7 | 1.3 | 3.1 |
| YGPR3 R0.20 L15 | 3.0 | 39 | 15 | 0.20 | 0.7 | 1.3 | 3.1 |
| YGPR4 R0.20 L10 | 4.0 | 50 | 10 | 0.20 | 0.8 | 1.7 | 4.1 |
| YGPR4 R0.20 L15 | 4.0 | 50 | 15 | 0.20 | 0.8 | 1.7 | 4.1 |
| YGPR5 R0.20 L15 | 5.0 | 50 | 15 | 0.20 | 1.2 | 2.1 | 5.1 |
| YGPR5 R0.20 L22 | 5.0 | 50 | 22 | 0.20 | 1.2 | 2.1 | 5.1 |
| YGPR6 R0.20 L15 | 6.0 | 50 | 15 | 0.20 | 1.4 | 2.8 | 6.1 |
| YGPR6 R0.20 L22 | 6.0 | 50 | 22 | 0.20 | 1.4 | 2.8 | 6.1 |
| YGPR8 R0.20 L15 | 8.0 | 63 | 15 | 0.20 | 1.6 | 3.8 | 8.1 |
| YGPR8 R0.20 L22 | 8.0 | 63 | 22 | 0.20 | 1.6 | 3.8 | 8.1 |

镗孔深仿型加工



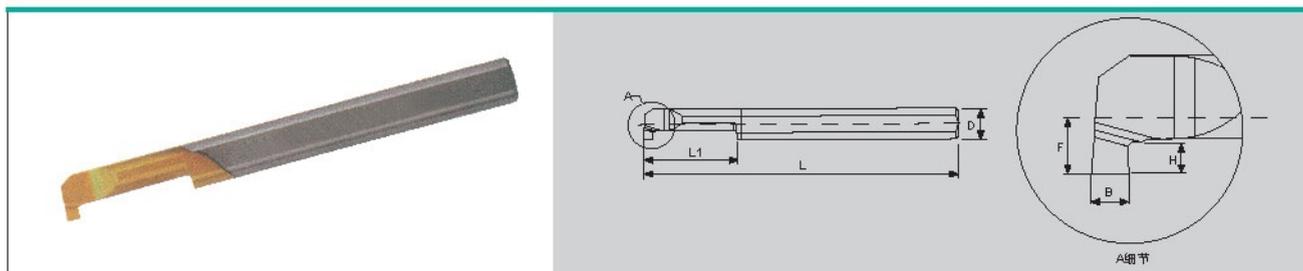
| 型号 | D | 基本尺寸(mm) | | | | | 最小加工径 |
|-----------------|-----|----------|----|------|-----|-----|-------|
| | | L | L1 | R | H | F | |
| YGQR4 R0.20 L10 | 4.0 | 50 | 10 | 0.20 | 0.8 | 1.8 | 4.1 |
| YGQR4 R0.20 L15 | 4.0 | 50 | 15 | 0.20 | 0.8 | 1.8 | 4.1 |
| YGQR5 R0.20 L15 | 5.0 | 50 | 15 | 0.20 | 1.0 | 2.3 | 5.1 |
| YGQR5 R0.20 L22 | 5.0 | 50 | 22 | 0.20 | 1.0 | 2.3 | 5.1 |
| YGQR6 R0.20 L15 | 6.0 | 50 | 15 | 0.20 | 1.4 | 2.8 | 6.1 |
| YGQR6 R0.20 L22 | 6.0 | 50 | 22 | 0.20 | 1.4 | 2.8 | 6.1 |

螺纹加工



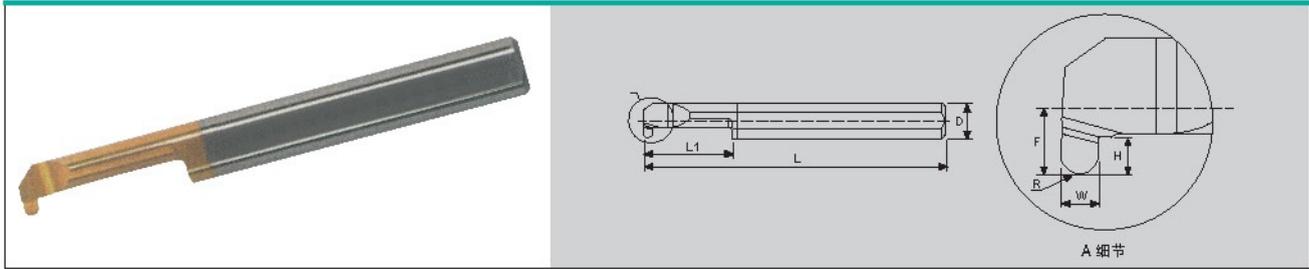
| 型号 | D | 基本尺寸(mm) | | | | | | 最小加工径 |
|---------------|-----|----------|----|----------|----------|-------|-----|-------|
| | | 牙距范围 | | | | | | |
| | | L | L1 | α | 牙距 | 牙数 | F | |
| YGIR3 L15 A60 | 3.0 | 39 | 15 | 60 | 0.8-1.0 | 32-24 | 1.4 | 3.2 |
| YGIR3 L15 A65 | 3.0 | 39 | 15 | 65 | 0.5-1.0 | 48-24 | 1.4 | 3.2 |
| YGIR4 L15 A60 | 4.0 | 50 | 15 | 60 | 0.8-1.0 | 32-24 | 1.8 | 4.1 |
| YGIR4 L15 A55 | 4.0 | 50 | 15 | 55 | 0.5-1.0 | 48-24 | 1.8 | 4.1 |
| YGIR5 L15 A60 | 5.0 | 50 | 15 | 60 | 1.0-1.25 | 24-20 | 2.3 | 5.1 |
| YGIR5 L15 A55 | 5.0 | 50 | 15 | 55 | 0.5-1.25 | 48-20 | 2.3 | 5.1 |
| YGIR6 L15 A60 | 6.0 | 50 | 15 | 60 | 1.0-1.5 | 24-16 | 2.6 | 6.0 |
| YGIR6 L15 A55 | 6.0 | 50 | 15 | 55 | 0.5-1.5 | 48-16 | 2.6 | 6.0 |

内孔切槽加工



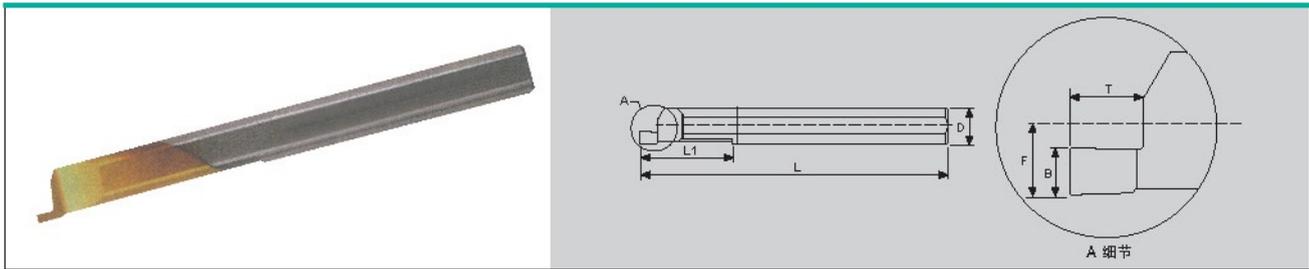
| 型号 | D | 基本尺寸(mm) | | | | | 最小加工径 |
|----------------|-----|----------|----|-----|-----|-----|-------|
| | | L | L1 | B | H | F | |
| YGGR4 B1.0 L10 | 3.0 | 50 | 10 | 1.0 | 1.0 | 1.7 | 4.1 |
| YGGR4 B1.5 L10 | 3.0 | 50 | 10 | 1.5 | 1.0 | 1.7 | 4.1 |
| YGGR5 B1.0 L15 | 4.0 | 50 | 15 | 1.0 | 1.2 | 2.3 | 5.1 |
| YGGR5 B1.5 L15 | 4.0 | 50 | 15 | 1.5 | 1.2 | 2.3 | 5.1 |
| YGGR5 B2.0 L15 | 5.0 | 50 | 15 | 2.0 | 1.2 | 2.3 | 5.1 |
| YGGR6 B1.0 L15 | 5.0 | 50 | 15 | 1.0 | 1.4 | 2.8 | 6.1 |
| YGGR6 B1.5 L15 | 6.0 | 50 | 15 | 1.5 | 1.4 | 2.8 | 6.1 |
| YGGR6 B2.0 L15 | 6.0 | 50 | 15 | 2.0 | 1.4 | 2.8 | 6.1 |

圆弧槽加工



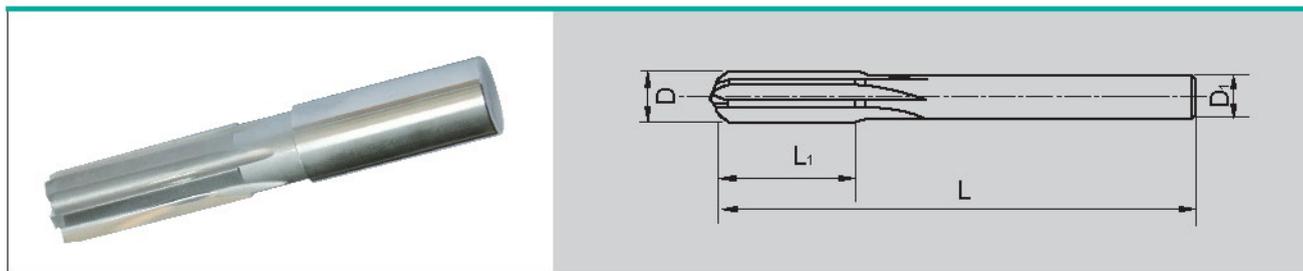
| 型号 | D | 基本尺寸(mm) | | | | | | 最小加工径 |
|-----------------|-----|----------|----|------|-----|-----|-----|-------|
| | | L | L1 | R | W | H | F | |
| YGKR4 R0.5 L10 | 4.0 | 50 | 10 | 0.50 | 1.0 | 1.0 | 1.7 | 4.1 |
| YGKR4 R0.75 L10 | 4.0 | 50 | 10 | 0.75 | 1.5 | 1.0 | 1.7 | 4.1 |
| YGKR5 R0.5 L15 | 5.0 | 50 | 15 | 0.50 | 1.0 | 1.2 | 2.3 | 5.1 |
| YGKR5 R0.75 L15 | 5.0 | 50 | 15 | 0.75 | 1.5 | 1.2 | 2.3 | 5.1 |
| YGKR5 R1.0 L15 | 5.0 | 50 | 15 | 1.00 | 2.0 | 1.2 | 2.3 | 5.1 |
| YGKR6 R0.5 L15 | 6.0 | 50 | 15 | 0.50 | 1.0 | 1.6 | 2.8 | 6.1 |
| YGKR6 R0.75 L15 | 6.0 | 50 | 15 | 0.75 | 1.5 | 1.6 | 2.8 | 6.1 |
| YGKR6 R1.0 L15 | 6.0 | 50 | 15 | 1.00 | 2.0 | 1.6 | 2.8 | 6.1 |

端面槽加工



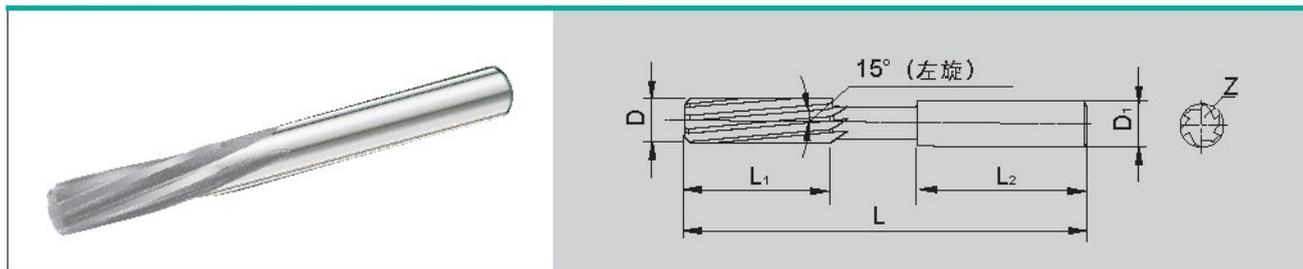
| 型号 | D | 基本尺寸(mm) | | | | | 最小加工径 |
|-----------------|-----|----------|----|------|-----|------|-------|
| | | L | L1 | B | T | F | |
| YGFR5 B0.75 L15 | 4.0 | 50 | 15 | 0.75 | 1.2 | 1.95 | 5.0 |
| YGFR5 B1.0 L15 | 4.0 | 50 | 15 | 1.0 | 1.5 | 1.95 | 5.0 |
| YGFR6 B0.75 L22 | 5.0 | 50 | 22 | 0.75 | 1.2 | 2.45 | 6.0 |
| YGFR6 B1.0 L22 | 5.0 | 50 | 22 | 1.0 | 1.5 | 2.45 | 6.0 |
| YGFR6 B1.5 L22 | 5.0 | 50 | 22 | 1.5 | 2.5 | 2.45 | 6.0 |
| YGFR8 B1.0 L22 | 6.0 | 50 | 22 | 1.0 | 1.5 | 2.95 | 8.0 |
| YGFR8 B1.5 L22 | 6.0 | 50 | 22 | 1.5 | 2.5 | 2.95 | 8.0 |
| YGFR8 B2.0 L22 | 6.0 | 50 | 22 | 2.0 | 3.0 | 2.95 | 8.0 |

整体硬质合金直槽铰刀系列



| 型号 | 基本尺寸(mm) | | | 齿数 |
|--------------------------------|----------|----|----|----|
| | D=D1 | L | L1 | |
| YGJD-□-△ 注: □ 直径 △ 精度 | 2.0-2.9 | 40 | 15 | 4 |
| | 3.0-3.9 | 50 | 20 | 4 |
| | 4.0-6.0 | 60 | 25 | 6 |
| | 6.1-8.0 | 70 | 30 | 6 |
| | 8.1-12 | 80 | 35 | 6 |

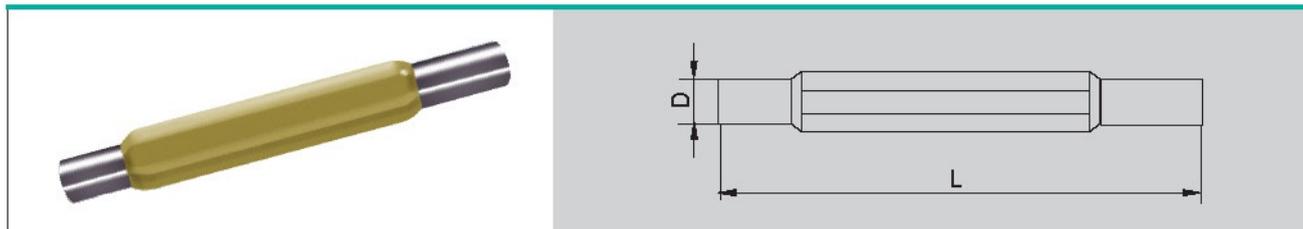
整体硬质合金螺旋槽铰刀系列



| 型号 | 基本尺寸(mm) | | | | | 齿数 |
|---|----------|------|-----|----|----|----|
| | D | D1 | L | L1 | L2 | |
| YGJDL-□-△ 注: □ - 铰刀直径 △ - 铰孔精度 | 4.0 | 4.0 | 75 | 19 | 32 | 4 |
| | 4.5 | 5.0 | 80 | 21 | 33 | 4 |
| | 5.0 | 5.0 | 86 | 23 | 34 | 6 |
| | 5.5 | 6.0 | 93 | 26 | 36 | 6 |
| | 6.0 | 6.0 | 93 | 26 | 36 | 6 |
| | 6.5 | 8.0 | 101 | 28 | 38 | 6 |
| | 7.0 | 8.0 | 109 | 31 | 40 | 6 |
| | 8.0 | 8.0 | 117 | 33 | 42 | 6 |
| | 9.0 | 10.0 | 125 | 36 | 44 | 6 |
| | 10.0 | 10.0 | 133 | 38 | 46 | 6 |

| 型号 | 基本尺寸(mm) | | | | | 齿数 |
|---|----------|------|-----|----|----|----|
| | D | D1 | L | L1 | L2 | |
| YGJDL-□-△ 注: □ - 铰刀直径 △ - 铰孔精度 | 11.0 | 12.0 | 142 | 41 | 46 | 6 |
| | 12.0 | 12.0 | 151 | 44 | 46 | 6 |
| | 13.0 | 14.0 | 151 | 44 | 46 | 6 |
| | 14.0 | 14.0 | 160 | 47 | 50 | 8 |
| | 15.0 | 16.0 | 162 | 50 | 50 | 8 |
| | 16.0 | 16.0 | 170 | 52 | 50 | 8 |
| | 17.0 | 18.0 | 175 | 54 | 52 | 8 |
| | 18.0 | 18.0 | 182 | 56 | 52 | 8 |
| | 19.0 | 20.0 | 189 | 58 | 58 | 8 |
| | 20.0 | 20.0 | 195 | 60 | 58 | 8 |

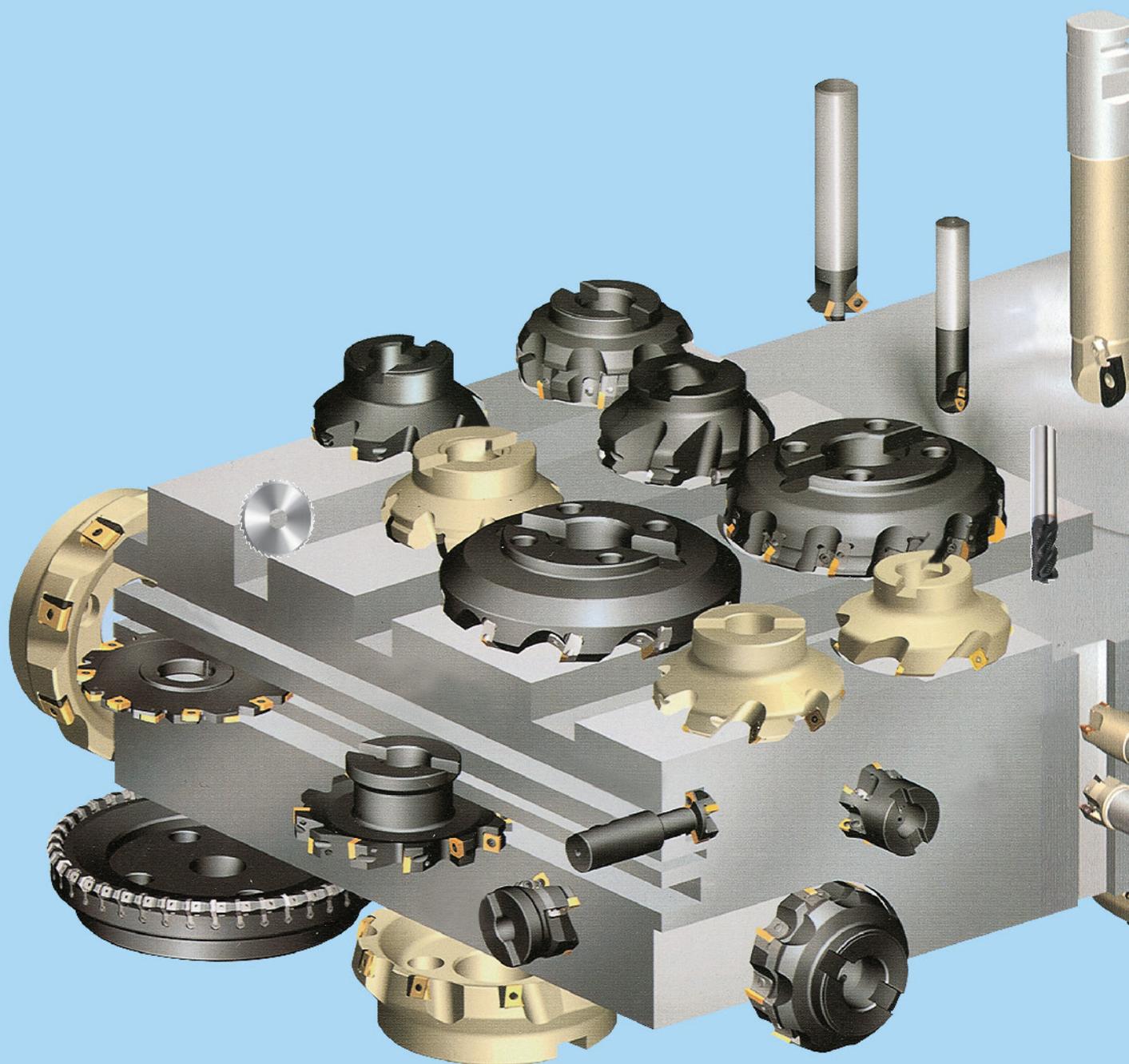
整体硬质合金光面塞规系列

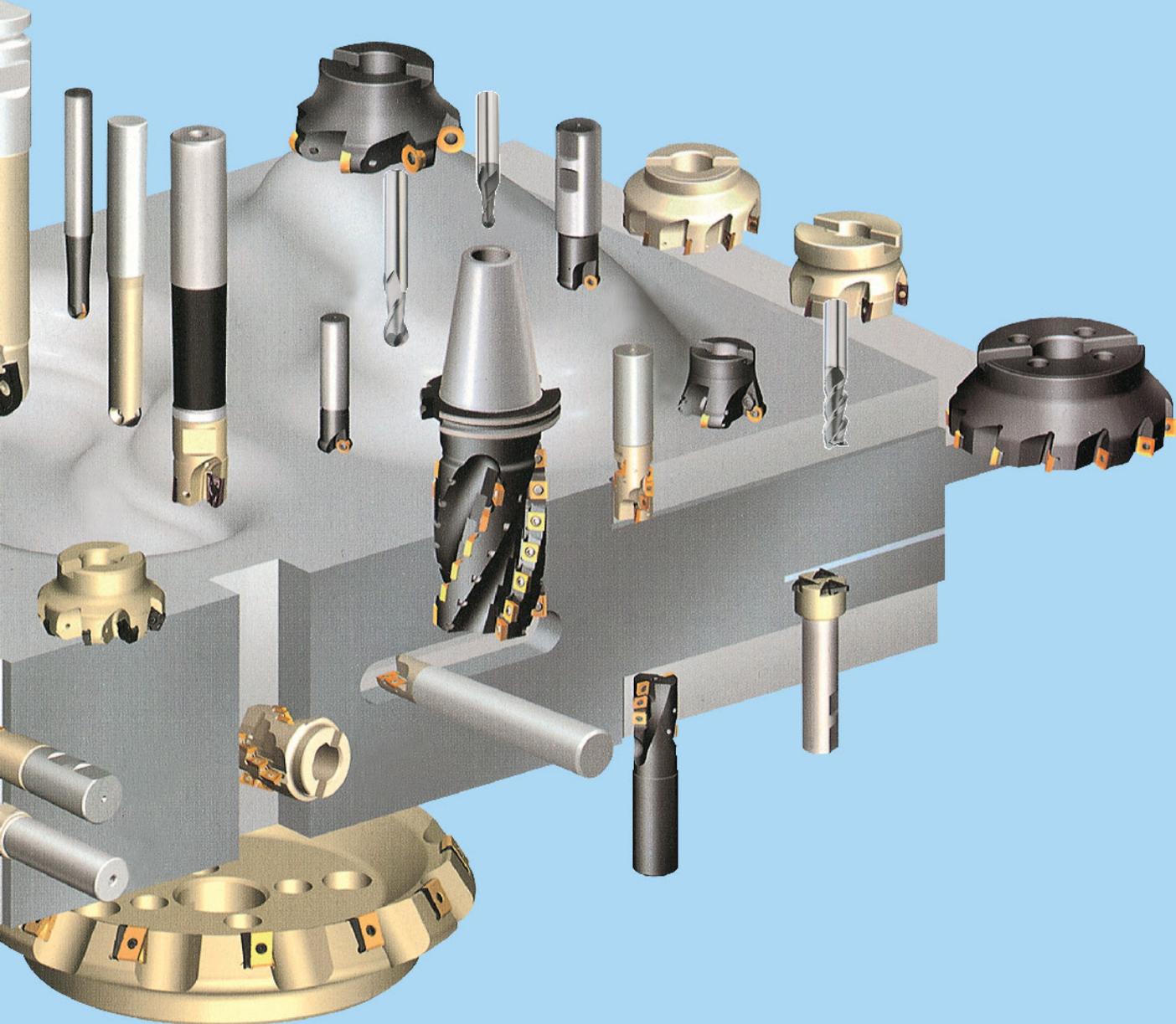


| 型号 | 基本尺寸(mm) |
|----------|----------|
| | D |
| YGSG0050 | 0.5-3.0 |
| YGSG0310 | 3.1-5.0 |
| YGSG0510 | 5.1-6.0 |
| YGSG0610 | 6.1-7.0 |
| YGSG0710 | 7.1-8.0 |

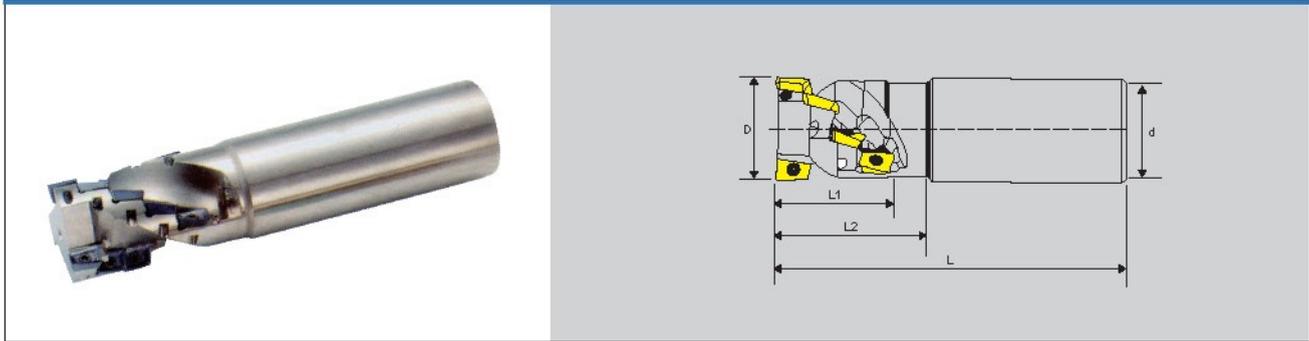
| 型号 | 基本尺寸(mm) |
|----------|-----------|
| | D |
| YGSG0810 | 8.1-9.0 |
| YGSG0910 | 9.1-10.0 |
| YGSG1010 | 10.1-11.0 |
| YGSG1110 | 11.1-12.0 |

铣削刀具加工示意图



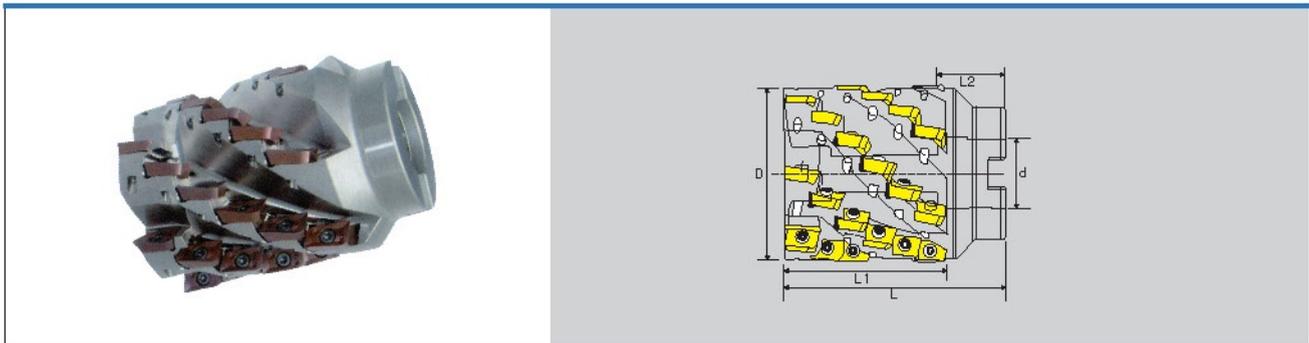


EM粗铣刀



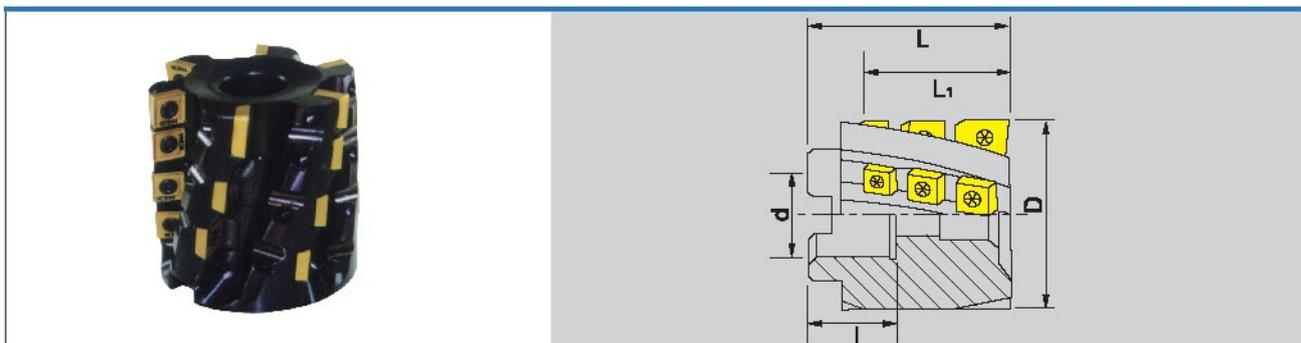
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 配件 | |
|--------------------|----------|----|-----|----|----|-------|----------|----------|-----|
| | D | d | L | L1 | L2 | INO | | 螺丝 | 扳手 |
| EM20-C20-25-120-2T | 20 | 20 | 120 | 25 | 40 | 2R6T | APMT1135 | M2.5x6.5 | T8 |
| EM25-C25-35-130-2T | 25 | 25 | 130 | 35 | 55 | 2R8T | APMT1135 | M2.5x6.5 | T8 |
| EM30-C32-44-140-3T | 30 | 32 | 140 | 44 | 65 | 3R15T | APMT1135 | M2.5x6.5 | T8 |
| EM32-C32-44-140-3T | 32 | 32 | 140 | 44 | 65 | 3R15T | APMT1135 | M2.5x6.5 | T8 |
| EM40-C40-53-150-3T | 40 | 40 | 150 | 53 | 75 | 3R21T | APMT1135 | M2.5x6.5 | T8 |
| EM40-C42-49-150-3T | 40 | 42 | 150 | 49 | 75 | 3R12T | APMT1604 | M4x10 | T15 |
| EM50-C42-61-165-3T | 50 | 42 | 165 | 61 | 85 | 3R15T | APMT1604 | M4x10 | T15 |

EMP粗铣刀



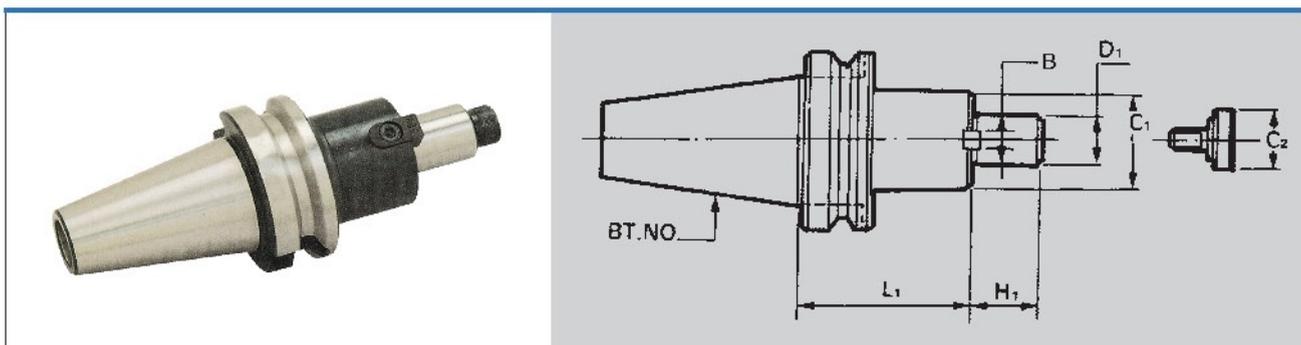
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 配件 | |
|----------------------|----------|----|-----|----|----|-------|----------|-------|-----|
| | D | d | L | L1 | L2 | INO | | 螺丝 | 扳手 |
| EMP40-C16-49-65-3T | 40 | 16 | 65 | 49 | 17 | 3R12T | APMT1604 | M4x10 | T15 |
| EMP50-C22-61-75-3T | 50 | 22 | 75 | 61 | 27 | 3R15T | APMT1604 | M4x10 | T15 |
| EMP63-C27-63-75-4T | 63 | 27 | 75 | 63 | 36 | 4R20T | APMT1604 | M4x10 | T15 |
| EMP80-C32-52-80-6T | 80 | 32 | 80 | 52 | 38 | 6R24T | APMT1604 | M4x10 | T15 |
| EMP100-C40-75-105-6T | 100 | 40 | 105 | 75 | 38 | 6R36T | APMT1604 | M4x10 | T15 |
| EMP125-C40-75-105-6T | 125 | 40 | 105 | 75 | 38 | 6R36T | APMT1604 | M4x10 | T15 |

ASP粗铣刀



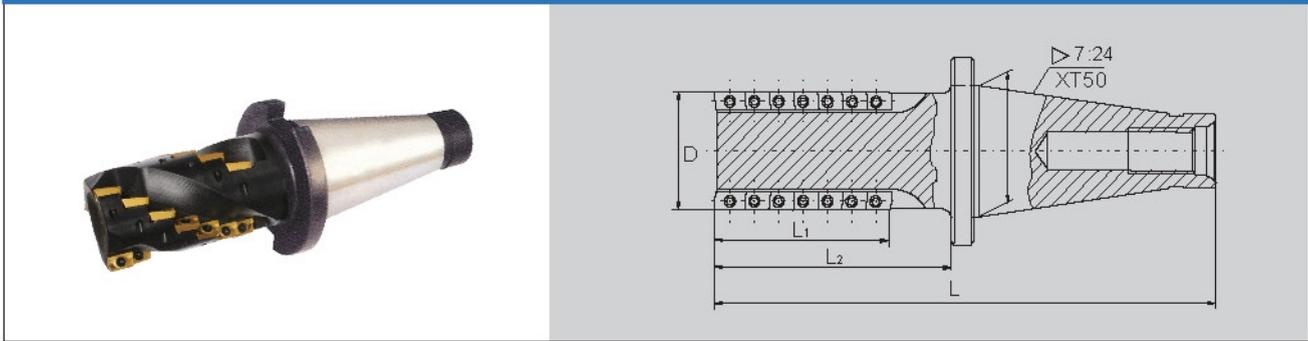
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 配件 | |
|-----------------------|----------|----|-----|----|----|-------|---------------------------|-------|-----|
| | D | d | L | L1 | L2 | INO | | 螺丝 | 扳手 |
| ASP50-61-XD22-75-3T | 50 | 22 | 75 | 61 | 27 | 3R15T | APMT1504-T/ SPMT120408 | M5x12 | T20 |
| ASP63-63-XD27-75-4T | 63 | 27 | 75 | 63 | 36 | 4R20T | | M5x12 | T20 |
| ASP80-52-XD32-80-6T | 80 | 32 | 80 | 52 | 38 | 6R24T | | M5x12 | T20 |
| ASP100-75-XD40-105-6T | 100 | 40 | 105 | 75 | 38 | 6R36T | | M5x12 | T20 |

EMP、ASP粗铣刀杆



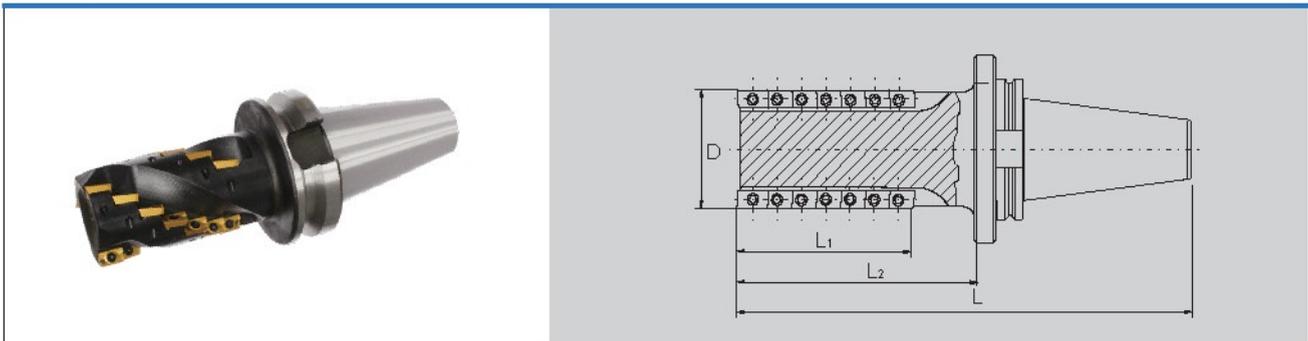
| 型号 | 基本尺寸(mm) | | | | | | |
|--------------|----------|----|----|----|----|----|-----------|
| | D1 | L1 | H1 | B | C1 | C2 | 刀具直径 |
| BT40-XD16-45 | 16 | 45 | 17 | 8 | 34 | 20 | Φ40 |
| BT40-XD22-50 | 22 | 50 | 27 | 10 | 42 | 28 | Φ50 |
| BT40-XD27-60 | 27 | 60 | 36 | 12 | 50 | 33 | Φ63 |
| BT50-XD22-50 | 22 | 50 | 27 | 10 | 42 | 28 | Φ50 |
| BT50-XD27-60 | 27 | 60 | 36 | 12 | 50 | 33 | Φ63 |
| BT50-XD32-75 | 32 | 75 | 38 | 14 | 60 | 40 | Φ80 |
| BT50-XD40-75 | 40 | 75 | 38 | 16 | 80 | 50 | Φ100-Φ125 |

EM粗铣刀-XT柄型



| 型号 | 基本尺寸(mm) | | | | 锥柄 | 齿数 | 刀片 | 刀片数 | 配件 | |
|-----------------------|----------|-----|-----|-----|------|----|----------|-----|----------|-----|
| | D | L1 | L2 | L | | | | | 螺丝 | 扳手 |
| EM40-XT40-53-AP11-3T | 40 | 53 | 105 | 171 | XT40 | 3 | APMT1135 | 18 | M2.5x6.5 | T8 |
| EM40XT40-49-AP16-3T | 40 | 49 | 105 | 171 | XT40 | 3 | APMT1604 | 12 | M4x10 | T15 |
| EM50XT40-63-AP16-3T | 50 | 63 | 113 | 179 | XT40 | 3 | APMT1604 | 15 | M4x10 | T15 |
| EM63XT40-76-AP16-3T | 63 | 76 | 126 | 192 | XT40 | 3 | APMT1604 | 18 | M4x10 | T15 |
| EM50XT50-76-AP16-3T | 50 | 76 | 138 | 268 | XT50 | 3 | APMT1604 | 18 | M4x10 | T15 |
| EM63XT50-88-AP16-3T | 63 | 88 | 152 | 282 | XT50 | 3 | APMT1604 | 21 | M4x10 | T15 |
| EM80XT50-92-AP16-5T | 80 | 92 | 156 | 286 | XT50 | 5 | APMT1604 | 35 | M4x10 | T15 |
| EM100XT50-109-AP16-6T | 100 | 109 | 173 | 303 | XT50 | 6 | APMT1604 | 48 | M4x10 | T15 |

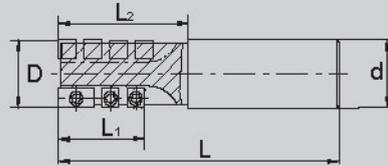
EM粗铣刀-BT/JT柄型



| 型号 | 基本尺寸(mm) | | | | 锥柄 | 齿数 | 刀片 | 刀片数 | 配件 | |
|--------------------------|----------|-----|-----|-----|------|----|----------|-----|----------|-----|
| | D | L1 | L2 | L | | | | | 螺丝 | 扳手 |
| EM40-BT/JT40-53-184-3T | 40 | 53 | 118 | 184 | XT40 | 3 | APMT1135 | 18 | M2.5x6.5 | T8 |
| EM40-BT/JT40-49-184-3T | 40 | 49 | 118 | 184 | XT40 | 3 | APMT1604 | 12 | M4x10 | T15 |
| EM50-BT/JT40-63-194-3T | 50 | 63 | 128 | 194 | XT40 | 3 | APMT1604 | 15 | M4x10 | T15 |
| EM63-BT/JT40-76-207-3T | 63 | 76 | 141 | 207 | XT40 | 3 | APMT1604 | 18 | M4x10 | T15 |
| EM50-BT/JT50-76-261-3T | 50 | 76 | 159 | 261 | XT50 | 3 | APMT1604 | 18 | M4x10 | T15 |
| EM63-BT/JT50-88-275-3T | 63 | 88 | 173 | 275 | XT50 | 3 | APMT1604 | 21 | M4x10 | T15 |
| EM80-BT/JT50-92-279-5T | 80 | 92 | 177 | 279 | XT50 | 5 | APMT1604 | 35 | M4x10 | T15 |
| EM100-BT/JT50-109-296-6T | 100 | 109 | 194 | 296 | XT50 | 6 | APMT1604 | 48 | M4x10 | T15 |

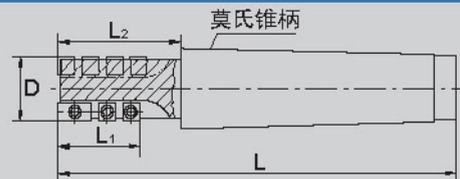
KLX粗铣刀

直柄型



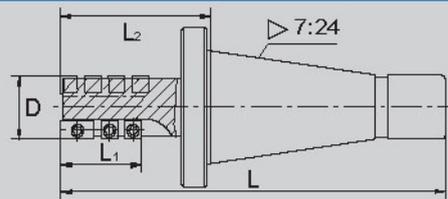
| 型号 | 基本尺寸(mm) | | | | | 齿数 | 端齿刀片 | 周齿刀片 | 刀片数 | 配件 | |
|---------------------|----------|----|-----|----|----|----|------------|------------|-----|------|-----|
| | D | d | L | L1 | L2 | | | | | 螺丝 | 扳手 |
| KLX32-C32-43-125-2T | 32 | 32 | 125 | 43 | 65 | 2 | ADMT150308 | SDMT090308 | 1/5 | M4x9 | T15 |
| KLX40-C40-50-145-4T | 40 | 40 | 145 | 50 | 75 | 4 | ADMT150308 | SDMT090308 | | M4x9 | T15 |
| KLX50-C42-56-160-4T | 50 | 42 | 160 | 56 | 80 | 4 | APMT1504-T | SPMT120408 | | M5 | T20 |

莫氏锥柄型



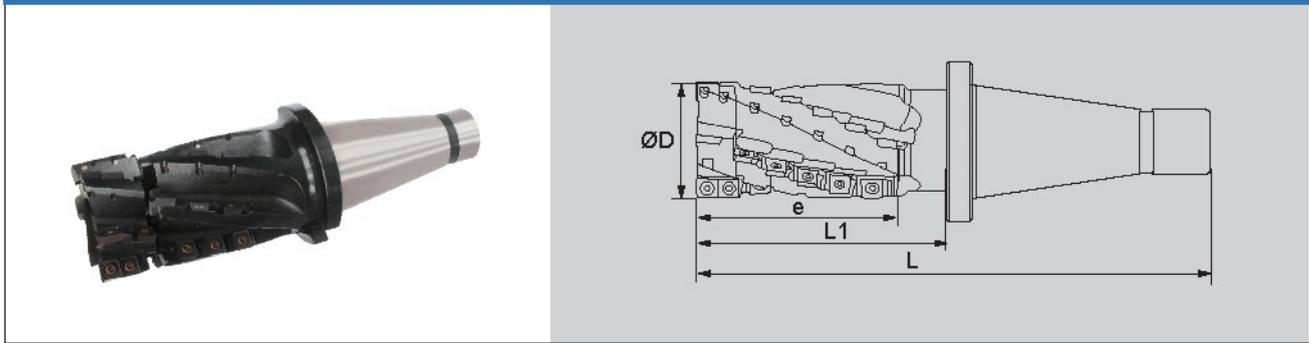
| 型号 | 基本尺寸(mm) | | | | 莫氏锥柄 | 齿数 | 端齿刀片 | 周齿刀片 | 刀片数 | 配件 | |
|-----------------------|----------|-----|-----|-----|------|----|------------|------------|-----|---------|-----|
| | D | L1 | L2 | L | | | | | | 螺丝 | 扳手 |
| KLX32-MW4-43-125-2T | 32 | 43 | 65 | 125 | MW4 | 2 | ADMT150308 | SDMT090308 | 1/5 | M4x9 | T15 |
| KLX40-MW4-50-145-4T | 40 | 50 | 75 | 145 | MW4 | 4 | ADMT150308 | SDMT090308 | | M4x9 | T15 |
| KLX50-MW4-56-160-4T | 50 | 56 | 80 | 160 | MW4 | 4 | APMT1504-T | SPMT120408 | | M5x10.5 | T20 |
| KLX50-MW5-76-221-4T | 50 | 76 | 105 | 221 | MW5 | 4 | APMT1504-T | SPMT120408 | | M5x10.5 | T20 |
| KLX63-MW5-86-251-4T | 63 | 86 | 115 | 251 | MW5 | 4 | APMT1504-T | SPMT120408 | | M5x10.5 | T20 |
| KLX63-MW6-86-304-4T | 63 | 86 | 115 | 304 | MW6 | 4 | APMT1504-T | SPMT120408 | | M5x10.5 | T20 |
| KLX80-MW5-96-261-6T | 80 | 96 | 125 | 261 | MW5 | 6 | APMT1504-T | SPMT120408 | | M5x10.5 | T20 |
| KLX80-MW6-96-314-6T | 80 | 96 | 125 | 314 | MW6 | 6 | APMT1504-T | SPMT120408 | | M5x10.5 | T20 |
| KLX100-MW6-106-324-6T | 100 | 106 | 135 | 324 | MW6 | 6 | APMT1504-T | SPMT120408 | | M5x10.5 | T20 |

锥柄型 7:24



| 型号 | 基本尺寸(mm) | | | | 7:24锥柄 | 齿数 | 端齿刀片 | 周齿刀片 | 刀片数 | 配件 | |
|---------------------------|----------|-----|-----|-----|---------|----|------------|------------|------|---------|-----|
| | D | L1 | L2 | L | | | | | | 螺丝 | 扳手 |
| KLX32-XT40-43-175-2T | 32 | 43 | 65 | 175 | XT40 | 2 | ADMT150308 | SDMT090308 | 1/5 | M4x9 | T15 |
| KLX40-XT40-50-190-4T | 40 | 50 | 93 | 190 | XT40 | 4 | ADMT150308 | SDMT090308 | 2/12 | M4x9 | T15 |
| KLX50-XT40-68-205-4T | 50 | 68 | 110 | 205 | XT40 | 4 | APMT1504-7 | SPMT120408 | 2/12 | M5x10.5 | T20 |
| KLX63-XT40-73-235-4T | 63 | 73 | 140 | 235 | XT40 | 4 | APMT1504-7 | SPMT120408 | 2/14 | M5x10.5 | T20 |
| KLX50-XT50-76-260-4T | 50 | 76 | 133 | 260 | XT50 | 4 | APMT1504-7 | SPMT120408 | 2/14 | M5x10.5 | T20 |
| KLX63-XT50-86-270-4T | 63 | 86 | 143 | 270 | XT50 | 4 | APMT1504-7 | SPMT120408 | 2/16 | M5x10.5 | T20 |
| KLX80-XT50-96-280-6T | 80 | 96 | 153 | 280 | XT50 | 6 | APMT1504-7 | SPMT120408 | 3/27 | M5x10.5 | T20 |
| KLX100-XT50-106-290-6T | 100 | 106 | 163 | 290 | XT50 | 6 | APMT1504-7 | SPMT120408 | 3/30 | M5x10.5 | T20 |
| KLX32-BT/JT40-43-162-2T | 32 | 43 | 97 | 162 | BT/JT40 | 2 | ADMT150308 | SDMT090308 | 1/5 | M4x9 | T15 |
| KLX40-BT/JT40-50-177-4T | 40 | 50 | 112 | 177 | BT/JT40 | 4 | ADMT150308 | SDMT090308 | 2/12 | M4x9 | T15 |
| KLX50-BT/JT40-68-176-4T | 50 | 68 | 110 | 176 | BT/JT40 | 4 | APMT1504-7 | SPMT120408 | 2/12 | M5x10.5 | T20 |
| KLX63-BT/JT40-73-206-4T | 63 | 73 | 140 | 206 | BT/JT40 | 4 | APMT1504-7 | SPMT120408 | 2/14 | M5x10.5 | T20 |
| KLX50-BT/JT50-76-258-4T | 50 | 76 | 156 | 258 | BT/JT50 | 4 | APMT1504-7 | SPMT120408 | 2/14 | M5x10.5 | T20 |
| KLX63-BT/JT50-86-268-4T | 63 | 86 | 166 | 268 | BT/JT50 | 4 | APMT1504-7 | SPMT120408 | 2/16 | M5x10.5 | T20 |
| KLX80-BT/JT50-96-278-6T | 80 | 96 | 176 | 278 | BT/JT50 | 6 | APMT1504-7 | SPMT120408 | 3/27 | M5x10.5 | T20 |
| KLX100-BT/JT50-106-288-6T | 100 | 106 | 186 | 288 | BT/JT50 | 6 | APMT1504-7 | SPMT120408 | 3/30 | M5x10.5 | T20 |

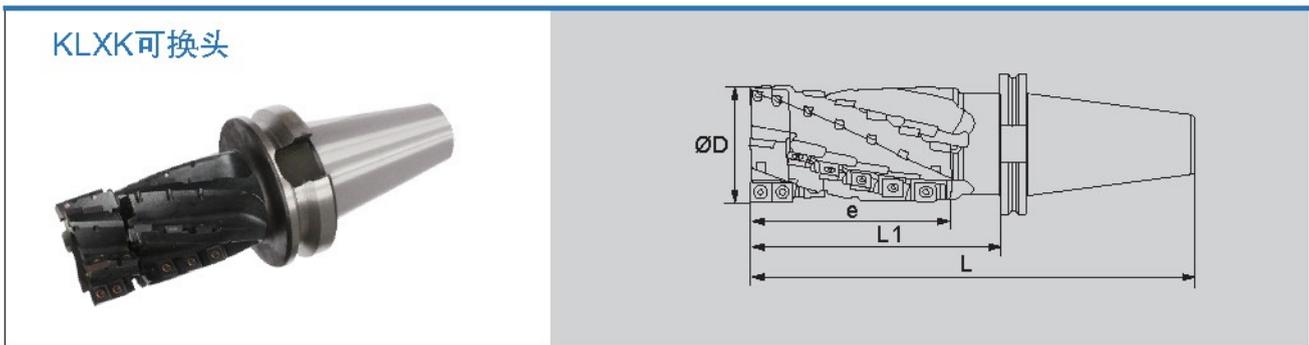
KLXK粗铣刀-XT柄型



| 直径 型号 | 直径 | | | | 7:24 锥柄 | 齿 数 | 端齿刀片 APMT160408 | 周齿刀片 SPMT120408 | 配件 | |
|-------------------------|-----|-----|-----|-----|------------|--------|--------------------|--------------------|---------|-----|
| | D | L1 | L2 | L | | | | | 螺丝 | 扳手 |
| KLXK50-XT50-76-260-4T | 50 | 76 | 133 | 260 | XT50 | 4 | 2 | 10+4 | M5x10.5 | T20 |
| KLXK63-XT50-86-270-4T | 63 | 86 | 143 | 270 | XT50 | 4 | 2 | 12+4 | M5x10.5 | T20 |
| KLXK80-XT50-96-280-6T | 80 | 96 | 153 | 280 | XT50 | 6 | 3 | 21+6 | M5x10.5 | T20 |
| KLXK100-XT50-106-290-6T | 100 | 106 | 163 | 290 | XT50 | 6 | 3 | 24+6 | M5x10.5 | T20 |

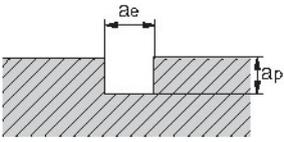
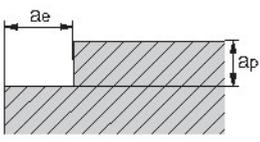
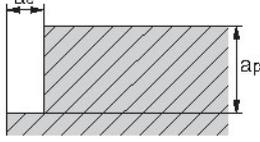
| 可换头 型号 | D | 刃长 | 齿数 | 端齿刀片 APMT160408 | 周齿刀片 SPMT120408 | 配件 | |
|------------|-----|----|----|--------------------|--------------------|---------|-----|
| | | | | | | 螺丝 | 扳手 |
| KLXK50-24 | 50 | 24 | 4 | 2 | 4 | M5x10.5 | T20 |
| KLXK63-24 | 63 | 24 | 4 | 2 | 4 | M5x10.5 | T20 |
| KLXK80-24 | 80 | 24 | 6 | 3 | 6 | M5x10.5 | T20 |
| KLXK100-24 | 100 | 24 | 6 | 3 | 6 | M5x10.5 | T20 |
| KLXK50-34 | 50 | 34 | 4 | 2 | 4 | M5x10.5 | T20 |
| KLXK63-34 | 63 | 34 | 4 | 2 | 4 | M5x10.5 | T20 |
| KLXK80-34 | 80 | 34 | 6 | 3 | 6 | M5x10.5 | T20 |
| KLXK100-34 | 100 | 34 | 6 | 3 | 6 | M5x10.5 | T20 |

KLXK粗铣刀-BT/JT柄型



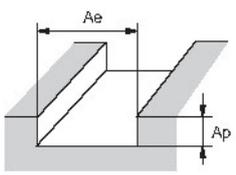
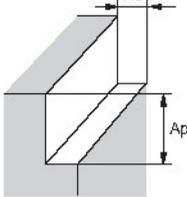
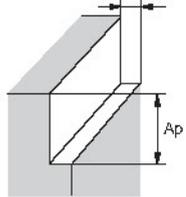
| 型号 | 直径 | | | | 7:24 锥柄 | 齿 数 | 端齿刀片 APMT160408 | 周齿刀片 SPMT120408 | 配件 | |
|----------------------------|-----|-----|-----|-----|------------|--------|--------------------|--------------------|---------|-----|
| | D | L1 | L2 | L | | | | | 螺丝 | 扳手 |
| KLXK50-BT/JT50-76-258-4T | 50 | 76 | 156 | 258 | BT/JT50 | 4 | 2 | 10+4 | M5x10.5 | T20 |
| KLXK63-BT/JT50-86-268-4T | 63 | 86 | 166 | 268 | BT/JT50 | 4 | 2 | 12+4 | M5x10.5 | T20 |
| KLXK80-BT/JT50-96-278-6T | 80 | 96 | 176 | 278 | BT/JT50 | 6 | 3 | 21+6 | M5x10.5 | T20 |
| KLXK100-BT/JT50-106-288-6T | 100 | 106 | 186 | 288 | BT/JT50 | 6 | 3 | 24+6 | M5x10.5 | T20 |

推荐切削用量

| 槽 铣 | 方肩台阶铣 | 深方肩台阶铣 |
|---|---|---|
|  |  |  |
| a_e 与刀具直径一致 $a_p \leq 0.5D$ | $a_e \leq 0.5D$ $a_p \leq 1.2D$ | $a_e \leq 0.2D$ a_p 小于切削刃长 |

| 被加工材料 | 硬度HB | 切削用量 方肩台阶铣 | | | | |
|-------------|------------|---------------|----------------|----------------|-----------------|-----------------|
| | | V (m/min) | f (mm/z) | | | |
| | | | -PF | -PM | -PR | |
| P 低碳钢、软钢 | ≤ 180 | 270 (240-350) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| | | 220 (180-300) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| | | 270 (200-360) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| | 高碳钢、合金钢 | 180-280 | 240 (180-350) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) |
| | | | 240 (210-320) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) |
| | | | 200 (160-280) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) |
| 合金工具钢 | 280-350 | 240 (180-360) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| | | 220 (150-330) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| | | 220 (180-300) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| | M 不锈钢 | ≤ 270 | 180 (150-250) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) |
| | | | 220 (160-340) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) |
| | | | 200 (120-300) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) |
| K 铸铁 | 180-250 | 170 (120-240) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| | | 160 (150-270) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| | | 150 (110-270) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| N 铝合金 | - | 140 (100-250) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | 0.25 (0.2-0.35) | |
| | | 200 (120-240) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | | |
| | | 180 (120-300) | 0.1 (0.08-0.2) | 0.2 (0.1-0.3) | | |
| | | -LH | | | | |
| | | | | 0.2 (0.08-0.4) | | |
| | | | | 0.2 (0.08-0.4) | | |

推荐切削用量

| 图A 铣沟槽 | 图B 方肩铣 | 图C 窄幅方肩铣 |
|---|---|---|
|  |  |  |
| $A_e = D$ $A_p = 0.5D$ (铸铁) 最大12mm (钢材) | $A_e = 0.5D$ $A_p = 1.5D$ (铸铁) 1.0D (钢材) | $A_e = 0.1D$ $A_p =$ 最大切削刃长以下 |

| 被加工材料 | 硬度HB | 切削参数 | | 加工状态 (图) | |
|-------------|------------|--------------|------------------|------------------|---|
| | | 切削速度 (m/min) | 进给速度 (mm/z) | | |
| P 低碳钢、软钢 | ≤ 180 | 80 (60-90) | 0.25 (0.1-0.35) | A | |
| | | 90 (70-120) | 0.3 (0.15-0.4) | B | |
| | | 90 (70-120) | 0.3 (0.15-0.4) | C | |
| | 高碳钢、合金钢 | 180-280 | 70 (60-100) | 0.2 (0.1-0.35) | A |
| | | | 80 (60-120) | 0.25 (0.15-0.35) | B |
| | | | 90 (70-120) | 0.25 (0.15-0.35) | C |
| 合金工具钢 | 280-350 | 50 (40-80) | 0.15 (0.08-0.25) | A | |
| | | 60 (50-100) | 0.2 (0.1-0.35) | B | |
| | | 70 (50-100) | 0.2 (0.1-0.35) | C | |
| | | 70 (50-100) | 0.2 (0.1-0.35) | A | |
| K 铸铁 | 180-250 | 80 (60-120) | 0.25 (0.15-0.35) | B | |
| | | 90 (80-120) | 0.25 (0.15-0.35) | C | |
| | | 90 (80-120) | 0.25 (0.15-0.35) | C | |

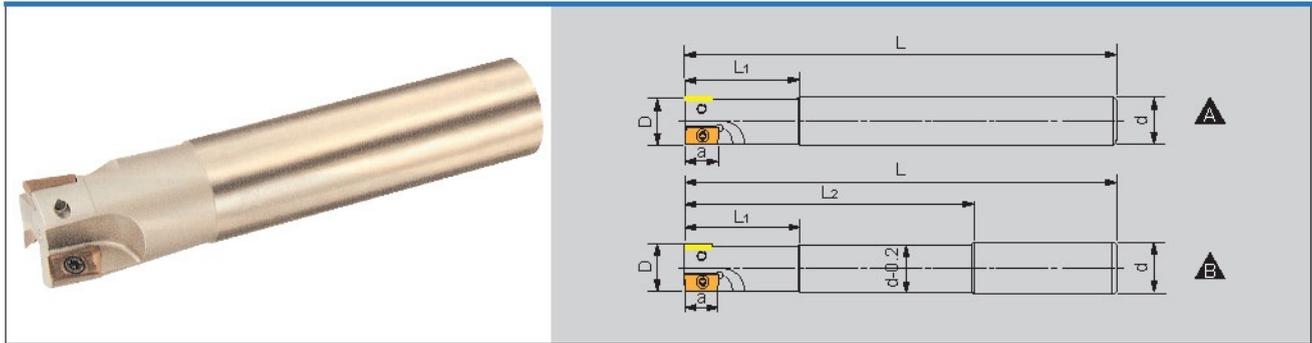
B

铣削刀具



模具铣刀

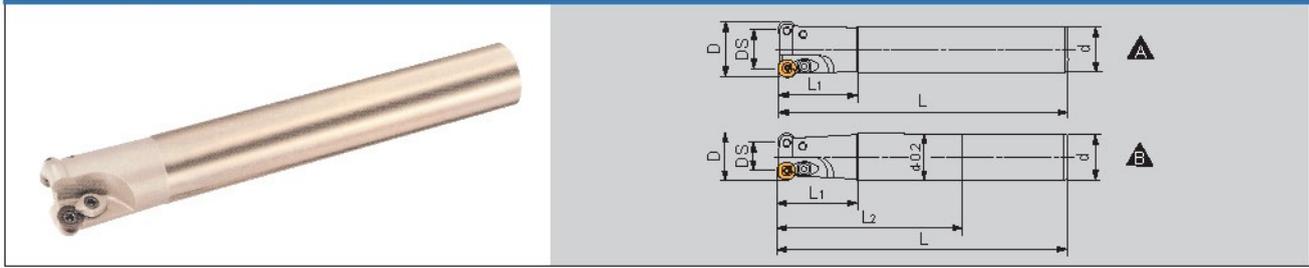
AHU直角台肩铣刀



| 型号 | 刃数 | 图示 | 基本尺寸(mm) | | | | | | 刀片型号 | 配件 | | |
|-----|------------|----|----------|----|----|----|----|-----|------|-------------|--------|-----|
| | | | D | d | a | L1 | L2 | L | | 螺丝 | 扳手 | |
| AHU | C10-10-100 | 1 | A | 10 | 10 | 9 | 25 | - | 100 | JDMT 100308 | M2.5x5 | T8 |
| | C12-12-130 | 1 | A | 12 | 12 | 9 | 25 | - | 130 | JDMT 100308 | M2.5x5 | T8 |
| | C12-13-130 | 1 | A | 12 | 12 | 9 | 25 | - | 130 | JDMT 100308 | M2.5x5 | T8 |
| | C16-16-120 | 2 | B | 16 | 16 | 9 | 40 | 100 | 120 | JDMT 100308 | M2.5x6 | T8 |
| | C16-16-160 | 2 | B | 16 | 16 | 9 | 50 | 115 | 160 | JDMT 100308 | M2.5x6 | T8 |
| | C16-16-180 | 2 | B | 16 | 16 | 9 | 60 | 90 | 180 | JDMT 100308 | M2.5x6 | T8 |
| | C16-16-200 | 2 | B | 16 | 16 | 9 | 60 | 100 | 200 | JDMT 100308 | M2.5x6 | T8 |
| | C20-20-120 | 2 | A | 20 | 20 | 9 | 50 | - | 120 | JDMT 100308 | M2.5x6 | T8 |
| | C20-20-160 | 2 | A | 20 | 20 | 9 | 60 | - | 160 | JDMT 100308 | M2.5x6 | T8 |
| | C20-20-200 | 2 | B | 20 | 20 | 9 | 70 | 100 | 200 | JDMT 100308 | M2.5x6 | T8 |
| | C25-25-160 | 2 | A | 25 | 25 | 14 | 70 | - | 160 | JDMT 150508 | M4x9 | T15 |
| | C25-25-200 | 2 | B | 25 | 25 | 14 | 70 | 100 | 200 | JDMT 150508 | M4x9 | T15 |
| | C25-25-250 | 2 | B | 25 | 25 | 14 | 80 | 115 | 250 | JDMT 150508 | M4x9 | T15 |
| | C25-25-300 | 2 | B | 25 | 25 | 14 | 80 | 165 | 300 | JDMT 150508 | M4x9 | T15 |
| | C32-32-160 | 2 | A | 32 | 32 | 14 | 48 | - | 160 | JDMT 150508 | M4x9 | T15 |
| | C32-32-200 | 2 | B | 32 | 32 | 14 | 48 | 100 | 200 | JDMT 150508 | M4x9 | T15 |
| | C32-32-250 | 2 | B | 32 | 32 | 14 | 48 | 115 | 250 | JDMT 150508 | M4x9 | T15 |
| | C32-32-250 | 3 | B | 32 | 32 | 14 | 48 | 115 | 250 | JDMT 150508 | M4x9 | T15 |
| | C32-35-160 | 2 | A | 35 | 32 | 14 | 60 | - | 160 | JDMT 150508 | M4x9 | T15 |
| | C32-35-200 | 2 | A | 35 | 32 | 14 | 60 | - | 200 | JDMT 150508 | M4x9 | T15 |
| | C32-35-250 | 2 | A | 35 | 32 | 14 | 60 | - | 250 | JDMT 150508 | M4x9 | T15 |
| | C32-35-300 | 2 | A | 35 | 32 | 14 | 60 | - | 300 | JDMT 150508 | M4x9 | T15 |
| | C32-35-350 | 2 | A | 35 | 32 | 14 | 60 | - | 350 | JDMT 150508 | M4x9 | T15 |
| | C32-35-400 | 2 | A | 35 | 32 | 14 | 60 | - | 400 | JDMT 150508 | M4x9 | T15 |
| | C32-35-450 | 2 | A | 35 | 32 | 14 | 60 | - | 450 | JDMT 150508 | M4x9 | T15 |
| | C32-35-500 | 2 | A | 35 | 32 | 14 | 60 | - | 500 | JDMT 150508 | M4x9 | T15 |
| | C32-35-160 | 3 | A | 35 | 32 | 14 | 60 | - | 160 | JDMT 150508 | M4x9 | T15 |
| | C32-35-200 | 3 | A | 35 | 32 | 14 | 60 | - | 200 | JDMT 150508 | M4x9 | T15 |
| | C32-35-250 | 3 | A | 35 | 32 | 14 | 60 | - | 250 | JDMT 150508 | M4x9 | T15 |
| | C32-35-300 | 3 | A | 35 | 32 | 14 | 60 | - | 300 | JDMT 150508 | M4x9 | T15 |
| | C32-35-350 | 3 | A | 35 | 32 | 14 | 60 | - | 350 | JDMT 150508 | M4x9 | T15 |
| | C32-35-400 | 3 | A | 35 | 32 | 14 | 60 | - | 400 | JDMT 150508 | M4x9 | T15 |
| | C32-35-450 | 3 | A | 35 | 32 | 14 | 60 | - | 450 | JDMT 150508 | M4x9 | T15 |
| | C32-35-500 | 3 | A | 35 | 32 | 14 | 60 | - | 500 | JDMT 150508 | M4x9 | T15 |
| | C32-40-200 | 3 | A | 40 | 32 | 14 | 60 | - | 200 | JDMT 150508 | M4x9 | T15 |
| | C32-40-250 | 3 | A | 40 | 32 | 14 | 60 | - | 250 | JDMT 150508 | M4x9 | T15 |
| | C32-40-300 | 3 | A | 40 | 32 | 14 | 60 | - | 300 | JDMT 150508 | M4x9 | T15 |

适应日立刀片

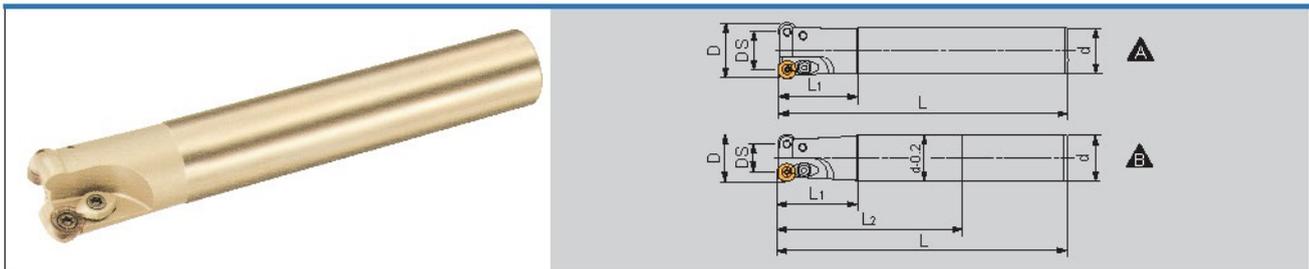
EMR舍弃式端铣刀



| 型号 | 刃数 | 图示 | 基本尺寸(mm) | | | | | | 刀片型号 | 配件 | | | |
|-----|---------------|----|----------|----|----|----|----|---|------|-------------|----------------------|------|-----|
| | | | D | DS | d | L1 | L2 | L | | 螺丝 | 压板 | 扳手 | |
| EMR | C25-5R30-150 | 2 | A | 30 | 20 | 25 | 35 | - | 150 | RPMW1003MOE | (刀片)M4x9 (压板)M4x9 | Y-5R | T15 |
| | C25-5R30-200 | 2 | A | 30 | 20 | 25 | 35 | - | 200 | RPMW1003MOE | | Y-5R | T15 |
| | C32-5R35-200 | 2 | A | 35 | 25 | 32 | 48 | - | 200 | RPMW1003MOE | | Y-5R | T15 |
| | C32-5R35-250 | 2 | A | 35 | 25 | 32 | 48 | - | 250 | RPMW1003MOE | | Y-5R | T15 |
| | C32-5R35-350 | 2 | A | 35 | 25 | 32 | 48 | - | 350 | RPMW1003MOE | | Y-5R | T15 |
| | C32-5R35-200 | 3 | A | 35 | 25 | 32 | 48 | - | 200 | RPMW1003MOE | | Y-5R | T15 |
| | C32-5R35-250 | 3 | A | 35 | 25 | 32 | 48 | - | 250 | RPMW1003MOE | Y-5R | T15 | |
| | C32-5R35-300 | 3 | A | 35 | 25 | 32 | 48 | - | 300 | RPMW1003MOE | Y-5R | T15 | |
| | C25-6R32-150 | 2 | A | 32 | 20 | 25 | 42 | - | 150 | RPMT1204MOE | (刀片)M4x9 (压板)M4x9 | Y-6R | T15 |
| | C25-6R32-200 | 2 | A | 32 | 20 | 25 | 42 | - | 200 | RPMT1204MOE | | Y-6R | T15 |
| | C32-6R40-200 | 3 | A | 40 | 28 | 32 | 48 | - | 200 | RPMT1204MOE | | Y-6R | T15 |
| | C32-6R40-250 | 3 | A | 40 | 28 | 32 | 48 | - | 250 | RPMT1204MOE | | Y-6R | T15 |
| | C32-6R40-300 | 3 | A | 40 | 28 | 32 | 48 | - | 300 | RPMT1204MOE | | Y-6R | T15 |
| | C32-6R50-150 | 4 | A | 50 | 38 | 32 | 48 | - | 150 | RPMT1204MOE | | Y-6R | T15 |
| | C32-6R50-200 | 4 | A | 50 | 38 | 32 | 48 | - | 200 | RPMT1204MOE | Y-6R | T15 | |
| | C32-6R-50-250 | 4 | A | 50 | 38 | 32 | 48 | - | 250 | RPMT1204MOE | Y-6R | T15 | |

适应日立刀片

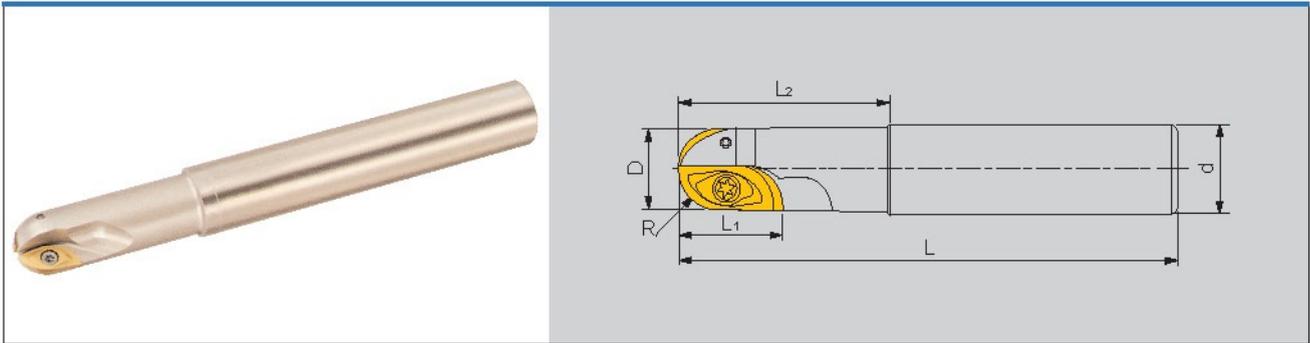
EMRT舍弃式端铣刀



| 型号 | 刃数 | 图示 | 基本尺寸(mm) | | | | | | 刀片型号 | 配件 | | | |
|--------------|--------------|----|----------|----|----|----|----|-----|-------------|-------------|----------------------|------|-----|
| | | | D | DS | d | L1 | L2 | L | | 螺丝 | 压板 | 扳手 | |
| EMRT | C25-5R30-150 | 2 | A | 30 | 20 | 25 | 35 | - | 150 | RPMT10T3MOE | (刀片)M4x9 (压板)M4x9 | Y-5R | T15 |
| | C25-5R30-220 | 2 | A | 30 | 20 | 25 | 35 | - | 200 | RPMT10T3MOE | | Y-5R | T15 |
| | C32-5R35-200 | 2 | A | 35 | 25 | 32 | 48 | - | 200 | RPMT10T3MOE | | Y-5R | T15 |
| | C32-5R35-250 | 2 | A | 35 | 25 | 32 | 48 | - | 250 | RPMT10T3MOE | | Y-5R | T15 |
| | C32-5R35-300 | 2 | A | 35 | 25 | 32 | 48 | - | 300 | RPMT10T3MOE | | Y-5R | T15 |
| | C32-5R35-200 | 3 | A | 35 | 25 | 32 | 48 | - | 200 | RPMT10T3MOE | | Y-5R | T15 |
| | C32-5R35-250 | 3 | A | 35 | 25 | 32 | 48 | - | 250 | RPMT10T3MOE | Y-5R | T15 | |
| | C32-5R35-300 | 3 | A | 35 | 25 | 32 | 48 | - | 300 | RPMT10T3MOE | Y-5R | T15 | |
| | C25-6R32-150 | 2 | A | 32 | 20 | 25 | 42 | - | 150 | RPMT1204MOE | (刀片)M4x9 (压板)M4x9 | Y-6R | T15 |
| | C25-6R32-200 | 2 | A | 32 | 20 | 25 | 42 | - | 200 | RPMT1204MOE | | Y-6R | T15 |
| | C25-6R32-250 | 2 | A | 32 | 20 | 25 | 42 | - | 250 | RPMT1204MOE | | Y-6R | T15 |
| | C32-6R40-200 | 3 | A | 40 | 28 | 32 | 48 | - | 200 | RPMT1204MOE | | Y-6R | T15 |
| | C32-6R40-250 | 3 | A | 40 | 28 | 32 | 48 | - | 250 | RPMT1204MOE | | Y-6R | T15 |
| | C32-6R40-300 | 3 | A | 40 | 28 | 32 | 48 | - | 300 | RPMT1204MOE | | Y-6R | T15 |
| | C32-6R50-150 | 4 | A | 50 | 38 | 32 | 48 | - | 150 | RPMT1204MOE | Y-6R | T15 | |
| | C32-6R50-200 | 4 | A | 50 | 38 | 32 | 48 | - | 200 | RPMT1204MOE | Y-6R | T15 | |
| C32-6R50-250 | 4 | A | 50 | 38 | 32 | 48 | - | 250 | RPMT1204MOE | Y-6R | T15 | | |

适应日立刀片

RCF球形中粗刀



| 型号 | 刃数 | 基本尺寸(mm) | | | | | | 刀片型号 |
|-----|---------------|----------|------|----|----|----|-----|------------------------|
| | | R | D | d | L1 | L2 | L | |
| RCF | C20-10R-150 | 2 | 10 | 20 | 20 | 18 | 60 | ZCEW100CE ZCEW100SE |
| | C20-10R-200 | 2 | 10 | 20 | 20 | 18 | 70 | |
| | C25-10R-150 | 2 | 10 | 20 | 25 | 18 | 60 | |
| | C25-10R-200 | 2 | 10 | 20 | 25 | 18 | 70 | |
| | C25-10R-250 | 2 | 10 | 20 | 25 | 18 | 80 | |
| | C32-10R-250 | 2 | 10 | 20 | 32 | 18 | 90 | |
| | C32-10R-300 | 2 | 10 | 20 | 32 | 18 | 110 | |
| | C25-12.5R-150 | 2 | 12.5 | 25 | 25 | 23 | 60 | ZCEW125CE ZCEW125SE |
| | C25-12.5R-200 | 2 | 12.5 | 25 | 25 | 18 | 70 | |
| | C32-12.5R-200 | 2 | 12.5 | 25 | 32 | 23 | 80 | |
| | C32-12.5R-250 | 2 | 12.5 | 25 | 32 | 23 | 90 | |
| | C32-12.5R-300 | 2 | 12.5 | 25 | 32 | 23 | 110 | |
| | C32-15R-150 | 2 | 15 | 30 | 32 | 28 | 60 | ZCEW150CE ZCEW150SE |
| | C32-15R-200 | 2 | 15 | 30 | 32 | 28 | 70 | |
| | C32-15R-250 | 2 | 15 | 30 | 32 | 28 | 80 | |
| | C32-15R-300 | 2 | 15 | 30 | 32 | 28 | 110 | |
| | C32-15R-350 | 2 | 15 | 30 | 32 | 28 | 110 | |

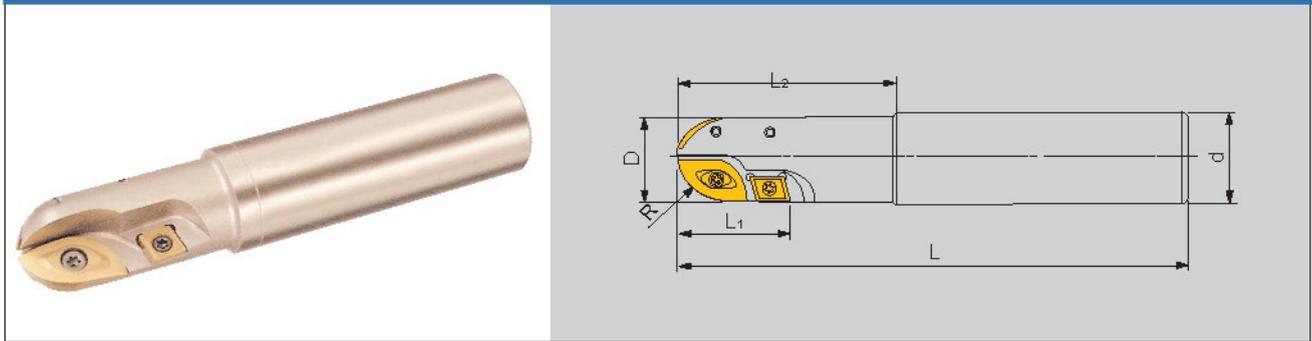
适用：日立刀片

| 刀片规格 | 图示 | 基本尺寸(mm) | | | | 螺丝 | 扳手 |
|-----------|----|----------|------|------|------|----|-----|
| | | R | A | B | T | | |
| ZCEW100CE | | 10 | 18 | 10.3 | 4.74 | M3 | T8 |
| ZCEW100SE | | 10 | 16.6 | 8.3 | 4.24 | M3 | T8 |
| ZCEW125CE | | 12.5 | 23 | 12.3 | 6.10 | M4 | T15 |
| ZCEW125SE | | 12.5 | 20.8 | 9.3 | 5.40 | M4 | T15 |
| ZCEW150CE | | 15 | 28 | 15.1 | 7.59 | M5 | T20 |
| ZCEW150SE | | 15 | 25.8 | 12.1 | 7.09 | M5 | T20 |

| 刀片规格 | 图示 | 基本尺寸(mm) | | |
|-------------|----|----------|-----|------|
| | | d | d1 | S |
| RPMT08T2MOE | | 8 | 3.4 | 2.78 |
| RPMT10T3MOE | | 10 | 4.4 | 3.18 |
| RPMT1204MOE | | 12 | 4.4 | 4.76 |

EMRT舍弃式端铣刀

B
铣削刀具

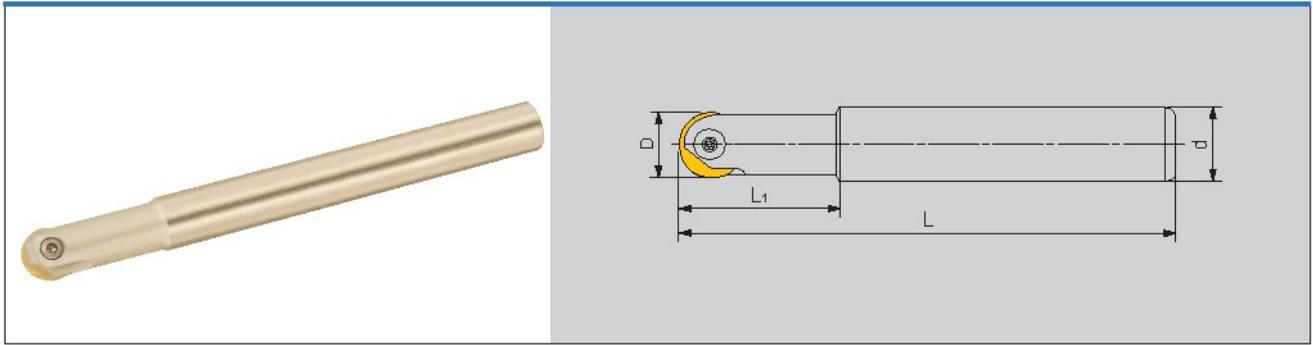


| 型号 | 刃数 | 基本尺寸(mm) | | | | | | | 刀片型号 |
|-------------|---------------|----------|------|----|----|-----|-----|-----|--------------------------------------|
| | | R | D | d | L1 | L2 | L | | |
| RCFL | C20-10R-150 | 2 | 10 | 20 | 20 | 18 | 60 | 150 | ZCEW100CE ZCEW100SE CPMT080204 |
| | C20-10R-200 | 2 | 10 | 20 | 20 | 18 | 70 | 200 | |
| | C25-10R-150 | 2 | 10 | 20 | 25 | 18 | 60 | 150 | |
| | C25-10R-200 | 2 | 10 | 20 | 25 | 18 | 70 | 200 | |
| | C25-10R-250 | 2 | 10 | 20 | 25 | 18 | 80 | 250 | |
| | C32-10R-250 | 2 | 10 | 20 | 32 | 18 | 115 | 250 | |
| | C32-10R-300 | 2 | 10 | 20 | 32 | 18 | 115 | 300 | ZCEW125CE ZCEW125SE CPMT090308 |
| | C25-12.5R-150 | 2 | 12.5 | 25 | 25 | 23 | 60 | 150 | |
| | C25-12.5R-200 | 2 | 12.5 | 25 | 25 | 18 | 70 | 200 | |
| | C32-12.5R-150 | 2 | 12.5 | 25 | 32 | 23 | 70 | 150 | |
| | C32-12.5R-200 | 2 | 12.5 | 25 | 32 | 23 | 80 | 200 | |
| | C32-12.5R-250 | 2 | 12.5 | 25 | 32 | 23 | 90 | 250 | |
| | C32-12.5R-300 | 2 | 12.5 | 25 | 32 | 23 | 105 | 300 | ZCEW150CE ZCEW150SE CPMT090308 |
| | C32-15R-150 | 2 | 15 | 30 | 32 | 28 | 60 | 150 | |
| C32-15R-200 | 2 | 15 | 30 | 32 | 28 | 70 | 200 | | |
| C32-15R-250 | 2 | 15 | 30 | 32 | 28 | 80 | 250 | | |
| C32-15R-300 | 2 | 15 | 30 | 32 | 28 | 100 | 300 | | |
| C32-15R-350 | 2 | 15 | 30 | 32 | 28 | 100 | 350 | | |

适用：日立刀片

| 刀片规格 | 图示 | 基本尺寸(mm) | | | | 螺丝 | 扳手 |
|------------|----|----------|-------|------|------|------|-----|
| | | R | A | B | T | | |
| ZCEW100CE | | 10 | 18 | 10.3 | 4.74 | M3 | T8 |
| ZCEW100SE | | 10 | 16.6 | 8.3 | 4.24 | M3 | T8 |
| ZCEW125CE | | 12.5 | 23 | 12.3 | 6.1 | M4 | T15 |
| ZCEW125SE | | 12.5 | 20.8 | 9.3 | 5.4 | M4 | T15 |
| ZCEW150CE | | 15 | 28 | 15.1 | 7.59 | M5 | T20 |
| ZCEW150SE | | 15 | 25.8 | 12.1 | 7.09 | M5 | T20 |
| CPMT080204 | | 0.4 | 7.94 | - | 2.38 | M2.5 | T8 |
| CPMT090308 | | 0.5 | 9.525 | - | 3.18 | M4 | T15 |

BF球头精加工立铣刀



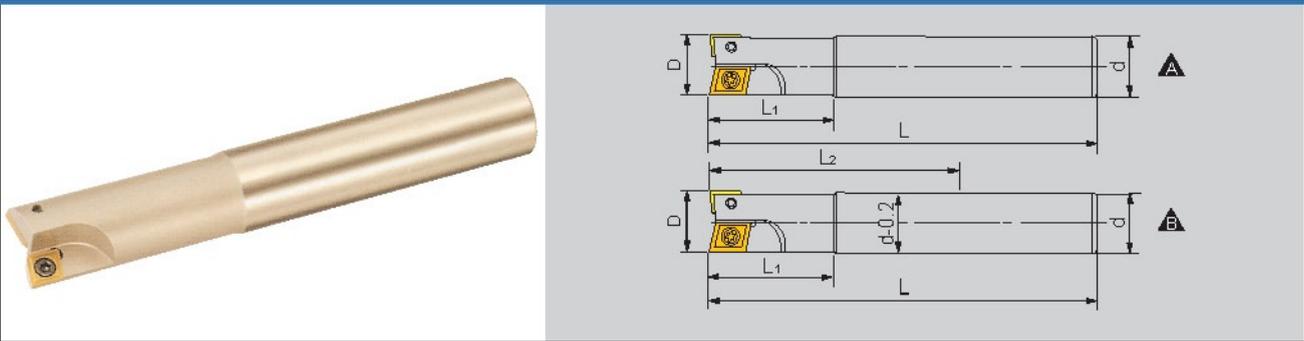
| 型号 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | | |
|-------------|---------------|----|-----|-----|-----------|-----------|--------|-----|
| | D | d | L1 | L | | 螺丝 | 扳手 | |
| BF | C12-4R-100 | 8 | 12 | 28 | 100 | P3200-D08 | BF-D08 | T8 |
| | C12-4R-130 | 8 | 12 | 50 | 130 | P3200-D08 | BF-D08 | T8 |
| | C12-4R-140 | 8 | 12 | 65 | 140 | P3200-D08 | BF-D08 | T8 |
| | C12-4R-150 | 8 | 12 | 65 | 150 | P3200-D08 | BF-D08 | T8 |
| | C10-5R-100 | 10 | 10 | 28 | 100 | P3200-D10 | BF-D10 | T15 |
| | C10-5R-110 | 10 | 10 | 28 | 110 | P3200-D10 | BF-D10 | T15 |
| | C12-5R-130 | 10 | 12 | 32 | 130 | P3200-D10 | BF-D10 | T15 |
| | C12-5R-150 | 10 | 12 | 32 | 150 | P3200-D10 | BF-D10 | T15 |
| | C12-6R-120 | 12 | 12 | 32 | 120 | P3200-D12 | BF-D12 | T20 |
| | C12-6R-130 | 12 | 12 | 32 | 130 | P3200-D12 | BF-D12 | T20 |
| | C12-6R-150 | 12 | 12 | 32 | 150 | P3200-D12 | BF-D12 | T20 |
| | C12-6R-160 | 12 | 12 | 32 | 160 | P3200-D12 | BF-D12 | T20 |
| | C16-6R-150 | 12 | 16 | 32 | 150 | P3200-D12 | BF-D12 | T20 |
| | C16-8R-120 | 16 | 16 | 65 | 120 | P3200-D16 | BF-D16 | T20 |
| | C16-8R-150 | 16 | 16 | 65 | 150 | P3200-D16 | BF-D16 | T20 |
| | C16-8R-180 | 16 | 16 | 65 | 180 | P3200-D16 | BF-D16 | T20 |
| | C16-8R-200 | 16 | 16 | 65 | 200 | P3200-D16 | BF-D16 | T20 |
| | C20-10R-150 | 20 | 20 | 35 | 150 | P3200-D20 | BF-D20 | T20 |
| | C20-10R-200 | 20 | 20 | 90 | 200 | P3200-D20 | BF-D20 | T20 |
| | C25-10R-150 | 20 | 25 | 100 | 150 | P3200-D20 | BF-D20 | T20 |
| | C25-10R-200 | 20 | 25 | 100 | 200 | P3200-D20 | BF-D20 | T20 |
| | C25-10R-250 | 20 | 25 | 100 | 250 | P3200-D20 | BF-D20 | T20 |
| | C25-12.5R-150 | 25 | 25 | 45 | 150 | P3200-D25 | BF-D25 | T20 |
| | C25-12.5R-200 | 25 | 25 | 100 | 200 | P3200-D25 | BF-D25 | T20 |
| | C25-12.5R-250 | 25 | 25 | 100 | 250 | P3200-D25 | BF-D25 | T20 |
| | C32-12.5R-200 | 25 | 32 | 100 | 200 | P3200-D25 | BF-D25 | T20 |
| | C32-12.5R-250 | 25 | 32 | 100 | 250 | P3200-D25 | BF-D25 | T20 |
| | C32-16R-200 | 32 | 32 | 100 | 200 | P3200-D32 | BF-D32 | T32 |
| C32-16R-250 | 32 | 32 | 100 | 250 | P3200-D32 | BF-D32 | T32 | |
| C32-16R-300 | 32 | 32 | 100 | 300 | P3200-D32 | BF-D32 | T32 | |

适用：瓦尔特刀片

| 刀片规格 | 图示 | 基本尺寸(mm) | | | | |
|------------|----|----------|------|----|-----|---|
| | | D | R | L | S | d |
| P 3200-D10 | | 10 | 5 | 5 | 2.5 | 4 |
| P 3200-D12 | | 12 | 6 | 6 | 2.5 | 5 |
| P 3200-D16 | | 16 | 8 | 6 | 3 | 5 |
| P 3200-D20 | | 20 | 10 | 6 | 3 | 5 |
| P 3200-D25 | | 25 | 12.5 | 9 | 4 | 6 |
| P 3200-D30 | | 30 | 15 | 10 | 5 | 8 |
| P 3200-D32 | | 32 | 16 | 10 | 5 | 8 |

AJU过中心钻铣刀

B
铣削刀具

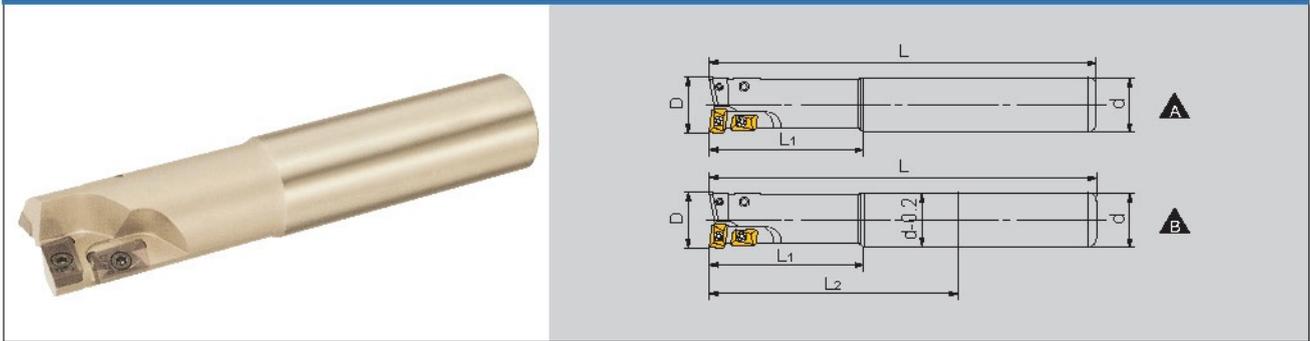


| 型号 | 刃数 | 图示 | 基本尺寸(mm) | | | | | 刀片规格 | | 刀片型号 | 配件 | | |
|------------|------------|----|----------|----|----|----|-----|--------|--------|-------------|-------------|--------|--------|
| | | | D | d | L1 | L2 | L | A | B | | 螺丝 | 扳手 | |
| AJU | C08-08-100 | 1 | A | 8 | 8 | 30 | - | 100 | | | | M2.5 | T8 |
| | C10-10-100 | 1 | A | 10 | 10 | 30 | - | 100 | 6.35 | 2.38 | CCMT060204 | M2.5 | T8 |
| | C10-10-130 | 1 | A | 10 | 10 | 30 | - | 130 | | | | M2.5 | T8 |
| | C12-12-130 | 1 | A | 12 | 12 | 30 | - | 130 | 7.94 | 2.38 | CPMT080204Z | M2.5 | T8 |
| | C16-16-120 | 2 | A | 16 | 16 | 35 | | 120 | | | | M2.5 | T8 |
| | C16-16-150 | 2 | A | 16 | 16 | 35 | | 150 | 6.35 | 2.38 | CCMT060204 | M2.5 | T8 |
| | C16-16-180 | 2 | B | 16 | 16 | 35 | 90 | 180 | 7.94 | | CPMT080204Z | M2.5 | T8 |
| | C16-16-200 | 2 | B | 16 | 16 | 40 | 100 | 200 | | | | M2.5 | T8 |
| | C20-20-150 | 2 | A | 20 | 20 | 50 | - | 150 | 6.35 | 2.38 | CCMT060204 | M2.5 | T8 |
| | C20-20-200 | 2 | B | 20 | 20 | 60 | 100 | 200 | 9.525 | | CPMT090204Z | M3.5 | T15 |
| | C25-25-150 | 2 | A | 25 | 25 | 60 | - | 150 | | | | M4 | T15 |
| | C25-25-200 | 2 | B | 25 | 25 | 70 | 100 | 200 | 9.525 | 3.18 | CPCMT090308 | M4 | T15 |
| | C25-25-250 | 2 | B | 25 | 25 | 80 | 115 | 250 | 12.7 | | CPMT120308Z | M4 | T15 |
| | C32-32-200 | 2 | B | 32 | 32 | 60 | 100 | 200 | | | | M5 | T20 |
| | C32-32-250 | 2 | B | 32 | 32 | 70 | 115 | 250 | 12.7 | 4.76 | CPMT120408 | M5 | T20 |
| | C32-32-300 | 2 | B | 32 | 32 | 80 | 165 | 300 | 15.875 | | CPMT160408Z | M5 | T20 |
| | C32-40-200 | 2 | A | 40 | 32 | 50 | - | 200 | | | | M5 | T20 |
| | C32-40-250 | 2 | A | 40 | 32 | 50 | - | 250 | 15.875 | 4.76 | CPMT160408Z | M5 | T20 |
| | C32-40-300 | 2 | A | 40 | 32 | 50 | 165 | 300 | 19.05 | | CPMT190408Z | M5 | T20 |
| | C32-50-200 | 3 | A | 50 | 32 | 50 | - | 200 | 9.525 | 3.18 | CPMT090308 | M3.5 | T15T20 |
| C32-50-250 | 3 | A | 50 | 32 | 50 | - | 250 | 12.7 | | CPMT120408Z | M4 | T15T20 | |
| C32-50-300 | 3 | A | 50 | 32 | 50 | - | 300 | 15.875 | 4.76 | CPMT160408Z | M5 | T15T20 | |

特殊型号

| 型号 | 刃数 | 图示 | 基本尺寸(mm) | | | | 刀片规格 | | 刀片型号 | 配件 | | |
|-----|------------|----|----------|----|----|----|------|-------|------|-------------|------|-----|
| | | | D | d | L1 | L | A | B | | 螺丝 | 扳手 | |
| AJU | C15-16-120 | 2 | A | 16 | 15 | 35 | 120 | | | | M2.5 | T8 |
| | C15-16-150 | 2 | A | 16 | 15 | 35 | 180 | 6.35 | 2.38 | CCMT060204 | M2.5 | T8 |
| | C15-16-180 | 2 | A | 16 | 15 | 40 | 180 | 7.94 | | CPMT080204Z | M2.5 | T8 |
| | C15-16-200 | 2 | A | 16 | 15 | 40 | 200 | | | | M2.5 | T8 |
| | C19-20-150 | 2 | A | 20 | 19 | 35 | 120 | 6.35 | 2.38 | CCMT060204 | M2.5 | T8 |
| | C19-20-200 | 2 | A | 20 | 19 | 40 | 200 | 9.525 | | CPMT090204Z | M3.5 | T15 |
| | C24-25-150 | 2 | A | 25 | 24 | 35 | 130 | | | | M4 | T15 |
| | C24-25-200 | 2 | A | 25 | 24 | 35 | 230 | 9.525 | 2.38 | CPCMT090308 | M4 | T15 |
| | C24-25-250 | 2 | A | 25 | 24 | 40 | 230 | 12.7 | | CPMT120308Z | M4 | T15 |

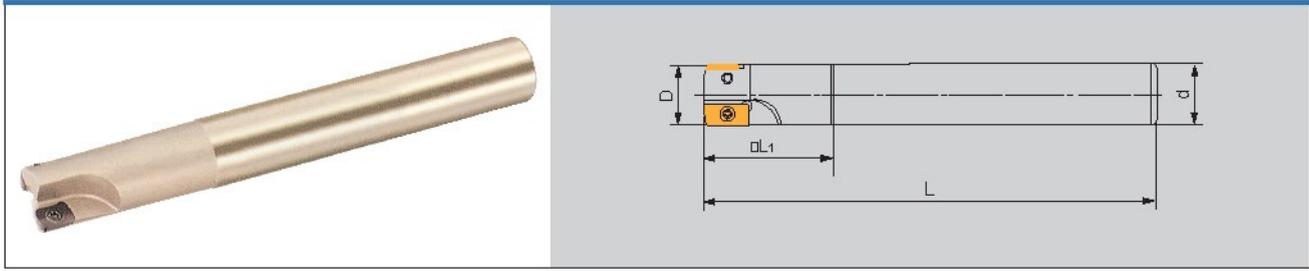
ASJ钻铣共用型铣刀(短刃型)



| 型号 | 横刃 | 竖刃 | 图示 | 基本尺寸(mm) | | | | | 横刀片 | 竖刀片 | 配件 | | |
|-----|------------|----|----|----------|----|----|----|-----|-----|-------------|-------------|------|-----|
| | | | | D | d | L1 | L2 | L | | | 螺丝 | 扳手 | |
| ASJ | C20-20-150 | 1 | 3 | A | 20 | 20 | 35 | - | 150 | ADMT100308L | ACMT100308R | M2.5 | T8 |
| | C20-20-200 | 1 | 3 | B | 20 | 20 | 35 | 100 | 200 | ADMT100308L | ACMT100308R | M2.5 | T8 |
| | C20-20-220 | 1 | 3 | B | 20 | 20 | 35 | 110 | 220 | ADMT100308L | ACMT100308R | M2.5 | T8 |
| | C25-25-150 | 1 | 3 | A | 25 | 25 | 40 | - | 150 | ADMT12T308L | APMT12T308R | M3 | T8 |
| | C25-25-200 | 1 | 3 | B | 25 | 25 | 40 | 100 | 200 | ADMT12T308L | APMT12T308R | M3 | T8 |
| | C25-25-250 | 1 | 3 | B | 25 | 25 | 40 | 115 | 250 | ADMT12T308L | APMT12T308R | M3 | T8 |
| | C25-25-300 | 1 | 3 | B | 25 | 25 | 40 | 165 | 300 | ADMT12T308L | APMT150408R | M3 | T8 |
| | C32-32-150 | 1 | 3 | A | 32 | 32 | 50 | - | 150 | APMT160408L | APMT150408R | M4 | T15 |
| | C32-32-200 | 1 | 3 | B | 32 | 32 | 50 | 100 | 200 | APMT160408L | APMT150408R | M4 | T15 |
| | C32-32-250 | 1 | 3 | B | 32 | 32 | 50 | 115 | 250 | APMT160408L | APMT150408R | M4 | T15 |
| | C32-32-300 | 1 | 3 | B | 32 | 32 | 50 | 165 | 300 | APMT160408L | APMT150408R | M4 | T15 |
| | C32-32-350 | 1 | 3 | B | 32 | 32 | 50 | 165 | 350 | APMT170408L | APMT150408R | M4 | T15 |
| | C32-35-150 | 1 | 3 | A | 35 | 32 | 50 | - | 150 | APMT170408L | APMT150408R | M4 | T15 |
| | C32-35-200 | 1 | 3 | A | 35 | 32 | 50 | - | 200 | APMT170408L | APMT150408R | M4 | T15 |
| | C32-35-250 | 1 | 3 | A | 35 | 32 | 50 | - | 250 | APMT170408L | APMT150408R | M4 | T15 |
| | C32-35-300 | 1 | 3 | A | 35 | 32 | 50 | - | 300 | APMT170408L | APMT150408R | M4 | T15 |
| | C40-40-150 | 1 | 4 | A | 40 | 40 | 55 | - | 150 | APMT190508L | APMT150408R | M4 | T15 |
| | C40-40-200 | 1 | 4 | B | 40 | 40 | 55 | 100 | 200 | APMT190508L | APMT150408R | M4 | T15 |
| | C40-40-300 | 1 | 4 | B | 40 | 40 | 55 | 165 | 300 | APMT190508L | APMT150408R | M4 | T15 |
| | C40-40-400 | 1 | 4 | B | 40 | 40 | 55 | 165 | 400 | APMT190508L | APMT150408R | M4 | T15 |

| 刀片规格 | 图示 | 基本尺寸(mm) | | | | | |
|------------|----|----------|-------|------|------|------|----------|
| | | L1 | L2=d | S | m | d1 | α |
| ADMT150308 | | 15 | 9.525 | 3.18 | 3.91 | 4.5 | 15° |
| APMT160408 | | 15.875 | 12.7 | 4.76 | 3.63 | 5.56 | 11° |

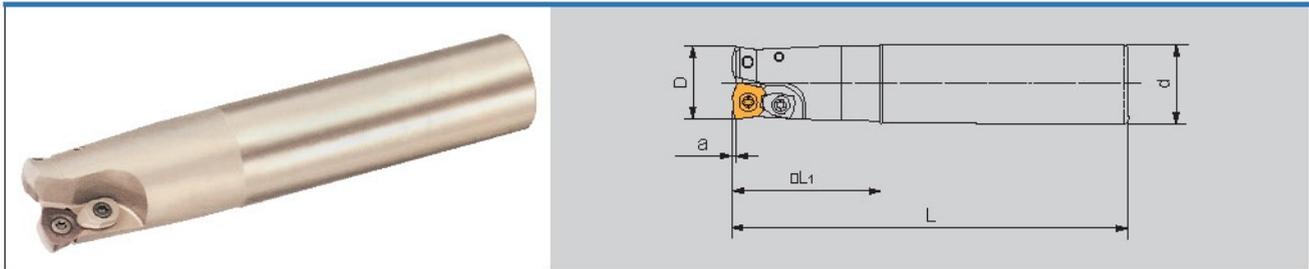
ASR大进给立铣刀



| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | | |
|------------|------------|----------|----|----|-----|------------------------------|--------|--------|----|
| | | D | d | L1 | L | | 螺丝 | 扳手 | |
| ASR | C16-16-120 | 2 | 16 | 16 | 40 | EPNW0603TN-8 EPMT0603TN-8 | M2.5x6 | T8 | |
| | C16-17-120 | 2 | 17 | 16 | 27 | | 120 | M2.5x6 | T8 |
| | C16-16-160 | 2 | 16 | 16 | 50 | | 160 | M2.5x6 | T8 |
| | C16-17-160 | 2 | 17 | 16 | 27 | | 160 | M2.5x6 | T8 |
| | C20-20-120 | 2 | 20 | 20 | 50 | | 120 | M2.5x6 | T8 |
| | C20-20-160 | 2 | 20 | 20 | 50 | | 160 | M2.5x6 | T8 |
| | C20-21-160 | 2 | 21 | 20 | 27 | | 160 | M2.5x6 | T8 |
| | C25-25-160 | 3 | 25 | 25 | 60 | | 160 | M2.5x6 | T8 |
| | C25-25-200 | 3 | 25 | 25 | 70 | | 200 | M2.5x6 | T8 |
| | C25-26-200 | 3 | 26 | 25 | 50 | | 200 | M2.5x6 | T8 |
| | C32-32-160 | 4 | 32 | 32 | 70 | | 160 | M2.5x6 | T8 |
| | C32-33-160 | 4 | 33 | 32 | 60 | | 160 | M2.5x6 | T8 |
| | C32-32-200 | 4 | 32 | 32 | 115 | | 200 | M2.5x6 | T8 |
| | C32-33-200 | 4 | 33 | 32 | 70 | | 200 | M2.5x6 | T8 |
| | C32-35-200 | 4 | 35 | 32 | 50 | | 200 | M2.5x6 | T8 |
| | C32-40-160 | 4 | 40 | 32 | 50 | | 160 | M2.5x6 | T8 |
| C32-40-200 | 4 | 40 | 32 | 50 | 200 | M2.5x6 | T8 | | |

适应日立刀片

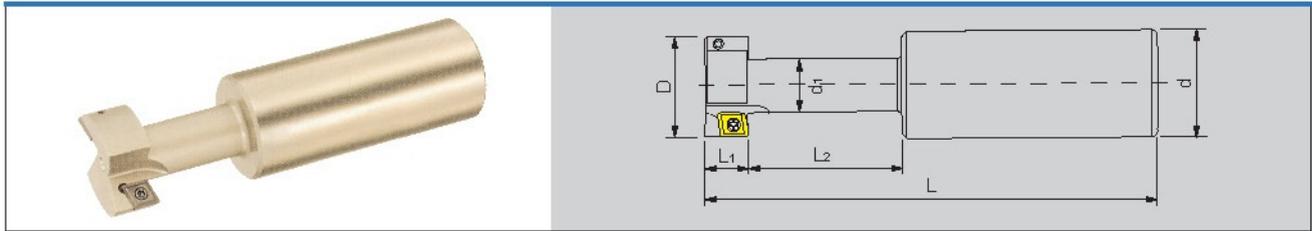
AJX大进给立铣刀



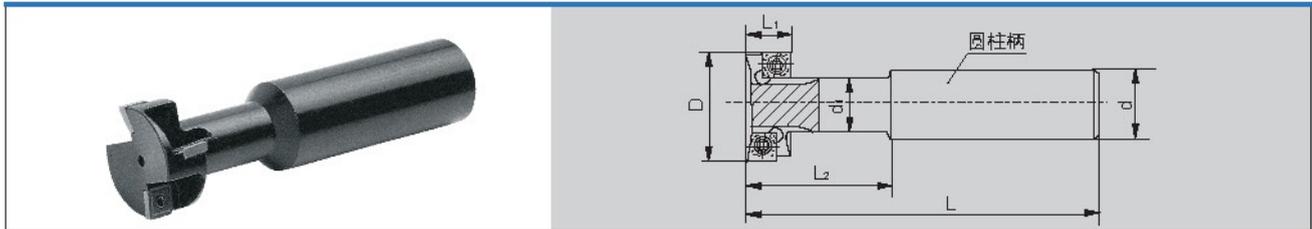
| 型号 | 刃数 | 基本尺寸(mm) | | | | | 刀片型号 | 配件 | | | |
|-----|------------|----------|----|----|-----|-----|------|----------------|--------|------|-----|
| | | D | d | a | L1 | L | | 螺丝 | 压板 | 扳手 | |
| AJX | C20-20-180 | 2 | 20 | 20 | 1.5 | 100 | 180 | JOMT080320ZZSR | M3x7 | Y-4R | T8 |
| | C20-22-180 | 2 | 22 | 20 | 1.5 | 30 | 180 | JOMT080320ZZSR | M3x7 | Y-4R | T8 |
| | C25-25-200 | 2 | 25 | 25 | 2 | 120 | 200 | JDMW09T320ZDSR | M3.5x9 | Y-4R | T15 |
| | C25-28-200 | 2 | 28 | 25 | 2 | 40 | 200 | JDMW09T320ZDSR | M3.5x9 | Y-4R | T15 |
| | C32-30-200 | 2 | 30 | 32 | 2 | 120 | 200 | JDMW120420ZDSR | M4x10 | Y-4R | T15 |
| | C32-32-200 | 2 | 32 | 32 | 2 | 120 | 200 | JDMW120420ZDSR | M4x10 | Y-4R | T15 |
| | C32-35-200 | 2 | 35 | 32 | 2 | 70 | 200 | JDMW120420ZDSR | M4x10 | Y-4R | T15 |
| | C42-40-250 | 3 | 40 | 42 | 2 | 130 | 250 | JDMW120420ZDSR | M4x10 | Y-4R | T15 |
| | C42-50-200 | 3 | 50 | 42 | 2 | 50 | 200 | JDMW140520ZDSR | M5x11 | Y-4R | T20 |
| | C42-63-200 | 4 | 63 | 42 | 2 | 50 | 200 | JDMW140520ZDSR | M5x11 | Y-4R | T20 |

适应三菱刀片

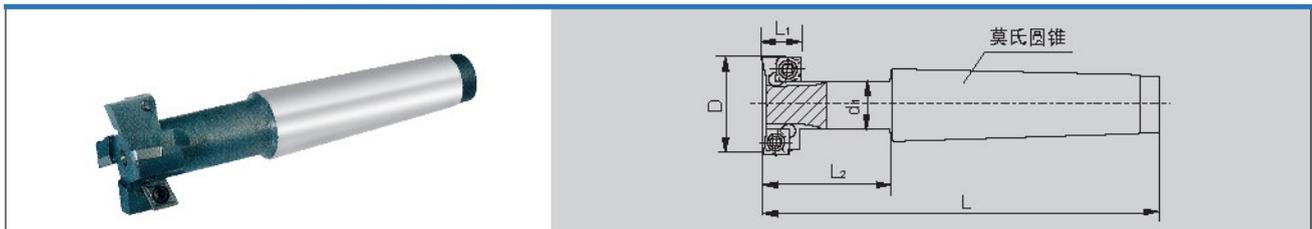
可转位T型槽铣刀



| 型号 | 齿数 | 基本尺寸(mm) | | | | | | | 刀片型号 | 配件 | |
|-----|---------------|----------|----|----|------|----|----|-----|------------|------|-----|
| | | D | d | d1 | L1 | L2 | L | 螺丝 | | 扳手 | |
| ATS | C25-25-11-110 | 2 | 25 | 25 | 12.5 | 11 | 21 | 110 | CCMT060204 | M2.5 | T8 |
| | C32-32-14-120 | 2 | 32 | 32 | 16 | 14 | 30 | 120 | CPMT080204 | M2.5 | T8 |
| | C32-40-18-130 | 4 | 40 | 32 | 20 | 18 | 32 | 130 | CCMT09T308 | M4 | T15 |
| | C32-50-22-140 | 4 | 50 | 32 | 26 | 22 | 39 | 140 | CCMT120408 | M5 | T20 |

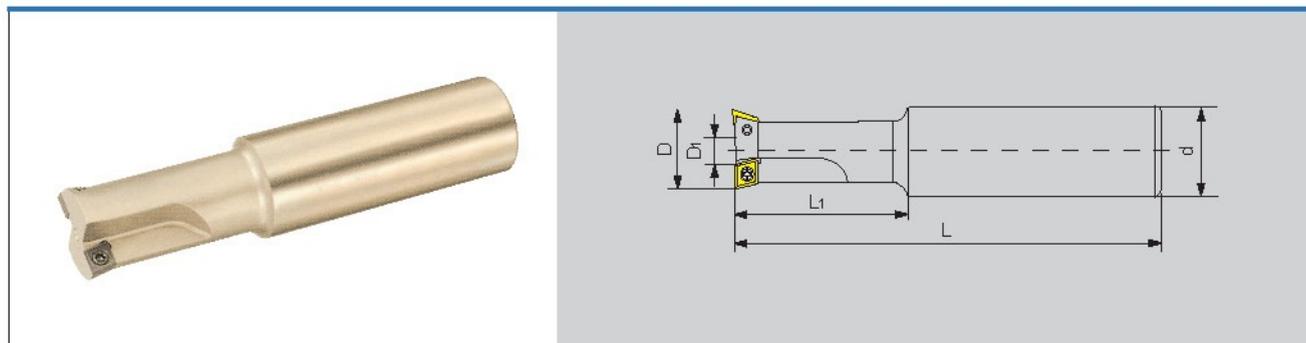


| 型号 | T型槽基本尺寸 | 齿数 | 基本尺寸(mm) | | | | | | | 刀片型号 | 配件 | |
|------|----------|----|----------|----|----|----|----|----|-----|------------|--------|-----|
| | | | D | d | d1 | L1 | L2 | L | 螺丝 | | 扳手 | |
| KTXZ | KTXZ1221 | 12 | 2 | 21 | 12 | 10 | 9 | 29 | 74 | CPGT050204 | M2.5x6 | T8 |
| | KTXZ1425 | 14 | 4 | 25 | 16 | 12 | 11 | 34 | 82 | CCMT060204 | M2.5x6 | T8 |
| | KTXZ1832 | 18 | 4 | 32 | 16 | 15 | 14 | 40 | 90 | CCMT090304 | M4x8 | T15 |
| | KTXZ2240 | 22 | 4 | 40 | 25 | 19 | 18 | 53 | 108 | CCMT09T304 | M4x8 | T15 |
| | KTXZ2850 | 28 | 4 | 50 | 32 | 25 | 22 | 64 | 124 | CCMT120404 | M5x10 | T20 |



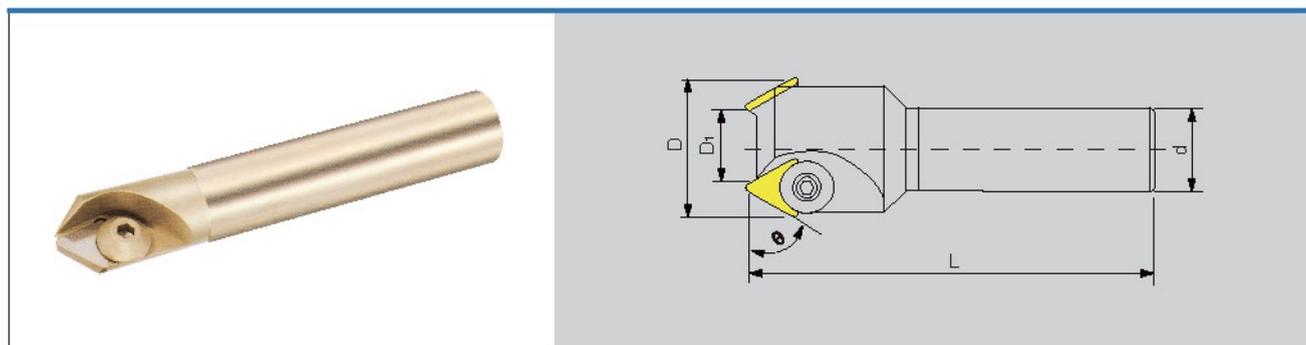
| 型号 | T型槽基本尺寸 | 齿数 | 基本尺寸(mm) | | | | | | 莫氏圆锥号 | 刀片型号 | 配件 | |
|------|----------|----|----------|----|----|----|----|-----|-------|------------|--------|-----|
| | | | D | d1 | L1 | L2 | L | 螺丝 | | | 扳手 | |
| KTXM | KTXM1221 | 12 | 2 | 21 | 10 | 9 | 31 | 100 | MW2 | CPGT050204 | M2.5x6 | T8 |
| | KTXM1425 | 14 | 4 | 25 | 12 | 11 | 36 | 105 | MW2 | CCMT060204 | M2.5x6 | T8 |
| | KTXM1832 | 18 | 4 | 32 | 15 | 14 | 41 | 110 | MW2 | CCMT090304 | M4x8 | T15 |
| | KTXM2240 | 22 | 4 | 40 | 19 | 18 | 54 | 140 | MW3 | CCMT09T304 | M4x8 | T15 |
| | KTXM2850 | 28 | 4 | 50 | 25 | 22 | 66 | 175 | MW4 | CCMT120404 | M5x10 | T20 |

CH螺丝沉头孔铣刀



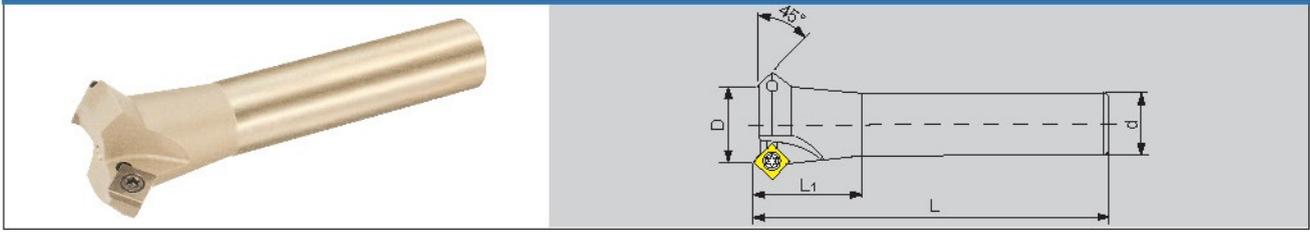
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|----|-------------|----|----------|------|----|------|-----|------------|------|-----|
| | | | D | D1 | a | L1 | L | | 螺丝 | 扳手 |
| CH | C8-14-25 | 1 | 14 | 2.9 | 25 | 21 | 108 | CCMT060204 | M2.5 | T8 |
| | C10-17.5-25 | 2 | 17.5 | 5.3 | 25 | 26 | 115 | CCMT060204 | M2.5 | T8 |
| | C12-20-25 | 2 | 20 | 7.8 | 25 | 30 | 120 | CCMT060204 | M2.5 | T8 |
| | C14-23-25 | 2 | 23 | 10.8 | 25 | 34.5 | 126 | CCMT060204 | M2.5 | T8 |
| | C16-26-32 | 2 | 26 | 8.5 | 32 | 39 | 132 | CPMT090308 | M3.5 | T15 |
| | C18-29-32 | 2 | 29 | 11.5 | 32 | 43.5 | 138 | CPMT090308 | M3.5 | T15 |
| | C20-32-32 | 2 | 32 | 14.5 | 32 | 59 | 144 | CPMT090308 | M3.5 | T15 |

TP30° , 45° , 60° 直柄型倒角刀



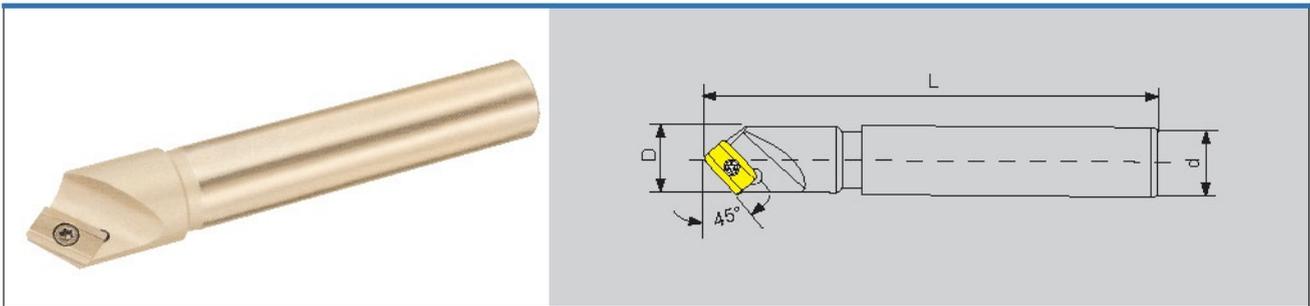
| 型号 | | 刃数 | 基本尺寸(mm) | | | | | 刀片型号 | 配件 | |
|------|------------|----|----------|----|----|-----|----|----------|----|----|
| | | | D | D1 | d | L | θ | | 螺丝 | 扳手 |
| TP30 | C25-40-120 | 2 | 40 | 24 | 25 | 120 | 30 | TPMN1603 | M6 | L4 |
| TP45 | C20-20-120 | 1 | 20 | 3 | 20 | 120 | 45 | TPMN1603 | M6 | L4 |
| | C20-32-120 | 2 | 32 | 12 | 20 | 120 | 45 | TPMN1603 | M6 | L4 |
| | C25-50-150 | 3 | 50 | 22 | 25 | 150 | 45 | TPMN2204 | M8 | L5 |
| TP60 | C25-40-120 | 2 | 40 | 24 | 25 | 120 | 60 | TPMN1603 | M6 | L4 |
| | C32-55-150 | 3 | 55 | 22 | 32 | 150 | 60 | TPMN2204 | M8 | L5 |

EM45° 内外倒角刀



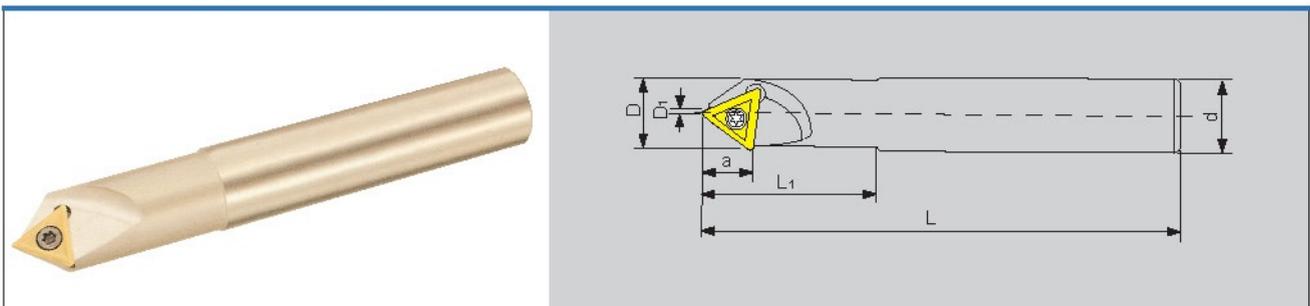
| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | | |
|------|------------|----------|----|-------|----|------|------------|----|-----|
| | | D | d | L1 | L | | 螺丝 | 扳手 | |
| EM45 | C20-25-110 | 2 | 25 | 19.05 | 45 | 110 | SPMW090304 | M4 | T15 |
| | C20-25-110 | 2 | 25 | 20 | 45 | 110 | SPMW090304 | M4 | T15 |
| | C25-25-150 | 2 | 25 | 20 | 45 | 150 | SPMW090304 | M4 | T15 |
| | C25-30-150 | 2 | 30 | 25 | 45 | 150 | SPMW090304 | M4 | T15 |

SSK45° 舍弃式倒角刀



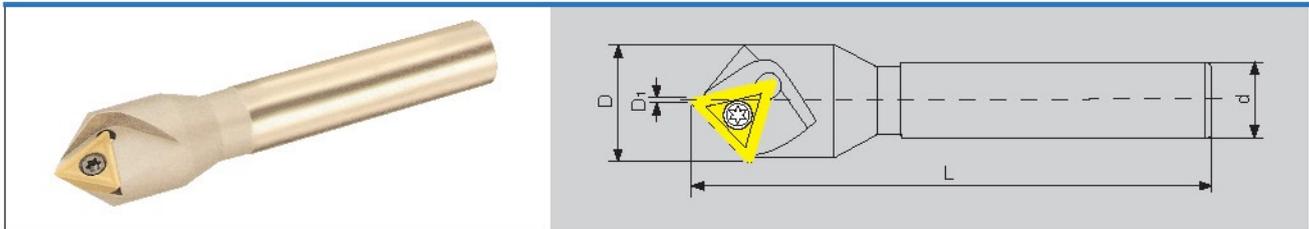
| 型号 | 刃数 | 基本尺寸(mm) | | | 倒角范围 | 刀片型号 | 配件 | | |
|-----|------------|----------|----|----|------|------|------------|----|-----|
| | | D | d | L | | | 螺丝 | 扳手 | |
| SSK | C20-20-130 | 1 | 20 | 20 | 130 | 0-20 | ADNT160308 | M4 | T15 |

SSP45° 定位倒角刀



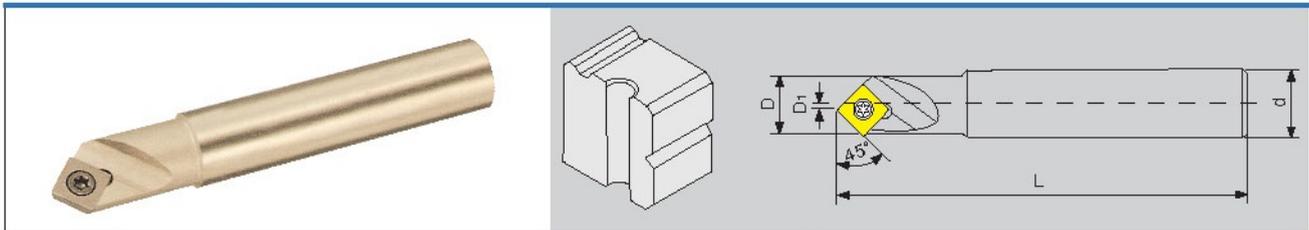
| 型号 | 刃数 | 基本尺寸(mm) | | | | | | 倒角范围 | 刀片型号 | 配件 | | |
|-----|------------|----------|----|---|----|------|----|------|------|----------------|----|-----|
| | | D | D1 | d | a | L1 | L | | | 螺丝 | 扳手 | |
| SSP | C20-20-130 | 1 | 20 | 0 | 20 | 11.3 | 20 | 130 | 0-20 | TCMX16T308E-ZR | M4 | T15 |

TCM45° 倒角刀



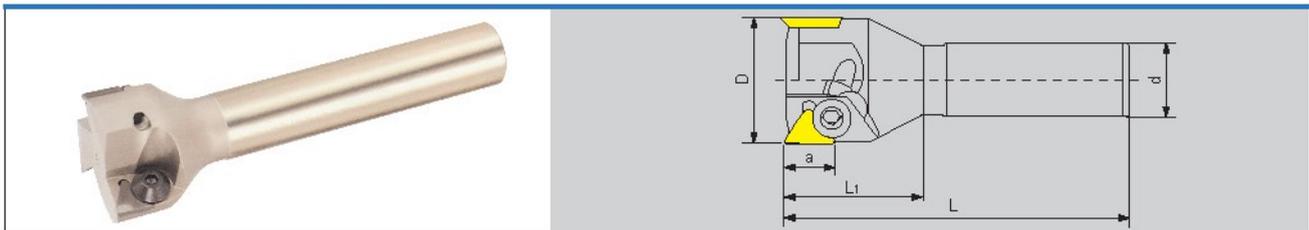
| 型号 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | |
|----------------|----------|----|----|-----|------------|----|-----|
| | D | D1 | d | L | | 螺丝 | 扳手 |
| TCM C16-20-110 | 20 | 3 | 16 | 110 | TCMT16T304 | M4 | T15 |

SB新型倒角刀

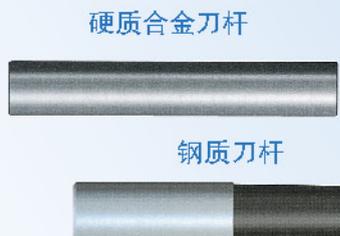


| 型号 | 基本尺寸(mm) | | | | 倒角范围 | 刀片型号 | 配件 | |
|---------------|----------|-----|----|-----|--------|------------|----|-----|
| | D | D1 | d | L | | | 螺丝 | 扳手 |
| SB C16-16-100 | 16 | 1.5 | 16 | 100 | 1.5-16 | SPMW090304 | M4 | T15 |

TP舍弃式直角铣刀



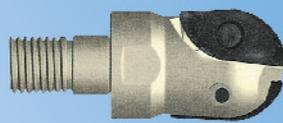
| 型号 | 刃数 | 基本尺寸(mm) | | | | | 刀片型号 | 配件 | |
|--------------|----|----------|----|----|----|-----|------------|------|----|
| | | D | d | a | L1 | L | | 伞形压板 | 扳手 |
| TP C20-20-90 | 2 | 20 | 20 | 9 | 30 | 90 | TPMN110304 | M5 | L3 |
| C20-25-100 | 2 | 25 | 20 | 9 | 30 | 100 | TPMN110304 | M5 | L3 |
| C20-32-130 | 2 | 32 | 20 | 9 | 30 | 130 | TPMN160308 | M6 | L4 |
| C20-40-150 | 3 | 40 | 20 | 14 | 40 | 150 | TPMN160308 | M6 | L4 |
| C25-40-130 | 3 | 40 | 25 | 14 | 40 | 130 | TPMN160308 | M6 | L4 |
| C25-40-150 | 3 | 40 | 25 | 14 | 40 | 150 | TPMN160308 | M6 | L4 |
| C25-40-200 | 3 | 40 | 25 | 14 | 40 | 200 | TPMN160308 | M6 | L4 |
| C32-40-150 | 3 | 40 | 32 | 14 | 40 | 150 | TPMN160308 | M6 | L4 |
| C32-40-200 | 3 | 40 | 32 | 14 | 40 | 200 | TPMN160308 | M6 | L4 |
| C20-50-150 | 3 | 50 | 20 | 14 | 40 | 150 | TPMN160308 | M6 | L4 |
| C25-50-150 | 3 | 50 | 25 | 14 | 40 | 150 | TPMN160308 | M6 | L4 |
| C25-50-200 | 3 | 50 | 25 | 14 | 40 | 200 | TPMN160308 | M6 | L4 |
| C32-50-150 | 3 | 50 | 32 | 14 | 40 | 150 | TPMN160308 | M6 | L4 |
| C32-50-200 | 3 | 50 | 32 | 14 | 40 | 200 | TPMN160308 | M6 | L4 |
| C20-63-150 | 4 | 63 | 20 | 20 | 40 | 150 | TPMN220412 | M8 | L5 |
| C25-63-150 | 4 | 63 | 25 | 20 | 40 | 150 | TPMN220412 | M8 | L5 |
| C32-63-150 | 4 | 63 | 32 | 20 | 40 | 150 | TPMN220412 | M8 | L5 |
| C32-63-200 | 4 | 63 | 32 | 20 | 45 | 200 | TPMN220412 | M8 | L5 |



硬质合金刀杆

钢质刀杆

- 有硬质合金抗震刀杆和钢质刀杆两种可供选择。
- 刀杆及可换式刀头全部带有内冷孔。(FMR系列和单片精铣球头刀除外)。
- 螺纹连接有M8、M10、M12、M16四种规格。
- 硬质合金抗震刀杆通用性更好，推荐在大悬伸、大进给情况下使用。



粗铣球头刀可换式刀头



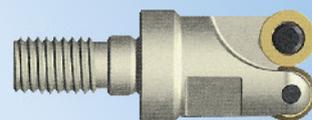
大进给铣刀可换式刀头(S形刀片)



大进给铣刀可换式刀头(W形刀片)

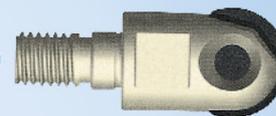


多功能铣削刀具可换式刀头



FMR系列可换式刀头

Φ16-Φ32



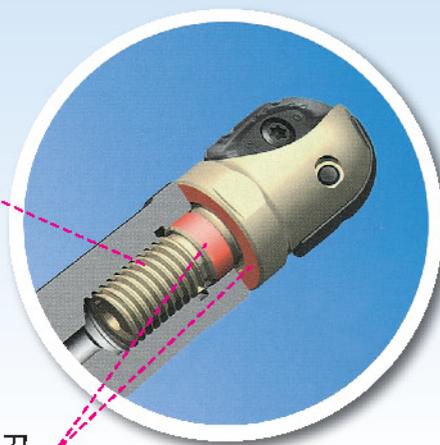
单片精铣球头刀可换式刀头

Φ16-Φ32

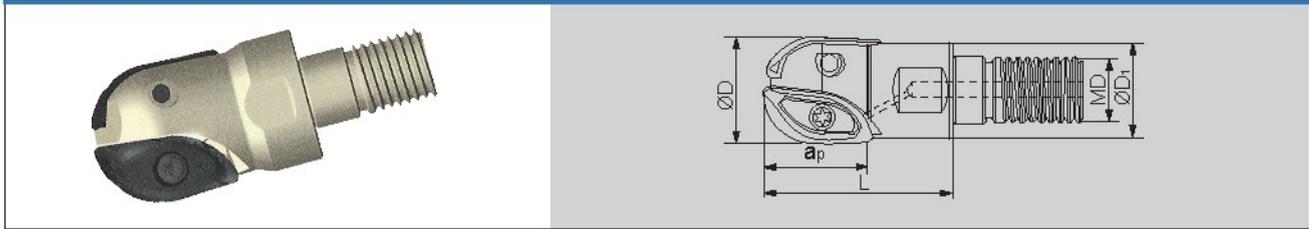
高精度、全螺纹
曲线面接触。

独特的螺纹接口设计，
为刀体系统提供了良好
的精度及稳定性。

高精度定位面，保证了刀
杆与刀头的完美结合。



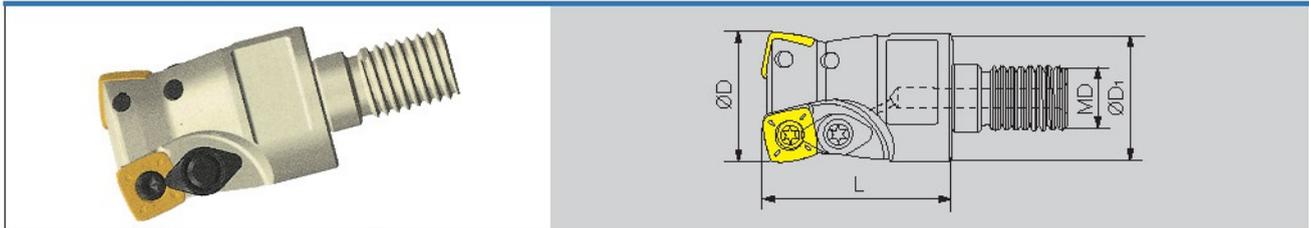
粗铣球头刀可换式刀头



| 型号 | 基本尺寸(mm) | | | | | 刀片型号 | 齿数 | 重量 | |
|-----|----------------|-----|----|----|----|------|----------------|----|-------|
| | ØD | ØD1 | L | ap | MD | | | | |
| QCH | -16-XPHT16-M10 | 16 | 17 | 28 | 16 | 10 | XPHT16R0803-GM | 2 | 0.036 |
| | -20-XPHT20-M12 | 20 | 19 | 30 | 20 | 12 | XPHT20R10T3-GM | 2 | 0.051 |
| | -25-XPHT25-M12 | 25 | 24 | 35 | 25 | 12 | XPHT25R1204-GM | 2 | 0.071 |
| | -30-XPHT30-M16 | 30 | 29 | 45 | 30 | 16 | XPHT30R1506-GM | 2 | 0.140 |
| | -32-XPHT32-M16 | 32 | 30 | 45 | 32 | 16 | XPHT32R1606-GM | 2 | 0.162 |

| 配件 刀具直径 ØD | 螺钉 | 扳手 | | | 刀片外形 | 型号 | 基本尺寸(mm) | | | | |
|------------------|--------------|--------|-------|--------|------|----------------|----------|-----|------|------|-----|
| | | | | | | | L | Ød | R | S | α |
| Ø16 | I60M2.5x6.5 | WT07P | - | - | | XPHT16R0803-GM | 16 | 3.1 | 8 | 3.18 | 9° |
| Ø20 | I60M3.5x08TT | WT10IP | - | - | | XPHT20R10T3-GM | 20 | 4.0 | 10 | 3.97 | 9° |
| Ø25 | I60M4x10 | - | WT15S | - | | XPHT25R1204-GM | 25 | 4.7 | 12.5 | 4.76 | 9° |
| Ø30 | I60M5x13.2 | - | - | WT20IT | | XPHT30R1506-GM | 30 | 5.8 | 15 | 6.35 | 11° |
| Ø32 | I60M5x13.2 | - | - | WT20IT | | XPHT32R1606-GM | 32 | 5.8 | 16 | 6.35 | 9° |

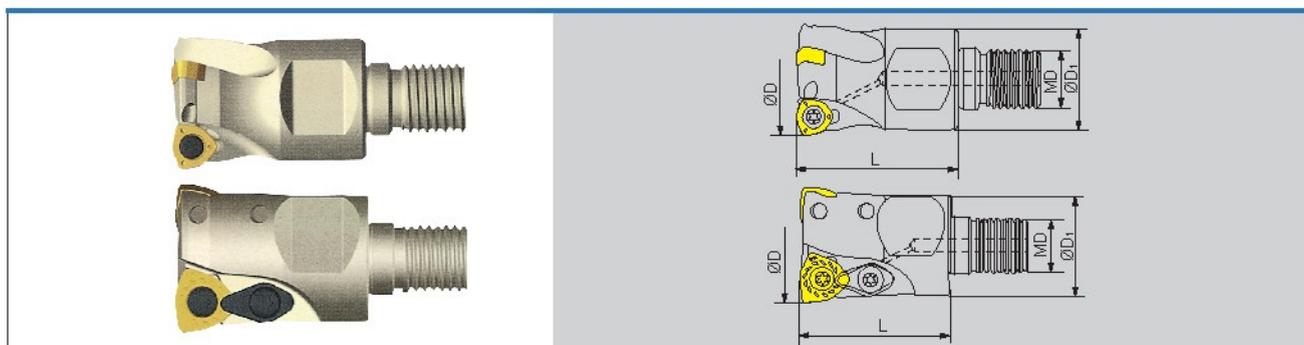
大进给铣刀可换式刀头 (S形刀片)



| 型号 | 基本尺寸(mm) | | | | 刀片型号 | 齿数 | 重量 | |
|-----|-------------------|-----|----|----|------|---------------|----|-------|
| | ØD | ØD1 | L | MD | | | | |
| QCH | -25-SDMT09-M12-02 | 25 | 24 | 35 | 12 | SDMT09T312-DM | 2 | 0.088 |
| | -30-SDMT09-M16-03 | 30 | 29 | 45 | 16 | SDMT09T312-DM | 2 | 0.176 |
| | -32-SDMT12-M16-02 | 32 | 30 | 45 | 16 | SDMT120412-DM | 2 | 0.175 |
| | -35-SDMT12-M16-02 | 35 | 30 | 45 | 16 | SDMT120412-DM | 2 | 0.200 |
| | -35-SDMT09-M16-03 | 35 | 30 | 45 | 16 | SDMT09T312-DM | 3 | 0.216 |

| QCH-S型 D | 齿数 | 螺钉 | 压板 | 压板螺钉 | 扳手 | 刀片外形 | 型号 | 基本尺寸(mm) | | | | | |
|-------------|----|--------------|--------|-----------|--------|------|----------------|----------|-------|-----|------|-----|-----|
| | | | | | | | | Øl.c | L | Ød | S | r | α |
| Ø25 | 2 | I60M3.5x08TT | WD-204 | I60M4x8.4 | WT10IP | | SDMT09 T312-DM | 9.525 | 9.525 | 4.0 | 3.97 | 1.2 | 15° |
| Ø30 | 3 | I60M3.5x08TT | WD-204 | I60M4x8.4 | WT10IP | | SDMT120412-DM | 12.7 | 12.7 | 4.4 | 4.76 | 2.0 | 15° |
| Ø32 | 2 | I60M4x8.4 | WD-204 | I60M4x8.4 | WT15IP | | | | | | | | |
| Ø35 | 2 | I60M4x8.4 | WD-204 | I60M4x8.4 | WT15IP | | | | | | | | |
| Ø35 | 3 | I60M5x08TT | WD-204 | I60M4x8.4 | WT10IP | | | | | | | | |

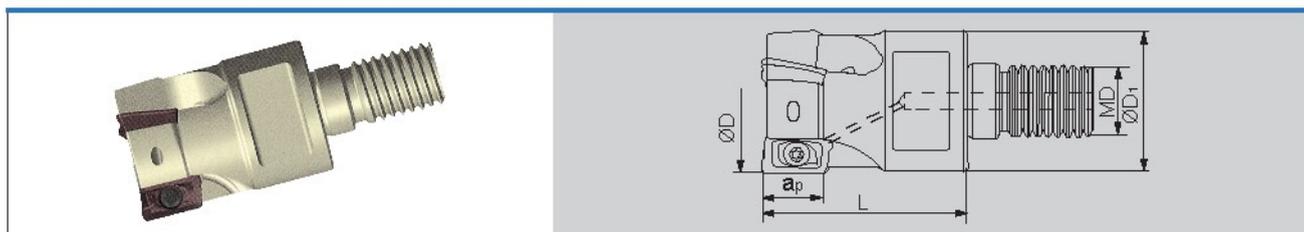
大进给铣刀可换式刀头 (W形刀片)



| 型号 | | 基本尺寸(mm) | | | | 刀片型号 | 齿数 | 重量 |
|-----|-------------------|----------|-----|----|----|---------------|----|-------|
| | | ΦD | ΦD1 | L | MD | | | |
| QCH | -20-WPGT05-M10-02 | 20 | 19 | 30 | 10 | WPGT050315ZSR | 2 | 0.056 |
| | -25-WPGT06-M12-02 | 25 | 24 | 35 | 12 | WPGT060415ZSR | 2 | 0.097 |
| | -32-WPGT06-M16-03 | 32 | 30 | 45 | 16 | WPGT060415ZSR | 2 | 0.185 |
| | -35-WPGT08-M16-02 | 35 | 30 | 45 | 16 | WPGT080615ZSR | 2 | 0.196 |
| | -35-WPGT06-M16-03 | 35 | 30 | 45 | 16 | WPGT060415ZSR | 2 | 0.201 |

| QCH-W型 D | 齿数 | 螺钉 | 压板 | 扳手 | 刀片外形 | 型号 | 基本尺寸(mm) | | | | |
|-------------|----|--------------|--------|--------|------|---------------|----------|-----|------|-----|-----|
| | | | | | | | Φl.c | r | S | Φd | α |
| Φ20 | 2 | I60M3.5x08TT | - | WT10P | | WPGT050315ZSR | 7.94 | 1.5 | 3.5 | 4.0 | 11° |
| Φ25 | 2 | I60M4x8.4 | - | WT10P | | WPGT060415ZSR | 9.525 | 1.5 | 4.2 | 4.4 | 11° |
| Φ32 | 3 | I60M4x8.4 | - | WT15P | | WPGT080615ZSR | 12.85 | 1.5 | 6.35 | 5.5 | 11° |
| Φ35 | 2 | I60M5x13 | WD-208 | WT20IP | | | | | | | |
| Φ35 | 3 | I60M4x8.4 | - | WT15P | | | | | | | |

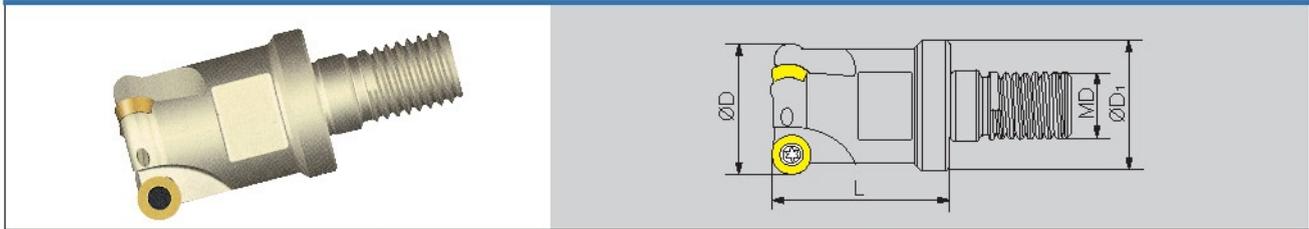
多功能铣削刀具可换式刀头



| 型号 | | 基本尺寸(mm) | | | | | 刀片型号 | 齿数 | 重量 |
|-----|-------------------|----------|-----|----|----------------|----|-------------------|----|-------|
| | | ΦD | ΦD1 | L | a _p | MD | | | |
| QCH | -16-AZGT11-M8-02 | 16 | 15 | 28 | 10 | 8 | AZGT1135□□PDER-□□ | 2 | 0.028 |
| | -20-AZGT11-M10-02 | 20 | 19 | 30 | 10 | 10 | AZGT1135□□PDER-□□ | 2 | 0.059 |
| | -25-AZGT11-M12-03 | 25 | 24 | 35 | 10 | 12 | AZGT1135□□PDER-□□ | 3 | 0.104 |
| | -25-AZGT16-M12-02 | 25 | 24 | 35 | 14 | 12 | AZGT1135□□PDER-□□ | 2 | 0.090 |
| | -30-AZGT16-M16-03 | 30 | 29 | 43 | 14 | 16 | AZGT1604□□PDER-□□ | 3 | 0.173 |

| QCH-W型 D | 齿数 | 螺钉 | 扳手 | 刀片外形 | 型号 | 基本尺寸(mm) | | | | |
|-------------|----|-------------|--------|------|----------------|----------|------|------|-----|-----|
| | | | | | | L | I.W | S | Φd | r |
| Φ16 | 2 | I60M2.5x5.5 | WT07IP | | AZGT113516PDER | 11.8 | 6.5 | 3.5 | 2.8 | 1.6 |
| Φ20 | 3 | I60M2.5x5.5 | WT07IP | | AZGT113524PDER | 11.8 | 6.5 | 3.5 | 2.8 | 2.4 |
| Φ25 | 3 | I60M2.5x5.5 | WT07IP | | AZGT160424PDER | 17.25 | 9.45 | 4.76 | 4.4 | 2.4 |
| Φ25 | 2 | I60M4x8.4 | WT15IP | | AZGT160432PDER | 17.25 | 9.45 | 4.76 | 4.4 | 3.2 |
| Φ30 | 3 | I60M4x8.4 | WT15IP | | | | | | | |

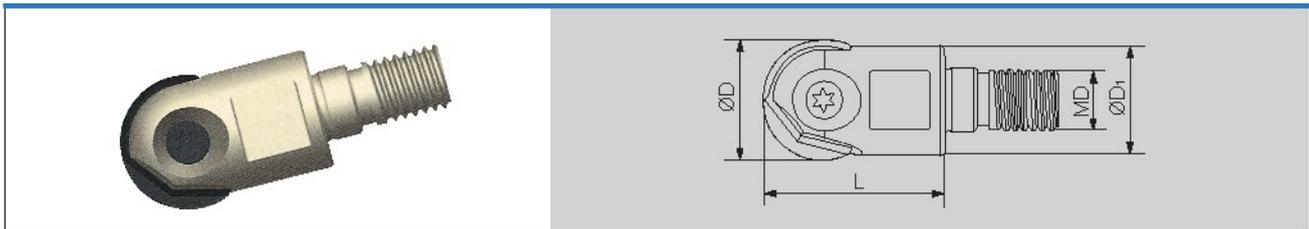
FMR系列可换式刀头



| 型号 | 基本尺寸(mm) | | | | 刀片型号 | 齿数 | 重量 | |
|-----|------------------|-----|----|----|------|------------|----|-------|
| | ΦD | ΦD1 | L | MD | | | | |
| QCH | -16RD07-M8-02 | 16 | 15 | 25 | 8 | RDKW0702MO | 2 | 0.027 |
| | -16-RD07-M8-03 | 16 | 15 | 25 | 8 | RDKW0702MO | 3 | 0.030 |
| | -20-RD10-M10-02 | 20 | 19 | 30 | 10 | RDKW10T3MO | 2 | 0.054 |
| | -20-RD07-M10-03 | 20 | 19 | 30 | 10 | RDKW0702MO | 3 | 0.058 |
| | -25-RD07-M12-03 | 25 | 24 | 35 | 12 | RDKW0702MO | 3 | 0.093 |
| | -25-RD-10-M12-02 | 25 | 24 | 35 | 12 | RDKW10T3MO | 2 | 0.097 |
| | -32-RD10-M16-03 | 32 | 30 | 45 | 16 | RDKW10T3MO | 3 | 0.183 |
| | -32-RD16-M16-02 | 32 | 30 | 45 | 16 | RDKW1605MO | 2 | 0.156 |

| 刀具直径 ΦD | 齿数 | 紧固件 | | | 刀片外形 | 型号 | 基本尺寸(mm) | | |
|------------|----|--------------|--------|--------|------|------------|----------|------|-----|
| | | 螺钉 | 扳手 | | | | Φl.c | S | Φd |
| Φ16 | 2 | I60M2.5x6.5T | WT08IP | - | | RDKW0702MO | 7 | 2.38 | 2.8 |
| Φ16 | 3 | I60M2.5x6.5T | WT08IP | - | | RDKW10T3MO | 10 | 3.97 | 4.4 |
| Φ20 | 2 | I60M4x8 | WT15IP | - | | RDKW1204MO | 12 | 4.76 | 4.4 |
| Φ20 | 3 | I60M2.5x6.5T | WT08IP | - | | RDKW1605MO | 16 | 5.56 | 5.5 |
| Φ25 | 3 | I60M4x8 | WT15IP | - | | | | | |
| Φ25 | 2 | I60M4x8 | WT15IP | - | | | | | |
| Φ32 | 3 | I60M4x8 | WT15IP | - | | | | | |
| Φ32 | 2 | I60M5x13 | - | WT20IT | | | | | |

单片精铣球头刀可换式刀头



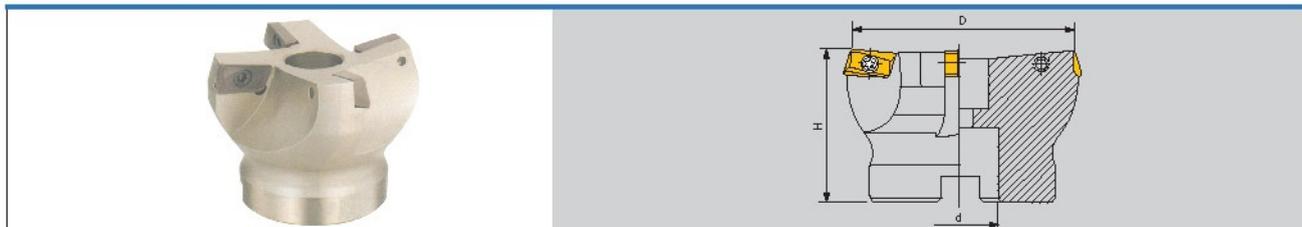
| 型号 | 基本尺寸(mm) | | | | 刀片型号 | 重量 | |
|-----|----------------|-----|----|----|------|-------------|-------|
| | ΦD | ΦD1 | L | MD | | | |
| QCH | -16-ZOHX16-M8 | 16 | 15 | 28 | 8 | ZOHX1604-□□ | 0.029 |
| | -20-ZOHX20-M10 | 20 | 19 | 30 | 10 | ZOHX2005-□□ | 0.048 |
| | -25-ZOHX25-M12 | 25 | 24 | 35 | 12 | ZOHX2506-□□ | 0.087 |
| | -30-ZOHX30-M16 | 30 | 29 | 45 | 16 | ZOHX3007-□□ | 0.170 |
| | -32-ZOHX32-M16 | 32 | 30 | 45 | 16 | ZOHX3207-□□ | 0.180 |

| 刀具直径 ΦD | 紧固件 | | | 刀片外形 | 型号 | 基本尺寸(mm) | | | |
|------------|------------|--------|--------|------|----------|----------|----|---|------|
| | 螺钉 | 压板 | 扳手 | | | Φl.C | Φd | S | R |
| Φ16 | I70M5x12TT | WT20IP | - | | ZOHX1604 | 16 | 5 | 4 | 8 |
| Φ20 | I70M5x16TT | WT20IP | - | | ZOHX2005 | 20 | 5 | 5 | 10 |
| Φ25 | I70M6x20TT | WT20IP | - | | ZOHX2506 | 25 | 6 | 6 | 12.5 |
| Φ25 | I70M8x25TT | - | WT30IP | | ZOHX3007 | 30 | 8 | 7 | 15 |
| Φ30 | I70M8x25TT | - | WT30IP | | ZOHX3207 | 32 | 8 | 7 | 16 |

面铣刀系列



PE75° 平面铣刀头



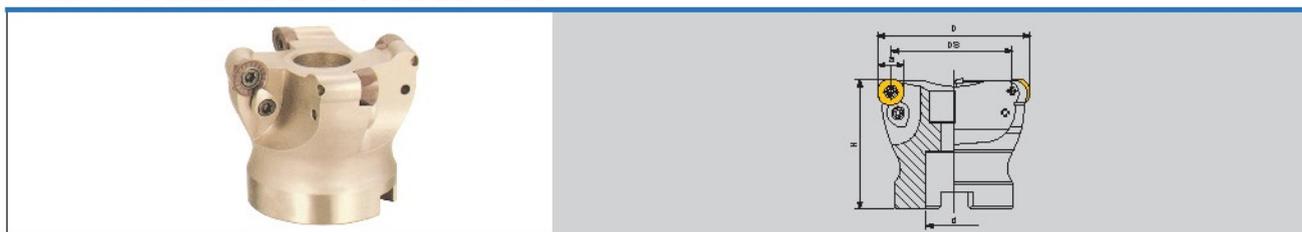
| 型号 | 刃数 | 基本尺寸(mm) | | | 刀片型号 | 配件 | | |
|----|--------|----------|-----|----|------|--------------|----|-----|
| | | D | d | H | | 螺丝 | 扳手 | |
| PE | 63-22 | 4 | 63 | 22 | 50 | APMT1604PDER | M4 | T15 |
| | 80-27 | 5 | 80 | 27 | 50 | APMT1604PDER | M4 | T15 |
| | 100-32 | 4 | 100 | 32 | 50 | APMT1604PDER | M4 | T15 |

400R直角平面铣刀头



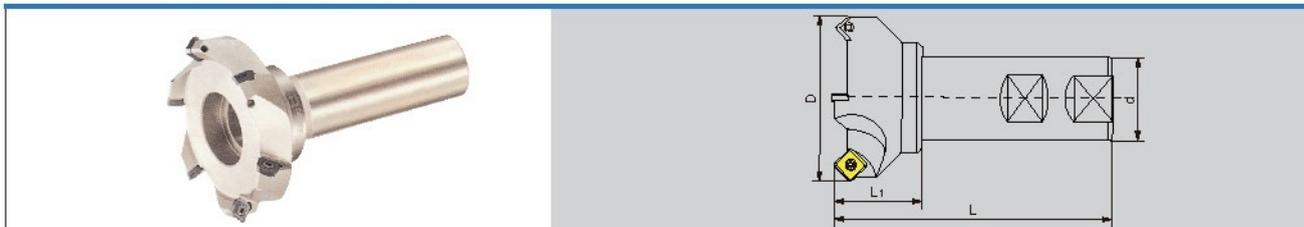
| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | | |
|------|--------|----------|-----|----|----|------|--------------|----|-----|
| | | D | d | a | H | | 螺丝 | 扳手 | |
| 400R | 50-22 | 3 | 50 | 22 | 14 | 50 | APMT1604PDER | M4 | T15 |
| | 50-22 | 4 | 50 | 22 | 14 | 50 | APMT1604PDER | M4 | T15 |
| | 63-22 | 4 | 63 | 22 | 14 | 50 | APMT1604PDER | M4 | T15 |
| | 63-22 | 5 | 63 | 22 | 14 | 50 | APMT1604PDER | M4 | T15 |
| | 80-27 | 5 | 80 | 27 | 14 | 50 | APMT1604PDER | M4 | T15 |
| | 100-32 | 6 | 100 | 32 | 14 | 50 | APMT1604PDER | M4 | T15 |
| | 125-40 | 8 | 125 | 40 | 14 | 63 | APMT1604PDER | M4 | T15 |
| | 160-40 | 8 | 160 | 40 | 14 | 63 | APMT1604PDER | M4 | T15 |

EMRW圆刀刃平面铣刀头



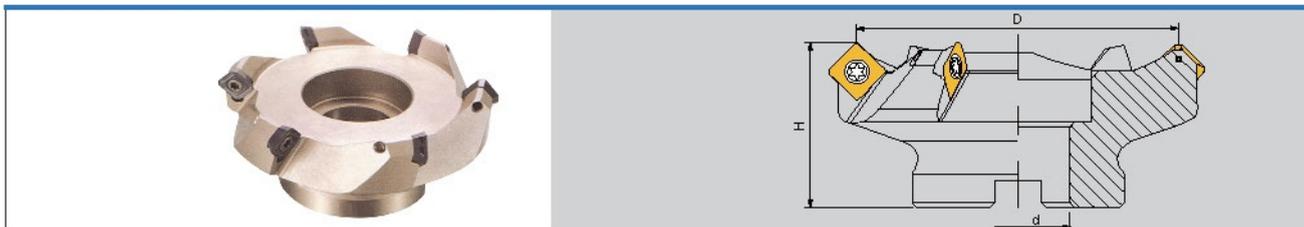
| 型号 | 刃数 | 基本尺寸(mm) | | | | | 刀片型号 | 配件 | | | |
|------|-------------|----------|-----|----|-------|----|------|----------|----|----|-----|
| | | D | DS | d | H | a | | 压板 | 螺丝 | 扳手 | |
| EMRW | 5R50-22 | 3 | 50 | 38 | 22 | 50 | 10 | RPMW1003 | 5R | M4 | T15 |
| | 5R50-22 | 4 | 50 | 38 | 22 | 50 | 10 | RPMW1003 | 5R | M4 | T15 |
| | 5R63-22 | 4 | 63 | 41 | 22 | 50 | 10 | RPMW1003 | 5R | M4 | T15 |
| | 6R50-22 | 3 | 50 | 38 | 22 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R50-22 | 4 | 50 | 38 | 22 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R63-22 | 4 | 63 | 41 | 22 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R63-22 | 5 | 63 | 41 | 22 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R63-25.4 | 4 | 63 | 41 | 25.4 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R63-25.4 | 5 | 63 | 41 | 25.4 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R80-27 | 5 | 80 | 68 | 27 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R80-27 | 6 | 80 | 68 | 27 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R80-31.75 | 5 | 80 | 68 | 31.75 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R100-31.75 | 6 | 100 | 88 | 31.75 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R100-32 | 5 | 100 | 88 | 32 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |
| | 6R100-32 | 6 | 100 | 88 | 32 | 50 | 12 | RPMT1204 | 6R | M4 | T15 |

KE45° 高速面铣刀



| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | | |
|------|------------|----------|----|----|----|------|----------|----|-----|
| | | D | d | L1 | L | | 螺丝 | 扳手 | |
| KE45 | C20-50-120 | 4 | 50 | 20 | 50 | 120 | SEKT1204 | M5 | T20 |
| | C25-50-120 | 4 | 50 | 25 | 50 | 120 | SEKT1204 | M5 | T20 |
| | C32-50-120 | 4 | 50 | 32 | 50 | 120 | SEKT1204 | M5 | T20 |
| | C25-63-120 | 5 | 63 | 25 | 50 | 120 | SEKT1204 | M5 | T20 |
| | C32-63-120 | 5 | 63 | 32 | 50 | 120 | SEKT1204 | M5 | T20 |

SE45° 高速平面铣刀头



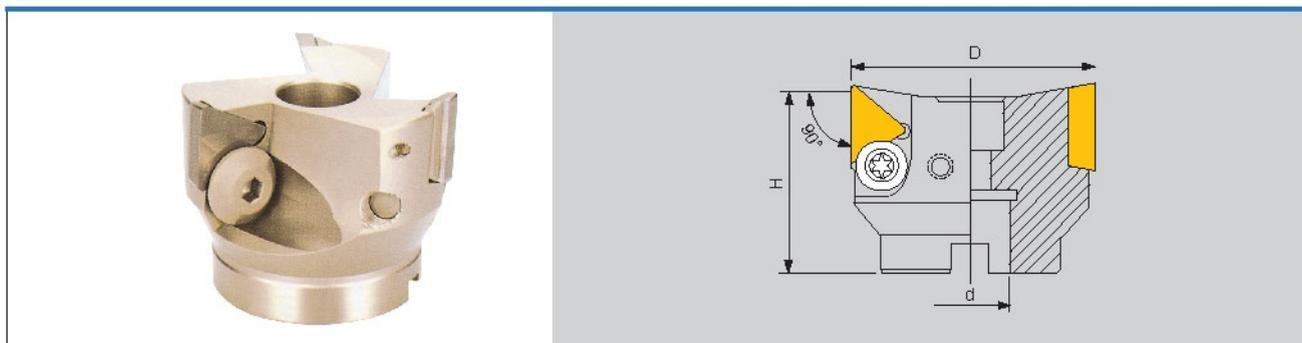
| 型号 | 刃数 | 基本尺寸(mm) | | | 刀片型号 | 配件 | | |
|------|-----------|----------|-----|-------|------|----------|----|-----|
| | | D | d | H | | 螺丝 | 扳手 | |
| SE45 | 50-22 | 4 | 50 | 22 | 50 | SEKT1204 | M5 | T20 |
| | 63-22 | 5 | 63 | 22 | 50 | SEKT1204 | M5 | T20 |
| | 63-25.4 | 5 | 63 | 25.4 | 50 | SEKT1204 | M5 | T20 |
| | 80-27 | 5 | 80 | 27 | 50 | SEKT1204 | M5 | T20 |
| | 80-31.75 | 5 | 80 | 31.75 | 50 | SEKT1204 | M5 | T20 |
| | 100-31.75 | 6 | 100 | 31.75 | 50 | SEKT1204 | M5 | T20 |
| | 100-32 | 6 | 100 | 32 | 50 | SEKT1204 | M5 | T20 |
| | 125-38.1 | 6 | 125 | 38.1 | 63 | SEKT1204 | M5 | T20 |
| | 125-40 | 6 | 125 | 40 | 63 | SEKT1204 | M5 | T20 |

AJX大进给面铣刀头



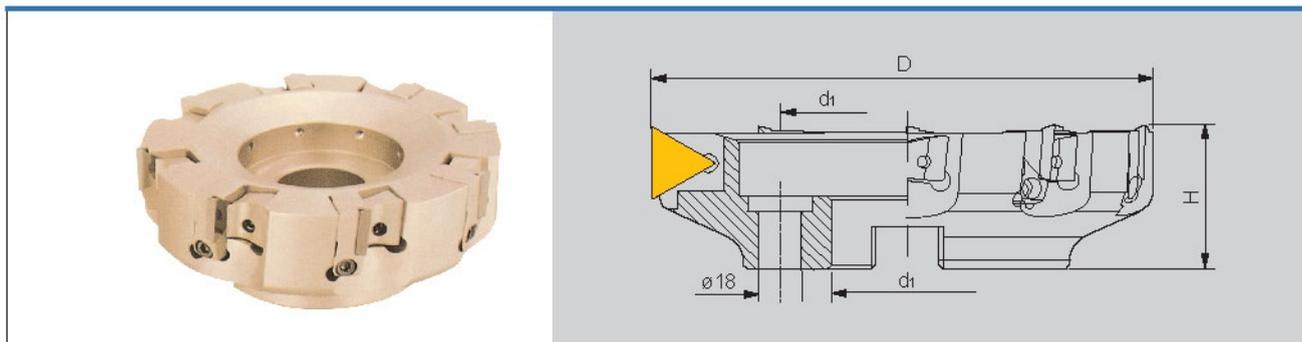
| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | | |
|-----|-----------|----------|-----|-------|---|------|-------------------|----|-----|
| | | D | d | a | H | | 螺丝 | 扳手 | |
| AJX | 50-22 | 3 | 50 | 22 | 2 | 50 | JDMW120420ZDSR-FT | M4 | T15 |
| | 50-22 | 4 | 50 | 22 | 2 | 50 | JDMW120420ZDSR-FT | M4 | T15 |
| | 63-22 | 4 | 63 | 22 | 2 | 50 | JDMW120420ZDSR-FT | M4 | T15 |
| | 63-22 | 3 | 63 | 22 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |
| | 63-22 | 4 | 63 | 22 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |
| | 80-27 | 4 | 80 | 27 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |
| | 80-27 | 5 | 80 | 27 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |
| | 100-32 | 5 | 100 | 32 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |
| | 50-25.4 | 3 | 50 | 25.4 | 2 | 50 | JDMW120420ZDSR-FT | M4 | T15 |
| | 50-25.4 | 4 | 50 | 25.4 | 2 | 50 | JDMW120420ZDSR-FT | M4 | T15 |
| | 63-25.4 | 4 | 63 | 25.4 | 2 | 50 | JDMW120420ZDSR-FT | M4 | T15 |
| | 63-25.4 | 3 | 63 | 25.4 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |
| | 63-25.4 | 4 | 63 | 25.4 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |
| | 80-25.4 | 4 | 80 | 25.4 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |
| | 80-25.4 | 5 | 80 | 25.4 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |
| | 100-31.75 | 5 | 100 | 31.75 | 2 | 50 | JDMW140520ZDSR-FT | M5 | T20 |

TP90° 直角面铣刀头



| 型号 | 刃数 | 基本尺寸(mm) | | | 刀片型号 | 配件 | | |
|------|--------|----------|-----|----|------|----------|----|---------|
| | | D | d | H | | 伞形压板 | 扳手 | |
| TP90 | 50-22 | 3 | 50 | 22 | 50 | TPMN1603 | M6 | WRN-M3T |
| | 63-22 | 3 | 63 | 22 | 50 | TPMN2204 | M8 | WRN-M4T |
| | 80-27 | 4 | 80 | 27 | 50 | TPMN2204 | M8 | WRN-M4T |
| | 100-32 | 4 | 100 | 32 | 50 | TPMN2204 | M8 | WRN-M4T |
| | 125-40 | 6 | 125 | 40 | 63 | TPMN2204 | M8 | WRN-M4T |

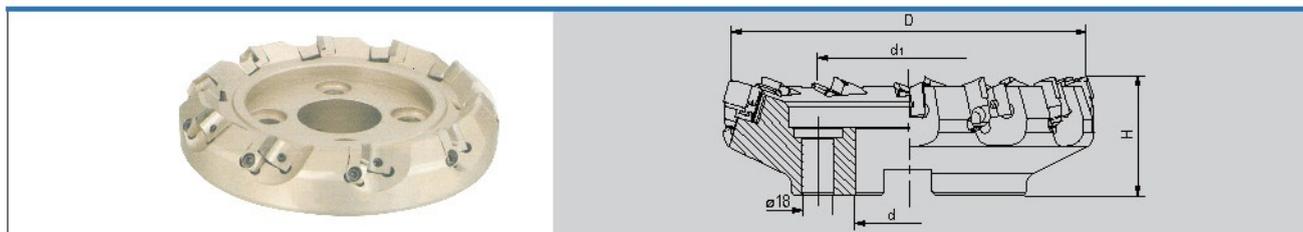
TP90° 直角面铣刀头



| 型号 | 刃数 | 基本尺寸(mm) | | | | 型号 | 刃数 | 基本尺寸(mm) | | | | | |
|------|------------|----------|-----|--------|-------|----|------|----------|----|-----|----|-------|----|
| | | D | d | d1 | H | | | D | d | d1 | H | | |
| TP90 | 160-50.8 | 8 | 160 | 50.8 | - | 63 | TP90 | 160-40 | 8 | 160 | 40 | - | 63 |
| | 200-47.625 | 10 | 200 | 47.625 | 101.6 | 63 | | 200-60 | 10 | 200 | 60 | 101.6 | 63 |
| | 250-47.625 | 12 | 250 | 47.625 | 101.6 | 63 | | 250-60 | 12 | 250 | 60 | 101.6 | 63 |
| | 300-47.625 | 14 | 300 | 47.625 | 101.6 | 63 | | 300-60 | 14 | 300 | 60 | 101.6 | 63 |

| 替换零件 | | | | | 使用刀片规格 | |
|-------|------|------------------|--------------|-------|----------|--|
| | | | | | | |
| M5x16 | CL-S | FC3050-TP2204-75 | SV-128170-15 | TH-40 | TPKN2204 | |

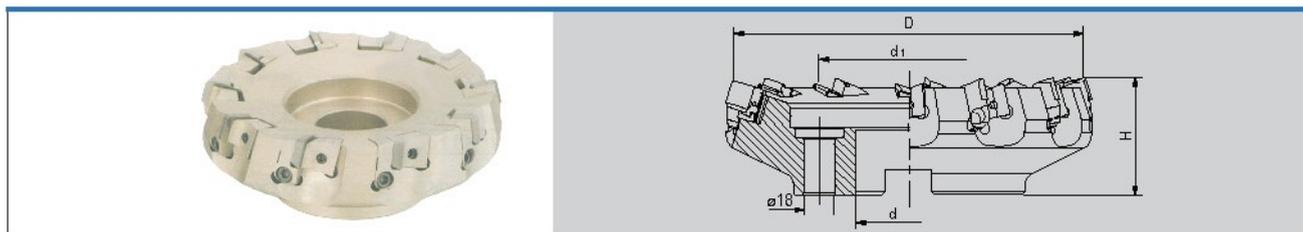
FP45° 平面铣刀头



| 型号 | 刃数 | 基本尺寸(mm) | | | | 型号 | 刃数 | 基本尺寸(mm) | | | | | |
|------|------------|----------|-----|--------|-------|----|------|----------|----|-----|----|-------|----|
| | | D | d | d1 | H | | | D | d | d1 | H | | |
| FP45 | 80-25.4 | 5 | 80 | 25.4 | - | 50 | FP45 | 80-27 | 5 | 80 | 27 | - | 50 |
| | 100-31.75 | 5 | 100 | 31.75 | - | 50 | | 100-32 | 5 | 100 | 32 | - | 50 |
| | 125-38.1 | 6 | 125 | 38.1 | - | 63 | | 125-40 | 6 | 125 | 40 | - | 63 |
| | 160-50.8 | 8 | 160 | 50.8 | - | 63 | | 160-40 | 8 | 160 | 40 | - | 63 |
| | 200-47.625 | 10 | 200 | 47.625 | - | 63 | | 200-60 | 10 | 200 | 60 | - | 63 |
| | 250-47.625 | 12 | 250 | 47.625 | 101.6 | 63 | | 250-60 | 12 | 250 | 60 | 101.6 | 63 |
| | 300-47.626 | 14 | 300 | 47.625 | 101.6 | 63 | | 300-60 | 14 | 300 | 60 | 101.6 | 63 |

| 替换零件 | | | | 使用刀片规格 | |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
| M5x16 | FC2550 | SV-128170-15 | TH-40 | SEKN1203 | SEKN1504 |

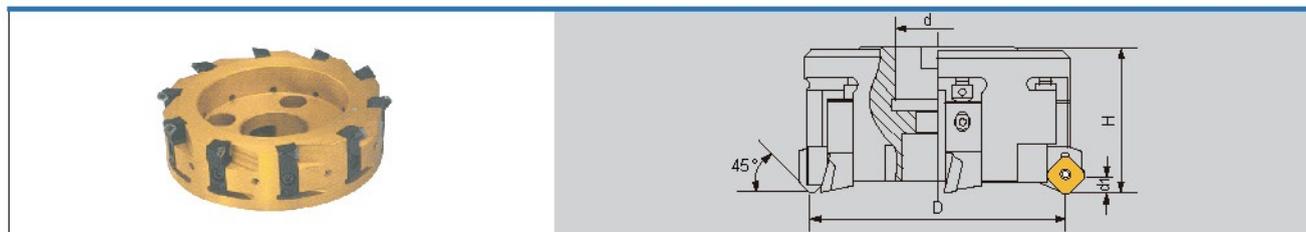
FP75° 平面铣刀头



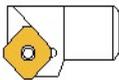
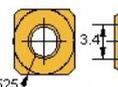
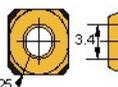
| 型号 | 刃数 | 基本尺寸(mm) | | | | 型号 | 刃数 | 基本尺寸(mm) | | | | | |
|------|------------|----------|-----|--------|-------|----|------|----------|----|-----|----|-------|----|
| | | D | d | d1 | H | | | D | d | d1 | H | | |
| FP75 | 80-25.4 | 5 | 80 | 25.4 | - | 50 | FP75 | 80-27 | 5 | 80 | 27 | - | 50 |
| | 100-31.75 | 6 | 100 | 31.75 | - | 50 | | 100-32 | 6 | 100 | 32 | - | 50 |
| | 125-38.1 | 8 | 125 | 38.1 | - | 63 | | 125-40 | 8 | 125 | 40 | - | 63 |
| | 160-50.8 | 10 | 160 | 50.8 | - | 63 | | 160-40 | 10 | 160 | 40 | - | 63 |
| | 200-47.625 | 12 | 200 | 47.625 | - | 63 | | 200-60 | 12 | 200 | 60 | - | 63 |
| | 250-47.625 | 14 | 250 | 47.625 | 101.6 | 63 | | 250-60 | 14 | 250 | 60 | 101.6 | 63 |
| | 300-47.626 | 16 | 300 | 47.625 | 101.6 | 63 | | 300-60 | 16 | 300 | 60 | 101.6 | 63 |

| 替换零件 | | | | 使用刀片规格 | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| M5x16 | FC2550 | SV-128170-15 | TH-40 | SPUN120308 | SEKN1504EDTR-20 |

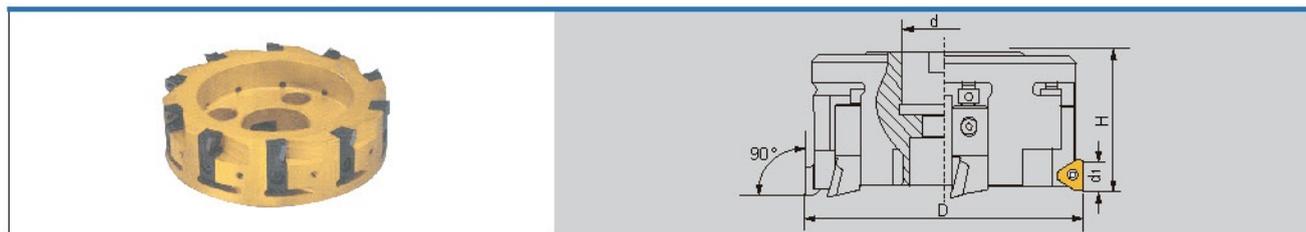
FM45° 铝合金平面铣刀头



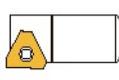
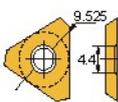
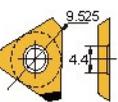
| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀夹 | 刀片 | 最高转速 | 重量 | |
|------|--------|----------|-----|----|---|----|----------------|----------|------|-------|
| | | D | d | d1 | H | | | | | |
| FM45 | 80-27 | 4 | 80 | 27 | 6 | 63 | SSSDR16CA-12AI | SEHT1204 | 6000 | 0.90 |
| | 100-32 | 5 | 100 | 32 | 6 | 63 | SSSDR16CA-12AI | SEHT1204 | 4800 | 1.00 |
| | 125-40 | 6 | 125 | 40 | 6 | 63 | SSSDR16CA-12AI | SEHT1204 | 3800 | 1.90 |
| | 160-40 | 8 | 160 | 40 | 6 | 63 | SSSDR16CA-12AI | SEHT1204 | 3000 | 2.70 |
| | 200-60 | 10 | 200 | 60 | 6 | 63 | SSSDR16CA-12AI | SEHT1204 | 2400 | 4.60 |
| | 250-60 | 12 | 250 | 60 | 6 | 63 | SSSDR16CA-12AI | SEHT1204 | 2000 | 7.20 |
| | 300-60 | 14 | 315 | 60 | 6 | 63 | SSSDR16CA-12AI | SEHT1204 | 400 | 10.20 |

| 替换零件 | | | | | | 使用刀片规格 | |
|--|--|--|--|--|---|--|--|
|  |  |  |  |  |  |  |  |
| SSSDR16CA-12AI | M5x16 | M4 | M5 | TH-40 | T20 | SEHT1204 | SEHT1204-PCD |

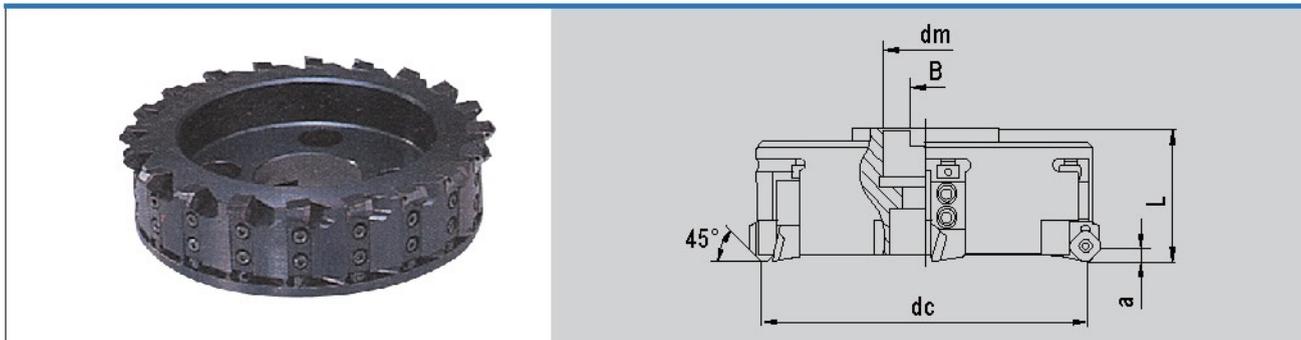
FM90° 铝合金平面铣刀头



| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀夹 | 刀片 | 最高转速 | 重量 | |
|------|--------|----------|-----|----|---|----|----------------|----------|------|-------|
| | | D | d | d1 | H | | | | | |
| FM90 | 80-27 | 4 | 80 | 27 | 6 | 63 | STGER16CA-16AI | TP**16** | 4000 | 0.90 |
| | 100-32 | 5 | 100 | 32 | 6 | 63 | STGER16CA-16AI | TP**16** | 3200 | 1.00 |
| | 125-40 | 6 | 125 | 40 | 6 | 63 | STGER16CA-16AI | TP**16** | 2500 | 1.90 |
| | 160-40 | 8 | 160 | 40 | 6 | 63 | STGER16CA-16AI | TP**16** | 2000 | 2.70 |
| | 200-60 | 10 | 200 | 60 | 6 | 63 | STGER16CA-16AI | TP**16** | 1600 | 4.60 |
| | 250-60 | 12 | 250 | 60 | 6 | 63 | STGER16CA-16AI | TP**16** | 1300 | 7.20 |
| | 300-60 | 14 | 315 | 60 | 6 | 63 | STGER16CA-16AI | TP**16** | 400 | 10.20 |

| 替换零件 | | | | | | 使用刀片规格 | |
|---|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |  |
| STGER16CA-16AI | M5x16 | M4 | M5 | TH-40 | T20 | TP**16** | TP**16**-PCD |

FMM可转位密齿精切面铣刀



| 型号 | 刃数 | 基本尺寸(mm) | | | | | 重量 | |
|-----|---------|----------|-----|----|---|------|----|-------|
| | | dc | dm | a | B | L | | |
| FMM | 160M-45 | 18 | 160 | 40 | 6 | 16.4 | 63 | 6.50 |
| | 200M-45 | 24 | 200 | 60 | 6 | 25.7 | 63 | 8.60 |
| | 250M-45 | 30 | 250 | 60 | 6 | 25.7 | 63 | 10.7 |
| | 315M-45 | 36 | 315 | 60 | 6 | 25.7 | 63 | 15.50 |
| | 400M-45 | 44 | 400 | 60 | 6 | 25.7 | 63 | 20.50 |

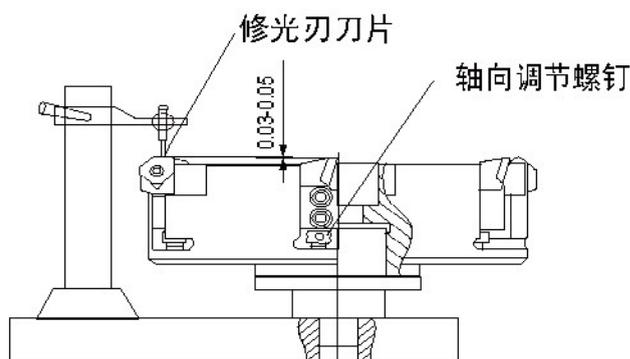
订货示例: 1件FMM-160M-45 (含一套刀夹)
刀片需单独订购

■ 附件

| 刀夹 | 刀片 | 修光刃刀片 | 螺钉 | 扳手 | 垫圈 | 螺钉 | 螺钉 | 扳手 | 备注 |
|--------------|------------------|--------------|---------|----|----|---------|----------|-----|---------|
| SSSDR12CA-09 | SDHT0903AEFN-27P | | MS04016 | S3 | D4 | AS05014 | L60 M3x6 | T10 | |
| SSSDR12CA-09 | SDNT0903AESN-29 | | MS04016 | S3 | D4 | AS05014 | L60 M3x6 | T10 | |
| SSSDR12CA-09 | SDNT0903AESN-31 | | MS04016 | S3 | D4 | AS05014 | L60 M3x6 | T10 | |
| SSSDR12CA-09 | SDNT0903AESN-33 | | MS04016 | S3 | D4 | AS05014 | L60 M3x6 | T10 | |
| SXSDR12CA-09 | | XDHW0903AESN | MS04016 | S3 | D4 | AS05014 | L60 M3x6 | T10 | 可选(修光刃) |
| SXSDR12CA-09 | | XDHW0903AEEN | MS04016 | S3 | D4 | AS05014 | L60 M3x6 | T10 | 可选(修光刃) |
| SXSDR12CA-09 | | XDHW0903AEFN | MS04016 | S3 | D4 | AS05014 | L60 M3x6 | T10 | 可选(修光刃) |

刀具调整方法:

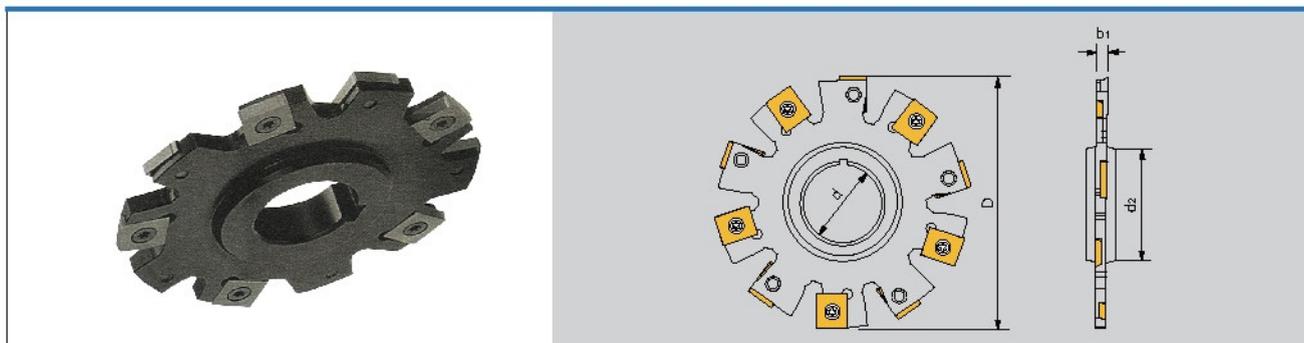
- 1、将铣刀放置在调刀仪上
- 2、借助千分表及调整轴向调节螺钉, 端齿跳动可达 μ 级
- 3、需安装修光刃刀片, 应使其轴向高于其它刀齿 0.03-0.05



SDC舍弃式侧铣刀

B

铣削刀具

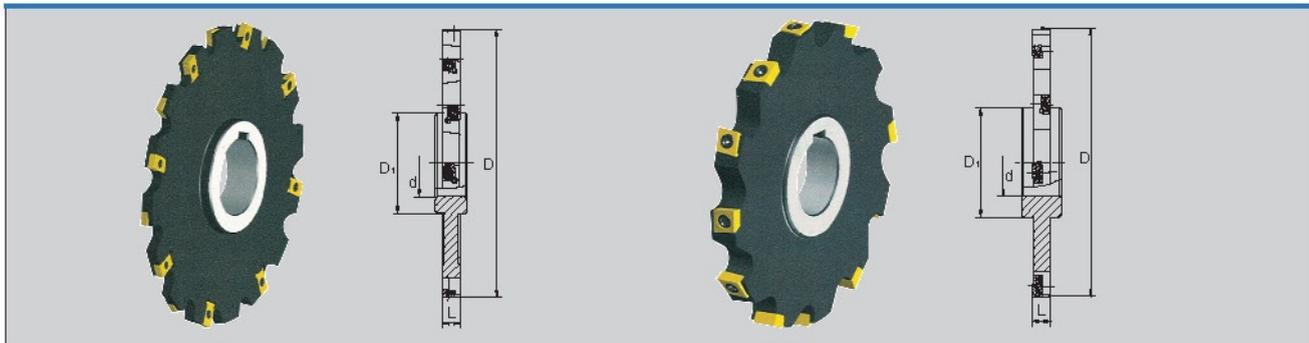


| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | | |
|-----|----------|----------|-----|---------|----|------|----------|------------|-----|
| | | D | d | d2 | b1 | | 螺丝 | 扳手 | |
| SDC | 100 x 04 | 6x2 | 100 | 25.4/27 | 45 | 04 | SNDX1102 | SDC-M3x3.5 | T8 |
| | 100 x 05 | 6x2 | 100 | 25.4/27 | 45 | 05 | SNFX1103 | SDC-M3x4.3 | T8 |
| | 100 x 06 | 5x2 | 100 | 25.4/27 | 45 | 06 | SNFX1203 | SDC-M4x5.2 | T15 |
| | 100 x 07 | 3x3 | 100 | 25.4/27 | 45 | 07 | SNFX1203 | SDC-M4x5.2 | T15 |
| | 100 x 08 | 3x3 | 100 | 25.4/27 | 45 | 08 | SNFX1203 | SDC-M4x5.2 | T15 |
| | 100 x 10 | 5x2 | 100 | 25.4/27 | 45 | 10 | SNFX1205 | SDC-M4x8.2 | T15 |
| | 125 x 04 | 7x2 | 125 | 25.4/40 | 58 | 04 | SNFX1102 | SDC-M3x3.5 | T8 |
| | 125 x 05 | 7x2 | 125 | 25.4/40 | 58 | 05 | SNFX1103 | SDC-M3x4.3 | T8 |
| | 125 x 06 | 6x2 | 125 | 25.4/40 | 58 | 06 | SNFX1203 | SDC-M4x5.2 | T15 |
| | 125 x 07 | 4x3 | 125 | 25.4/40 | 58 | 07 | SNFX1203 | SDC-M4x5.2 | T15 |
| | 125 x 08 | 4x3 | 125 | 25.4/40 | 58 | 08 | SNFX1203 | SDC-M4x5.2 | T15 |
| | 125 x 09 | 6x2 | 125 | 25.4/40 | 58 | 09 | SNFX1205 | SDC-M4x8.2 | T15 |
| | 125 x 10 | 6x2 | 125 | 25.4/40 | 58 | 10 | SNFX1205 | SDC-M4x8.2 | T15 |
| | 160 x 04 | 9x2 | 160 | 25.4/40 | 68 | 04 | SNFX1102 | SDC-M3x3.5 | T8 |
| | 160 x 05 | 9x2 | 160 | 25.4/40 | 68 | 05 | SNFX1103 | SDC-M3x4.3 | T8 |
| | 160 x 06 | 8x2 | 160 | 25.4/40 | 68 | 06 | SNFX1203 | SDC-M4x5.2 | T15 |
| | 160 x 07 | 5x3 | 160 | 25.4/40 | 68 | 07 | SNFX1203 | SDC-M4x5.2 | T15 |
| | 160 x 08 | 5x3 | 160 | 25.4/40 | 68 | 08 | SNFX1203 | SDC-M4x5.2 | T15 |
| | 160 x 09 | 8x2 | 160 | 25.4/40 | 68 | 09 | SNFX1205 | SDC-M4x8.2 | T15 |
| | 160 x 10 | 8x2 | 160 | 25.4/40 | 68 | 10 | SNFX1205 | SDC-M4x8.2 | T15 |

| 型号 | 图示 | 切削用途 | 基本尺寸(mm) | | |
|----------|----|------|----------|------|------|
| | | | d1 | L | s |
| SNFX1102 | | 合金钢 | 3.7 | 11 | 2.3 |
| SNFX1103 | | 不锈钢 | 3.7 | 11 | 2.7 |
| SNFX1203 | | 铸铁 | 5 | 12.7 | 3.18 |
| SNFX1205 | | 铝合金 | 5 | 12.7 | 5.4 |

注：可定做其它安装孔尺寸，刀体尺寸不同的侧铣刀。

立装可转位槽铣刀



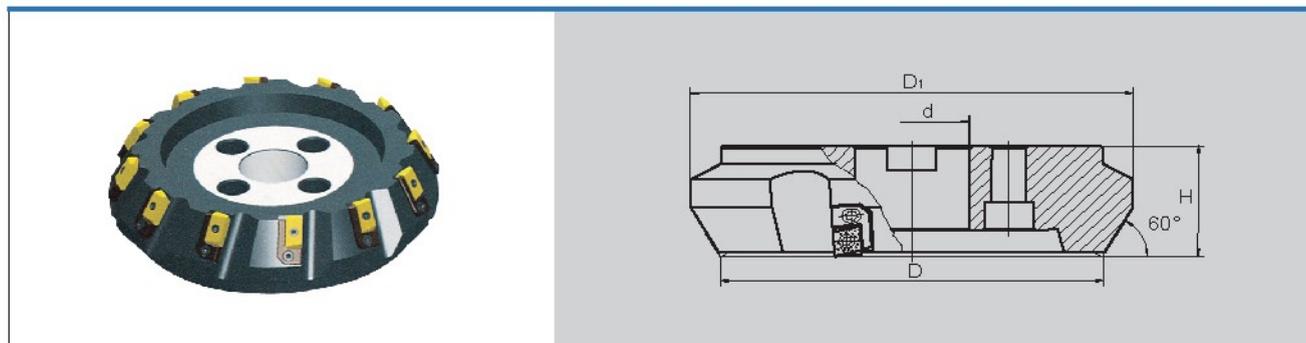
B

铣削刀具

| 型号 | 刃数 | 基本尺寸(mm) | | | | 刀片型号 | 配件 | |
|----------|----|----------|----|----|-------|-------------|--------|-----|
| | | D | D1 | d | L | | 螺丝 | 扳手 |
| KCX100-L | 8 | 100 | 55 | 32 | 8-9 | LNEU1504 | M4X8.4 | T15 |
| KCX100-L | 8 | 100 | 55 | 32 | 9-10 | SNEU1205 | M5X10 | T20 |
| KCX100-L | 8 | 100 | 55 | 32 | 10-12 | SNEU1206 | M5X10 | T20 |
| KCX125-L | 10 | 125 | 65 | 40 | 8-9 | LNEU1504 | M4X8.4 | T15 |
| KCX125-L | 10 | 125 | 65 | 40 | 9-10 | SNEU1205 | M5X10 | T20 |
| KCX125-L | 10 | 125 | 65 | 40 | 10-12 | SNEU1206 | M5X10 | T20 |
| KCX160-L | 12 | 160 | 65 | 40 | 8-9 | LNEU1504 | M4X8.4 | T15 |
| KCX160-L | 12 | 160 | 65 | 40 | 9-10 | SNEU1205 | M5X10 | T20 |
| KCX160-L | 12 | 160 | 65 | 40 | 10-12 | SNEU1206 | M5X10 | T20 |
| KCX160-L | 12 | 160 | 65 | 40 | 12-14 | SNEC1507 | M5X12 | T20 |
| KCX160-L | 12 | 160 | 65 | 40 | 14-16 | CDEU0904R/L | M4X8.4 | T15 |
| KCX160-L | 12 | 160 | 65 | 40 | 16-20 | CDEU1206R/L | M5X12 | T20 |
| KCX160-L | 12 | 160 | 65 | 40 | 20-28 | CDEU1606R/L | M5X12 | T20 |
| KCX200-L | 16 | 200 | 75 | 50 | 8-9 | LNEU1504 | M4X8.4 | T15 |
| KCX200-L | 14 | 200 | 75 | 50 | 9-10 | SNEU1205 | M5X10 | T20 |
| KCX200-L | 14 | 200 | 75 | 50 | 10-12 | SNEU1206 | M5X10 | T20 |
| KCX200-L | 14 | 200 | 75 | 50 | 12-14 | SNEC1507 | M5X12 | T20 |
| KCX200-L | 14 | 200 | 75 | 50 | 14-16 | CDEU0904R/L | M4X8.4 | T15 |
| KCX200-L | 14 | 200 | 75 | 50 | 16-20 | CDEU1206R/L | M5X12 | T20 |
| KCX200-L | 14 | 200 | 75 | 50 | 20-28 | CDEU1606R/L | M5X12 | T20 |
| KCX250-L | 18 | 250 | 90 | 60 | 10-12 | SNEU1206 | M5X10 | T20 |
| KCX250-L | 16 | 250 | 90 | 60 | 12-14 | SNEC1507 | M5X12 | T20 |
| KCX250-L | 16 | 250 | 90 | 60 | 14-16 | CDEU0904R/L | M4X8.4 | T15 |
| KCX250-L | 16 | 250 | 90 | 60 | 16-20 | CDEU1206R/L | M5X12 | T20 |
| KCX250-L | 16 | 250 | 90 | 60 | 20-28 | CDEU1606R/L | M5X12 | T20 |
| KCX315-L | 22 | 315 | 90 | 60 | 10-12 | SNEU1206 | M5X10 | T20 |
| KCX315-L | 20 | 315 | 90 | 60 | 12-14 | SNEC1507 | M5X12 | T20 |
| KCX315-L | 20 | 315 | 90 | 60 | 14-16 | CDEU0904R/L | M4X8.4 | T15 |
| KCX315-L | 20 | 315 | 90 | 60 | 16-20 | CDEU1206R/L | M5X12 | T20 |
| KCX315-L | 20 | 315 | 90 | 60 | 20-28 | CDEU1606R/L | M5X12 | T20 |
| KCX350-L | 22 | 350 | 90 | 60 | 16-20 | CDEU1206R/L | M5X12 | T20 |
| KCX350-L | 22 | 350 | 90 | 60 | 20-28 | CDEU1606R/L | M5X12 | T20 |
| KCX400-L | 24 | 400 | 90 | 60 | 16-20 | CDEU1206R/L | M5X12 | T20 |
| KCX400-L | 24 | 400 | 90 | 60 | 20-28 | CDEU1606R/L | M5X12 | T20 |
| KCX500-L | 30 | 500 | 90 | 60 | 16-20 | CDEU1206R/L | M5X12 | T20 |
| KCX500-L | 30 | 500 | 90 | 60 | 20-28 | CDEU1606R/L | M5X12 | T20 |

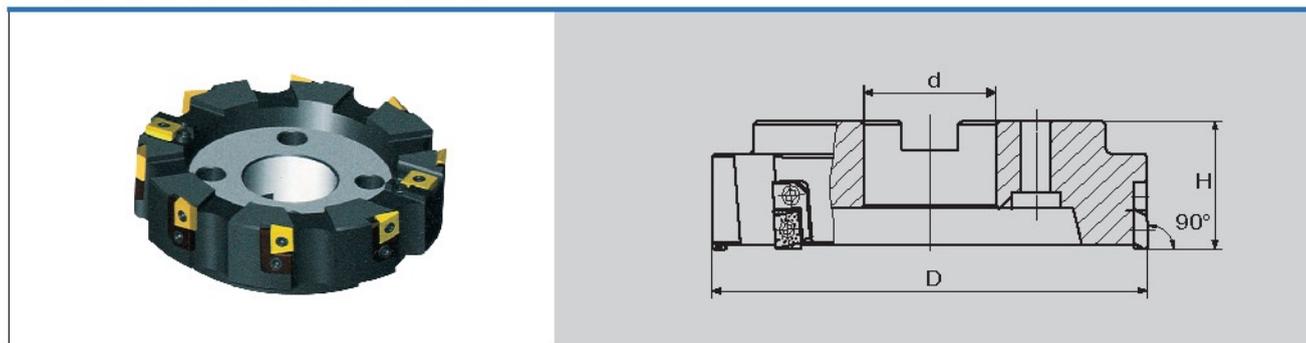
| 刀片规格 | 图示 | 基本尺寸(mm) | | | | |
|----------|----|----------|--------|------|-----|---------|
| | | L | L1 | S | d1 | β |
| LNEU1504 | | 9.525 | 15.875 | 4.76 | 4.3 | |
| SNEU1205 | | 12.7 | 12.7 | 5.56 | 5.3 | 60° |
| SNEU1206 | | 12.7 | 12.7 | 6.35 | 5.3 | 60° |
| SNEU1507 | | 15.87 | 15.87 | 7.94 | 5.5 | 90° |

立装可转位平面粗铣刀Kr60°



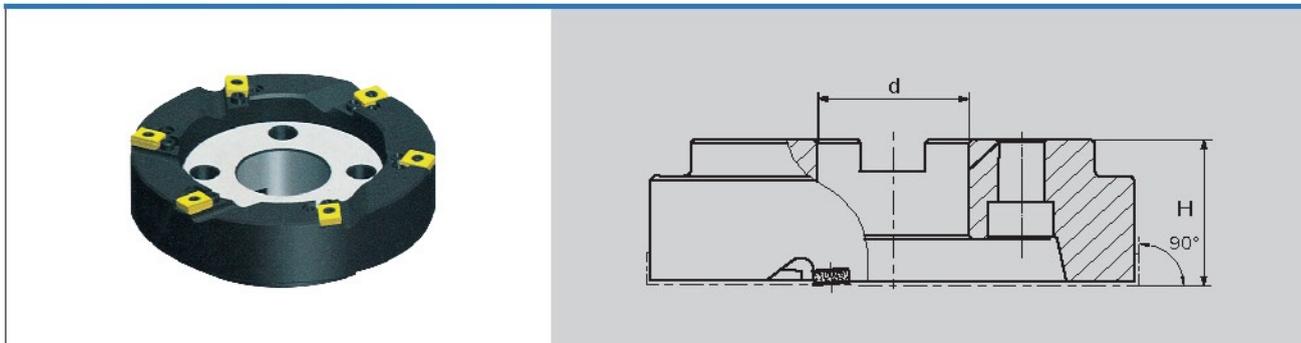
| 型号 | 刃数 | 基本尺寸(mm) | | | 安装 | | 刀片 | 配件 | | |
|------------|----|----------|-----|----|----|-------|-------------|---------|-------|-----|
| | | D | D1 | H | d | 型式 | | 刀片座 | 螺丝 | 扳手 |
| 6C2K160R/L | 8 | 160 | 192 | 63 | 40 | B | LSE434R/L01 | ME04-10 | M5x15 | T20 |
| 6C2K200R/L | 10 | 200 | 232 | 63 | 60 | C(CA) | LSE434R/L01 | ME04-10 | M5x15 | T20 |
| 6C2K250R/L | 12 | 250 | 282 | 63 | 60 | C(CA) | LSE434R/L01 | ME04-10 | M5x15 | T20 |
| 6C2K315R/L | 15 | 315 | 347 | 80 | 60 | C(CA) | LSE434R/L01 | ME04-10 | M5x15 | T20 |
| 6C2L200R/L | 8 | 200 | 242 | 80 | 60 | C(CA) | LSE446R/L01 | ME04R13 | M5x19 | T20 |
| 6C2L250R/L | 10 | 250 | 292 | 80 | 60 | C(CA) | LSE446R/L01 | ME04R13 | M5x19 | T20 |
| 6C2L315R/L | 12 | 315 | 356 | 80 | 60 | C(CA) | LSE446R/L01 | ME04R13 | M5x19 | T20 |
| 6C2L400R/L | 16 | 400 | 441 | 80 | 60 | C(CA) | LSE446R/L01 | ME04R13 | M5x19 | T20 |

立装可转位平面粗铣刀Kr90°



| 型号 | 刃数 | 基本尺寸(mm) | | 安装 | | 刀片 | 配件 | | |
|------------|----|----------|----|----|-------|-------------|---------|-------|-----|
| | | D | H | d | 型式 | | 刀片座 | 螺丝 | 扳手 |
| 6J2K160R/L | 6 | 160 | 63 | 40 | B | LSE434R/L01 | ME04-10 | M5x15 | T20 |
| 6J2K200R/L | 8 | 200 | 63 | 60 | C(CA) | LSE434R/L01 | ME04-10 | M5x15 | T20 |
| 6J2K250R/L | 10 | 250 | 63 | 60 | C(CA) | LSE434R/L01 | ME04-10 | M5x15 | T20 |
| 6J2K315R/L | 12 | 315 | 80 | 60 | C(CA) | LSE434R/L01 | ME04-10 | M5x15 | T20 |
| 6J2L200R/L | 9 | 200 | 63 | 60 | C(CA) | LSE446R/L01 | ME04R13 | M5x19 | T20 |
| 6J2L250R/L | 12 | 250 | 63 | 60 | C(CA) | LSE446R/L01 | ME04R13 | M5x19 | T20 |
| 6J2L315R/L | 15 | 315 | 80 | 60 | C(CA) | LSE446R/L01 | ME04R13 | M5x19 | T20 |
| 6J2L400R/L | 18 | 400 | 80 | 60 | C(CA) | LSE446R/L01 | ME04R13 | M5x19 | T20 |

立装可转位平面精铣刀Kr90°



| 型号 | 刃数 | 基本尺寸(mm) | | 安装 | | 刀片 | 配件 | | |
|------------|----|----------|----|----|-------|-----------|---------|----------------|-----|
| | | D | H | d | 型式 | | 偏心销 | 螺丝 | 扳手 |
| 6F2K160R/L | 4 | 160 | 63 | 40 | B | YCE434-01 | 6F2K-02 | M4x13 M5x15 | T20 |
| 6F2K200R/L | 6 | 200 | 63 | 60 | C(CA) | YCE434-01 | 6F2K-02 | | T20 |
| 6F2K250R/L | 6 | 250 | 63 | 60 | C(CA) | YCE434-01 | 6F2K-02 | | T20 |
| 6F2K315R/L | 8 | 315 | 80 | 60 | C(CA) | YCE434-01 | 6F2K-02 | | T20 |
| 6F2K400R/L | 12 | 400 | 80 | 60 | C(CA) | YCE434-01 | 6F2K-02 | | T20 |
| 6F2K500R/L | 12 | 500 | 80 | 60 | C(CA) | YCE434-01 | 6F2K-02 | | T20 |

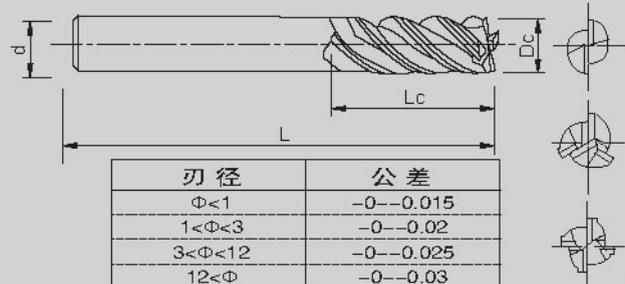
| 刀片规格 | 图示 | 基本尺寸(mm) | | | |
|--------------|----|----------|------|-----|-----|
| | | L | B | S | d1 |
| LSE434 R/L01 | | 19 | 14.3 | 6.4 | 5.5 |
| LSE446 R/L01 | | 28.6 | 14.3 | 9.5 | 5.5 |
| YCE434-01 | | 19.1 | 14.3 | 6.4 | 5.5 |

| 刀片规格 | 图示 | 基本尺寸(mm) | | | | |
|-------------|----|----------|------|------|------|----------|
| | | L | d | S | r | α |
| APLT1504ZZR | | 15.88 | 12.7 | 4.76 | 1.94 | 11° |

| 刀片规格 | 图示 | 基本尺寸(mm) | | | | |
|------------|----|----------|------|------|------|-----|
| | | L | d | S | r | d1 |
| SPLT1204AD | | 12.7 | 12.7 | 4.76 | 1.94 | 5.5 |

| 刀片规格 | 图示 | 基本尺寸(mm) | | | | | |
|------------|----|----------|-------|------|------|------|----------|
| | | L1 | L2=D | S | m | d1 | α |
| ADHW150308 | | 15 | 9.525 | 3.18 | 3.91 | 4.5 | 15° |
| APHW160408 | | 15.875 | 12.7 | 4.76 | 3.63 | 5.56 | 11° |

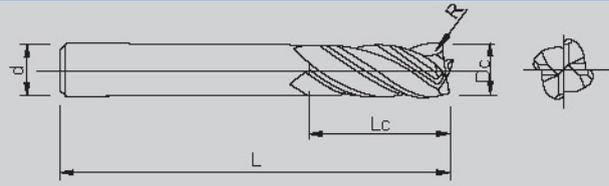
整体硬质合金平刀系列

| 刃径 | 公差 |
|-----------------|-----------|
| $\Phi < 1$ | -0--0.015 |
| $1 < \Phi < 3$ | -0--0.02 |
| $3 < \Phi < 12$ | -0--0.025 |
| $12 < \Phi$ | -0--0.03 |

| 型号 | 刃径 Dc | 刃长 Lc | 总长 L | 柄径 d | 刃数 |
|-------------------|-------|-------|------|------|-------|
| YGLX-0103-0350-T | 1 | 3 | 50 | 3 | 2/3/4 |
| YGLX-0154-0350-T | 1.5 | 4 | 50 | 3 | 2/3/4 |
| YGLX-0206-0350-T | 2 | 6 | 50 | 3 | 2/3/4 |
| YGLX-0258-0350-T | 2.5 | 8 | 50 | 3 | 2/3/4 |
| YGLX-0308-0350-T | 3 | 8 | 50 | 3 | 2/3/4 |
| YGLX-0103-0450-T | 1 | 3 | 50 | 4 | 2/3/4 |
| YGLX-0154-0450-T | 1.5 | 4 | 50 | 4 | 2/3/4 |
| YGLX-0205-0450-T | 2 | 5 | 50 | 4 | 2/3/4 |
| YGLX-0308-0450-T | 3 | 8 | 50 | 4 | 2/3/4 |
| YGLX-0412-0450-T | 4 | 12 | 50 | 4 | 2/3/4 |
| YGLX-0103-0650-T | 1 | 3 | 50 | 6 | 2/3/4 |
| YGLX-0205-0650-T | 2 | 5 | 50 | 6 | 2/3/4 |
| YGLX-0308-0650-T | 3 | 8 | 50 | 6 | 2/3/4 |
| YGLX-0412-0650-T | 4 | 12 | 50 | 6 | 2/3/4 |
| YGLX-0515-0650-T | 5 | 15 | 50 | 6 | 2/3/4 |
| YGLX-0616-0650-T | 6 | 16 | 50 | 6 | 2/3/4 |
| YGLX-0716-0860-T | 7 | 16 | 60 | 8 | 2/3/4 |
| YGLX-0820-0860-T | 8 | 20 | 60 | 8 | 2/3/4 |
| YGLX-0920-1075-T | 9 | 20 | 75 | 10 | 2/3/4 |
| YGLX-1030-1075-T | 10 | 30 | 75 | 10 | 2/3/4 |
| YGLX-1232-1275-T | 12 | 32 | 75 | 12 | 2/3/4 |
| YGLX-1445-16100-T | 14 | 45 | 100 | 16 | 2/3/4 |
| YGLX-1645-16100-T | 16 | 45 | 100 | 16 | 2/3/4 |
| YGLX-1845-20100-T | 18 | 45 | 100 | 20 | 2/3/4 |
| YGLX-2045-20100-T | 20 | 45 | 100 | 20 | 2/3/4 |

整体硬质合金圆鼻刀系列

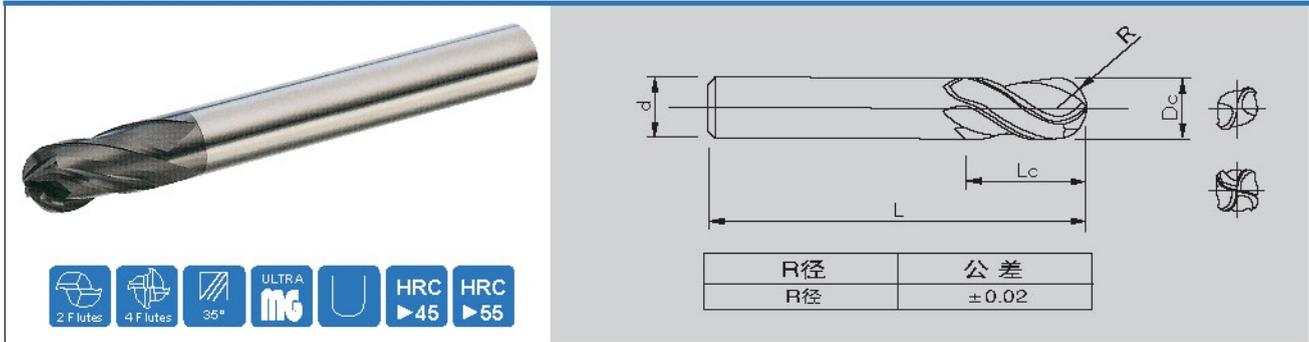



| 刃径 | 公差 |
|-----------------|-----------|
| $\Phi < 1$ | -0--0.015 |
| $1 < \Phi < 3$ | -0--0.02 |
| $3 < \Phi < 12$ | -0--0.025 |
| $12 < \Phi$ | -0--0.03 |

| R径 | 公差 |
|----|------------|
| R径 | ± 0.02 |

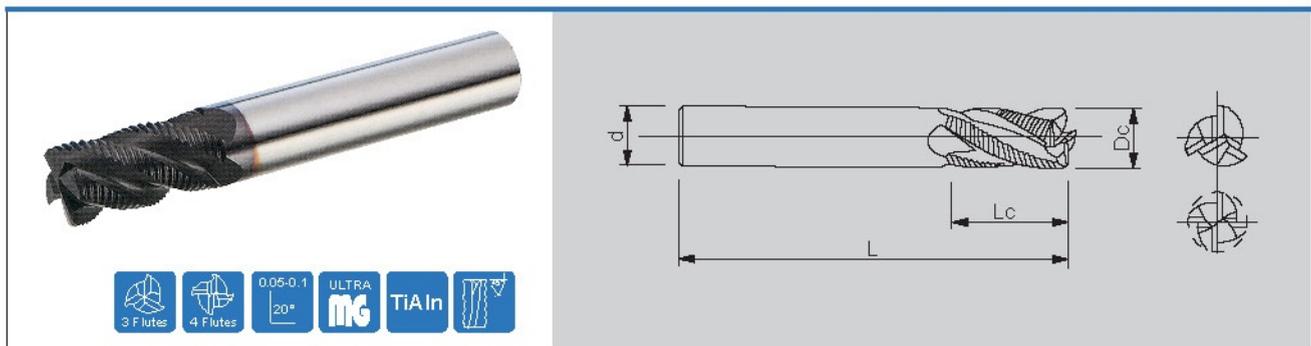
| 型号 | 刃径 Dc | R 径 | 刃长 Lc | 总长 L | 柄径 d | 刃数 |
|-------------------|-------|-----------------------|-------|------|------|-----|
| YGRX0206-0650-T-R | 2 | 0.2/0.3/0.5 | 6 | 50 | 6 | 2/4 |
| YGRX0308-0650-T-R | 3 | 0.2/0.3/0.5/1 | 8 | 50 | 6 | 2/4 |
| YGRX0411-0650-T-R | 4 | 0.2/0.3/0.5/1 | 11 | 50 | 6 | 2/4 |
| YGRX0513-0650-T-R | 5 | 0.2/0.3/0.5/1 | 13 | 50 | 6 | 2/4 |
| YGRX0616-0650-T-R | 6 | 0.2/0.3/0.5/1/1.5/2 | 16 | 50 | 6 | 2/4 |
| YGRX0820-0860-T-R | 8 | 0.3/0.5/1/1.5/2/2.5/3 | 20 | 60 | 8 | 2/4 |
| YGRX1030-1075-T-R | 10 | 0.3/0.5/1/1.5/2/2.5/3 | 30 | 75 | 10 | 2/4 |
| YGRX1232-1275-T-R | 12 | 0.3/0.5/1/1.5/2/2.5/3 | 32 | 75 | 12 | 2/4 |

整体硬质合金球刀系列



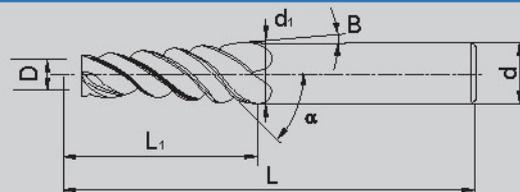
| 型号 | 刃径Dc | R径 | 刃长Lc | 总长L | 柄径d | 刃数 |
|--------------------|------|------|------|-----|-----|-----|
| YGQX0102-0450-T-R | 1 | 0.5 | 2 | 50 | 4 | 2 |
| YGQX0153-0450-T-R | 1.5 | 0.75 | 3 | 50 | 4 | 2 |
| YGQX0204-0450-T-R | 2 | 1 | 4 | 50 | 4 | 2 |
| YGQX0255-0450-T-R | 2.5 | 1.25 | 5 | 50 | 4 | 2 |
| YGQX0306-0450-T-R | 3 | 1.5 | 6 | 50 | 4 | 2 |
| YGQX0408-0450-T-R | 4 | 2 | 8 | 50 | 4 | 2 |
| YGQX0102-0650-T-R | 1 | 0.5 | 2 | 50 | 6 | 2 |
| YGQX0204-0650-T-R | 2 | 1 | 4 | 50 | 6 | 2 |
| YGQX0306-0650-T-R | 3 | 1.5 | 6 | 50 | 6 | 2 |
| YGQX0408-0650-T-R | 4 | 2 | 8 | 50 | 6 | 2 |
| YGQX0510-0650-T-R | 5 | 2.5 | 10 | 50 | 6 | 2 |
| YGQX0612-0650-T-R | 6 | 3 | 12 | 50 | 6 | 2/4 |
| YGQX0714-0860-T-R | 7 | 3.5 | 14 | 60 | 8 | 2/4 |
| YGQX0816-0860-T-R | 8 | 4 | 16 | 60 | 8 | 2/4 |
| YGQX1020-1075-T-R | 10 | 5 | 20 | 75 | 10 | 2/4 |
| YGQX1224-1275-T-R | 12 | 6 | 24 | 75 | 12 | 2/4 |
| YGQX1632-16100-T-R | 16 | 8 | 32 | 100 | 16 | 2/4 |
| YGQX2040-20100-T-R | 20 | 10 | 40 | 100 | 20 | 2/4 |

整体硬质合金波刃铣刀系列



| 型号 | 刃径Dc | 刃长Lc | 总长L | 柄径d | 刃数 |
|------------------|------|------|-----|-----|-----|
| YGBX0306-0650-T | 3 | 6 | 50 | 6 | 3/4 |
| YGBX0408-0650-T | 4 | 8 | 50 | 6 | 3/4 |
| YGBX0510-0650-T | 5 | 10 | 50 | 6 | 3/4 |
| YGBX0612-0650-T | 6 | 12 | 50 | 6 | 3/4 |
| YGBX0718-0860-T | 7 | 18 | 60 | 8 | 3/4 |
| YGBX0718-0860-T | 8 | 18 | 60 | 8 | 3/4 |
| YGBX0922-1075-T | 9 | 22 | 75 | 10 | 3/4 |
| YGBX1022-1075-T | 10 | 22 | 75 | 10 | 3/4 |
| YGBX1227-1275-T | 12 | 27 | 75 | 12 | 3/4 |
| YGBX1635-16100-T | 16 | 35 | 100 | 16 | 3/4 |
| YGBX2040-20100-T | 20 | 40 | 100 | 20 | 3/4 |

整体硬质合金锥度刀系列

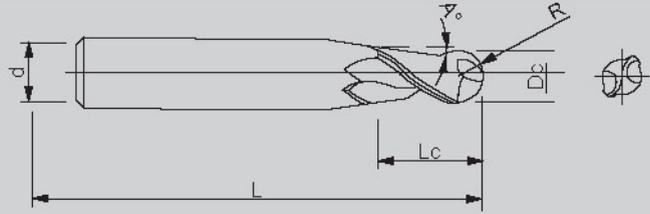


| 刃径 | 公差 |
|-----------------|-----------|
| $\Phi < 1$ | -0--0.015 |
| $1 < \Phi < 3$ | -0--0.02 |
| $3 < \Phi < 12$ | -0--0.025 |
| $12 < \Phi$ | -0--0.03 |



| 型号 | 小径D | 刃长L ₁ | 锥度B | 大径d ₁ | 柄径d | 总长L | 刃数 |
|-----------------------------|------|------------------|------|------------------|-----|-----|-------|
| YGLX0104-0450-2T-B1.0 | 1.0 | 4 | 1.0 | 1.14 | 4 | 50 | 2 |
| YGLX0104-0450-2T-B2.0 | | | 2.0 | 1.28 | 4 | 50 | |
| YGLX0104-0450-2T-B3.0 | | | 3.0 | 1.42 | 4 | 50 | |
| YGLX0104-0450-2T-B5.0 | | | 5.0 | 1.70 | 4 | 50 | |
| YGLX0104-0450-2T-B7.0 | | | 7.0 | 1.98 | 4 | 50 | |
| YGLX0104-0450-2T-B10.0 | | | 10.0 | 2.41 | 4 | 50 | |
| YGLX0206-0450-2/3T-B1.0 | 2.0 | 6 | 1.0 | 2.21 | 4 | 50 | 2/3 |
| YGLX0206-0450-2/3T-B2.0 | | | 2.0 | 2.41 | 4 | 50 | |
| YGLX0206-0450-2/3T-B3.0 | | | 3.0 | 2.62 | 4 | 50 | |
| YGLX0206-0450-2/3T-B5.0 | | | 5.0 | 3.05 | 4 | 50 | |
| YGLX0206-0450-2/3T-B7.0 | | | 7.0 | 3.47 | 4 | 50 | |
| YGLX0206-0450-2/3T-B10.0 | | | 10.0 | 4.12 | 4 | 50 | |
| YGLX0310-0450-2/3T-B1.0 | 3.0 | 10 | 1.0 | 3.35 | 4 | 50 | 2/3 |
| YGLX0310-0450-2/3T-B2.0 | | | 2.0 | 3.69 | 4 | 50 | |
| YGLX0310-0650-2/3T-B3.0 | | | 3.0 | 4.05 | 6 | 50 | |
| YGLX0310-0650-2/3T-B5.0 | | | 5.0 | 4.75 | 6 | 50 | |
| YGLX0310-0650-2/3T-B7.0 | | | 7.0 | 5.54 | 6 | 50 | |
| YGLX0310-0860-2/3T-B10.0 | | | 10.0 | 6.53 | 8 | 60 | |
| YGLX0415-0650-2/3T-B1.0 | 4.0 | 15 | 1.0 | 4.52 | 6 | 50 | 2/3 |
| YGLX0415-0650-2/3T-B2.0 | | | 2.0 | 5.04 | 6 | 50 | |
| YGLX0415-0650-2/3T-B3.0 | | | 3.0 | 5.57 | 6 | 50 | |
| YGLX0415-0860-2/3T-B5.0 | | | 5.0 | 6.62 | 8 | 60 | |
| YGLX0415-0860-2/3T-B7.0 | | | 7.0 | 7.68 | 8 | 60 | |
| YGLX0415-1075-2/3T-B10.0 | | | 10.0 | 9.30 | 10 | 75 | |
| YGLX0520-0650-2/3T-B1.0 | 5.0 | 20 | 1.0 | 5.70 | 6 | 50 | 2/3 |
| YGLX0520-0860-2/3T-B2.0 | | | 2.0 | 6.39 | 8 | 60 | |
| YGLX0520-0860-2/3T-B3.0 | | | 3.0 | 7.10 | 8 | 60 | |
| YGLX0520-1075-2/3T-B5.0 | | | 5.0 | 8.50 | 10 | 75 | |
| YGLX0520-1075-2/3T-B7.0 | | | 7.0 | 9.91 | 10 | 75 | |
| YGLX0520-1275-2/3T-B10.0 | | | 10.0 | 12.05 | 12 | 75 | |
| YGLX0620-0860-2/3/4T-B1.0 | 6.0 | 20 | 1.0 | 6.70 | 8 | 60 | 2/3/4 |
| YGLX0620-0860-2/3/4T-B2.0 | | | 2.0 | 7.40 | 8 | 60 | |
| YGLX0620-0875-2/3/4T-B3.0 | | | 3.0 | 8.10 | 8 | 75 | |
| YGLX0620-1075-2/3/4T-B5.0 | | | 5.0 | 9.50 | 10 | 75 | |
| YGLX0620-1275-2/3/4T-B7.0 | | | 7.0 | 10.91 | 12 | 75 | |
| YGLX0620-1275-2/3/4T-B10.0 | | | 10.0 | 13.05 | 12 | 75 | |
| YGLX0825-1075-2/3/4T-B1.0 | 8.0 | 25 | 1.0 | 8.87 | 10 | 75 | 2/3/4 |
| YGLX0825-1075-2/3/4T-B2.0 | | | 2.0 | 9.74 | 10 | 75 | |
| YGLX0825-1075-2/3/4T-B3.0 | | | 3.0 | 10.62 | 10 | 75 | |
| YGLX0825-1275-2/3/4T-B5.0 | | | 5.0 | 12.37 | 12 | 75 | |
| YGLX0825-1275-2/3/4T-B7.0 | | | 7.0 | 14.14 | 12 | 75 | |
| YGLX0825-16100-2/3/4T-B10.0 | | | 10.0 | 16.82 | 16 | 100 | |
| YGLX1035-12100-2/3/4T-B1.0 | 10.0 | 35 | 1.0 | 11.22 | 12 | 100 | 2/3/4 |
| YGLX1035-12100-2/3/4T-B2.0 | | | 2.0 | 12.44 | 12 | 100 | |
| YGLX1035-12100-2/3/4T-B3.0 | | | 3.0 | 13.67 | 12 | 100 | |
| YGLX1035-16100-2/3/4T-B5.0 | | | 5.0 | 16.12 | 16 | 100 | |
| YGLX1035-16100-2/3/4T-B7.0 | | | 7.0 | 18.60 | 16 | 100 | |
| YGLX1035-20100-T-B10.0 | | | 10.0 | 22.34 | 20 | 100 | |

整体硬质合金锥度球刀系列

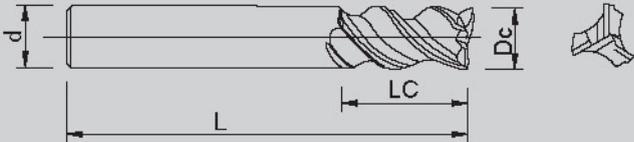


| | |
|----|--------|
| R径 | 公差 |
| R径 | ± 0.02 |

| 型号 | 小径D | R径 | 刃长L ₁ | 锥度B | 大径d ₁ | 柄径d | 总长L | 刃数 |
|-------------------------------|------|-----|------------------|------|------------------|-----|-----|-----|
| YGQX0104-0450-2T-B1.0R0.5 | 1.0 | 0.5 | 4 | 1.0 | 1.14 | 4 | 50 | 2 |
| YGLX0104-0450-2T-B2.0R0.5 | | | | 2.0 | 1.28 | 4 | 50 | |
| YGLX0104-0450-2T-B3.0R0.5 | | | | 3.0 | 1.42 | 4 | 50 | |
| YGLX0104-0450-2T-B5.0R0.5 | | | | 5.0 | 1.70 | 4 | 50 | |
| YGLX0104-0450-2T-B7.0R0.5 | | | | 7.0 | 1.98 | 4 | 50 | |
| YGLX0104-0450-2T-B10.0R0.5 | | | | 10.0 | 2.41 | 4 | 50 | |
| YGLX0206-0450-2T-B1.0R1.0 | 2.0 | 1.0 | 6 | 1.0 | 2.21 | 4 | 50 | 2 |
| YGLX0206-0450-2T-B2.0R1.0 | | | | 2.0 | 2.41 | 4 | 50 | |
| YGLX0206-0450-2T-B3.0R1.0 | | | | 3.0 | 2.62 | 4 | 50 | |
| YGLX0206-0450-2T-B5.0R1.0 | | | | 5.0 | 3.05 | 4 | 50 | |
| YGLX0206-0450-2T-B7.0R1.0 | | | | 7.0 | 3.47 | 4 | 50 | |
| YGLX0206-0450-2T-B10.0R1.0 | | | | 10.0 | 4.12 | 4 | 50 | |
| YGLX0310-0450-2T-B1.0R1.5 | 3.0 | 1.5 | 10 | 1.0 | 3.35 | 4 | 50 | 2 |
| YGLX0310-0450-2T-B2.0R1.5 | | | | 2.0 | 3.69 | 4 | 50 | |
| YGLX0310-0650-2T-B3.0R1.5 | | | | 3.0 | 4.05 | 6 | 50 | |
| YGLX0310-0650-2T-B5.0R1.5 | | | | 5.0 | 4.75 | 6 | 50 | |
| YGLX0310-0650-2T-B7.0R1.5 | | | | 7.0 | 5.54 | 6 | 50 | |
| YGLX0310-0860-2T-B10.0R1.5 | | | | 10.0 | 6.53 | 8 | 60 | |
| YGLX0415-0650-2T-B1.0R2.0 | 4.0 | 2.0 | 15 | 1.0 | 4.52 | 6 | 50 | 2 |
| YGLX0415-0650-2T-B2.0R2.0 | | | | 2.0 | 5.04 | 6 | 50 | |
| YGLX0415-0650-2T-B3.0R2.0 | | | | 3.0 | 5.57 | 6 | 50 | |
| YGLX0415-0860-2T-B5.0R2.0 | | | | 5.0 | 6.62 | 8 | 60 | |
| YGLX0415-0860-2T-B7.0R2.0 | | | | 7.0 | 7.68 | 8 | 60 | |
| YGLX0415-1075-2T-B10.0R2.0 | | | | 10.0 | 9.30 | 10 | 75 | |
| YGLX0520-0650-2T-B1.0R2.5 | 5.0 | 2.5 | 20 | 1.0 | 5.70 | 6 | 50 | 2 |
| YGLX0520-0860-2T-B2.0R2.5 | | | | 2.0 | 6.39 | 8 | 60 | |
| YGLX0520-0860-2T-B3.0R2.5 | | | | 3.0 | 7.10 | 8 | 60 | |
| YGLX0520-1075-2T-B5.0R2.5 | | | | 5.0 | 8.50 | 10 | 75 | |
| YGLX0520-1075-2T-B7.0R2.5 | | | | 7.0 | 9.91 | 10 | 75 | |
| YGLX0520-1275-2T-B10.0R2.5 | | | | 10.0 | 12.05 | 12 | 75 | |
| YGLX0620-0860-2T-B1.0R3.0 | 6.0 | 3.0 | 20 | 1.0 | 6.70 | 8 | 60 | 2 |
| YGLX0620-0860-2T-B2.0R3.0 | | | | 2.0 | 7.40 | 8 | 60 | |
| YGLX0620-0875-2T-B3.0R3.0 | | | | 3.0 | 8.10 | 8 | 75 | |
| YGLX0620-1075-2T-B5.0R3.0 | | | | 5.0 | 9.50 | 10 | 75 | |
| YGLX0620-1275-2T-B7.0R3.0 | | | | 7.0 | 10.91 | 12 | 75 | |
| YGLX0620-1275-2T-B10.0R3.0 | | | | 10.0 | 13.05 | 12 | 75 | |
| YGLX0825-1075-2/4T-B1.0R4.0 | 8.0 | 4.0 | 25 | 1.0 | 8.87 | 10 | 75 | 2/4 |
| YGLX0825-1075-2/4T-B2.0R4.0 | | | | 2.0 | 9.74 | 10 | 75 | |
| YGLX0825-1075-2/4T-B3.0R4.0 | | | | 3.0 | 10.62 | 10 | 75 | |
| YGLX0825-1275-2/4T-B5.0R4.0 | | | | 5.0 | 12.37 | 12 | 75 | |
| YGLX0825-1275-2/4T-B7.0R4.0 | | | | 7.0 | 14.14 | 12 | 75 | |
| YGLX0825-16100-2/4T-B10.0R4.0 | | | | 10.0 | 16.82 | 16 | 100 | |
| YGLX1035-12100-2/4T-B1.0R5.0 | 10.0 | 5.0 | 35 | 1.0 | 11.22 | 12 | 100 | 2/4 |
| YGLX1035-12100-2/4T-B2.0R5.0 | | | | 2.0 | 12.44 | 12 | 100 | |
| YGLX1035-12100-2/4T-B3.0R5.0 | | | | 3.0 | 13.67 | 12 | 100 | |
| YGLX1035-16100-T-B5.0R5.0 | | | | 5.0 | 16.12 | 16 | 100 | |
| YGLX1035-16100-T-B7.0R5.0 | | | | 7.0 | 18.60 | 16 | 100 | |
| YGLX1035-20100-T-B10.0R5.0 | | | | 10.0 | 22.34 | 20 | 100 | |

整体硬质合金大进给铣刀系列







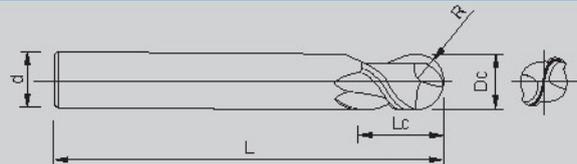



| 刃径 | 公差 |
|-----------------|-----------|
| $\Phi < 1$ | -0--0.015 |
| $1 < \Phi < 3$ | -0--0.02 |
| $3 < \Phi < 12$ | -0--0.025 |
| $12 < \Phi$ | -0--0.03 |

| 型号 | 刃径Dc | 刃长Lc | 总长L | 柄径d | 刃数 |
|---------------------|------|------|-----|-----|----|
| YGHX0615-0650-3T-R | 6 | 15 | 50 | 6 | 3 |
| YGHX0820-0860-3T-R | 8 | 20 | 60 | 8 | 3 |
| YGHX1025-1075-3T-R | 10 | 25 | 75 | 10 | 3 |
| YGHX1230-1275-3T-R | 12 | 30 | 75 | 12 | 3 |
| YGHX1645-16100-3T-R | 16 | 45 | 100 | 16 | 3 |

整体硬质合金铝用球刀系列





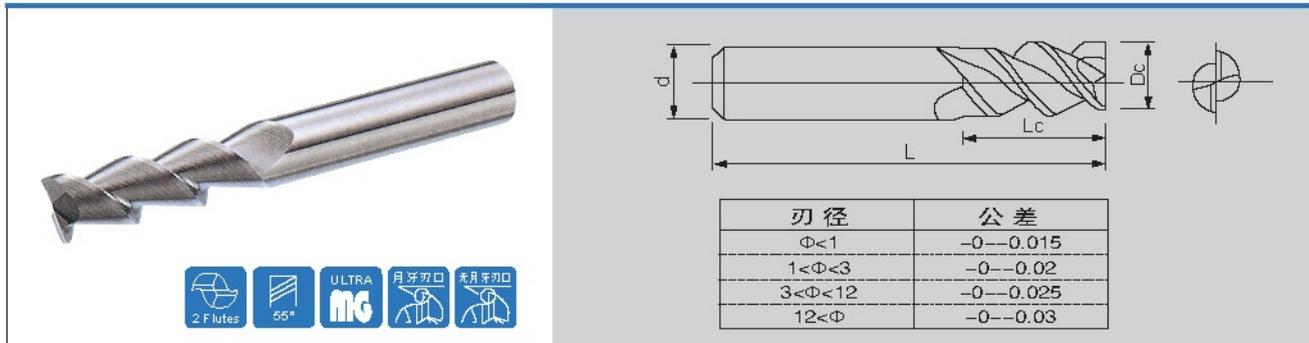




| R径 | 公差 |
|----|-------|
| R径 | ±0.02 |

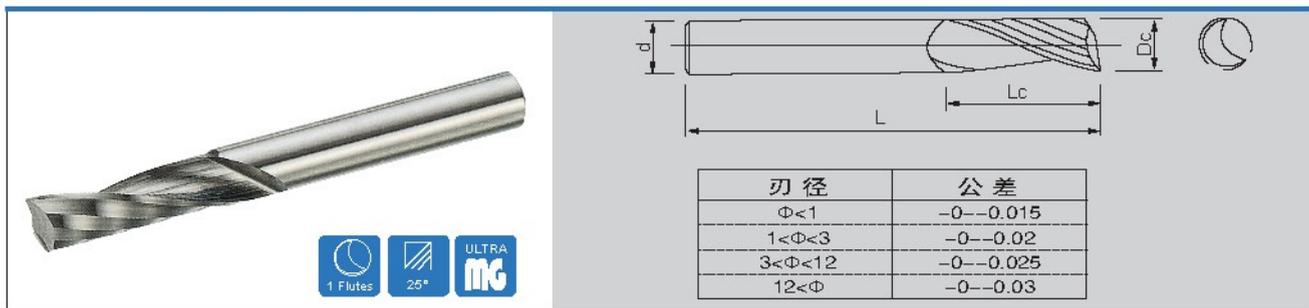
| 型号 | 刃径Dc | R径 | 刃长Lc | 总长L | 柄径d | 刃数 |
|--------------------|------|------|------|-----|-----|----|
| YLQX0102-0450-T-R | 1 | 0.5 | 2 | 50 | 4 | 2 |
| YLQX0153-0450-T-R | 1.5 | 0.75 | 3 | 50 | 4 | 2 |
| YLQX0204-0450-T-R | 2 | 1 | 4 | 50 | 4 | 2 |
| YLQX0255-0450-T-R | 2.5 | 1.25 | 5 | 50 | 4 | 2 |
| YLQX0306-0450-T-R | 3 | 1.5 | 6 | 50 | 4 | 2 |
| YLQX0357-0450-T-R | 3.5 | 1.75 | 7 | 50 | 4 | 2 |
| YLQX0408-0450-T-R | 4 | 2 | 8 | 50 | 4 | 2 |
| YLQX0459-0650-T-R | 4.5 | 2.25 | 9 | 50 | 6 | 2 |
| YLQX0510-0650-T-R | 5 | 2.5 | 10 | 50 | 6 | 2 |
| YLQX05511-0650-T-R | 5.5 | 2.75 | 11 | 50 | 6 | 2 |
| YLQX0612-0650-T-R | 6 | 3 | 12 | 50 | 6 | 2 |
| YLQX0816-0860-T-R | 8 | 4 | 16 | 60 | 8 | 2 |
| YLQX1020-1075-T-R | 10 | 5 | 20 | 75 | 10 | 2 |
| YLQX1224-1275-T-R | 12 | 6 | 24 | 75 | 12 | 2 |
| YLQX1428-16100-T-R | 14 | 7 | 28 | 100 | 16 | 2 |
| YLQX1632-16100-T-R | 16 | 8 | 32 | 100 | 16 | 2 |
| YLQX2040-20100-T-R | 20 | 10 | 40 | 100 | 20 | 2 |

整体硬质合金镜面铝用刀系列



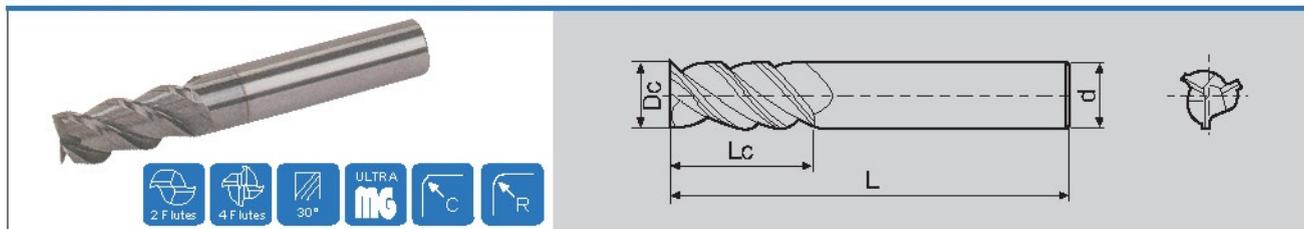
| 型号 | 刃径 Dc | 刃长 Lc | 总长 L | 柄径 d | 刃数 |
|------------------|-------|-------|------|------|-------|
| YLLX0103-0450-T | 1 | 3 | 50 | 4 | 2/3/4 |
| YLLX0205-0450-T | 2 | 5 | 50 | 4 | 2/3/4 |
| YLLX0308-0450-T | 3 | 8 | 50 | 4 | 2/3/4 |
| YLLX0412-0450-T | 4 | 12 | 50 | 4 | 2/3/4 |
| YLLX0103-0650-T | 1 | 3 | 50 | 6 | 2/3/4 |
| YLLX0205-0650-T | 2 | 5 | 50 | 6 | 2/3/4 |
| YLLX0308-0650-T | 3 | 8 | 50 | 6 | 2/3/4 |
| YLLX0412-0650-T | 4 | 12 | 50 | 6 | 2/3/4 |
| YLLX0513-0650-T | 5 | 13 | 50 | 6 | 2/3/4 |
| YLLX0616-0650-T | 6 | 16 | 50 | 6 | 2/3/4 |
| YLLX0820-0860-T | 8 | 20 | 60 | 8 | 2/3/4 |
| YLLX1030-1075-T | 10 | 30 | 75 | 10 | 2/3/4 |
| YLLX1232-1275-T | 12 | 32 | 75 | 12 | 2/3/4 |
| YLLX1650-16100-T | 16 | 50 | 100 | 16 | 2/3/4 |
| YLLX2050-20100-T | 20 | 50 | 100 | 20 | 2/3/4 |

整体硬质合金铝用雕铣刀系列



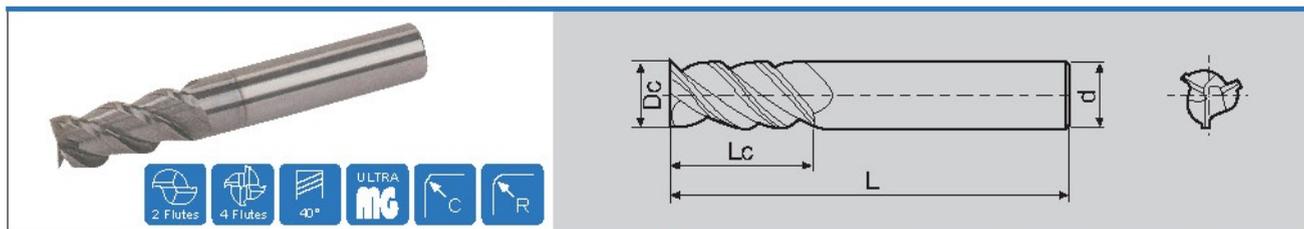
| 型号 | 刃径 Dc | 刃长 Lc | 总长 L | 柄径 d | 刃数 |
|-----------------|-------|-------|------|------|----|
| YLDX0308-0650-T | 3 | 8 | 50 | 6 | 1 |
| YLDX0412-0650-T | 4 | 12 | 50 | 6 | 1 |
| YLDX0515-0650-T | 5 | 15 | 50 | 6 | 1 |
| YLDX0616-0650-T | 6 | 16 | 50 | 6 | 1 |
| YLDX0525-0675-T | 5 | 25 | 75 | 6 | 1 |
| YLDX0625-0675-T | 6 | 25 | 75 | 6 | 1 |
| YLDX0820-0875-T | 8 | 20 | 75 | 8 | 1 |
| YLDX0830-0875-T | 8 | 30 | 75 | 8 | 1 |
| YLDX1030-1075-T | 10 | 30 | 75 | 10 | 1 |
| YLDX1040-1090-T | 10 | 40 | 90 | 10 | 1 |
| YLDX1230-1275-T | 12 | 30 | 75 | 12 | 1 |
| YLDX1240-1290-T | 12 | 40 | 90 | 12 | 1 |

整体硬质合金不锈钢铣刀系列



| 型号 | 刃径Dc | 刃长Lc | 总长L | 柄径d | 型号 | 刃径Dc | 刃长Lc | 总长L | 柄径d |
|------------------|------|------|-----|-----|-------------------|------|------|-----|-----|
| YBLX0206-0447-T | 2 | 6 | 47 | 4 | YBLX09022-1062-T | 9 | 22 | 62 | 10 |
| YBLX0258-0447-T | 2.5 | 8 | 47 | 4 | YBLX10022-1062-T | 10 | 22 | 62 | 10 |
| YBLX03010-0447-T | 3 | 10 | 47 | 4 | YBLX12026-1266-T | 12 | 26 | 66 | 12 |
| YBLX04012-0647-T | 4 | 12 | 47 | 6 | YBLX14032-1482-T | 14 | 32 | 82 | 14 |
| YBLX05015-0652-T | 5 | 15 | 52 | 6 | YBLX16032-1682-T | 16 | 32 | 82 | 16 |
| YBLX06015-0652-T | 6 | 15 | 52 | 6 | YBLX18038-18102-T | 18 | 38 | 102 | 18 |
| YBLX07018-0855-T | 7 | 18 | 55 | 8 | YBLX20038-20102-T | 20 | 38 | 102 | 20 |
| YBLX08018-0855-T | 8 | 18 | 55 | 8 | | | | | |

整体硬质合金钛合金铣刀系列



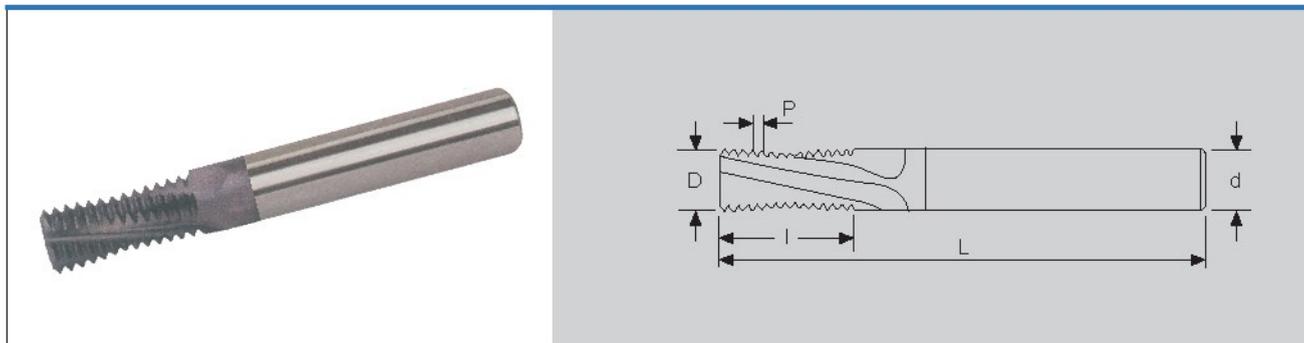
| 型号 | 刃径Dc | 刃长Lc | 总长L | 柄径d | 型号 | 刃径Dc | 刃长Lc | 总长L | 柄径d |
|------------------|------|------|-----|-----|-------------------|------|------|-----|-----|
| YTLX0206-0447-T | 2 | 6 | 47 | 4 | YTLX09022-1062-T | 9 | 22 | 62 | 10 |
| YTLX0258-0447-T | 2.5 | 8 | 47 | 4 | YTLX10022-1062-T | 10 | 22 | 62 | 10 |
| YTLX03010-0447-T | 3 | 10 | 47 | 4 | YTLX12026-1266-T | 12 | 26 | 66 | 12 |
| YTLX04012-0647-T | 4 | 12 | 47 | 6 | YTLX14032-1482-T | 14 | 32 | 82 | 14 |
| YTLX05015-0652-T | 5 | 15 | 52 | 6 | YTLX16032-1682-T | 16 | 32 | 82 | 16 |
| YTLX06015-0652-T | 6 | 15 | 52 | 6 | YTLX18038-18102-T | 18 | 38 | 102 | 18 |
| YTLX07018-0855-T | 7 | 18 | 55 | 8 | YTLX20038-20102-T | 20 | 38 | 102 | 20 |
| YTLX08018-0855-T | 8 | 18 | 55 | 8 | | | | | |

整体硬质合金锯片铣刀系列



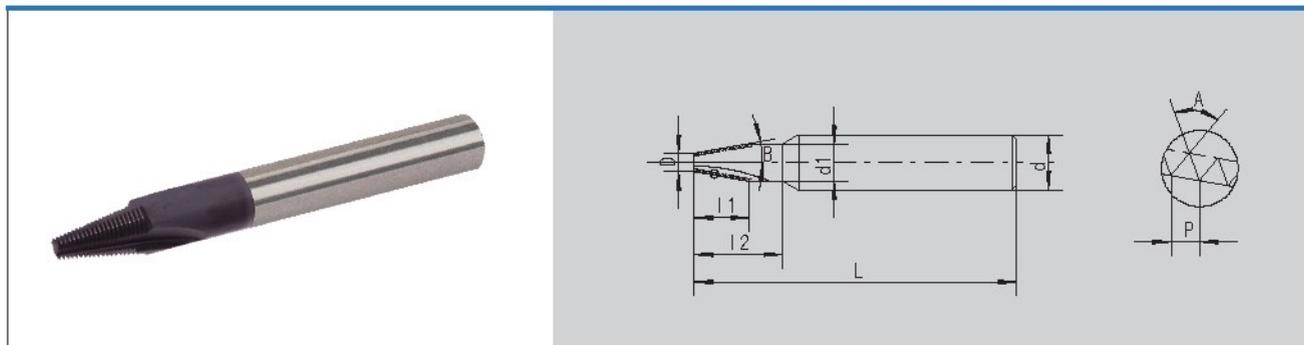
| 型号 | 基本尺寸(mm) | | | 型号 | 基本尺寸(mm) | | |
|-------------|----------|--------|----------|--------------|----------|------------|---------|
| | D | d | b | | D | d | b |
| YGPX-1200-T | 12 | 6 | 0.15-4.5 | YGPX-6000-T | 60 | 16/20 | 0.3-5.0 |
| YGPX-1600-T | 16 | 8 | 0.15-4.5 | YGPX-6300-T | 63 | 16/20 | 0.3-5.0 |
| YGPX-2000-T | 20 | 8 | 0.15-4.5 | YGPX-7000-T | 70 | 12.7/25.4 | 0.3-5.0 |
| YGPX-2500-T | 25 | 8 | 0.2-4.5 | YGPX-7500-T | 75 | 12.7/25.4 | 0.4-5.0 |
| YGPX-2700-T | 27 | 8/12.7 | 0.2-4.5 | YGPX-8000-T | 80 | 25.4/31.75 | 0.4-5.0 |
| YGPX-3000-T | 30 | 8/12.7 | 0.2-4.5 | YGPX-8500-T | 85 | 25.4/31.75 | 0.4-5.0 |
| YGPX-3200-T | 32 | 8/12.7 | 0.2-4.5 | YGPX-9000-T | 90 | 25.4/31.75 | 0.5-5.0 |
| YGPX-4000-T | 40 | 12.7 | 0.3-4.5 | YGPX-9500-T | 95 | 25.4/31.75 | 0.5-5.0 |
| YGPX-4500-T | 45 | 12.7 | 0.3-4.5 | YGPX-10000-T | 100 | 25.4/31.75 | 0.5-5.0 |
| YGPX-5000-T | 50 | 12.7 | 0.3-4.5 | YGPX-10500-T | 105 | 25.4/31.75 | 0.5-5.0 |
| YGPX-5500-T | 55 | 16 | 0.3-4.5 | | | | |

整体硬质合金螺纹铣刀系列



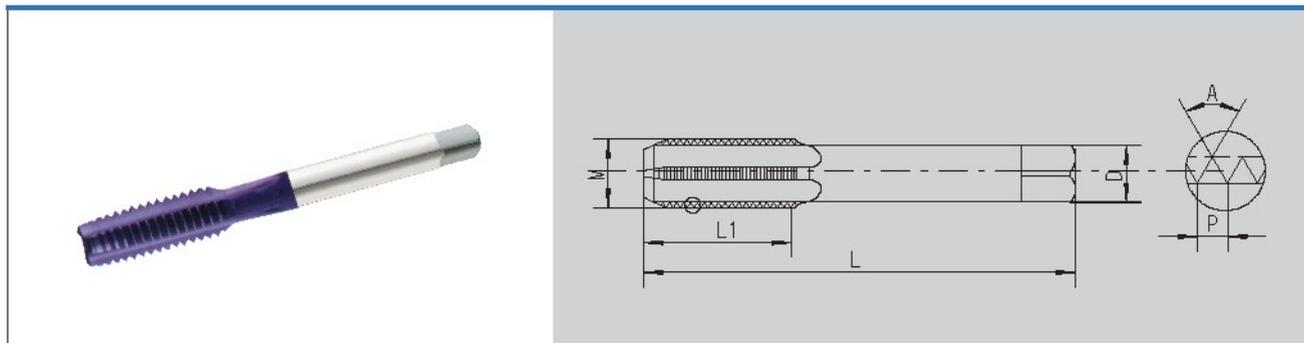
| 型号 | P牙距 mm | 标准 规格 | 非标 规格 | d | D | 容屑槽数量 | I | L |
|---------------------|-----------|----------|----------------|----|------|-------|------|-----|
| YGWX-022053-0658-T | 0.5 | M3 | $\Phi \geq 4$ | 6 | 2.2 | 3 | 5.3 | 58 |
| YGWX-038103-0658-T | 0.5 | | $\Phi \geq 5$ | 6 | 3.8 | 3 | 10.3 | 58 |
| YGWX-031074-0658-T | 0.7 | M4 | $\Phi \geq 5$ | 6 | 3.1 | 3 | 7.4 | 58 |
| YGWX-045101-0658-T | 0.75 | | $\Phi \geq 6$ | 6 | 4.5 | 3 | 10.1 | 58 |
| YGWX-036092-0658-T | 0.8 | M5 | $\Phi \geq 6$ | 6 | 3.6 | 3 | 9.2 | 58 |
| YGWX-040105-0658-T | 1.0 | M6 | $\Phi \geq 7$ | 6 | 4.0 | 3 | 10.5 | 58 |
| YGWX-040145-0658-T | 1.0 | M6 | $\Phi \geq 7$ | 6 | 4.0 | 3 | 14.5 | 58 |
| YGWX-060125-0658-T | 1.0 | | $\Phi \geq 9$ | 6 | 6.0 | 3 | 12.5 | 58 |
| YGWX-080165-0864-T | 1.0 | | $\Phi \geq 10$ | 8 | 8.0 | 4 | 16.5 | 64 |
| YGWX-050144-0658-T | 1.25 | M8 | $\Phi \geq 10$ | 6 | 5.0 | 3 | 14.4 | 58 |
| YGWX-050194-0658-T | 1.25 | M8 | $\Phi \geq 10$ | 6 | 5.0 | 3 | 19.4 | 58 |
| YGWX-070173-0864-T | 1.5 | M10 | $\Phi \geq 12$ | 8 | 7.0 | 3 | 17.3 | 64 |
| YGWX-070248-0876-T | 1.5 | M10 | $\Phi \geq 12$ | 8 | 7.0 | 3 | 24.8 | 76 |
| YGWX-100218-1073-T | 1.5 | | $\Phi \geq 14$ | 10 | 10.0 | 4 | 21.8 | 73 |
| YGWX-160338-16105-T | 1.5 | | $\Phi \geq 20$ | 16 | 16.0 | 6 | 33.8 | 105 |
| YGWX-080201-0864-T | 1.75 | M12 | $\Phi \geq 14$ | 8 | 8.0 | 3 | 20.1 | 64 |
| YGWX-080289-0876-T | 1.75 | M12 | $\Phi \geq 14$ | 8 | 8.0 | 3 | 28.9 | 76 |
| YGWX-100270-1073-T | 2.0 | M16 | $\Phi \geq 17$ | 10 | 10.0 | 3 | 27.0 | 73 |
| YGWX-100390-10105-T | 2.0 | M16 | $\Phi \geq 17$ | 10 | 10.0 | 3 | 39.0 | 105 |
| YGWX-120270-1284-T | 2.0 | | $\Phi \geq 18$ | 12 | 12.0 | 4 | 27.0 | 84 |
| YGWX-200410-20105-T | 2.0 | | $\Phi \geq 26$ | 20 | 20.0 | 6 | 41.0 | 105 |
| YGWX-140338-1484-T | 2.5 | M20 | $\Phi \geq 22$ | 14 | 14.0 | 4 | 33.8 | 84 |
| YGWX-140488-14105-T | 2.5 | M20 | $\Phi \geq 22$ | 14 | 14.0 | 4 | 48.8 | 105 |
| YGWX-160405-16105-T | 3.0 | M24 | $\Phi \geq 25$ | 16 | 16.0 | 3 | 40.5 | 105 |
| YGWX-160585-16120-T | 3.0 | M24 | $\Phi \geq 25$ | 16 | 16.0 | 3 | 58.5 | 120 |
| YGWX-200435-20105-T | 3.0 | M27 | $\Phi \geq 28$ | 20 | 20.0 | 4 | 43.5 | 105 |

整体硬质合金锥度螺纹铣刀系列



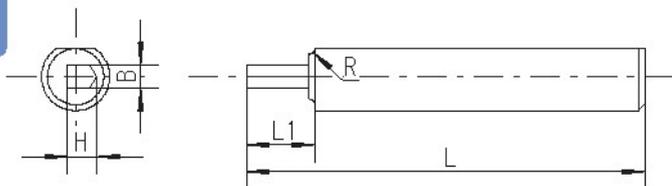
| 型号 | P | D | L1 | B | d1 | L2 | d | L | A |
|---------------------------|------|-----|-----|-----|-----|----|---|----|-----|
| YGWX01057-0650-B10°X0.35 | 0.35 | 1 | 5.7 | 10° | 3 | 9 | 6 | 50 | 60° |
| YGWX02063-0650-B10°X0.3 | 0.3 | 2 | 6.3 | 10° | 4.2 | 11 | 6 | 50 | 60° |
| YGWX02072-0650-B10°X0.4 | 0.4 | 2 | 7.2 | 10° | 4.5 | 17 | 6 | 50 | 60° |
| YGWX02086-0650-B10°X0.5 | 0.5 | 2 | 8.6 | 10° | 5 | 20 | 6 | 50 | 60° |
| YGWX03311-0650-B7°X0.75 | 0.75 | 3.3 | 11 | 7° | 6 | - | 6 | 50 | 60° |
| YGWX020011-0655-B10°X0.35 | 0.35 | 2 | 11 | 10° | 6 | - | 6 | 55 | 55° |
| YGWX03014-0660-B10°X0.4 | 0.4 | 3 | 14 | 10° | 8 | - | 8 | 60 | 60° |
| YGWX03512-0660-B10°X0.5 | 0.5 | 3.5 | 12 | 10° | 8 | - | 8 | 60 | 60° |
| YGWX04011-0660-B10°X0.5 | 0.5 | 4 | 11 | 10° | 8 | - | 8 | 60 | 60° |

整体硬质合金丝锥系列



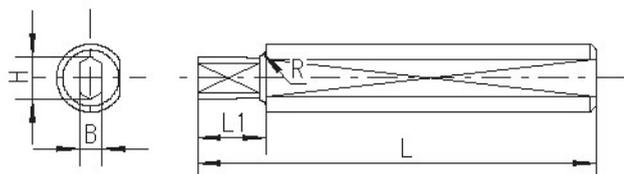
| 型号 | 螺纹(M) | 螺距(P) | L | L1 | D | z |
|--------|-------|-------|-----|----|------|---|
| YGSZ03 | M3 | 0.5 | 48 | 11 | 2.24 | 3 |
| YGSZ04 | M4 | 0.7 | 53 | 13 | 3.15 | 3 |
| YGSZ05 | M5 | 0.8 | 58 | 16 | 4 | 3 |
| YGSZ06 | M6 | 1 | 66 | 19 | 4.5 | 3 |
| YGSZ08 | M8 | 1.25 | 72 | 22 | 6.3 | 3 |
| YGSZ10 | M10 | 1.5 | 80 | 24 | 8 | 3 |
| YGSZ12 | M12 | 1.75 | 89 | 29 | 9 | 3 |
| YGSZ14 | M14 | 2 | 95 | 30 | 11.2 | 3 |
| YGSZ16 | M16 | 2 | 102 | 32 | 12.5 | 3 |
| YGSZ18 | M18 | 2.5 | 112 | 37 | 14 | 3 |
| YGSZ20 | M20 | 2.5 | 112 | 37 | 14 | 3 |

整体硬质合金单角插刀系列



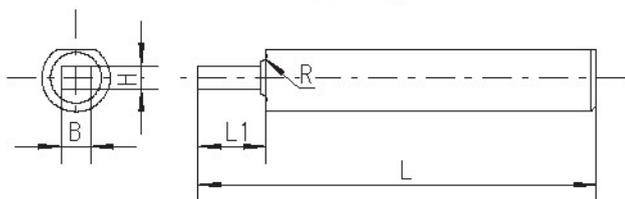
| 型号 | H | B | L1 | D | L |
|---------|-----|-----|-----|----|----|
| YGCD2.0 | 1.5 | 1.3 | 5.5 | Φ6 | 41 |
| YGCD2.5 | 2.0 | 1.5 | 5.5 | Φ6 | 41 |
| YGCD3.0 | 2.3 | 2.0 | 5.5 | Φ6 | 41 |
| YGCD3.5 | 2.7 | 2.3 | 5.5 | Φ6 | 41 |
| YGCD4.0 | 3.1 | 2.7 | 5.5 | Φ6 | 41 |
| YGCD4.5 | 3.5 | 3.0 | 5.5 | Φ6 | 41 |
| YGCD4.8 | 3.4 | 3.2 | 5.5 | Φ6 | 41 |

整体硬质合金双角插刀系列



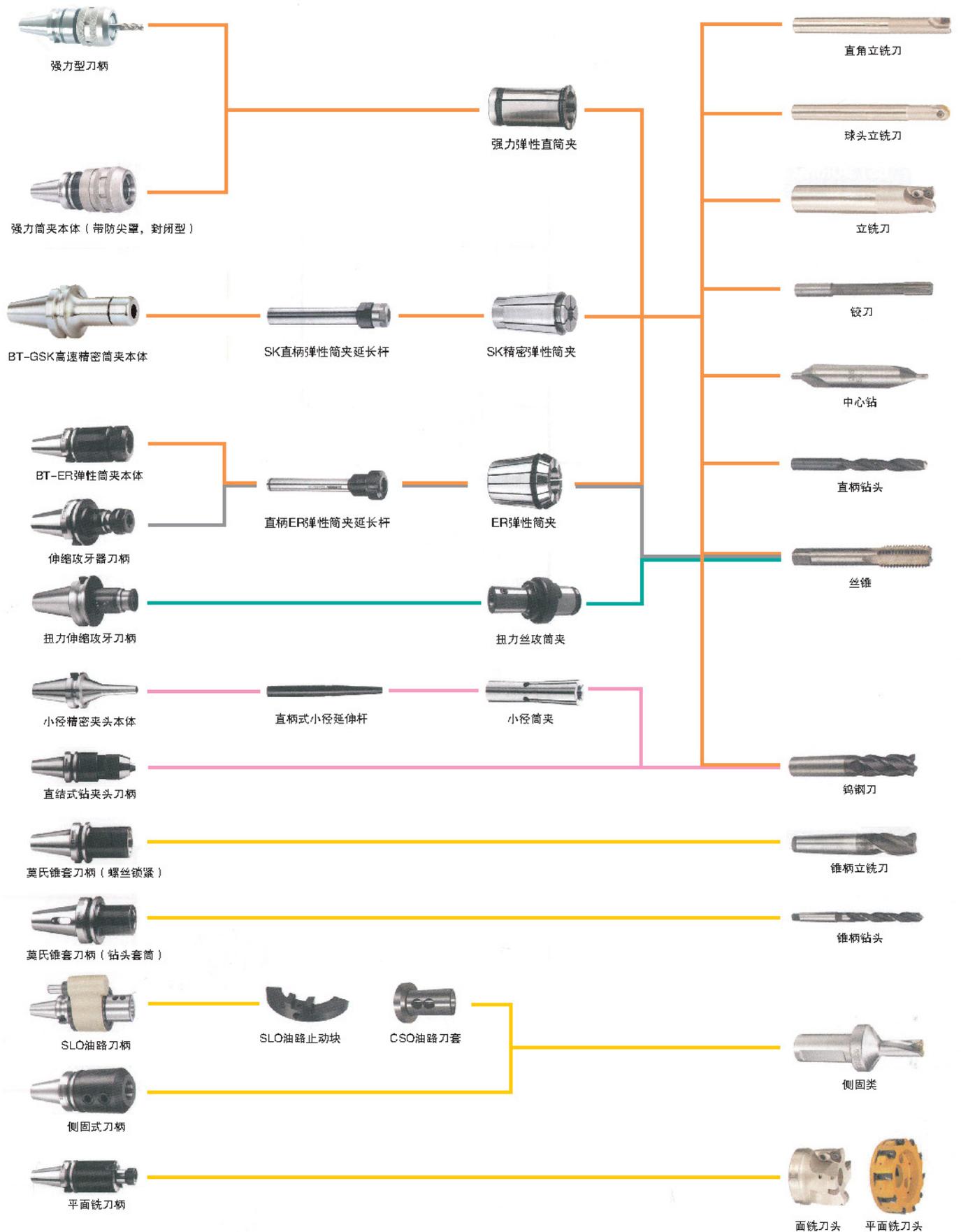
| 型号 | H | B | L1 | D | L |
|---------|-----|-----|-----|----|----|
| YGSD2.0 | 2.0 | 1.3 | 4.5 | Φ6 | 42 |
| YGSD2.5 | 2.5 | 1.5 | 4.5 | Φ6 | 42 |
| YGSD3.0 | 3.0 | 2.0 | 4.5 | Φ6 | 42 |
| YGSD3.5 | 3.5 | 2.3 | 4.5 | Φ6 | 42 |
| YGSD4.0 | 4.0 | 2.7 | 4.5 | Φ6 | 42 |
| YGSD4.5 | 4.5 | 3.0 | 4.5 | Φ6 | 42 |
| YGSD4.8 | 4.8 | 3.2 | 4.5 | Φ6 | 42 |

整体硬质合金精加工冲头系列

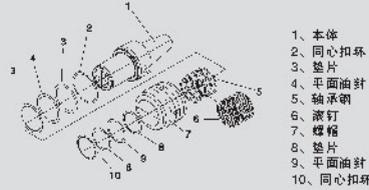


| 型号 | H | B | L1 | D | L |
|---------|------|------|----|----|----|
| YGJD2.0 | 1.28 | 2.04 | 5 | Φ6 | 41 |
| YGJD2.5 | 1.57 | 2.54 | 5 | Φ6 | 41 |
| YGJD3.0 | 1.86 | 3.05 | 5 | Φ6 | 41 |
| YGJD3.5 | 2.14 | 3.54 | 5 | Φ6 | 41 |
| YGJD4.0 | 2.44 | 4.05 | 5 | Φ6 | 41 |
| YGJD4.5 | 2.73 | 4.56 | 5 | Φ6 | 41 |
| YGJD4.8 | 2.90 | 4.87 | 5 | Φ6 | 41 |

工具系统配置图



强力型刀柄

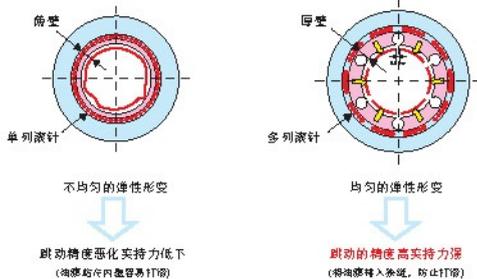


- 1、本体
- 2、同心扣环
- 3、垫片
- 4、平面油封
- 5、轴承套
- 6、滚钉
- 7、螺帽
- 8、垫片
- 9、平面油封
- 10、同心扣环

采用直型筒夹，精度高。

| 型号 | | 基本尺寸(mm) | | | | | |
|------|-----------|----------|-----|-----|-----|----|----|
| | | L | L2 | L1 | D | d1 | d2 |
| BT30 | MLC20-75 | 123.4 | 75 | 70 | 46 | 20 | 55 |
| | MLC20-90 | 138.4 | 90 | 70 | 46 | 20 | 55 |
| BT40 | MLC20-80 | 145.4 | 80 | 70 | 63 | 20 | 55 |
| | MLC20-100 | 165.4 | 100 | 70 | 63 | 20 | 55 |
| | MLC20-135 | 200.4 | 135 | 70 | 63 | 20 | 55 |
| | MLC32-90 | 155.4 | 90 | 75 | 63 | 32 | 73 |
| BT50 | MLC32-105 | 170.4 | 105 | 75 | 63 | 32 | 73 |
| | MLC32-135 | 200.4 | 135 | 75 | 63 | 32 | 73 |
| | MLC20-105 | 206.8 | 105 | 70 | 100 | 20 | 55 |
| | MLC20-150 | 251.8 | 150 | 70 | 100 | 20 | 55 |
| | MLC32-110 | 211.8 | 115 | 75 | 100 | 32 | 73 |
| | MLC32-135 | 236.8 | 135 | 75 | 100 | 32 | 73 |
| | MLC32-165 | 266.8 | 165 | 75 | 100 | 32 | 73 |
| | MLC32-200 | 301.8 | 200 | 90 | 100 | 42 | 95 |
| | MLC42-110 | 211.8 | 110 | 125 | 100 | 32 | 73 |
| | MLC42-130 | 236.8 | 135 | 90 | 100 | 42 | 95 |
| | MLC42-165 | 266.8 | 165 | 90 | 100 | 42 | 95 |

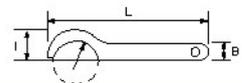
支持高精度的加厚设计及独特的夹缝结构



- 1、刀柄内孔分割6槽以防止滑动，并加大夹持力。
- 2、采用两线装置为使当滑动至锥面时滚动摩擦及脱落减至最小。
- 3、刀具置入筒夹需超出筒夹有效夹持长度，以便面因非完全夹持，导致筒夹损坏、变形或脱刀情形发生。

夹持部加厚设计，提高耐性，防止振动。
夹持力强，跳动精度高。

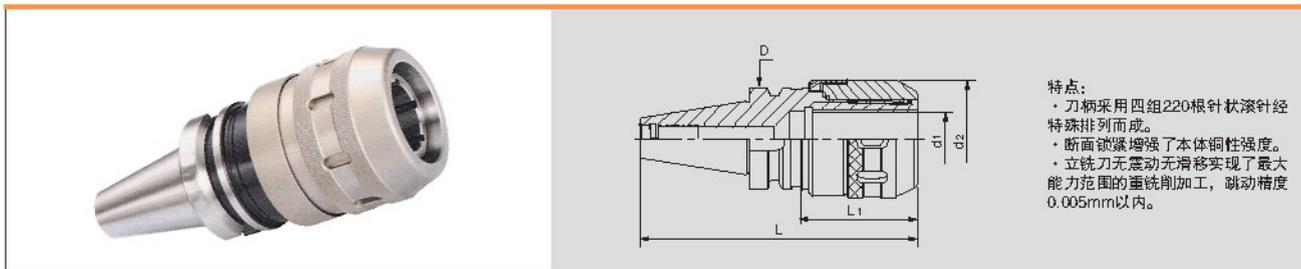
C型扳手



夹头的加厚设计，可以增加耐性，以承受立铣刀的重切削。而采用独特的夹缝结构，可以使夹持部分均匀变形，以获得强大的夹持力及稳定的跳动精度。

| 型号 | 使用范围 | 基本尺寸(mm) | | | |
|--------|-------|----------|----|-------|----|
| | | L | B | C | I |
| C20-BS | 50-55 | 260 | 46 | 50-55 | 52 |
| C32-BS | 80-90 | 272 | 64 | 80-90 | 67 |
| C42-BS | 92-98 | 285 | 65 | 92-98 | 90 |

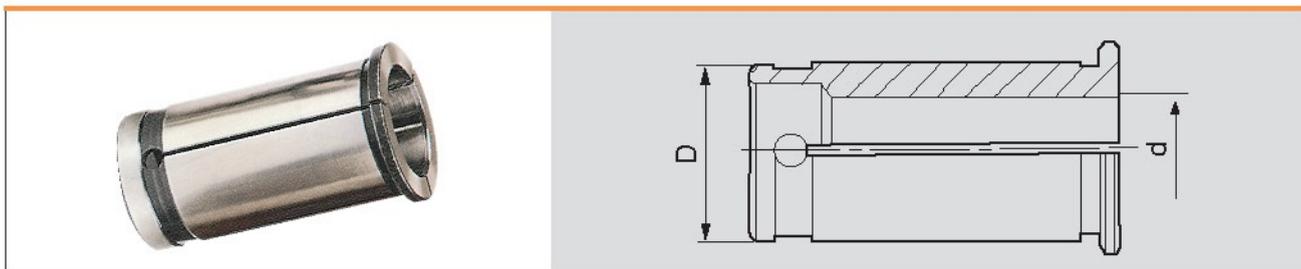
强力筒夹本体 (带防尖罩, 封闭型)



特点:
 · 刀柄采用四组220根针状滚针经特殊排列而成。
 · 断面锁紧增强了本体刚性强度。
 · 立铣刀无震动无滑移实现了最大能力范围的重铣削加工, 跳动精度0.005mm以内。

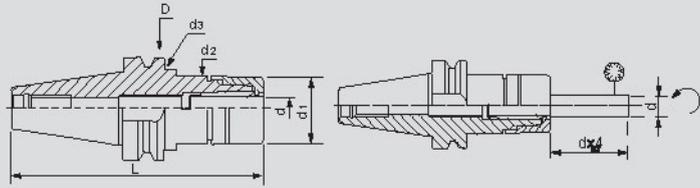
| 型号 | | 基本尺寸(mm) | | | | | 重量 |
|------|-----------|----------|----|-------|-----|-------|-----|
| | | D | d1 | d2 | L1 | L | |
| BT30 | MLC20-75 | 46 | 20 | 53 | 75 | 123.4 | 1.8 |
| | MLC20-100 | 46 | 20 | 53 | 100 | 148.4 | 2.2 |
| BT40 | MLC20-80 | 63 | 20 | 53 | 80 | 145.4 | 2.4 |
| | MLC20-100 | 63 | 20 | 53 | 100 | 165.4 | 2.5 |
| | MLC20-135 | 63 | 20 | 53 | 135 | 200.4 | 2.8 |
| | MLC32-105 | 63 | 32 | 69-72 | 105 | 170.4 | 2.8 |
| BT50 | MLC32-135 | 63 | 32 | 69-72 | 135 | 200.4 | 3.0 |
| | MLC20-105 | 100 | 20 | 53 | 105 | 206.8 | 4.5 |
| | MLC20-150 | 100 | 20 | 53 | 150 | 251.8 | 4.9 |
| | MLC32-110 | 100 | 32 | 69-72 | 110 | 211.8 | 5.2 |
| | MLC32-135 | 100 | 32 | 69-72 | 135 | 236.8 | 5.9 |
| | MLC32-165 | 100 | 32 | 69-72 | 165 | 266.8 | 6.6 |
| | MLC42-115 | 100 | 42 | 95 | 115 | 211.8 | 6.0 |
| | MLC42-135 | 100 | 42 | 95 | 135 | 236.8 | 6.5 |
| | MLC42-165 | 100 | 42 | 95 | 165 | 266.8 | 7.4 |

强力弹性直筒夹



| 型号 | 基本尺寸(mm) | | |
|---------|----------|--------------------------------|----|
| | D | d | L |
| QJ20-09 | 20 | 4, 5, 6, 8, 10, 12, 14, 16, 20 | 50 |
| QJ32-09 | 32 | 6, 8, 10, 12, 16, 20, 25 | 65 |
| QJ42-09 | 42 | 6, 8, 10, 12, 16, 20, 25, 32 | 80 |

BT-GSK高速精密筒夹本体



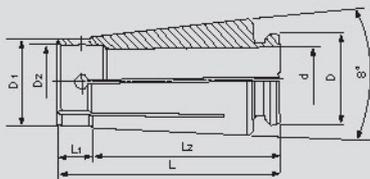
| 型号 | 夹持范围 | 基本尺寸(mm) | | | | | 适用螺帽 | 重量 | |
|------|-----------|-----------|-----|------|------|------|--------|-------|------|
| | | D | d1 | d2 | d3 | L | | | |
| BT30 | GSK6-70 | 0.7-6.0 | 46 | 19.5 | 20.5 | 20.5 | 117.8 | GSK6 | 0.9 |
| | GSK6-100 | 0.7-6.0 | 46 | 19.5 | 20.5 | 32 | 147.8 | GSK6 | 0.95 |
| | GSK10-70 | 1.75-10.0 | 46 | 27.5 | 29 | 29 | 117.8 | GSK10 | 0.95 |
| | GSK10-100 | 1.75-10.0 | 46 | 27.5 | 29 | 29 | 147.8 | GSK10 | 1.0 |
| | GSK16-100 | 2.75-16.0 | 46 | 40 | 41.9 | 41.9 | 147.8 | GSK16 | 1.0 |
| | GSK16-120 | 2.75-16.0 | 46 | 40 | 41.9 | 41.9 | 167.8 | GSK16 | 1.1 |
| | GSK16-150 | 2.75-16.0 | 46 | 40 | 41.9 | 41.9 | 197.8 | GSK16 | 1.2 |
| | GSK25-100 | 16.0-25.4 | 46 | 55 | 56.1 | 56.1 | 147.8 | GSK25 | 1.1 |
| BT40 | GSK6-70 | 0.7-6.0 | 63 | 19.5 | 20.5 | 20.5 | 138.4 | GSK6 | 1.1 |
| | GSK6-100 | 0.7-6.0 | 63 | 19.5 | 20.5 | 32 | 168.4 | GSK6 | 1.2 |
| | GSK6-120 | 0.7-6.0 | 63 | 19.5 | 20.5 | 32 | 188.4 | GSK6 | 1.4 |
| | GSK10-70 | 1.75-10.0 | 63 | 27.5 | 29 | 29 | 138.4 | GSK10 | 1.5 |
| | GSK10-100 | 1.75-10.0 | 63 | 27.5 | 29 | 40 | 168.4 | GSK10 | 1.6 |
| | GSK10-120 | 1.75-10.0 | 63 | 27.5 | 29 | 40 | 188.4 | GSK10 | 1.7 |
| | GSK10-150 | 1.75-10.0 | 63 | 27.5 | 29 | 40 | 218.4 | GSK10 | 1.8 |
| | GSK16-70 | 2.75-16.0 | 63 | 40 | 41.9 | 41.9 | 138.4 | GSK16 | 1.6 |
| | GSK16-100 | 2.75-16.0 | 63 | 40 | 41.9 | 41.9 | 168.4 | GSK16 | 1.7 |
| | GSK16-120 | 2.75-16.0 | 63 | 40 | 41.9 | 41.9 | 188.4 | GSK16 | 1.8 |
| | GSK16-150 | 2.75-16.0 | 63 | 40 | 41.9 | 41.9 | 218.4 | GSK16 | 1.9 |
| | GSK25-100 | 16.0-25.4 | 63 | 55 | 56.1 | 56.1 | 168.4 | GSK25 | 1.7 |
| BT50 | GSK25-120 | 16.0-25.4 | 63 | 55 | 56.1 | 56.1 | 188.4 | GSK25 | 1.8 |
| | GSK10-100 | 1.75-10.0 | 100 | 27.5 | 29 | 29 | 201.75 | GSK10 | 4.0 |
| | GSK10-120 | 1.75-10.0 | 100 | 27.5 | 29 | 32 | 221.75 | GSK10 | 4.2 |
| | GSK10-150 | 1.75-10.0 | 100 | 27.5 | 29 | 32 | 251.75 | GSK10 | 4.5 |
| | GSK16-100 | 2.75-16.0 | 100 | 40 | 41.9 | 41.9 | 201.75 | GSK16 | 4.3 |
| | GSK16-120 | 2.75-16.0 | 100 | 40 | 41.9 | 41.9 | 221.75 | GSK16 | 4.5 |
| | GSK16-150 | 2.75-16.0 | 100 | 40 | 41.9 | 50 | 251.75 | GSK16 | 4.7 |
| | GSK16-200 | 2.75-16.0 | 100 | 40 | 41.9 | 52 | 301.75 | GSK16 | 5.1 |
| | GSK25-100 | 16.0-25.4 | 100 | 55 | 56.1 | 56.1 | 201.75 | GSK25 | 4.3 |
| | GSK25-120 | 16.0-25.4 | 100 | 55 | 56.1 | 56.1 | 221.75 | GSK25 | 4.5 |
| | GSK25-150 | 16.0-25.4 | 100 | 55 | 56.1 | 56.1 | 251.75 | GSK25 | 4.7 |
| | GSK25-200 | 16.0-25.4 | 100 | 55 | 56.1 | 56.1 | 301.75 | GSK5 | 5.1 |

注意：报价时会螺帽、筒夹和扳手需单独订购。

特点：

- 最大速度：35,000 r.p.m G2.5。

SK精密弹性筒夹



| 型号 | 基本尺寸(mm) | | | | | | |
|----|----------|------|------|-------|------|-----|------|
| | D1 | D2 | d | L | L1 | L2 | |
| SK | 6 | 10.5 | 7.5 | 5.8 | 25 | 4 | 17.4 |
| | 10 | 15.5 | 12 | 9.8 | 30.5 | 5 | 21.3 |
| | 16 | 24.6 | 18.8 | 15.75 | 45 | 8 | 32 |
| | 25 | 35.6 | 28.9 | 25.4 | 57 | 8.5 | 43 |

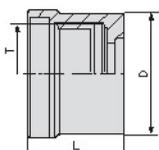
| 型号 | D | 夹持 | |
|-----|------|---------|-----------|
| SK6 | 2.75 | 10.4 | 2.55-2.75 |
| | 3 | 10.4 | 2.8-3.0 |
| | 3.5 | 10.4 | 3.0-3.5 |
| | 4 | 10.4 | 3.5-4.0 |
| | 4.5 | 10.4 | 4.0-4.5 |
| | 5 | 10.4 | 4.5-5.0 |
| | 5.5 | 10.4 | 5.0-5.5 |
| 6 | 10.4 | 5.5-6.0 | |

| 型号 | D | 夹持 | |
|------|------|-----------|-----------|
| SK16 | 5 | 24.6 | 4.5-5.0 |
| | 5.5 | 24.6 | 5.0-5.5 |
| | 6 | 24.6 | 5.5-6.0 |
| | 6.5 | 24.6 | 6.0-6.5 |
| | 7 | 24.6 | 6.5-7.0 |
| | 7.5 | 24.6 | 7.0-7.5 |
| | 8 | 24.6 | 7.5-8.0 |
| | 8.5 | 24.6 | 8.0-8.5 |
| | 9 | 24.6 | 8.5-9.0 |
| | 9.5 | 24.6 | 9.0-9.5 |
| | 10 | 24.6 | 9.5-10.0 |
| | 10.5 | 24.6 | 10.0-10.5 |
| | 11 | 24.6 | 10.5-11.0 |
| | 11.5 | 24.6 | 11.0-11.5 |
| | 12 | 24.6 | 11.5-12.0 |
| | 12.5 | 24.6 | 12.0-12.5 |
| 13 | 24.6 | 12.5-13.0 | |
| 13.5 | 24.6 | 13.0-13.5 | |
| 14 | 24.6 | 13.5-14.0 | |
| 14.5 | 24.6 | 14.0-14.5 | |
| 15 | 24.6 | 14.5-15.0 | |
| 15.5 | 24.6 | 15.0-15.5 | |
| 16 | 24.6 | 15.5-16.0 | |

| 型号 | D | 夹持 | |
|------|------|----------|----------|
| SK10 | 2 | 15.5 | 1.75-2.0 |
| | 2.25 | 15.5 | 2.0-2.25 |
| | 2.75 | 15.5 | 2.5-2.75 |
| | 3 | 15.5 | 2.75-3.0 |
| | 3.5 | 15.5 | 3.0-3.5 |
| | 4 | 15.5 | 3.5-4.0 |
| | 4.5 | 15.5 | 4.0-4.5 |
| | 5 | 15.5 | 4.5-5.0 |
| | 5.5 | 15.5 | 5.0-5.5 |
| | 6 | 15.5 | 5.5-6.0 |
| | 6.5 | 15.5 | 6.0-6.5 |
| | 7 | 15.5 | 6.5-7.0 |
| | 7.5 | 15.5 | 7.0-7.5 |
| | 8 | 15.5 | 7.5-8.0 |
| | 8.5 | 15.5 | 8.0-8.5 |
| | 9 | 15.5 | 8.5-9.0 |
| 9.5 | 15.5 | 9.0-9.5 | |
| 10 | 15.5 | 9.5-10.0 | |

| 型号 | D | 夹持 | |
|------|------|-----------|-----------|
| SK25 | 16.5 | 35.7 | 16.0-16.5 |
| | 17 | 35.7 | 16.5-17.0 |
| | 17.5 | 35.7 | 17.0-17.5 |
| | 18 | 35.7 | 17.5-18.0 |
| | 18.5 | 35.7 | 18.0-18.5 |
| | 19 | 35.7 | 18.5-19.0 |
| | 19.5 | 35.7 | 19.0-19.5 |
| | 20 | 35.7 | 19.5-20.0 |
| | 20.5 | 35.7 | 20.0-20.5 |
| | 21 | 35.7 | 20.5-21.0 |
| | 21.5 | 35.7 | 21.0-21.5 |
| | 22 | 35.7 | 21.5-22.0 |
| | 22.5 | 35.7 | 22.0-22.5 |
| | 23 | 35.7 | 22.5-23.0 |
| | 23.5 | 35.7 | 23.0-23.5 |
| | 24 | 35.7 | 23.5-24.0 |
| 24.5 | 35.7 | 24.0-24.5 | |
| 25 | 35.7 | 24.5-25.0 | |
| 25.4 | 35.7 | 25.0-25.4 | |

GSK高速刀柄专用螺帽



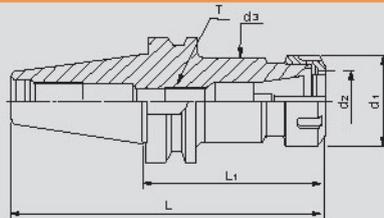
| 型号 | 基本尺寸(mm) | | T | |
|-----|----------|------|----|------------|
| | D | L | | |
| GSK | 6 | 19.5 | 21 | M15.5x1.0P |
| | 10 | 27.5 | 24 | M21.5x1.0P |
| | 16 | 40 | 31 | M32x1.5P |
| | 25 | 55 | 37 | M45x1.5P |

GSK套筒专用扳手



| 型号 | 适用螺帽 | |
|-----|------|-------|
| GSK | 6 | GSK06 |
| | 10 | GSK10 |
| | 16 | GSK16 |
| | 25 | GSK25 |

BT-ER弹性筒夹本体



注意：报价时含螺帽、筒夹和扳手需单独订购。

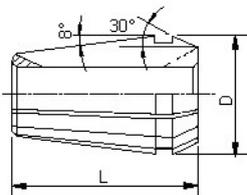
| 型号 | 基本尺寸(mm) | | | | | T | 重量 | | |
|----------|----------|----------|----|----|-----|-------|-----------|-----------|------|
| | d1 | d2 | d3 | L1 | L | | | | |
| BT30 | ER20-70 | 34 | 20 | 34 | 70 | 118.4 | M12x1.75P | 0.75 | |
| | ER20-100 | 34 | 20 | 34 | 100 | 148.4 | M12x1.75P | 0.95 | |
| | ER25-70 | 42 | 25 | 42 | 70 | 118.4 | M16x2.0P | 0.70 | |
| | ER25-100 | 42 | 25 | 42 | 100 | 148.4 | M16x2.0P | 1.45 | |
| | ER32-70 | 50 | 32 | 50 | 70 | 118.4 | M16x2.0P | 0.85 | |
| | ER32-100 | 50 | 32 | 50 | 100 | 148.4 | M16x2.0P | 1.00 | |
| | ER40-80 | 63 | 40 | 63 | 80 | 128.4 | M16x2.0P | 1.10 | |
| | ER20-70 | 34 | 20 | 34 | 70 | 135.4 | M12x1.75P | 1.40 | |
| BT40 | ER20-100 | 34 | 20 | 34 | 100 | 170.4 | M12x1.75P | 1.50 | |
| | ER20-135 | 34 | 20 | 34 | 135 | 200.4 | M12x1.75P | 1.70 | |
| | ER25-70 | 42 | 25 | 42 | 70 | 135.4 | M16x2.0P | 1.30 | |
| | ER25-100 | 42 | 25 | 42 | 100 | 165.4 | M16x2.0P | 1.50 | |
| | ER25-125 | 42 | 25 | 42 | 125 | 190.4 | M16x2.0P | 1.90 | |
| | ER32-70 | 50 | 32 | 50 | 70 | 135.4 | M16x2.0P | 1.30 | |
| | ER32-100 | 50 | 32 | 50 | 100 | 165.4 | M16x2.0P | 1.70 | |
| | ER40-80 | 63 | 40 | 63 | 80 | 145.4 | M20x2.0P | 1.50 | |
| | ER40-100 | 63 | 40 | 63 | 100 | 165.4 | M20x2.0P | 2.05 | |
| | ER40-120 | 63 | 40 | 63 | 120 | 185.4 | M20x2.0P | 2.50 | |
| | ER50-85 | 78 | 50 | 78 | 85 | 145.4 | M24x2.0P | 1.70 | |
| | ER50-100 | 78 | 50 | 78 | 100 | 165.4 | M24x2.0P | 2.10 | |
| | BT50 | ER20-100 | 34 | 20 | 34 | 100 | 201.8 | M12x1.75P | 4.28 |
| | | ER20-135 | 34 | 20 | 34 | 135 | 236.8 | M12x1.75P | 4.55 |
| ER20-200 | | 34 | 20 | 34 | 200 | 301.8 | M12x1.75P | 4.90 | |
| ER25-100 | | 42 | 25 | 42 | 100 | 201.8 | M16x2.0P | 4.35 | |
| ER25-125 | | 42 | 25 | 42 | 125 | 226.8 | M16x2.0P | 4.60 | |
| ER25-150 | | 42 | 25 | 42 | 150 | 251.8 | M16x2.0P | 4.90 | |
| ER32-100 | | 50 | 32 | 50 | 100 | 201.8 | M16x2.0P | 4.80 | |
| ER32-120 | | 50 | 32 | 50 | 120 | 221.8 | M16x2.0P | 4.90 | |
| ER32-150 | | 50 | 32 | 50 | 150 | 251.8 | M16x2.0P | 5.30 | |
| ER40-80 | | 63 | 40 | 63 | 80 | 181.8 | M20x2.0P | 4.30 | |
| ER40-100 | | 63 | 40 | 63 | 100 | 201.8 | M20x2.0P | 4.40 | |
| ER40-120 | | 63 | 40 | 63 | 120 | 221.8 | M20x2.0P | 5.20 | |
| ER40-150 | | 63 | 40 | 63 | 150 | 251.8 | M20x2.0P | 5.80 | |
| ER50-90 | | 78 | 50 | 78 | 90 | 191.8 | M24x2.0P | 4.60 | |
| ER50-120 | | 78 | 50 | 78 | 120 | 221.8 | M24x2.0P | 5.50 | |
| ER50-165 | | 78 | 50 | 78 | 165 | 266.8 | M24x2.0P | 6.10 | |

ER型扳手



| 型号 | D | L | RANGE |
|-----------|------|------|-------|
| ER11A-BS | ER11 | 32.0 | 95 |
| ER16A-BS | ER16 | 44.0 | 144 |
| ER20A-BS | ER20 | 52.5 | 144 |
| ER25UM-BS | ER25 | 65 | 210 |
| ER32UM-BS | ER32 | 75 | 250 |
| ER40UM-BS | ER40 | 90 | 290 |
| ER8M-BS | ER8 | 12.0 | 90 |
| ER11M-BS | ER11 | 16.8 | 90 |
| ER16M-BS | ER16 | 22.5 | 110 |
| ER20M-BS | ER20 | 29.0 | 120 |
| ER25M-BS | ER25 | 36.0 | 130 |

ER弹性筒夹



| 型号 | D | L | RANGE |
|------|------|------|-------|
| ER8 | 8.5 | 13.5 | 0.5 |
| ER11 | 11.5 | 18 | 0.5 |
| ER16 | 17 | 27.5 | 1.0 |
| ER20 | 21 | 31.5 | 1.0 |
| ER25 | 26 | 34 | 1.0 |
| ER32 | 33 | 40 | 1.0 |
| ER40 | 41 | 46 | 1.0 |

ER8

| 型号 | 夹持 |
|-----|---------|
| 2.0 | 1.5-2.0 |
| 2.5 | 2.0-2.5 |
| 3.0 | 2.5-3.0 |
| 3.5 | 3.0-3.5 |
| 4.0 | 3.5-4.0 |
| 4.5 | 4.0-4.5 |
| 5.0 | 4.5-5.0 |

ER11

| 型号 | 夹持 |
|-----|---------|
| 2.5 | 2.0-2.5 |
| 3.0 | 2.5-3.0 |
| 3.5 | 3.0-3.5 |
| 4.0 | 3.5-4.0 |
| 4.5 | 4.0-4.5 |
| 5.0 | 4.5-5.0 |
| 5.5 | 5.0-5.5 |

ER16

| 型号 | 夹持 |
|------|----------|
| 4.0 | 3.0-4.0 |
| 5.0 | 4.0-5.0 |
| 6.0 | 5.0-6.0 |
| 7.0 | 6.0-7.0 |
| 8.0 | 7.0-8.0 |
| 9.0 | 8.0-9.0 |
| 10.0 | 9.0-10.0 |

ER20

| 型号 | 夹持 |
|------|----------|
| 4.0 | 3.0-4.0 |
| 5.0 | 4.0-5.0 |
| 6.0 | 5.0-6.0 |
| 7.0 | 6.0-7.0 |
| 8.0 | 7.0-8.0 |
| 9.0 | 8.0-9.0 |
| 10.0 | 9.0-10.0 |

ER25

| 型号 | 夹持 |
|------|-----------|
| 5.0 | 4.0-5.0 |
| 6.0 | 5.0-6.0 |
| 7.0 | 6.0-7.0 |
| 8.0 | 7.0-8.0 |
| 9.0 | 8.0-9.0 |
| 10.0 | 9.0-10.0 |
| 11.0 | 10.0-11.0 |
| 12.0 | 11.0-12.0 |
| 13.0 | 12.0-13.0 |
| 14.0 | 13.0-14.0 |
| 15.0 | 14.0-15.0 |
| 16.0 | 15.0-16.0 |

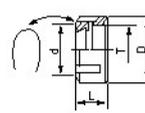
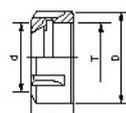
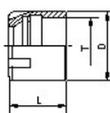
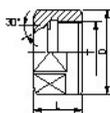
ER32

| 型号 | 夹持 |
|------|-----------|
| 6.0 | 5.0-6.0 |
| 7.0 | 6.0-7.0 |
| 8.0 | 7.0-8.0 |
| 9.0 | 8.0-9.0 |
| 10.0 | 9.0-10.0 |
| 11.0 | 10.0-11.0 |
| 12.0 | 11.0-12.0 |
| 13.0 | 12.0-13.0 |
| 14.0 | 13.0-14.0 |
| 15.0 | 14.0-15.0 |
| 16.0 | 15.0-16.0 |
| 17.0 | 16.0-17.0 |

ER40

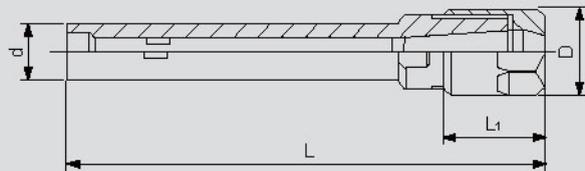
| 型号 | 夹持 |
|------|-----------|
| 9.0 | 8.0-9.0 |
| 10.0 | 9.0-10.0 |
| 11.0 | 10.0-11.0 |
| 12.0 | 11.0-12.0 |
| 13.0 | 12.0-13.0 |
| 14.0 | 13.0-14.0 |
| 15.0 | 14.0-15.0 |
| 16.0 | 15.0-16.0 |
| 17.0 | 16.0-17.0 |
| 18.0 | 17.0-18.0 |
| 19.0 | 18.0-19.0 |
| 20.0 | 19.0-20.0 |

螺帽



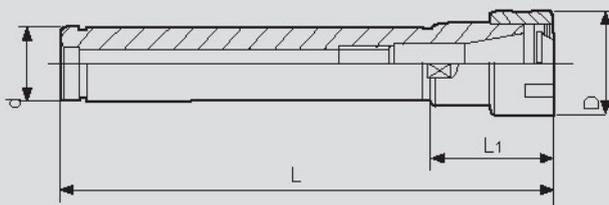
| 模式 | 型号 | D | d | L | T |
|-------|-----------|----|------|------|-----------|
| A | ER11A-LM | 19 | 17 | 11.3 | M14x0.75P |
| | ER16A-LM | 28 | 25 | 17.5 | M22x1.5P |
| | ER20A-LM | 34 | 30 | 19 | M25x1.5P |
| M | ER8M-LM | 12 | - | 10.8 | M10x0.75P |
| | ER11M-LM | 16 | - | 12 | M13x0.75P |
| | ER16M-LM | 22 | - | 18 | M19x1.0P |
| | ER20M-LM | 28 | - | 19 | M24x1.0P |
| UM/RD | ER25UM-LM | 35 | - | 20 | M30x1.0P |
| | ER25UM-LM | 42 | 29 | 20 | M32x1.5P |
| | ER32UM-LM | 50 | 38.5 | 22.5 | M40x1.5P |
| KM/RD | ER40UM-LM | 63 | 48.3 | 22.5 | M50x1.5P |
| | ER25KM-LM | 42 | 29 | 22.5 | M32x1.5P |
| | ER32KM-LM | 50 | 38.5 | 26 | M40x1.5P |
| | ER40KM-LM | 63 | 48.3 | 29 | M50x1.5P |

SK直柄弹性筒夹延长杆



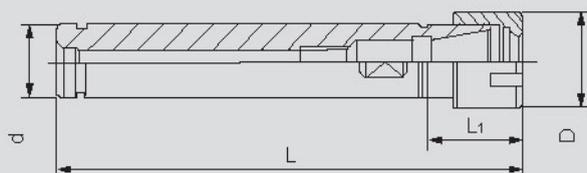
| 型号 | | 基本尺寸(mm) | | | |
|-----|----------|----------|----|----|-----|
| | | D | d | L1 | L |
| C20 | SK6-150 | 20 | 20 | 20 | 150 |
| | SK10-150 | 29 | 20 | 38 | 150 |

直柄ER弹性筒夹延长杆



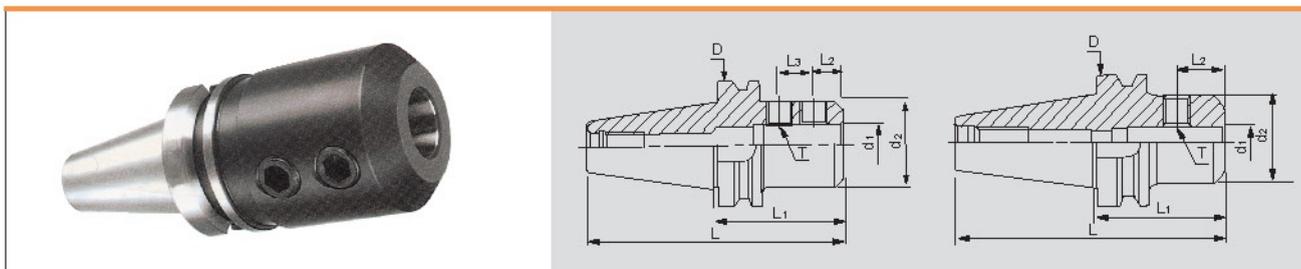
| 型号 | | 基本尺寸(mm) | | | |
|-----|----------|----------|----|----|-----|
| | | D | d | L1 | L |
| C20 | ER16-150 | 28 | 20 | 30 | 180 |
| | ER20-150 | 34 | 20 | 36 | 186 |
| | ER25-100 | 42 | 20 | 46 | 146 |
| | ER25-150 | 42 | 20 | 46 | 196 |
| C25 | ER16-100 | 28 | 25 | 30 | 130 |
| | ER20-150 | 34 | 25 | 36 | 186 |
| | ER25-150 | 42 | 25 | 46 | 196 |
| | ER32-80 | 50 | 25 | 54 | 134 |
| C32 | ER40-100 | 63 | 25 | 55 | 155 |
| | ER25-60 | 42 | 32 | 46 | 106 |
| | ER32-100 | 50 | 32 | 54 | 154 |
| C40 | ER40-100 | 63 | 32 | 55 | 155 |
| | ER32-100 | 50 | 40 | 54 | 154 |
| | ER40-100 | 63 | 40 | 55 | 155 |

M型直柄ER弹性筒夹延长杆



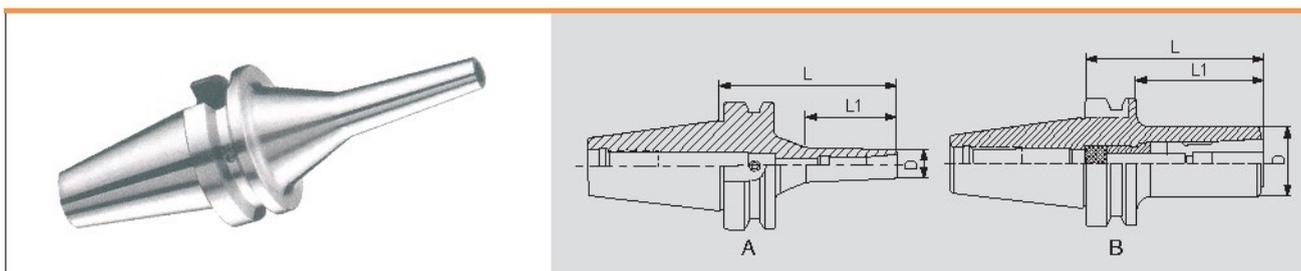
| 型号 | | 基本尺寸(mm) | | | |
|-----|-----------|----------|----|------|-------|
| | | D | d | L1 | L |
| C8 | ER8M-55 | 12 | 8 | 24 | 79 |
| C10 | ER8M-180 | 12 | 10 | 17 | 197 |
| C12 | ER8M-55 | 12 | 12 | 17 | 72 |
| | ER8M-120 | 12 | 12 | 17 | 137 |
| C16 | ER8M-180 | 12 | 12 | 17 | 197 |
| | ER11M-80 | 16 | 12 | 26.5 | 106.5 |
| | ER11M-100 | 16 | 16 | 18.5 | 118.5 |
| C20 | ER16M-80 | 23 | 16 | 37 | 117 |
| | ER16M-140 | 23 | 20 | 25 | 165 |
| | ER16M-160 | 23 | 20 | 25 | 185 |
| C20 | ER20M-100 | 28 | 20 | 40 | 140 |
| | ER20M-120 | 28 | 20 | 40 | 160 |
| C25 | ER20M-140 | 28 | 25 | 28 | 168 |
| C20 | ER25M-100 | 35 | 20 | 40 | 140 |

侧固式铣刀柄



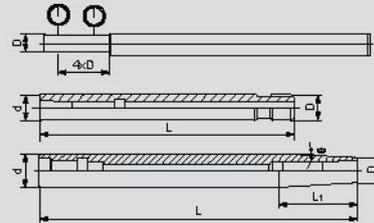
| 型号 | 基本尺寸(mm) | | | | | | | | T | 重量 |
|-----------|-----------|-----|----|-----|-----|------|-------|----------|-----------|------|
| | D | d1 | d2 | L1 | L2 | L3 | L | | | |
| BT30 | SLN10-60 | 46 | 10 | 35 | 60 | 20 | - | 108.4 | M10x1.5P | 0.70 |
| | SLN12-60 | 46 | 12 | 42 | 60 | 22.5 | - | 108.4 | M12x1.75P | 0.75 |
| | SLN16-75 | 46 | 16 | 48 | 75 | 24 | - | 123.4 | M14x2.0P | 1.05 |
| | SLN20-75 | 46 | 20 | 52 | 75 | 25 | - | 123.4 | M16x2.0P | 1.10 |
| BT40 | SLN25-90 | 46 | 25 | 65 | 90 | 24 | 25 | 138.4 | M18x2.0P | 1.70 |
| | SLN6-50 | 63 | 6 | 25 | 50 | 18 | - | 115.4 | M6x1.0P | 1.10 |
| | SLN8-50 | 63 | 8 | 28 | 50 | 18 | - | 115.4 | M8x1.25P | 1.10 |
| | SLN10-63 | 63 | 10 | 35 | 63 | 20 | - | 128.4 | M10x1.5P | 1.25 |
| | SLN12-63 | 63 | 12 | 42 | 63 | 22.5 | - | 128.4 | M12x1.75P | 1.30 |
| | SLN16-63 | 63 | 16 | 48 | 63 | 24 | - | 128.4 | M14x2.0P | 1.40 |
| BT50 | SLN20-63 | 63 | 20 | 52 | 63 | 25 | - | 128.4 | M16x2.0P | 1.40 |
| | SLN25-100 | 63 | 25 | 65 | 100 | 24 | 25 | 165.4 | M18x2.0P | 2.50 |
| | SLN32-100 | 63 | 32 | 72 | 100 | 24 | 28 | 165.4 | M20x2.0P | 2.75 |
| | SLN6-63 | 100 | 6 | 25 | 63 | 18 | - | 164.8 | M6x1.0P | 3.80 |
| | SLN8-63 | 100 | 8 | 28 | 63 | 18 | - | 164.8 | M8x1.25P | 3.80 |
| | SLN10-63 | 100 | 10 | 35 | 63 | 20 | - | 164.8 | M10x1.5P | 3.00 |
| | SLN12-80 | 100 | 12 | 42 | 80 | 22.5 | - | 181.8 | M12x1.75P | 4.00 |
| | SLN16-80 | 100 | 16 | 48 | 80 | 24 | - | 181.8 | M14x2.0P | 4.40 |
| | SLN20-80 | 100 | 20 | 52 | 80 | 25 | - | 181.8 | M16x2.0P | 4.40 |
| | SLN25-100 | 100 | 25 | 65 | 100 | 24 | 25 | 201.8 | M18x2.0P | 5.10 |
| | SLN32-105 | 100 | 32 | 72 | 105 | 24 | 28 | 206.8 | M20x2.0P | 5.20 |
| | SLN40-115 | 100 | 40 | 90 | 115 | 30 | 32 | 216.8 | M20x2.0P | 6.60 |
| SLN42-120 | 100 | 42 | 90 | 120 | 30 | 32 | 221.8 | M20x2.0P | 6.70 | |

小径精密夹头本体



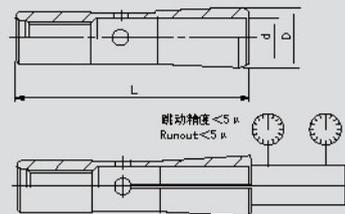
| 型号 | 图示 | 基本尺寸(mm) | | | 适用夹头 | 扳手 |
|----------|----|----------|----|-----|------|----|
| | | D | L1 | L | | |
| DC6-60 | A | 13 | 26 | 60 | DC6 | M4 |
| DC6-90 | A | 13 | 50 | 90 | DC6 | M4 |
| DC12-70 | B | 34 | 45 | 70 | DC12 | M8 |
| DC6-60 | A | 13 | 26 | 60 | DC6 | M4 |
| DC6-90 | A | 13 | 45 | 90 | DC6 | M4 |
| DC6-120 | A | 13 | 60 | 120 | DC6 | M4 |
| DC6-150 | A | 13 | 76 | 150 | DC6 | M4 |
| DC8-90 | A | 22 | 53 | 90 | DC8 | M5 |
| DC8-120 | A | 22 | 65 | 120 | DC8 | M5 |
| DC10-90 | B | 28 | 51 | 90 | DC10 | M6 |
| DC10-120 | A | 28 | 60 | 120 | DC10 | M6 |
| DC12-70 | B | 34 | 35 | 70 | DC12 | M8 |
| DC12-90 | B | 34 | 55 | 90 | DC12 | M8 |
| DC12-120 | B | 34 | 85 | 120 | DC12 | M8 |
| DC12-150 | B | 34 | 90 | 150 | DC12 | M8 |
| DC10-110 | A | 28 | 57 | 110 | DC10 | M6 |
| DC10-150 | A | 28 | 75 | 150 | DC10 | M6 |
| DC12-110 | B | 34 | 57 | 110 | DC12 | M8 |
| DC12-150 | A | 34 | 80 | 150 | DC12 | M8 |

直柄式小径延伸杆



| 型号 | 型号 | 基本尺寸(mm) | | | | | 通用夹头 | 夹持范围 | 图式 |
|-----|----------|----------|----|-----|-----|----------|------|------|----|
| | | D | d | L1 | L | θ | | | |
| C08 | DC4-80 | - | 8 | - | 80 | - | DC4 | 2-4 | A |
| C12 | DC4-120 | - | 12 | - | 120 | - | DC4 | 2-4 | B |
| | DC6-120 | - | 12 | - | 120 | - | DC6 | 2-6 | A |
| C16 | DC6-150 | 12 | 16 | 38 | 150 | 3° | DC6 | 2-6 | B |
| C20 | DC6-200 | 12 | 20 | 76 | 200 | 3° | DC6 | 2-6 | B |
| C25 | DC6-250 | 12 | 25 | 124 | 250 | 3° | DC6 | 2-6 | B |
| C20 | DC8-150 | 19 | 20 | 28 | 150 | 2° | DC8 | 3-8 | B |
| | DC8-200 | 19 | 20 | 28 | 200 | 2° | DC8 | 3-8 | B |
| C25 | DC10-150 | 24 | 25 | 28 | 150 | 2° | DC10 | 3-10 | B |
| | DC10-200 | 24 | 25 | 28 | 200 | 2° | DC10 | 3-10 | B |
| | DC10-250 | 24 | 25 | 28 | 250 | 2° | DC10 | 3-10 | B |
| C32 | DC12-200 | 30 | 32 | 57 | 200 | 2° | DC12 | 3-12 | B |
| | DC12-250 | 30 | 32 | 57 | 250 | 2° | DC12 | 3-12 | B |
| | DC12-300 | 30 | 32 | 57 | 300 | 2° | DC12 | 3-12 | B |

小径筒夹



| 型号 | 型号 | 基本尺寸(mm) | |
|----|----|----------|----|
| | | D | L |
| DC | 4 | 7 | 31 |
| | 6 | 9.6 | 36 |
| | 8 | 14 | 45 |
| | 10 | 18 | 62 |
| | 12 | 22 | 60 |

| 型号 | 型号 | 基本尺寸(mm) | |
|-----|----|----------|--|
| | | d | |
| DC8 | 3E | 2 | |
| | 4E | 3 | |
| | 6E | 6 | |
| | 8E | 8 | |

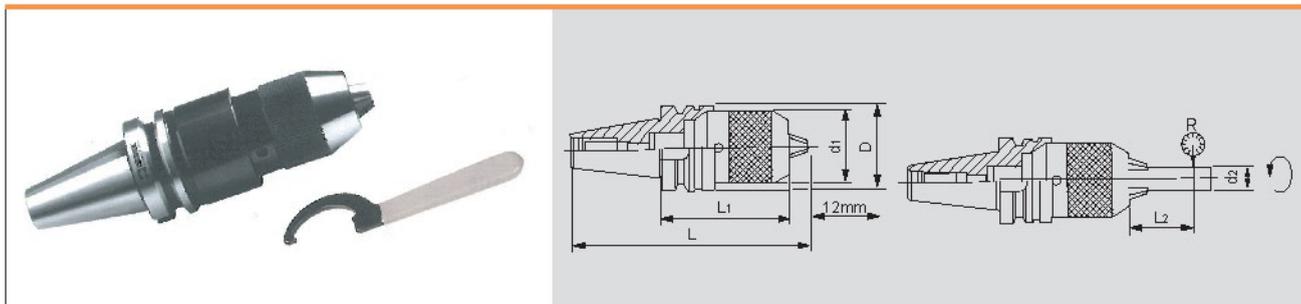
| 型号 | 型号 | 基本尺寸(mm) | |
|-----|--------|----------|--|
| | | d | |
| DC4 | 2E | 2 | |
| | 3E | 3 | |
| | 4E | 4 | |
| | 3.175E | 3.175 | |

| 型号 | 型号 | 基本尺寸(mm) | |
|------|-----|----------|--|
| | | d | |
| DC10 | 3E | 3 | |
| | 4E | 4 | |
| | 6E | 6 | |
| | 8E | 8 | |
| | 10E | 10 | |

| 型号 | 型号 | 基本尺寸(mm) | |
|-----|--------|----------|--|
| | | d | |
| DC6 | 3E | 3 | |
| | 4E | 4 | |
| | 6E | 6 | |
| | 3.175E | 3.175 | |
| | 6.35E | 6.35 | |

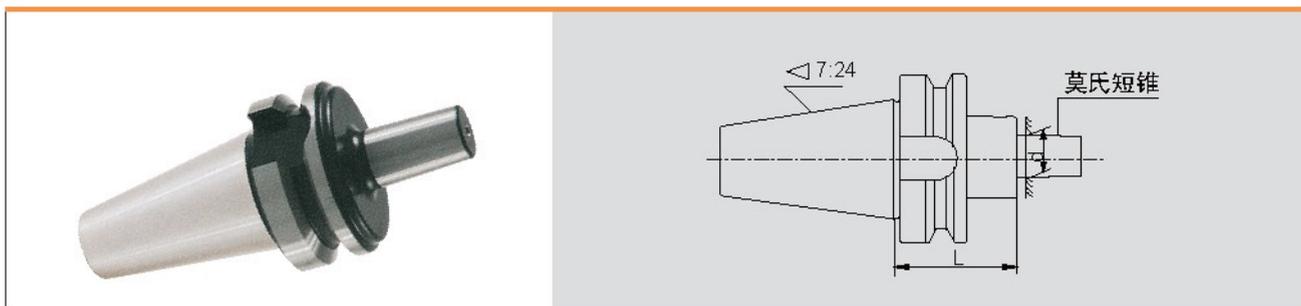
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|------|-----|----------|--|
| | | d | |
| DC12 | 3E | 3 | |
| | 4E | 4 | |
| | 6E | 6 | |
| | 8E | 8 | |
| | 10E | 10 | |
| | 12E | 12 | |

BT-SPU直结式钻夹头刀柄



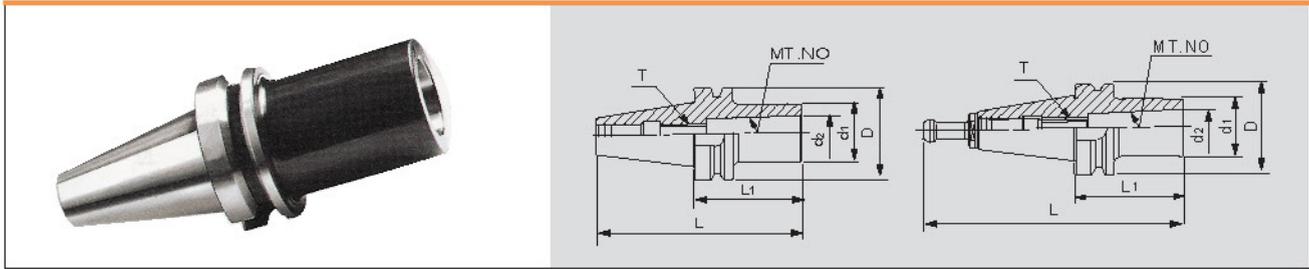
| 型号 | 基本尺寸(mm) | | | | | | | 偏摆精度 | 重量 |
|------|-----------|-----|----|----|-----|----|-------|------|------|
| | D | d1 | d2 | L1 | L2 | L | | | |
| BT30 | SPU8-80 | 46 | 37 | 8 | 80 | 55 | 137.4 | 0.04 | 0.72 |
| | SPU13-110 | 46 | 50 | 13 | 110 | 75 | 170.4 | 0.04 | 1.85 |
| | SPU16-110 | 46 | 57 | 16 | 110 | 80 | 180.4 | 0.04 | 2.18 |
| BT40 | SPU8-85 | 63 | 37 | 8 | 85 | 55 | 159.4 | 0.04 | 1.46 |
| | SPU13-100 | 63 | 50 | 13 | 100 | 75 | 177.4 | 0.04 | 2.00 |
| | SPU13-130 | 63 | 50 | 13 | 130 | 75 | 207.4 | 0.04 | 3.20 |
| BT50 | SPU16-105 | 63 | 57 | 16 | 105 | 80 | 187.4 | 0.04 | 2.33 |
| | SPU8-90 | 100 | 37 | 8 | 90 | 55 | 200.4 | 0.04 | 4.16 |
| | SPU13-100 | 100 | 50 | 13 | 100 | 75 | 213.4 | 0.04 | 4.70 |
| | SPU13-180 | 100 | 50 | 13 | 180 | 75 | 293.4 | 0.04 | 5.50 |
| | SPU16-105 | 100 | 57 | 16 | 105 | 80 | 223.4 | 0.04 | 5.03 |
| | SPU16-130 | 100 | 57 | 16 | 130 | 80 | 248.4 | 0.04 | 4.80 |
| | SPU16-190 | 100 | 57 | 16 | 190 | 80 | 308.8 | 0.04 | 6.20 |

钻夹头刀柄



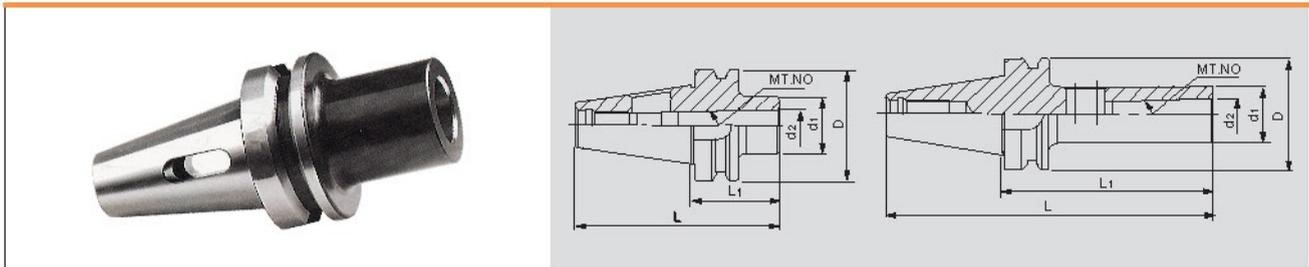
| 型号 | 莫氏锥柄 | 基本尺寸(mm) | | 配用钻夹头 | | |
|------|--------|----------|--------|-------|-------|-------|
| | | d | L | 型号 | 夹持范围 | |
| BT40 | Z10-45 | B10 | 10.094 | 45 | J0106 | 0.5-6 |
| | Z10-90 | B10 | 10.094 | 90 | J0106 | 0.5-6 |
| | Z12-45 | B12 | 12.065 | 45 | J0108 | 0.5-8 |
| | Z12-90 | B12 | 12.065 | 90 | J0108 | 0.5-8 |
| | Z16-45 | B16 | 15.733 | 45 | J0113 | 1-13 |
| | Z16-90 | B16 | 15.733 | 90 | J0113 | 1-13 |
| | Z18-45 | B18 | 17.780 | 45 | J0116 | 3-16 |
| | Z18-90 | B18 | 17.780 | 90 | J0116 | 3-16 |
| BT50 | Z10-45 | B10 | 10.094 | 45 | J0106 | 0.5-6 |
| | Z10-90 | B10 | 10.094 | 90 | J0106 | 0.5-6 |
| | Z12-45 | B12 | 12.065 | 45 | J0108 | 0.5-8 |
| | Z12-90 | B12 | 12.065 | 90 | J0108 | 0.5-8 |
| | Z16-45 | B16 | 15.733 | 45 | J0113 | 1-13 |
| | Z16-90 | B16 | 15.733 | 90 | J0113 | 1-13 |
| | Z18-45 | B18 | 17.780 | 45 | J0116 | 3-16 |
| | Z18-90 | B18 | 17.780 | 90 | J0116 | 3-16 |

BT-MTB莫氏锥套刀柄（螺丝锁紧）



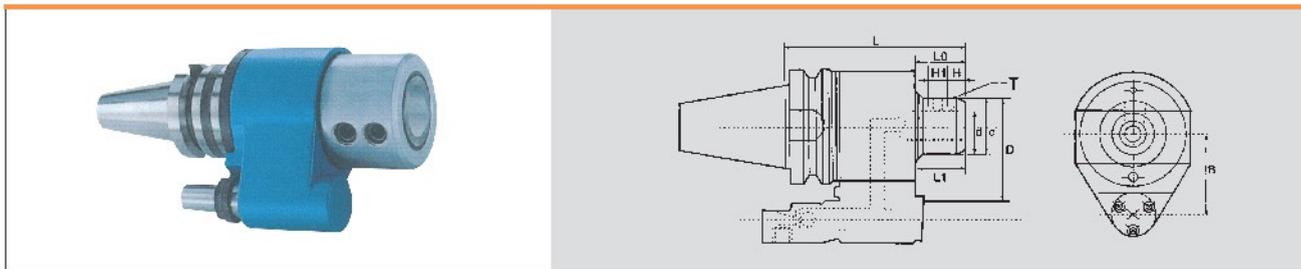
| 型号 | | 基本尺寸(mm) | | | | | | |
|------|---------|----------|--------|--------|----|------|----------|------|
| | | MT.NO | D | L | C | C1 | G | |
| BT30 | MTB1-45 | 1 | 12.065 | 45 | 25 | 10 | M6x1 | |
| | BT40 | MTB1-45 | 1 | 12.065 | 45 | 25 | 10 | M6x1 |
| | MTB2-45 | 2 | 17.780 | 45 | 32 | 13.5 | M10x1.5 | |
| BT50 | MTB3-75 | 3 | 23.825 | 75 | 42 | 18 | M12x1.75 | |
| | MTB4-90 | 4 | 31.267 | 90 | 50 | 20.5 | M16x2 | |
| | MTB1-45 | 1 | 12.065 | 45 | 25 | 10 | M6x1 | |
| | MTB2-45 | 2 | 17.780 | 45 | 32 | 16 | M10x1.5 | |
| | MTB3-60 | 3 | 23.825 | 75 | 42 | 18 | M12x1.75 | |
| | MTB4-95 | 4 | 31.267 | 95 | 50 | 20.5 | M16x2 | |

BT-MTA莫氏锥套刀柄（钻头套筒）



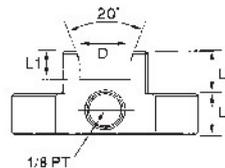
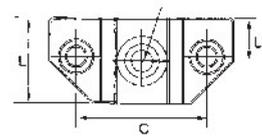
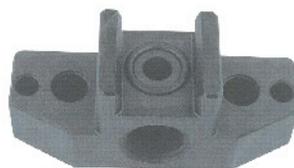
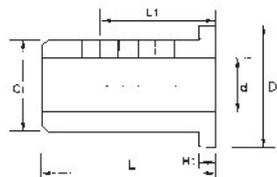
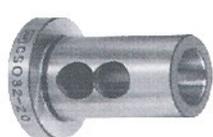
| 型号 | | 基本尺寸(mm) | | | | | 图式 |
|----------|----------|----------|--------|--------|-----|------|-----|
| | | MT.NO | D | W | L | C | |
| BT30 | MTA1-45 | 1 | 12.065 | 45 | 20 | 5.6 | 1 |
| | MTA2-45 | 2 | 17.780 | 45 | 30 | 6.6 | 1 |
| | MTA3-45 | 3 | 23.825 | 45 | 40 | 8.4 | 1 |
| BT40 | MTA1-45 | 1 | 12.065 | 45 | 25 | 5.6 | 1 |
| | MTA1-120 | 1 | 12.065 | 120 | 25 | 5.6 | 2 |
| | MTA2-45 | 2 | 17.780 | 45 | 32 | 6.6 | 1 |
| | MTA2-120 | 2 | 17.780 | 120 | 32 | 6.6 | 2 |
| | MTA3-75 | 3 | 23.825 | 75 | 40 | 8.4 | 1 |
| | MTA3-135 | 3 | 23.825 | 135 | 40 | 8.4 | 2 |
| | MTA4-95 | 4 | 31.065 | 95 | 50 | 12.4 | 1 |
| | MTA4-165 | 4 | 31.065 | 165 | 50 | 12.4 | 2 |
| | BT50 | MTA1-45 | 1 | 12.065 | 45 | 25 | 5.6 |
| MTA1-120 | | 1 | 12.065 | 120 | 25 | 5.6 | 2 |
| MTA1-180 | | 1 | 12.065 | 180 | 25 | 5.6 | 2 |
| MTA2-45 | | 2 | 17.780 | 45 | 25 | 6.6 | 1 |
| MTA2-135 | | 2 | 17.780 | 135 | 25 | 6.6 | 2 |
| MTA2-180 | | 2 | 17.780 | 180 | 25 | 6.6 | 2 |
| MTA3-45 | | 3 | 23.835 | 45 | 40 | 8.4 | 1 |
| MTA3-150 | | 3 | 23.835 | 150 | 40 | 8.4 | 2 |
| MTA3-180 | | 3 | 23.835 | 180 | 40 | 8.4 | 2 |
| MTA4-95 | | 4 | 31.267 | 95 | 50 | 12.4 | 1 |
| MTA4-180 | | 4 | 31.267 | 180 | 50 | 12.4 | 2 |
| | | MTA5-105 | 5 | 44.399 | 105 | | |

BT-OSL 侧固式油路刀把



| 型号 | | 基本尺寸(mm) | | | | | | 重量 |
|------------|------------|----------|----|-----|-----|----------|-----------|-----|
| | | L1 | H | H1 | D | B | T | |
| BT40 | OSL16-150 | 48 | 25 | - | 82 | 65 | M12x1.75P | 3.1 |
| | OSL20-165 | 50 | 25 | - | 82 | 65 | M12x1.75P | 3.5 |
| | OSL25-165 | 56 | 15 | 20 | 82 | 65 | M16x2.0P | 3.5 |
| | OSL32-165 | 60 | 15 | 20 | 82 | 65 | M16x2.0P | 3.5 |
| | OSL16-150S | 48 | 25 | - | 82 | 60 | M12x1.75P | 3.1 |
| | OSL20-165S | 50 | 25 | - | 82 | 60 | M12x1.75P | 3.5 |
| BT50 | OSL25-165S | 56 | 15 | 20 | 82 | 60 | M12x1.75P | 3.5 |
| | OSL32-165S | 60 | 15 | 20 | 82 | 60 | M12x1.75P | 3.8 |
| | OSL16-165 | 48 | 25 | - | 98 | 80 | M14x2.0P | 7.0 |
| | OSL20-165 | 50 | 25 | - | 98 | 80 | M14x2.0P | 7.5 |
| | OSL25-165 | 56 | 15 | 20 | 98 | 80 | M16x2.0P | 7.5 |
| | OSL32-165 | 60 | 15 | 20 | 98 | 80 | M16x2.0P | 7.8 |
| | OSL40-170 | 62 | 15 | 25 | 105 | 80 | M14x2.0P | 8.5 |
| | OSL16-165M | 48 | 25 | - | 98 | 82 | M12x1.75P | 7.1 |
| | OSL20-165M | 50 | 25 | - | 98 | 82 | M12x1.75P | 7.6 |
| | OSL25-165M | 56 | 15 | 20 | 98 | 82 | M16x2.0P | 7.7 |
| | OSL32-165M | 60 | 15 | 20 | 98 | 82 | M16x2.0P | 7.8 |
| | OSL40-170M | 62 | 15 | 25 | 105 | 82 | M14x2.0P | 8.5 |
| | OSL16-165L | 48 | 25 | - | 98 | 85 | M12x1.75P | 7.2 |
| | OSL20-165L | 50 | 25 | - | 98 | 85 | M12x1.75P | 7.8 |
| OSL25-165L | 56 | 15 | 20 | 98 | 85 | M16x2.0P | 7.8 | |
| OSL32-165L | 60 | 15 | 20 | 98 | 85 | M16x2.0P | 8.0 | |
| OSL40-170L | 62 | 15 | 25 | 105 | 85 | M14x2.0P | 8.7 | |

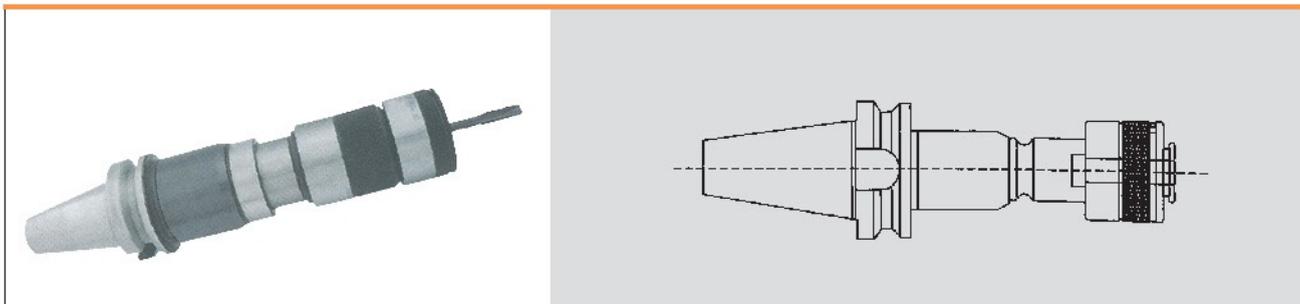
BT-OSL 侧固式油路刀把套筒



| 型号 | 基本尺寸(mm) | | | | 重量 |
|-----------|----------|----|----|-----|------|
| | D | L | L1 | H1 | |
| OSL-20-16 | 30 | 54 | 48 | 5.5 | 0.07 |
| OSL-25-16 | 35 | 60 | 48 | 5.5 | 0.19 |
| OSL-25-20 | 35 | 60 | 50 | 5.5 | 0.15 |
| OSL-32-16 | 42 | 64 | 48 | 5.5 | 0.35 |
| OSL-32-20 | 42 | 64 | 50 | 5.5 | 0.32 |
| OSL-32-25 | 42 | 64 | 56 | 5.5 | 0.22 |
| OSL-40-16 | 50 | 75 | 48 | 5.5 | 0.57 |
| OSL-40-20 | 50 | 75 | 50 | 5.5 | 0.54 |
| OSL-40-25 | 50 | 75 | 56 | 5.5 | 0.45 |
| OSL-40-32 | 50 | 75 | 60 | 5.5 | 0.30 |

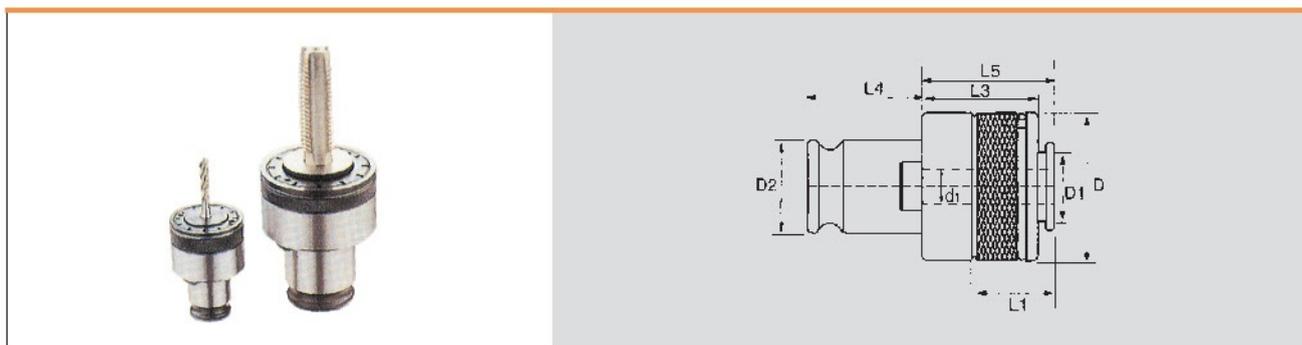
| 型号 | 基本尺寸(mm) | | | | | | 重量 |
|-------|----------|----|----|------|------|----|------|
| | D | L | L1 | L2 | L3 | L4 | |
| ST-18 | 18 | 27 | 9 | 18.1 | 17.2 | 18 | 0.29 |

快换式伸缩/扭力攻牙刀杆



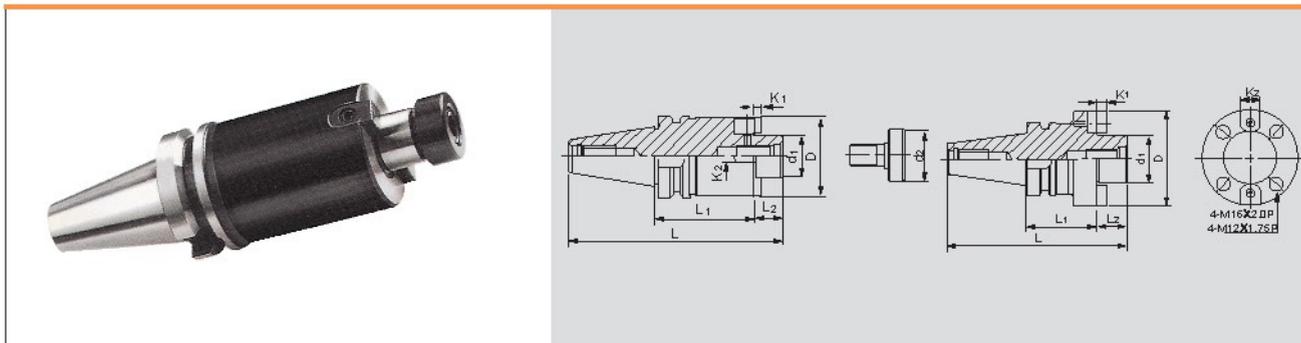
| 型号 | 攻牙能力 | 丝攻夹头形式 | 轴向修正 | | 本体外径D | 长度L | 重量 | |
|------|-----------|---------|--------|------|-------|-----|-----|------|
| | | | 缩 | 伸 | | | | |
| BT30 | x312-57 | M3-M12 | TCS-1B | 6 | 12 | 36 | 57 | 0.64 |
| BT40 | x312-62 | M3-M12 | TCS-1B | 6 | 12 | 36 | 62 | 1.25 |
| | x312-120 | M3-M12 | TCS-1B | 6 | 12 | 36 | 120 | |
| | x822-94 | M8-M22 | TCS-2B | 12.5 | 12.5 | 53 | 94 | |
| | x822-166 | M8-M22 | TCS-2B | 12.5 | 12.5 | 53 | 166 | |
| | x1638-164 | M16-M38 | TCS-3B | 20 | 20 | 78 | 142 | |
| | x1638-246 | M16-M38 | TCS-3B | 20 | 20 | 78 | 201 | |
| BT50 | x312-71 | M3-M12 | TCS-1B | 6 | 12 | 36 | 71 | |
| | x312-126 | M3-M12 | TCS-1B | 6 | 12 | 46 | 126 | 4.48 |
| | x822-102 | M8-M22 | TCS-2B | 12.5 | 12.5 | 53 | 102 | |
| | x822-166 | M8-M22 | TCS-2B | 12.5 | 12.5 | 53 | 166 | |
| | x1638-142 | M16-M38 | TCS-3B | 20 | 20 | 78 | 142 | 6.06 |
| | x1638-201 | M16-M38 | TCS-3B | 20 | 20 | 78 | 201 | |

扭力攻丝筒夹



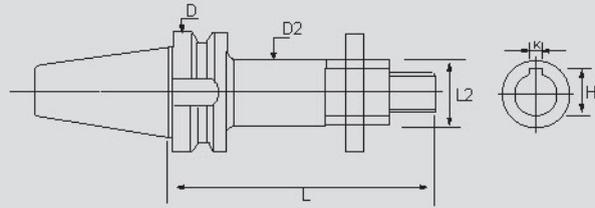
| 型号 | 攻牙能力 | 基本尺寸(mm) | | | | | | | 重量 |
|--------|-------------|----------|------|----|----|----|------|----|------|
| | | D | D1 | D2 | L1 | L3 | L4 | L5 | |
| TCS 0B | M4-M8(M10) | 23 | 12.5 | 13 | 15 | 20 | 19.5 | 21 | |
| TCS 1B | M3-M12(M14) | 32 | 19 | 19 | 17 | 25 | 21.5 | 25 | 0.18 |
| TCS 2B | M8-M22 | 50 | 30 | 31 | 30 | 31 | 35.5 | 33 | 0.55 |
| TCS 3B | M14-M38 | 72 | 47 | 48 | 44 | 41 | 55.5 | 45 | 1.58 |

平面铣刀柄 (直柄式)



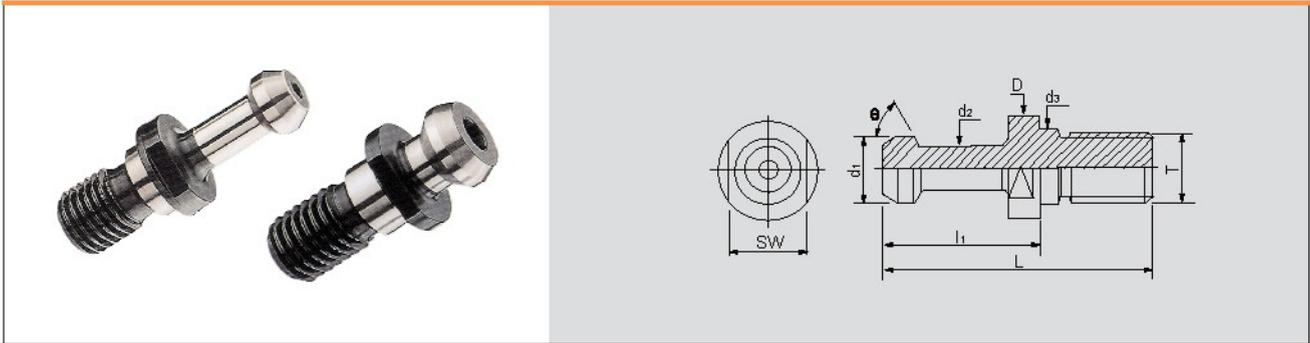
| 型号 | | 基本尺寸(mm) | | | | | | | | 重量 |
|-----------|-----------|----------|----|----|-----|-------|-------|------|------|-------|
| | | D | d1 | d2 | L1 | L2 | L | K1 | K2 | |
| BT30 | FMB22-45 | 48 | 22 | 26 | 45 | 18 | 111.4 | 4.8 | 10 | 0.85 |
| | FMB22-60 | 48 | 22 | 26 | 60 | 18 | 126.4 | 4.8 | 10 | 1.25 |
| | FMB27-45 | 60 | 27 | 33 | 45 | 20 | 113.4 | 5.8 | 12 | 1.20 |
| | FMB27-60 | 60 | 27 | 33 | 60 | 20 | 128.4 | 5.8 | 12 | 1.35 |
| BT40 | FMB32-45 | 78 | 32 | 40 | 45 | 22 | 115.4 | 6.8 | 14 | 1.35 |
| | FMB22-45 | 48 | 22 | 26 | 45 | 18 | 128.4 | 4.8 | 10 | 1.45 |
| | FMB22-60 | 48 | 22 | 26 | 60 | 18 | 143.4 | 4.8 | 10 | 1.70 |
| | FMB22-90 | 48 | 22 | 26 | 90 | 18 | 173.4 | 4.8 | 10 | 2.20 |
| | FMB22-150 | 48 | 22 | 26 | 150 | 18 | 233.4 | 4.8 | 10 | 3.10 |
| | FMB22-200 | 48 | 22 | 26 | 200 | 18 | 183.4 | 4.8 | 10 | 3.50 |
| | FMB27-45 | 60 | 27 | 33 | 45 | 20 | 130.4 | 5.8 | 12 | 1.60 |
| | FMB27-60 | 60 | 27 | 33 | 60 | 20 | 145.4 | 5.8 | 12 | 2.00 |
| | FMB27-90 | 60 | 27 | 33 | 90 | 20 | 175.4 | 5.8 | 12 | 2.30 |
| | FMB27-105 | 60 | 27 | 33 | 105 | 20 | 190.4 | 5.8 | 12 | 2.50 |
| | FMB32-45 | 78 | 32 | 40 | 45 | 22 | 132.4 | 6.8 | 14 | 1.75 |
| | FMB32-60 | 78 | 32 | 40 | 60 | 22 | 147.4 | 6.8 | 14 | 2.10 |
| BT50 | FMB40-60 | 80 | 40 | 50 | 60 | 25 | 150.4 | 8.3 | 16 | 2.80 |
| | FMB22-45 | 48 | 22 | 26 | 45 | 18 | 164.8 | 4.8 | 10 | 4.50 |
| | FMB22-90 | 48 | 22 | 26 | 90 | 18 | 209.8 | 4.8 | 10 | 5.10 |
| | FMB22-150 | 48 | 22 | 26 | 150 | 18 | 269.8 | 4.8 | 10 | 6.80 |
| | FMB22-200 | 48 | 22 | 26 | 200 | 18 | 319.8 | 4.8 | 10 | 7.00 |
| | FMB22-250 | 48 | 22 | 26 | 250 | 18 | 369.8 | 4.8 | 10 | 8.00 |
| | FMB22-300 | 60 | 22 | 26 | 300 | 18 | 419.8 | 4.8 | 10 | 9.00 |
| | FMB22-350 | 60 | 22 | 26 | 350 | 18 | 469.8 | 4.8 | 10 | 10.00 |
| | FMB22-400 | 60 | 22 | 26 | 400 | 18 | 519.8 | 4.8 | 10 | 11.00 |
| | FMB27-50 | 60 | 27 | 33 | 50 | 20 | 171.8 | 5.8 | 12 | 4.60 |
| | FMB27-90 | 60 | 27 | 33 | 90 | 20 | 211.8 | 5.8 | 12 | 5.40 |
| | FMB27-150 | 60 | 27 | 33 | 150 | 20 | 271.8 | 5.8 | 12 | 7.50 |
| | FMB27-200 | 60 | 27 | 33 | 200 | 20 | 321.8 | 5.8 | 12 | 9.50 |
| | FMB27-250 | 60 | 27 | 33 | 250 | 20 | 371.8 | 5.8 | 12 | 11.0 |
| | FMB32-50 | 78 | 32 | 40 | 50 | 22 | 173.8 | 6.8 | 14 | 5.70 |
| | FMB32-90 | 78 | 32 | 40 | 90 | 22 | 213.8 | 6.8 | 14 | 5.80 |
| | FMB40-50 | 85 | 40 | 50 | 50 | 25 | 176.8 | 8.3 | 16 | 5.20 |
| | FMB40-90 | 85 | 40 | 50 | 90 | 25 | 216.8 | 8.3 | 16 | 6.00 |
| | FMB40-105 | 85 | 40 | 50 | 105 | 25 | 231.8 | 8.3 | 16 | 7.20 |
| | FMB40F-75 | 110 | 40 | - | 75 | 26 | 202.8 | 8.3 | 16 | 6.00 |
| FMB60F-75 | 140 | 60 | - | 75 | 25 | 201.8 | 12.5 | 25.4 | 8.50 | |

侧铣式刀柄



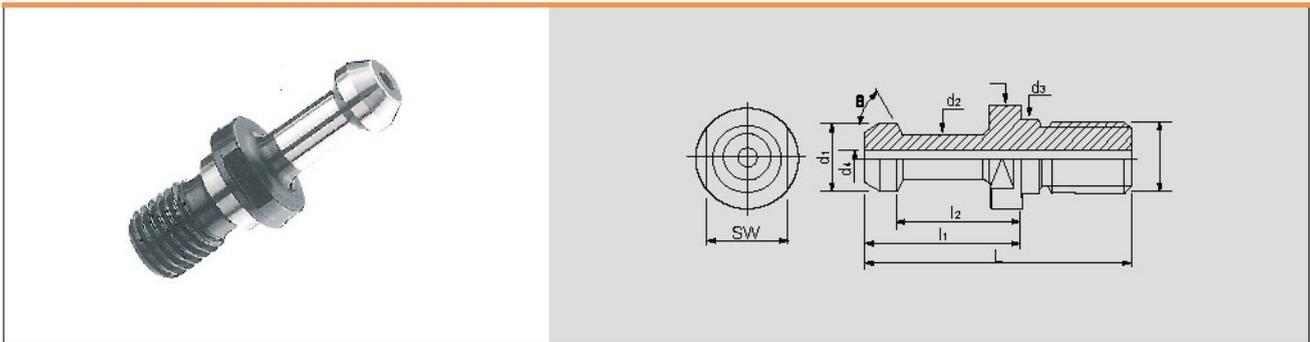
| 型号 | | 基本尺寸(mm) | | | | | | | 重量 |
|-----------|---------------|----------|-----|-----|------|------|------|------------|------|
| | | L2 | D2 | D | L | H | K | Cutter Dia | |
| BT30 | SCA10-60 | 10 | 18 | 46 | 60 | - | - | 40 | 0.80 |
| | SCA16-75 | 16 | 26 | 46 | 75 | 17.7 | 4 | 60 | 0.90 |
| | SCA22-75 | 22 | 34 | 46 | 75 | 24.3 | 6 | 75 | 1.00 |
| | SCA22-120 | 22 | 34 | 46 | 120 | 24.3 | 6 | 75 | 1.00 |
| | SCA22.225-75 | 22.225 | 34 | 46 | 75 | 24.6 | 3.17 | 75 | 1.50 |
| BT40 | SCA25.4-120 | 25.4 | 40 | 46 | 120 | 28.4 | 6.35 | 100 | 1.50 |
| | SCA16-75 | 16 | 26 | 63 | 75 | 17.7 | 4 | 60 | 1.80 |
| | SCA16-105 | 16 | 26 | 63 | 105 | 17.7 | 4 | 60 | 1.70 |
| | SCA22-75 | 22 | 34 | 63 | 75 | 24.3 | 6 | 75 | 2.00 |
| | SCA22-120 | 22 | 34 | 63 | 120 | 24.3 | 6 | 75 | 1.70 |
| | SCA22.225-75 | 22.225 | 34 | 63 | 75 | 24.6 | 3.17 | 75 | 2.00 |
| | SCA22.225-120 | 22.225 | 34 | 63 | 120 | 24.6 | 3.17 | 75 | 1.90 |
| | SCA25.4-75 | 25.4 | 40 | 63 | 75 | 28.4 | 6.35 | 100 | 2.30 |
| | SCA25.4-120 | 25.4 | 40 | 63 | 120 | 28.4 | 6.35 | 100 | 1.90 |
| | SCA27-75 | 27 | 40 | 63 | 75 | 30 | 7 | 100 | 2.30 |
| | SCA27-120 | 27 | 40 | 63 | 120 | 30 | 7 | 100 | 2.40 |
| | SCA31.75-90 | 31.75 | 46 | 63 | 90 | 34.8 | 7.93 | 125 | 2.40 |
| | SCA32-90 | 31.75 | 46 | 63 | 90 | 35 | 8 | 125 | 4.00 |
| BT50 | SCA16-90 | 16 | 26 | 100 | 90 | 17.7 | 4 | 60 | 4.10 |
| | SCA16-120 | 16 | 26 | 100 | 120 | 17.7 | 4 | 60 | 4.30 |
| | SCA22-90 | 22 | 34 | 100 | 90 | 24.3 | 6 | 75 | 4.60 |
| | SCA22-135 | 22 | 34 | 100 | 135 | 24.3 | 6 | 75 | 4.70 |
| | SCA22.225-90 | 22.225 | 34 | 100 | 90 | 24.6 | 3.17 | 75 | 5.10 |
| | SCA22.225-135 | 22.225 | 34 | 100 | 135 | 24.6 | 3.17 | 75 | 4.70 |
| | SCA25.4-90 | 25.4 | 40 | 100 | 90 | 28.4 | 6.35 | 100 | 5.10 |
| | SCA25.4-135 | 25.4 | 40 | 100 | 135 | 28.4 | 6.35 | 100 | 4.70 |
| | SCA27-90 | 27 | 40 | 100 | 90 | 30 | 7 | 100 | 5.10 |
| | SCA27-135 | 27 | 40 | 100 | 135 | 30 | 7 | 100 | 5.10 |
| | SCA31.75-90 | 31.75 | 46 | 100 | 90 | 34.8 | 7.93 | 125 | 5.70 |
| | SCA31.75-135 | 31.75 | 46 | 100 | 135 | 34.8 | 7.93 | 125 | 5.10 |
| | SCA32-90 | 32 | 46 | 100 | 90 | 35 | 8 | 125 | 5.70 |
| | SCA32-135 | 32 | 46 | 100 | 135 | 35 | 8 | 125 | 5.80 |
| | SCA38.1-90 | 38.1 | 55 | 100 | 90 | 42.4 | 9.52 | 150 | 6.80 |
| | SCA38.1-135 | 38.1 | 55 | 100 | 135 | 42.4 | 9.52 | 150 | 5.80 |
| | SCA40-90 | 40 | 55 | 100 | 90 | 43.7 | 10 | 150 | 6.80 |
| SCA40-135 | 40 | 55 | 100 | 135 | 43.7 | 10 | 150 | | |

BT 拉钉



| 型号 | 基本尺寸(mm) | | | | | | |
|----------|----------|----|----|------|----|----|-----|
| | D | d1 | d2 | d3 | L | l1 | T |
| BT30-45° | 16.5 | 11 | 7 | 12.5 | 42 | 23 | M12 |
| BT40-45° | 23 | 15 | 10 | 17 | 60 | 35 | M16 |
| BT50-45° | 38 | 23 | 17 | 25 | 85 | 45 | M24 |
| BT30-60° | 16.5 | 11 | 7 | 12.5 | 43 | 23 | M12 |
| BT40-60° | 23 | 15 | 10 | 17 | 60 | 35 | M16 |
| BT50-60° | 38 | 23 | 17 | 25 | 85 | 45 | M24 |
| BT30-90° | 16.5 | 11 | 7 | 12.5 | 43 | 23 | M12 |
| BT40-90° | 23 | 15 | 10 | 17 | 60 | 35 | M16 |
| BT50-90° | 38 | 23 | 17 | 25 | 85 | 45 | M24 |

BT 给水型拉钉

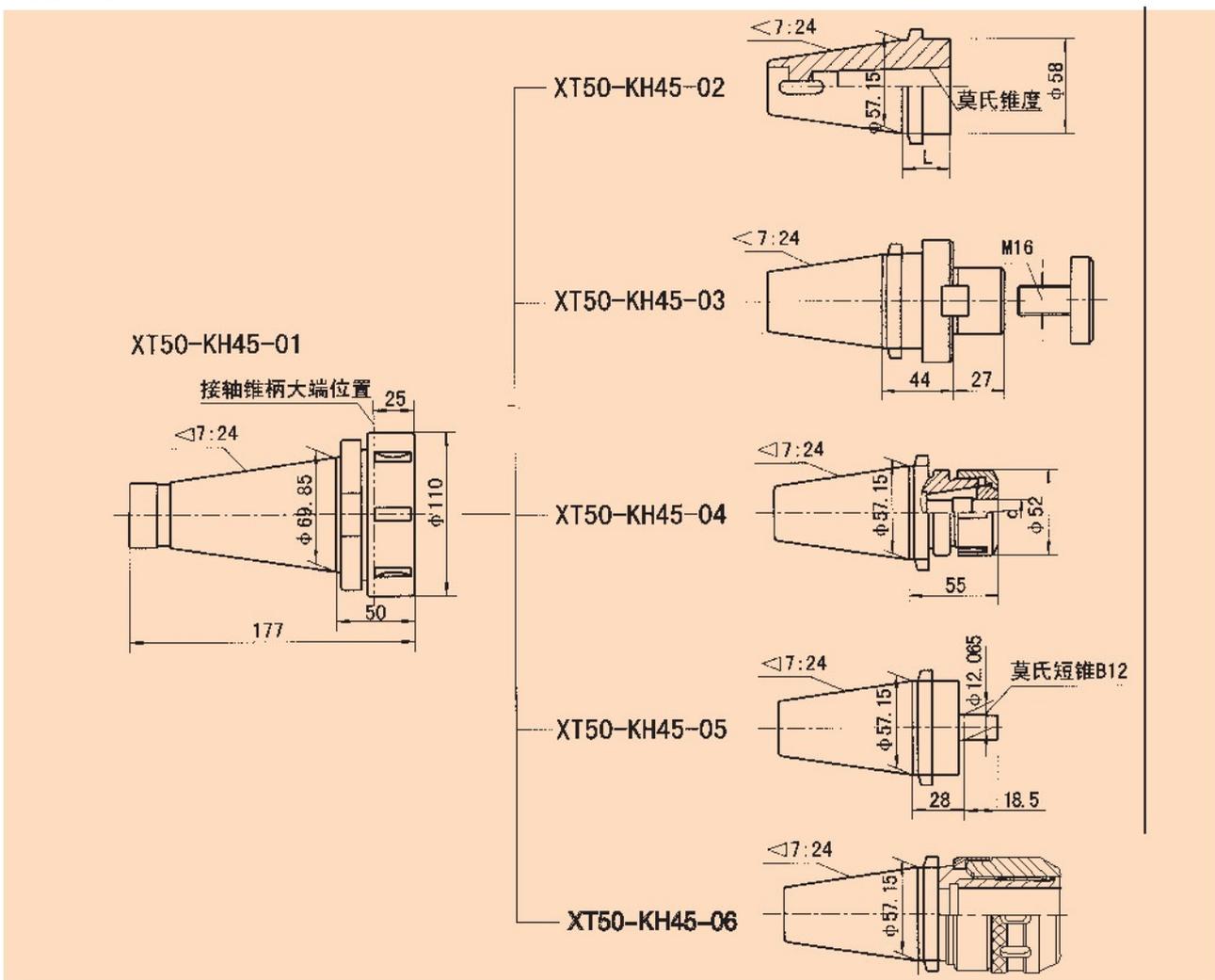


| 型号 | 基本尺寸(mm) | | | | | | | | |
|------------|----------|----|----|----|----|----|----|----|-----|
| | D | D1 | D2 | D3 | D4 | L | l1 | l2 | T |
| BT40-45° W | 23 | 15 | 10 | 17 | 4 | 60 | 35 | 35 | M16 |
| BT40-60° W | 23 | 15 | 10 | 17 | 4 | 60 | 35 | 35 | M16 |
| BT40-90° W | 23 | 15 | 10 | 17 | 4 | 60 | 35 | 35 | M16 |
| BT50-45° W | 38 | 23 | 17 | 25 | 5 | 85 | 45 | 45 | M24 |
| BT50-60° W | 38 | 23 | 17 | 25 | 5 | 85 | 45 | 45 | M24 |
| BT50-90° W | 38 | 23 | 17 | 25 | 5 | 85 | 45 | 45 | M24 |



配套示意图

XT50-KH45型铣夹头套件配置多种夹持不同刀具的接轴，在机床上安装铣夹头后，可方便快捷更换刀具，缩短辅助时间，同时减轻操作者的劳动强度，尤其需频繁更换刀具的操作时，优点更为显著。本铣夹头夹紧可靠，定心精度高，得到广泛应用。

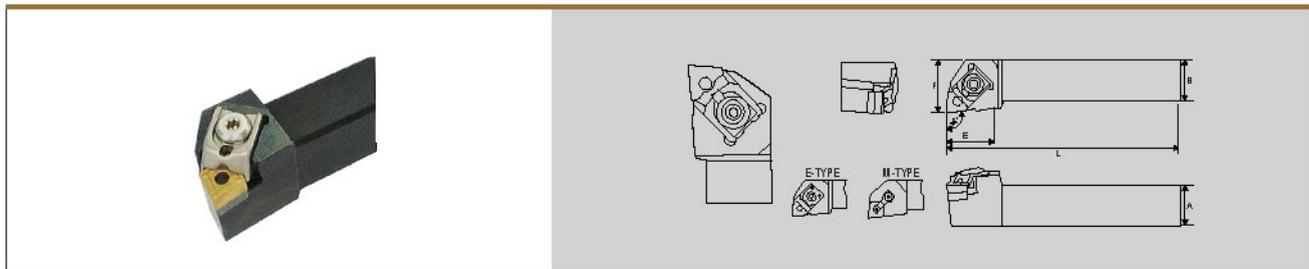


配套明细表

| Type 型号 | 名称 | 规格范围 | 数量 |
|--------------|--------|---|-------|
| XT50-KH45-01 | 铣夹头 | 锥柄规格: 7: 24 ISO50 | 1 |
| XT50-KH45-02 | 莫氏锥柄接轴 | 莫氏锥柄: M2/2MW2(L=25);M3/MW3(L=27);M4/MW4(L=31) | 3 |
| XT50-KH45-03 | 盘铣刀接轴 | 刀具孔径: $\varnothing 40$ | 1 |
| XT50-KH45-04 | 弹簧夹头接轴 | 弹簧夹头: ER32(d=3、4、5、6、8、10、12、16、20) | 1(9) |
| XT50-KH45-05 | 钻夹头接头 | 莫氏短锥: B12 | 1 |
| XT50-KH45-06 | 强力夹头接轴 | 强力夹筒: QJ32(d=3、4、5、6、8、10、12、16、20、25) | 1(10) |



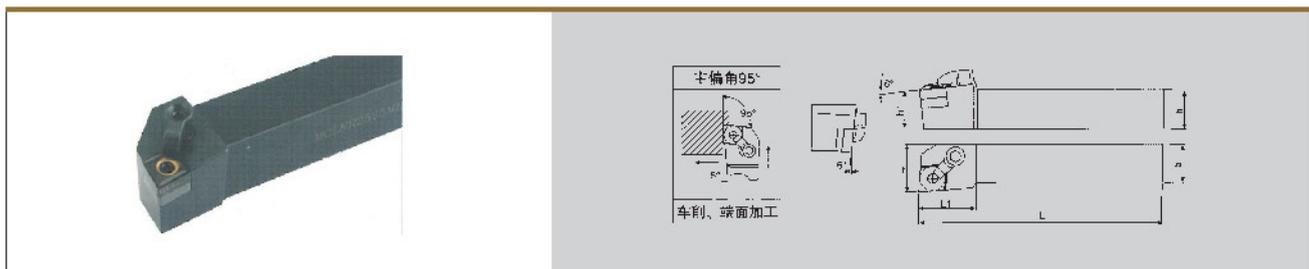
外圆刀 ECLNR/L 95°



| 型号 | 基本尺寸(mm) | | | | | 刀片 | 零件 | | | | | |
|-----------------|----------|----|-----|----|----|----------------|---------|---------|--------|--------|---------|----------------|
| | A | B | L | E | F | | 垫片 | 中心销 | 压板 | 螺丝 | C扣环 | L型扳手 |
| ECLNR/L-2020K12 | 20 | 20 | 125 | 32 | 25 | CN□□ 1204□□ | SMC-432 | LW-4 | CN12-2 | CS80 | C-6 | LW030 LW040 |
| ECLNR/L-2525M12 | 25 | 25 | 150 | 32 | 32 | | | | | | | |
| ECLNR/L-3232P12 | 32 | 32 | 170 | 32 | 40 | | | | | | | |
| ECLNR/L-2525M16 | 25 | 25 | 150 | 32 | 32 | CN□□ 1606□□ | SMC-416 | LW-5 | CN12-2 | CS80 | C-6 | LW040 |
| ECLNR/L-3232P16 | 32 | 32 | 170 | 32 | 40 | | | | | | | |

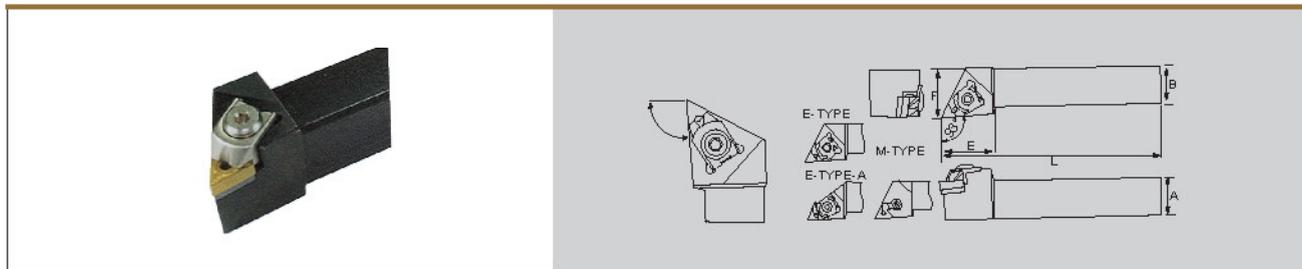
| 型号 | 基本尺寸(mm) | | | | | 刀片 | 零件 | | | | |
|-----------------|----------|----|-----|----|----|----------------|---------|---------|---------|----------|----------|
| | A | B | L | E | F | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| MCLNR/L-1616K12 | 16 | 16 | 125 | 32 | 20 | CN□□ 1204□□ | SMC-432 | LCS-617 | CP50-22 | CS70-21 | LW030 |
| MCLNR/L-2020K12 | 20 | 20 | 125 | 32 | 25 | | | | | CS70-22 | |
| MCLNR/L-2525M12 | 25 | 25 | 150 | 32 | 32 | | | | | | |
| MCLNR/L-3232P12 | 32 | 32 | 170 | 32 | 40 | | | | | | |

外圆刀 MCLNR/L 95°



| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 零件 | | | | |
|-----------------|----------|----|-----|------|----|----|----------------|--------|---------|--------|----------|--------------|
| | h | b | L | L1 | h1 | f | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| MCLNR/L-1616H12 | 16 | 16 | 100 | 16.0 | 16 | 20 | CN□□ 1204□□ | SC1204 | CTM617 | HL1814 | ML0625 | L2.5 L3.0 |
| MCLNR/L-2020K12 | 20 | 20 | 125 | 25.0 | 20 | 32 | | | | | | |
| MCLNR/L-2525M12 | 25 | 25 | 150 | 32.0 | 25 | 32 | | | | | | |
| MCLNR/L-3232P12 | 32 | 32 | 170 | 40.0 | 32 | 32 | CN□□ 1606□□ | SC1606 | CTM819 | HL1719 | ML0830 | L4.0 L5.0 |
| MCLNR/L-2525M16 | 25 | 25 | 150 | 32.0 | 25 | 33 | | | | | | |
| MCLNR/L-3232P16 | 32 | 32 | 170 | 40.0 | 32 | 33 | | | | | | |

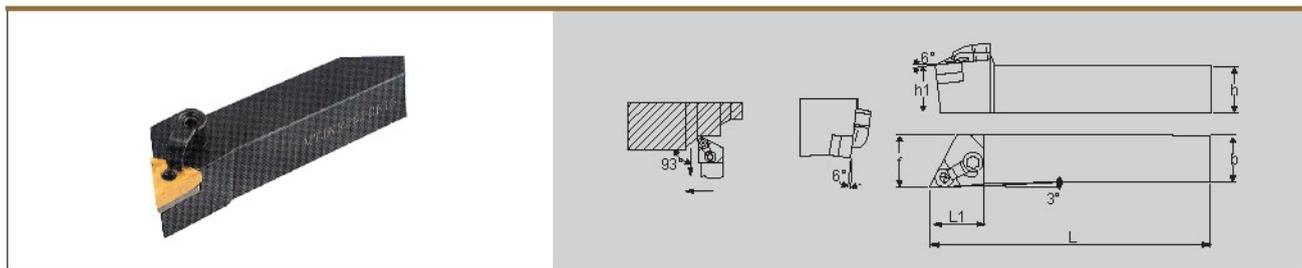
外圆刀 ETJNR/L 93°



| 型号 | 基本尺寸(mm) | | | | | 刀片 | 零件 | | | | | |
|------------------|----------|----|-----|----|----|----------------|---------|---------|--------|--------|---------|----------------|
| | A | B | L | E | F | | 垫片 | 中心销 | 压板 | 螺丝 | C扣环 | L型扳手 |
| ETJNR/L-1616K16 | 16 | 16 | 125 | 30 | 20 | TN□□ 1604□□ | SMT-322 | LT-4 | TN16-2 | CS60E | C-5 | LW025 LW030 |
| ETJNR/L-2020K16 | 20 | 20 | 125 | 32 | 25 | | | LT-3 | TN16-3 | CS80 | C-6 | LW025 LW040 |
| ETJNR/L-2525M16 | 25 | 25 | 150 | 32 | 32 | TN□□ 1604□□ | SMT-322 | LT-3 | TN16-3 | CS80 | C-6 | LW025 LW040 |
| ETJNR/L-3232P16 | 32 | 32 | 170 | 32 | 40 | | | LT-3 | TN16-3 | CS80 | C-6 | LW025 LW040 |
| ETJNR/L-2020K16A | 20 | 20 | 125 | 32 | 25 | TN□□ 1604□□ | SMT-322 | LT-3 | TN16-3 | CS80 | C-6 | LW025 LW040 |
| ETJNR/L-2525M16A | 25 | 25 | 150 | 32 | 32 | | | LT-3 | TN16-3 | CS80 | C-6 | LW025 LW040 |
| ETJNR/L-3232P16A | 32 | 32 | 170 | 32 | 40 | TN□□ 1604□□ | SMT-322 | LT-3 | TN16-3 | CS80 | C-6 | LW025 LW040 |
| ETJNR/L-3232P16A | 32 | 32 | 170 | 32 | 40 | | | LT-3 | TN16-3 | CS80 | C-6 | LW025 LW040 |

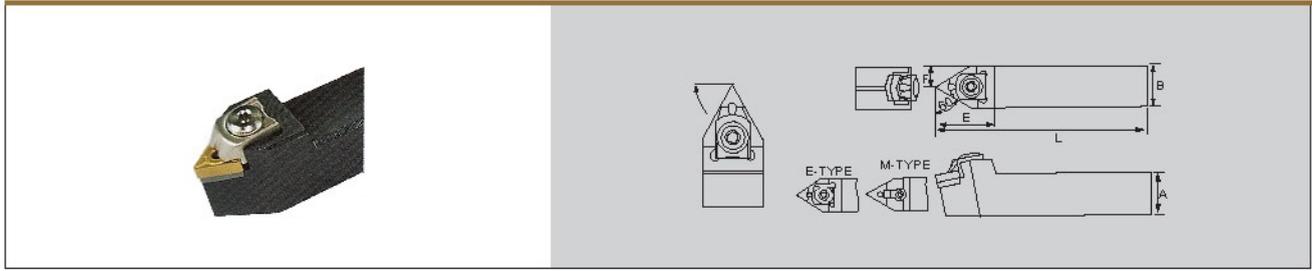
| 型号 | 基本尺寸(mm) | | | | | 刀片 | 零件 | | | | |
|-----------------|----------|----|-----|----|----|----------------|---------|---------|---------|----------|----------------|
| | A | B | L | E | F | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| MTJNR/L-1616K16 | 16 | 16 | 125 | 32 | 20 | TN□□ 1604□□ | SMT-322 | LCS-513 | CP50-22 | CS70-21 | LW020 LW030 |
| MTJNR/L-2020K20 | 20 | 20 | 125 | 32 | 25 | | | | | CS70-22 | |
| MTJNR/L-2525M16 | 25 | 25 | 150 | 32 | 32 | TN□□ 1604□□ | SMT-322 | LCS-513 | CP50-22 | CS70-21 | LW020 LW030 |
| MTJNR/L-3232P16 | 32 | 32 | 170 | 32 | 40 | | | | | CS70-22 | |

外圆刀 MTJNR/L 93°



| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 零件 | | | | |
|-----------------|----------|----|-----|----|----|----|----------------|--------|---------|--------|----------|--------------|
| | h | b | L | L1 | h1 | f | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| MTJNR/L-1616H16 | 16 | 16 | 100 | 30 | 16 | 20 | TN□□ 1604□□ | ST1603 | CTM513 | HL1814 | ML0625 | L2.0 L3.0 |
| MTJNR/L-2020K16 | 20 | 20 | 125 | 32 | 20 | 25 | | | | | | |
| MTJNR/L-2525M16 | 25 | 25 | 150 | 32 | 25 | 32 | TN□□ 1604□□ | ST1603 | CTM513 | HL1814 | ML0625 | L2.0 L3.0 |
| MTJNR/L-3232P16 | 32 | 32 | 170 | 36 | 32 | 40 | | | | | | |

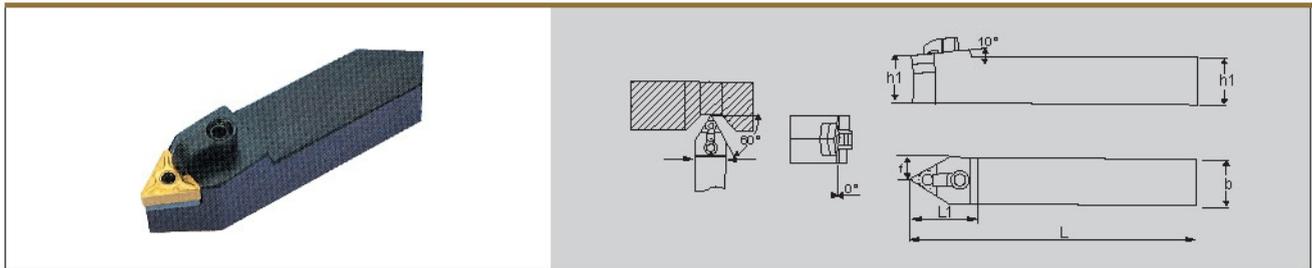
外圆刀 ETENN 60°



| 型号 | 基本尺寸(mm) | | | | | 刀片 | 零件 | | | | | |
|---------------|----------|----|-----|----|------|--------|---------|---------|--------|--------|---------|----------------|
| | A | B | L | E | F | | 垫片 | 中心销 | 压板 | 螺丝 | C扣环 | L型扳手 |
| ETENN-2020K16 | 20 | 20 | 125 | 32 | 10 | TN□□ | SMT-322 | LT-3 | TN16-3 | CS80 | C-6 | LW025 LW040 |
| ETENN-2525M16 | 25 | 25 | 150 | 32 | 12.5 | 1604□□ | | | | | | |

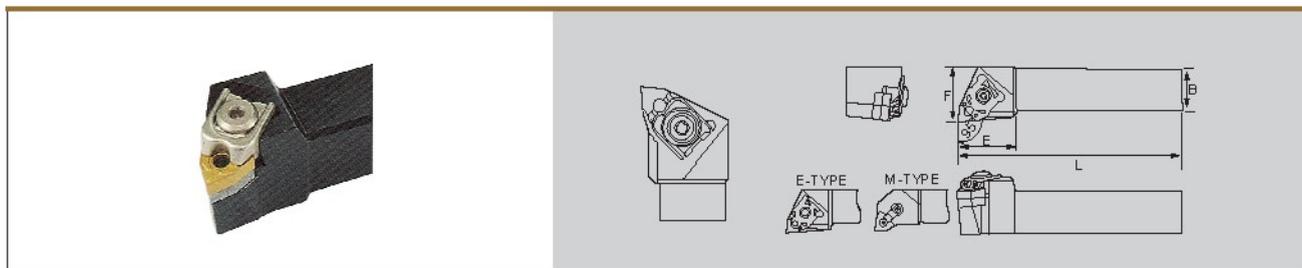
| 型号 | 基本尺寸(mm) | | | | | 刀片 | 零件 | | | | |
|---------------|----------|----|-----|----|------|--------|---------|---------|---------|--------------------|----------------|
| | A | B | L | E | F | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| MTENN-2020K16 | 20 | 20 | 125 | 32 | 10 | TN□□ | SMT-322 | LCS-513 | CP50-22 | CS70-21 CS70-22 | LW020 LW030 |
| MTENN-2525M16 | 25 | 25 | 150 | 32 | 12.5 | 1604□□ | | | | | |

外圆刀 MTENN 60°



| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 零件 | | | | |
|---------------|----------|----|-----|----|----|------|----------------|--------|---------|--------|----------|--------------|
| | h | b | L | L1 | h1 | f | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| MTENN-2020K16 | 20 | 20 | 125 | 35 | 20 | 10 | TN□□ 1604□□ | ST1603 | CTM513 | HL1814 | ML0625 | L2.0 L3.0 |
| MTENN-2525M16 | 25 | 25 | 150 | 35 | 25 | 12.5 | | | | | | |
| MTENN-3232P16 | 32 | 32 | 170 | 35 | 32 | 16 | | | | | | |
| MTENN-4040S16 | 40 | 40 | 250 | 35 | 40 | 20 | TN□□ 2204□□ | ST2204 | CTM819 | HL1719 | ML0830 | L2.5 L4.0 |
| MTENN-2525M22 | 25 | 25 | 150 | 38 | 25 | 12.5 | | | | | | |
| MTENN-3232P22 | 32 | 32 | 170 | 38 | 32 | 16 | | | | | | |

外圆刀 EWLNR/L 95°

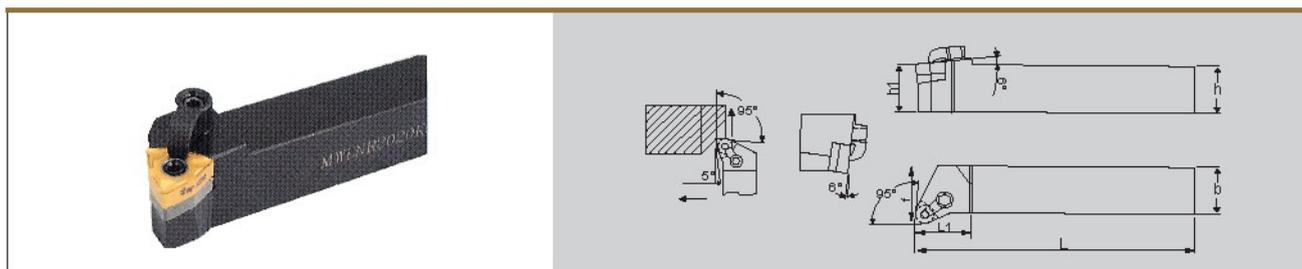


| 型号 | 基本尺寸(mm) | | | | | 刀片  | 零件 | | | | | |
|-----------------|----------|----|-----|----|----|---|--|--|---|---|--|---|
| | A | B | L | E | F | | 垫片  | 中心销  | 压板  | 螺丝  | C扣环  | L型扳手  |
| EWLNR/L-2020K06 | 20 | 20 | 125 | 32 | 25 | WN□□ 0604□□ | SMW-406 | LT-4 | WN06-2 | CS60E | C-5 | LW025 LW030 |
| EWLNR/L-2525M06 | 25 | 25 | 150 | 32 | 32 | | | | | | | |
| EWLNR/L-2020K08 | 20 | 20 | 125 | 32 | 25 | WN□□ 0804□□ | SMW-422 | LW-4 | WN08-4 | CS80 | C-6 | LW030 LW040 |
| EWLNR/L-2525M08 | 25 | 25 | 150 | 32 | 32 | | | | | | | |
| EWLNR/L-3232P08 | 32 | 32 | 170 | 32 | 40 | | | | | | | |

| 型号 | 基本尺寸(mm) | | | | | 刀片  | 零件 | | | | |
|-----------------|----------|----|-----|----|----|--|---|---|--|--|--|
| | A | B | L | E | F | | 垫片  | 中心销  | 压板  | 双头螺丝  | L型扳手  |
| MWLNR/L-2020K08 | 20 | 20 | 125 | 32 | 25 | WN□□ 0804□□ | SMW-422 | LCS-617 | CP50-22 | CS70-21 | LW030 |
| MWLNR/L-2525M08 | 25 | 25 | 150 | 32 | 32 | | | | CS70-22 | | |
| MWLNR/L-3232P08 | 32 | 32 | 170 | 32 | 40 | | | | | | |

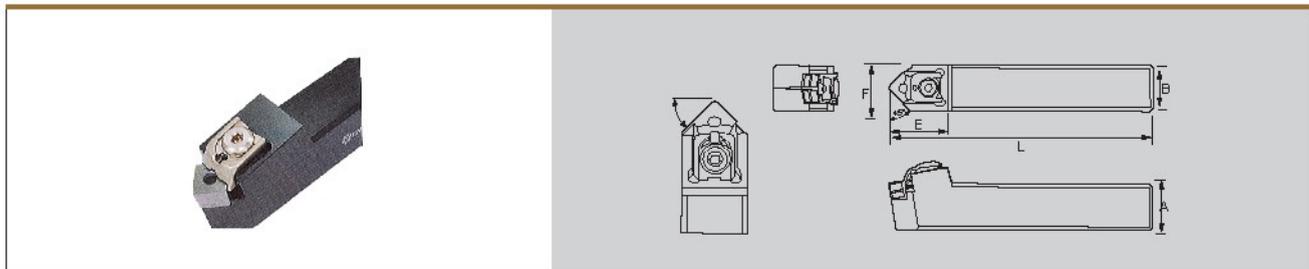
车削刀具

外圆刀 MWLNR/L 95°



| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | | | | |
|-----------------|----------|----|-----|------|----|----|---|--|--|---|---|---|
| | h | b | L | L1 | h1 | f | | 垫片  | 中心销  | 压板  | 双头螺丝  | L型扳手  |
| MWLNR/L-2020K06 | 20 | 20 | 125 | 25.0 | 20 | 32 | WN□□ 0604□□ | SW0603 | CTM510 | HL0513 | ML0520 | L2.5 L3.0 |
| MWLNR/L-2525M06 | 25 | 25 | 150 | 32.0 | 25 | 32 | | | | | | |
| MWLNR/L-3232P06 | 32 | 32 | 170 | 40.0 | 32 | 32 | | | | | | |
| MWLNR/L-2020K08 | 20 | 20 | 125 | 25.0 | 20 | 32 | WN□□ 0804□□ | SW0804 | CTM513 | HL1814 | ML0625 | L2.5 L3.0 |
| MWLNR/L-2525M08 | 25 | 25 | 150 | 32.0 | 25 | 32 | | | | | | |
| MWLNR/L-3232P08 | 32 | 32 | 170 | 40.0 | 32 | 32 | | | | | | |

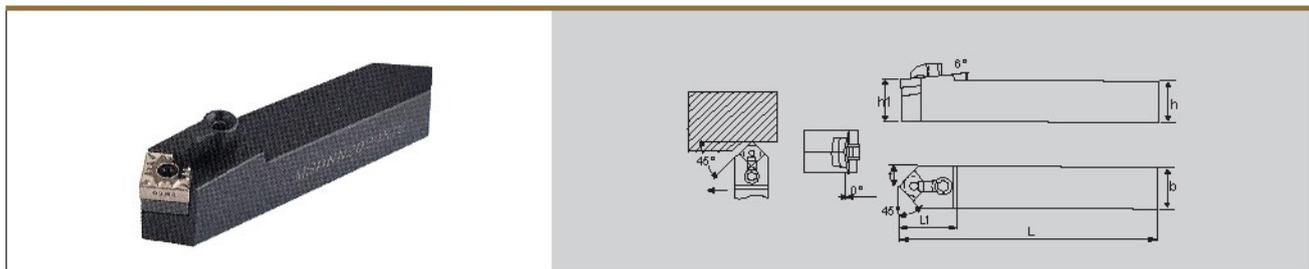
外圆刀 ESDNN 45°



| 型号 | 基本尺寸(mm) | | | | | 刀片 ☉ SN□□ 1204□□ | 零件 | | | | | |
|---------------|----------|----|-----|----|------|---------------------------|-------------|----------|---------|---------|----------|----------------|
| | A | B | L | E | F | | 垫片 ☉ | 中心销 ⊕ | 压板 ⊕ | 螺丝 ⊕ | C扣环 C | L型扳手 ⊕ |
| ESDNN-2020K12 | 20 | 20 | 125 | 34 | 10 | SN□□ 1204□□ | SMS- 432 | LW-4 | SN12 | CS80 | C-6 | LW030 LW040 |
| ESDNN-2525M12 | 25 | 25 | 150 | 34 | 12.5 | | | | | | | |
| ESDNN-3232P12 | 32 | 32 | 170 | 34 | 16 | | | | | | | |

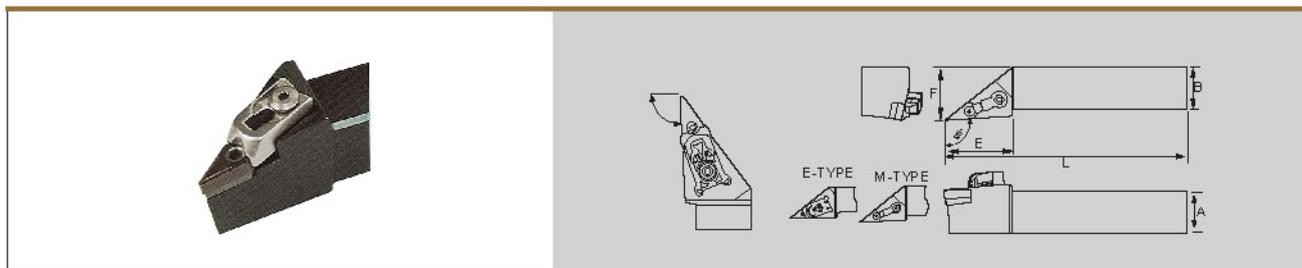
| 型号 | 基本尺寸(mm) | | | | | 刀片 ☉ SN□□ 1204□□ | 零件 | | | | |
|---------------|----------|----|-----|----|------|---------------------------|-------------|-------------|-------------|-----------|-----------|
| | A | B | L | E | F | | 垫片 ☉ | 中心销 ⊕ | 压板 ⊕ | 双头螺丝 ⊕ | L型扳手 ⊕ |
| MSDNN-2020K12 | 20 | 20 | 125 | 34 | 10 | SN□□ 1204□□ | SMS- 432 | LCS- 617 | CP50- 22 | CS70-21 | LW030 |
| MSDNN-2525M12 | 25 | 25 | 150 | 34 | 12.5 | | | | | CS70-22 | |
| MSDNN-3232P12 | 32 | 32 | 170 | 34 | 16 | | | | | | |

外圆刀 MSDNN 45°



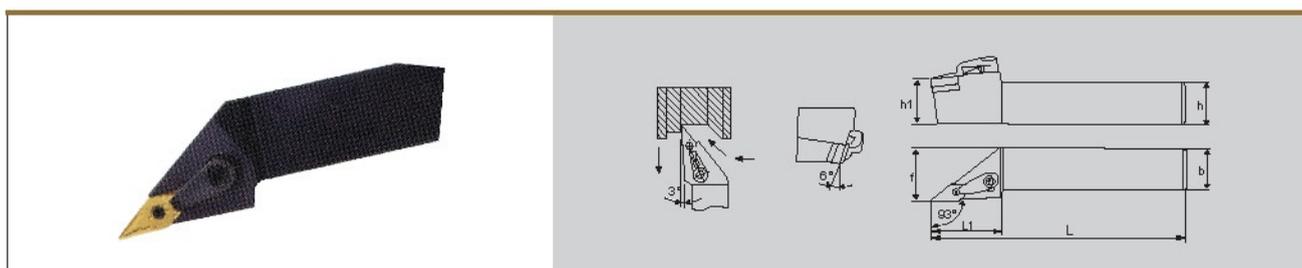
| 型号 | 基本尺寸(mm) | | | | | | 刀片 ☉ SN□□ 1204□□ | 零件 | | | | |
|---------------|----------|----|-----|----|----|------|---------------------------|---------|----------|---------|-----------|--------------|
| | h | b | L | L1 | h1 | f | | 垫片 ☉ | 中心销 ⊕ | 压板 ⊕ | 双头螺丝 ⊕ | L型扳手 ⊕ |
| MSDNN-1616H12 | 16 | 16 | 100 | 34 | 16 | 8 | SN□□ 1204□□ | SS1204 | CTM617 | HL1814 | ML0625 | L3.0 L4.0 |
| MSDNN-2020K12 | 20 | 20 | 125 | 34 | 20 | 10 | | | | | | |
| MSDNN-2525M12 | 25 | 25 | 150 | 34 | 25 | 12.5 | | | | | | |
| MSDNN-3232P12 | 32 | 32 | 170 | 34 | 32 | 16 | | | | | | |

外圆刀 MSKNR/L 93°



| 型号 | 基本尺寸(mm) | | | | | 刀片  | 零件 | | | | |
|-----------------|----------|----|-----|----|----|---|--|--|---|---|---|
| | A | B | L | E | F | | 垫片  | 中心销  | 压板  | 双头螺丝  | L型扳手  |
| MSKNR/L-2020K12 | 20 | 20 | 125 | 32 | 25 | SN□□ 1204□□ | SMS-432 | LCS-617 | CP50-22 | CS70-21 | LW030 |
| MSKNR/L-2525M12 | 25 | 25 | 150 | 32 | 32 | | | | | CS70-22 | |
| MSKNR/L-3232P12 | 32 | 32 | 170 | 32 | 40 | | | | | | |

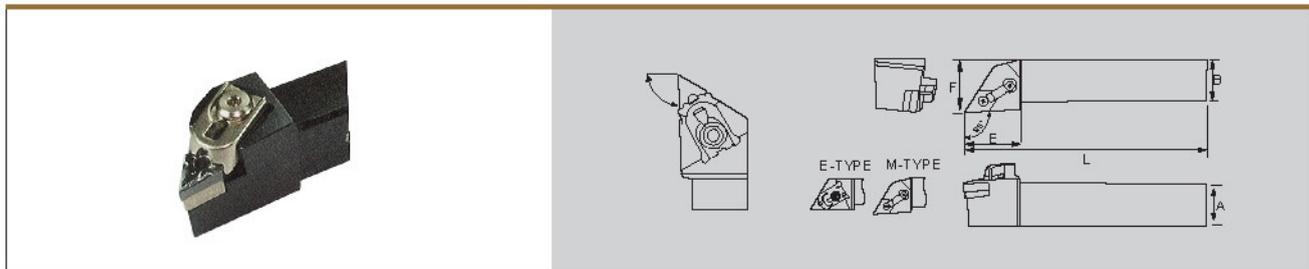
外圆刀 EVJNR/L 93°



| 型号 | 基本尺寸(mm) | | | | | 刀片  | 零件 | | | | | |
|-----------------|----------|----|-----|----|----|---|---|--|---|---|--|---|
| | A | B | L | E | F | | 垫片  | 中心销  | 压板  | 螺丝  | C扣环  | L型扳手  |
| EVJNR/L-2020K12 | 20 | 20 | 125 | 47 | 25 | VN□□ | - | LT-2 | VN12 | CS60E | C-5 | LW025 LW030 |
| EVJNR/L-2525M12 | 25 | 25 | 150 | 47 | 32 | 12T3□□ | | | | | | |
| EVJNR/L-2020K16 | 20 | 20 | 125 | 47 | 25 | VN□□ | SMV-322 | LW-3 | VN16 | CS60E | C-5 | |
| EVJNR/L-2525M16 | 25 | 25 | 150 | 47 | 32 | 1604□□ | | | | | | |
| EVJNR/L-3232P16 | 32 | 32 | 170 | 47 | 40 | | | | | | | |

| 型号 | 基本尺寸(mm) | | | | | 刀片  | 零件 | | | | |
|-----------------|----------|----|-----|----|----|---|---|--|---|---|---|
| | A | B | L | E | F | | 垫片  | 中心销  | 压板  | 双头螺丝  | L型扳手  |
| MVJNR/L-2020K16 | 20 | 20 | 125 | 37 | 25 | VN□□ | SMV-322 | LCS-513 | CP50-24 | CS70-21 | LW020 LW030 |
| MVJNR/L-2525M16 | 25 | 25 | 150 | 37 | 32 | 1604□□ | | | | CS70-22 | |
| MVJNR/L-3232P16 | 32 | 32 | 170 | 37 | 40 | | | | | | |

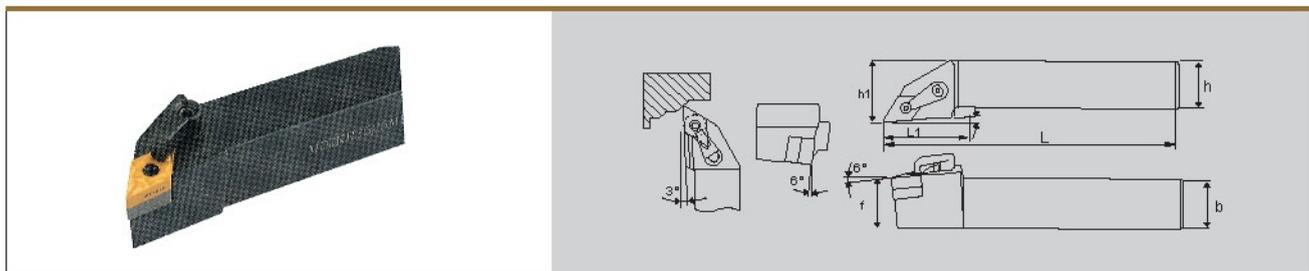
外圆刀 EDJNR/L 93°



| 型号 | 基本尺寸(mm) | | | | | 刀片 | 零件 | | | | | |
|------------------|----------|----|-----|----|----|--------|---------|------|------|-------|-----|-------|
| | A | B | L | E | F | | 垫片 | 中心销 | 压板 | 螺丝 | C扣环 | L型扳手 |
| EDJNR/L-2020K11 | 20 | 20 | 125 | 36 | 25 | DN□□ | - | LT-3 | DN11 | CS60E | C-5 | LW025 |
| EDJNR/L-2525M11 | 25 | 25 | 150 | 36 | 32 | 1104□□ | | | | | | LW030 |
| EDJNR/L-2020K15 | 20 | 20 | 125 | 36 | 25 | DN□□ | SMD-463 | LD-1 | DN15 | CS80 | C-6 | LW030 |
| EDJNR/L-2525M15 | 25 | 25 | 150 | 36 | 32 | 1504□□ | | | | | | LW040 |
| EDJNR/L-3232P15 | 32 | 32 | 170 | 36 | 40 | | | | | | | |
| EDJNR/L-2020K15A | 20 | 20 | 125 | 36 | 25 | DN□□ | SMD-466 | LW-4 | DN15 | CS80 | C-6 | LW030 |
| EDJNR/L-2525M15A | 25 | 25 | 150 | 36 | 32 | 1506□□ | | | | | | LW040 |
| EDJNR/L-3232P15A | 32 | 32 | 170 | 36 | 40 | | | | | | | |

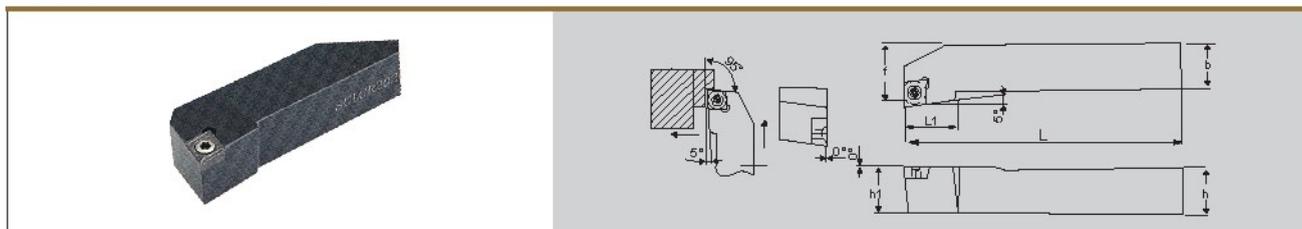
| 型号 | 基本尺寸(mm) | | | | | 刀片 | 零件 | | | | |
|------------------|----------|----|-----|----|----|--------|---------|---------|---------|---------|-------|
| | A | B | L | E | F | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| MDJNR/L-2020K15 | 20 | 20 | 125 | 36 | 25 | DN□□ | SMD-463 | LCS-619 | CP50-24 | CS70-21 | LW030 |
| MDJNR/L-2525M15 | 25 | 25 | 150 | 36 | 32 | 1504□□ | | | CS70-22 | | |
| MDJNR/L-3232P15 | 32 | 32 | 170 | 36 | 40 | | | | | | |
| MDJNR/L-2020K15A | 20 | 20 | 125 | 36 | 25 | DN□□ | SMD-466 | LCS-619 | CP50-24 | CS70-21 | LW030 |
| MDJNR/L-2525M15A | 25 | 25 | 150 | 36 | 32 | 1506□□ | | | CS70-22 | | |
| MDJNR/L-3232P15A | 32 | 32 | 170 | 36 | 40 | | | | | | |

外圆刀 (压板式) MDJNR/L 93°



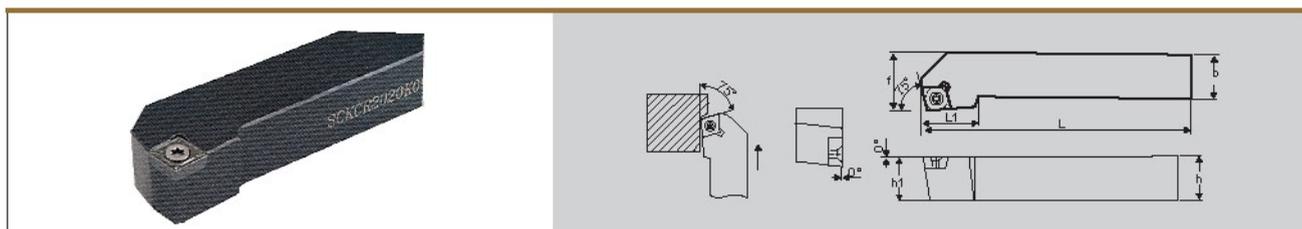
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 零件 | | | | |
|-----------------|----------|----|-----|----|----|----|--------|--------|--------|--------|--------|------|
| | h | b | L | L1 | h1 | f | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| MDJNR/L-1616H11 | 15 | 16 | 100 | 30 | 16 | 20 | DN□□ | SD1103 | CTM513 | HL1814 | ML0625 | L2.0 |
| MDJNR/L-2020K11 | 20 | 20 | 125 | 30 | 20 | 25 | 1104□□ | | | | | L3.0 |
| MDJNR/L-2525M11 | 25 | 25 | 150 | 30 | 25 | 32 | | | | | | |
| MDJNR/L-2020K15 | 20 | 20 | 125 | 38 | 20 | 25 | DN□□ | SD1506 | CTM610 | HL2114 | ML0625 | L2.5 |
| MDJNR/L-2525M15 | 25 | 25 | 150 | 38 | 25 | 32 | 1504□□ | | | | | L3.0 |
| MDJNR/L-3232P15 | 32 | 32 | 170 | 38 | 32 | 40 | | | | | | |

外圆刀 SCLCR/L 95°



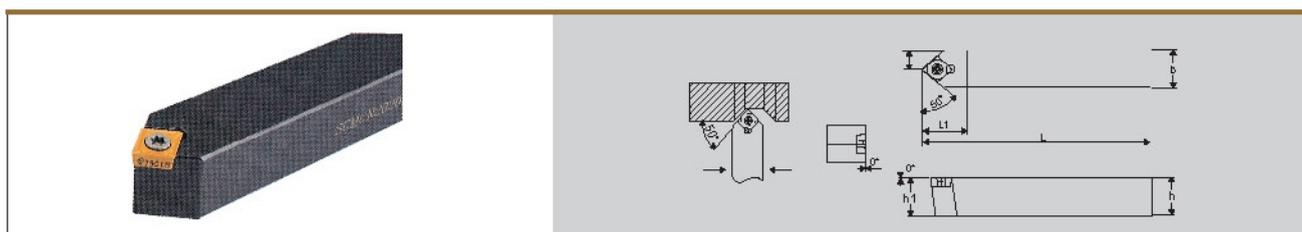
| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|-----------------|----------|----|-----|----|----|----|---|---|---|
| | h | b | L | L1 | h1 | f | | 螺丝  | 扳手  |
| SCLCR/L-0808D06 | 08 | 08 | 80 | 10 | 08 | 10 | CC□□0602□□ | M2.5x6 | T8 |
| SCLCR/L-1010E06 | 10 | 10 | 100 | 12 | 10 | 10 | | | |
| SCLCR/L-1212F09 | 12 | 12 | 100 | 16 | 12 | 16 | CC□□09T3□□ | M4x8 | T15 |
| SCLCR/L-1616H09 | 16 | 16 | 100 | 20 | 16 | 16 | | | |
| SCLCR/L-2020K09 | 20 | 20 | 125 | 25 | 20 | 20 | | | |
| SCLCR/L-2525M09 | 25 | 25 | 150 | 32 | 25 | 25 | | | |
| SCLCR/L-2020K12 | 20 | 20 | 125 | 25 | 20 | 25 | CC□□1204□□ | M5x12 | T20 |
| SCLCR/L-2525M12 | 25 | 25 | 150 | 32 | 25 | 32 | | | |

外圆刀 SCKCR/L 75°



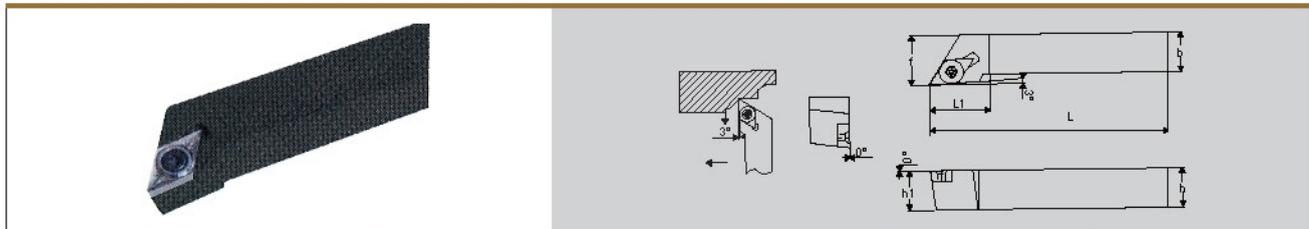
| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|-----------------|----------|----|-----|----|----|----|---|---|---|
| | h | b | L | L1 | h1 | f | | 螺丝  | 扳手  |
| SCKCR/L-2020K09 | 20 | 20 | 125 | 23 | 20 | 25 | CC□□09T3□□ | M4x10 | T15 |
| SCKCR/L-2525M09 | 25 | 25 | 150 | 23 | 25 | 32 | | | |
| SCKCR/L-2020K12 | 20 | 20 | 125 | 28 | 20 | 25 | CC□□1204□□ | M5x12 | T20 |
| SCKCR/L-2525M12 | 25 | 25 | 150 | 28 | 25 | 32 | | | |

外圆刀 SCMCN 50°



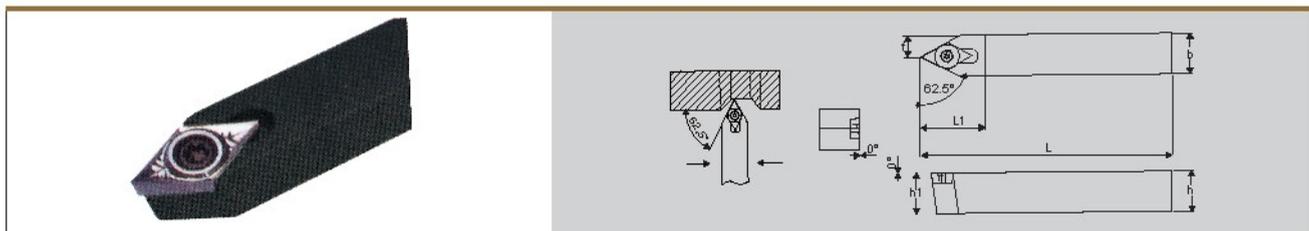
| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|---------------|----------|----|-----|----|----|------|---|---|---|
| | h | b | L | L1 | h1 | f | | 螺丝  | 扳手  |
| SCMCN-1010H06 | 10 | 10 | 100 | 13 | 10 | 5 | CC□□0602□□ | M2.5x6 | T8 |
| SCMCN-1212H09 | 12 | 12 | 100 | 18 | 12 | 6 | | | |
| SCMCN-1616H09 | 16 | 16 | 100 | 18 | 16 | 8 | CC□□09T3□□ | M4x10 | T15 |
| SCMCN-2020K09 | 20 | 20 | 125 | 18 | 20 | 10 | | | |
| SCMCN-2525M09 | 25 | 25 | 150 | 18 | 25 | 12.5 | | | |
| SCMCN-2020K12 | 20 | 20 | 125 | 23 | 20 | 10 | CC□□1204□□ | M5x12 | T20 |
| SCMCN-2525M12 | 25 | 25 | 150 | 23 | 25 | 12.5 | | | |

外圆刀 SDJCR/L 93°



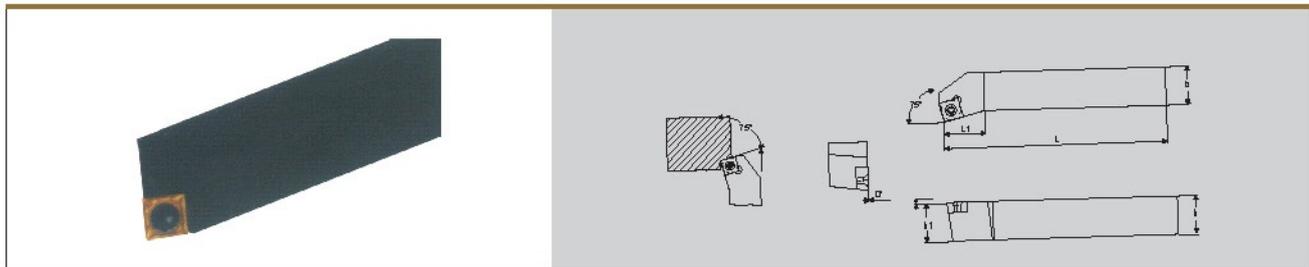
| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|-----------------|----------|----|-----|----|----|----|---|---|---|
| | h | b | L | L1 | h1 | f | | 螺丝  | 扳手  |
| SDJCR/L-1010E07 | 10 | 10 | 70 | 12 | 10 | 15 | DC□□T0702□□ | M2.5x6 | T8 |
| SDJCR/L-1212F07 | 12 | 12 | 80 | 16 | 12 | 15 | | | |
| SDJCR/L-1616H07 | 16 | 16 | 100 | 20 | 16 | 18 | | | |
| SDJCR/L-1212F11 | 12 | 12 | 80 | 16 | 12 | 15 | DC□□T11T3□□ | M4x8 | T15 |
| SDJCR/L-1616H11 | 16 | 16 | 100 | 20 | 16 | 24 | | | |
| SDJCR/L-2020K11 | 20 | 20 | 125 | 20 | 20 | 24 | | | |
| SDJCR/L-2525M11 | 25 | 25 | 150 | 23 | 25 | 29 | | | |
| SDJCR/L-3232P11 | 32 | 32 | 170 | 23 | 32 | 40 | | | |
| SDJCR/L-4040R11 | 40 | 40 | 200 | 25 | 40 | 50 | | | |

外圆刀 SDNCN 62.5°



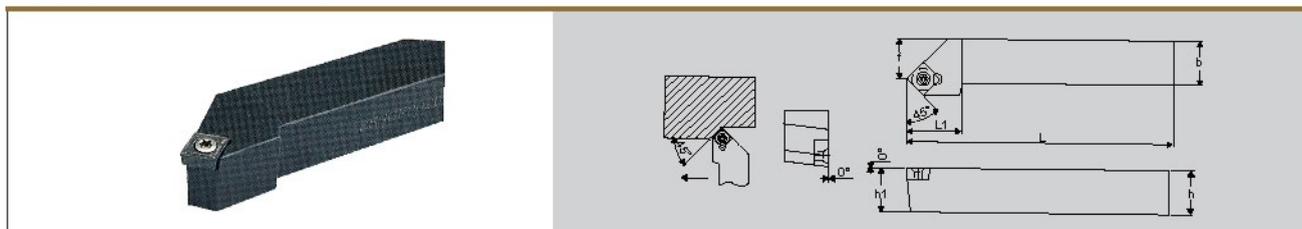
| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|---------------|----------|----|-----|----|----|----|---|---|---|
| | h | b | L | L1 | h1 | f | | 螺丝  | 扳手  |
| SDNCN-1010E07 | 10 | 10 | 70 | 14 | 10 | 5 | DC□□T0702□□ | M2.5x6 | T8 |
| SDNCN-1212F07 | 12 | 12 | 80 | 14 | 12 | 6 | DC□□T11T3□□ | M4x8 | T15 |
| SDNCN-1212H11 | 12 | 12 | 100 | 21 | 12 | 6 | | | |
| SDNCN-1616H11 | 16 | 16 | 100 | 21 | 16 | 8 | DC□□T11T3□□ | M4x10 | T15 |
| SDNCN-2020K11 | 20 | 20 | 125 | 21 | 20 | 10 | | | |

外圆刀 SSKCR/L 75°



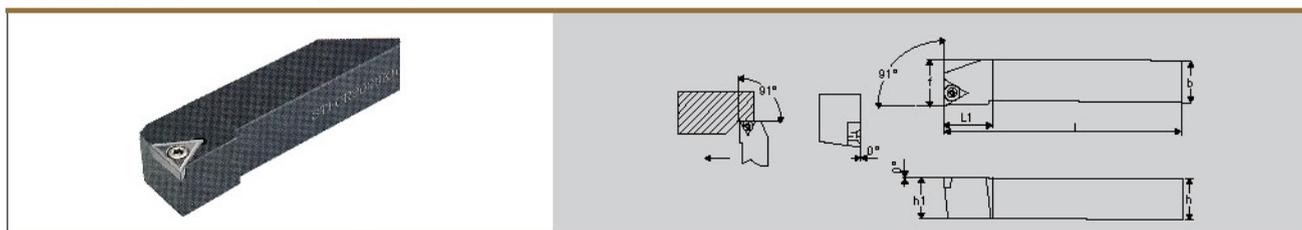
| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|-----------------|----------|----|-----|----|----|----|---|---|---|
| | h | b | L | L1 | h1 | f | | 螺丝  | 扳手  |
| SSKCR/L-1616H09 | 16 | 16 | 100 | 20 | 16 | 13 | SC□□09T3□□ | M4x10 | T15 |
| SSKCR/L-2020K09 | 20 | 20 | 125 | 25 | 20 | 16 | | | |

外圆刀 SSSCR/L 45°



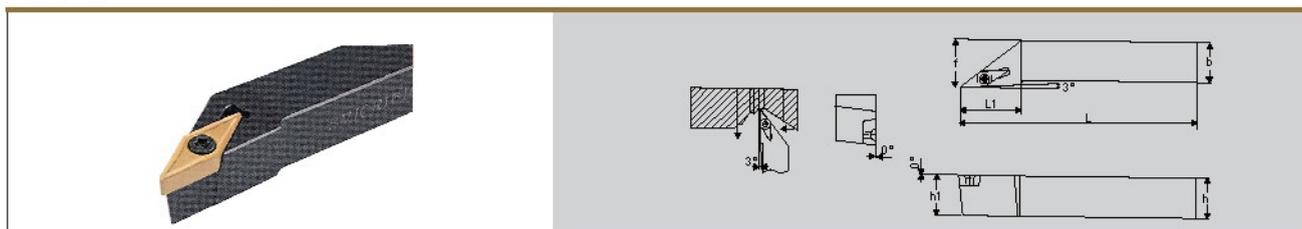
| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|-----------------|----------|----|-----|----|----|----|---|---|---|
| | h | b | L | L1 | h1 | f | | 螺丝  | 扳手  |
| SSSCR/L-1616H09 | 16 | 16 | 100 | 17 | 16 | 20 | SC□□T09T3□□ | M4x10 | T15 |
| SSSCR/L-2020K12 | 20 | 20 | 125 | 21 | 20 | 25 | | | |
| SSSCR/L-2525M12 | 25 | 25 | 150 | 26 | 25 | 32 | | | |

外圆刀 STFCR/L 91°



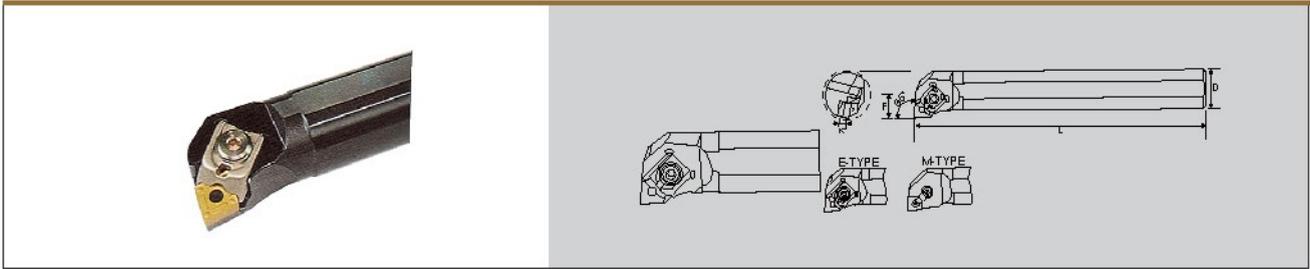
| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|-----------------|----------|----|-----|----|----|----|---|---|---|
| | h | b | L | L1 | h1 | f | | 螺丝  | 扳手  |
| STFCR/L-1010E09 | 10 | 10 | 70 | 12 | 10 | 10 | TC□□T0902□□ | M2.5x6 | T6 |
| STFCR/L-1212F11 | 12 | 12 | 80 | 16 | 12 | 16 | | | |
| STFCR/L-1616H11 | 16 | 16 | 100 | 16 | 16 | 20 | TC□□T1102□□ | M2.5x8 | T8 |
| STFCR/L-1616H16 | 16 | 16 | 100 | 16 | 16 | 20 | | | |
| STFCR/L-2020K16 | 20 | 20 | 125 | 22 | 20 | 25 | TC□□T16T3□□ | M4x10 | T15 |
| STFCR/L-2525M16 | 25 | 25 | 150 | 22 | 25 | 32 | | | |

外圆刀 SVJ-R/L 93°



| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|-----------------|----------|----|-----|----|----|----|---|---|---|
| | h | b | L | L1 | h1 | f | | 螺丝  | 扳手  |
| SVJ-R/L-1616H16 | 16 | 16 | 100 | 32 | 16 | 20 | VC□□1604□□ VB□□1604□□ | M4x10 | T15 |
| SVJ-R/L-2020K16 | 20 | 20 | 125 | 32 | 20 | 25 | | | |
| SVJ-R/L-2525M16 | 25 | 25 | 150 | 32 | 25 | 32 | | | |
| SVJ-R/L-3232P16 | 32 | 32 | 170 | 40 | 32 | 40 | | | |

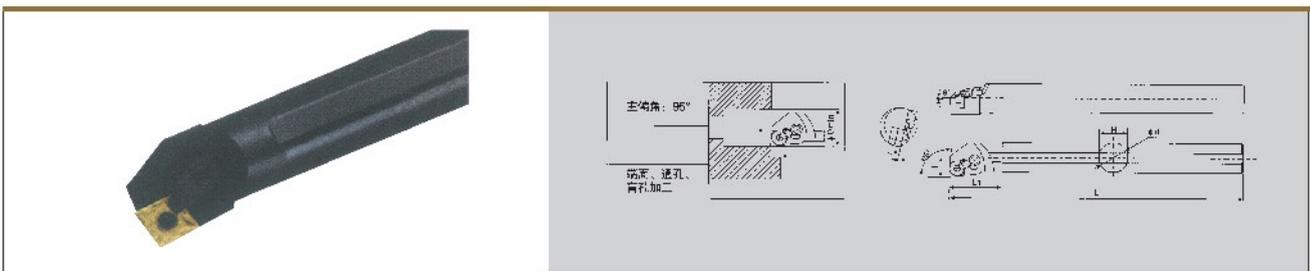
内孔车刀 ECLNR/L 95°



| 型号 | 加工径 ΦB | 基本尺寸(mm) | | | | 刀片 ⊕ CN□□ 1204□□ | 零件 | | | | | |
|----------------|-----------|----------|----|-----|----|---------------------------|---------|----------|---------|---------|----------|----------------|
| | | D | F | L | K° | | 垫片 ⊕ | 中心销 ⊕ | 压板 ⊕ | 螺丝 ⊕ | C扣环 C | L型扳手 ⊕ |
| S32S-ECLNR/L12 | 40 | 32 | 22 | 250 | 14 | CN□□ 1204□□ | SMC-432 | LW-4B | CN12-2 | CS80 | C-6 | LW030 LW040 |
| S32U-ECLNR/L12 | 40 | 32 | 22 | 350 | 14 | | | | | | | |
| S40T-ECLNR/L12 | 50 | 40 | 27 | 300 | 12 | | | | | | | |
| S40W-ECLNR/L12 | 50 | 40 | 27 | 450 | 12 | | | | | | | |
| S50U-ECLNR/L12 | 63 | 50 | 35 | 350 | 12 | | | | | | | |
| S50Y-ECLNR/L12 | 63 | 50 | 35 | 500 | 12 | | | | | | | |

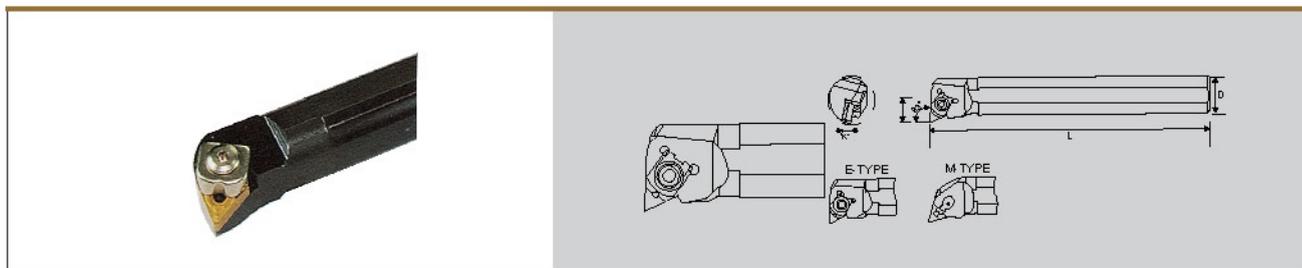
| 型号 | 加工径 ΦB | 基本尺寸(mm) | | | | 刀片 ⊕ CN□□ 0903□□ | 零件 | | | | | | |
|----------------|-----------|----------|----|-----|----|---------------------------|---------|----------|---------|-----------|----------------|---------|---------|
| | | D | F | L | K° | | 垫片 ⊕ | 中心销 ⊕ | 压板 ⊕ | 双头螺丝 ⊕ | L型扳手 ⊕ | | |
| S16Q-MCLNR/L09 | 22 | 16 | 11 | 180 | 17 | CN□□ 0903□□ | - | LCS-509 | CP50-21 | CS70-20 | LW020 LW025 | | |
| S20R-MCLNR/L09 | 25 | 20 | 13 | 200 | 17 | | | | | | | | |
| S20R-MCLNR/L12 | 25 | 20 | 13 | 200 | 17 | CN□□ 1204□□ | - | LCS-511 | CP50-21 | CS70-20 | LW025 | | |
| S25R-MCLNR/L12 | 32 | 25 | 17 | 200 | 14 | | | | | | | SMC-432 | LCS-617 |
| S32S-MCLNR/L12 | 40 | 32 | 22 | 250 | 14 | | | | | | | | |
| S40T-MCLNR/L12 | 50 | 40 | 27 | 300 | 12 | | | | | | | | |
| S50U-MCLNR/L12 | 63 | 50 | 35 | 350 | 12 | | | | | | | | |

内孔车刀 MCLNR/L 95°



| 型号 | 基本尺寸(mm) | | | | | | | 刀片 ⊕ CN□□ 1204□□ | 零件 | | | | |
|----------------|-------------------|-----|-----|----|----|------|----|---------------------------|---------|----------------|---------|-----------|--------------|
| | ΦD _{min} | Φd | L | L1 | H | f | α° | | 垫片 ⊕ | 中心销 ⊕ | 压板 ⊕ | 双头螺丝 ⊕ | L型扳手 ⊕ |
| S20R-MCLNR/L12 | Φ25 | Φ20 | 200 | 45 | 19 | 13 | 15 | CN□□ 1204□□ | SC1204 | CTM613 | HL1810 | ML0620 | L3.0 L4.0 |
| S25S-MCLNR/L12 | Φ32 | Φ25 | 250 | 45 | 24 | 16.5 | 12 | | | | | | |
| S32T-MCLNR/L12 | Φ40 | Φ32 | 300 | 50 | 30 | 22.5 | 17 | | | | | | |
| S40U-MCLNR/L12 | Φ50 | Φ40 | 350 | 55 | 38 | 26 | 15 | | | | | | |
| S40U-MCLNR/L16 | Φ50 | Φ40 | 350 | 55 | 38 | 26 | 15 | | | CN□□ 1606□□ | SC1605 | | |

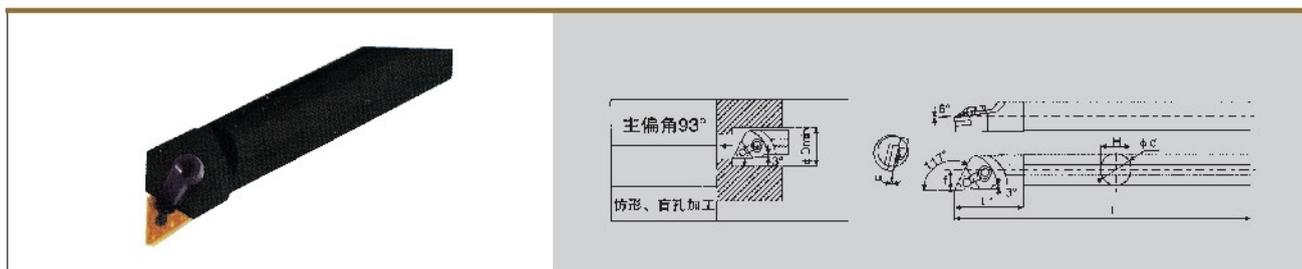
内孔车刀 ETUNR/L 93°



| 型号 | 加工径 ΦB | 基本尺寸(mm) | | | | 刀片 | 零件 | | | | | |
|----------------|-----------|----------|----|-----|----|----------------|---------|---------|--------|--------|---------|----------------|
| | | D | F | L | K° | | 垫片 | 中心销 | 压板 | 螺丝 | C扣环 | L型扳手 |
| S25R-ETUNR/L16 | 32 | 25 | 17 | 200 | 12 | TN□□ 1604□□ | - | LT-2 | TN16-2 | CS60E | C-5 | LW025 LW030 |
| S25T-ETUNR/L16 | 32 | 25 | 17 | 300 | 12 | | SMT-322 | LT-3 | TN16-3 | CS80 | C-6 | LW025 LW040 |
| S32S-ETUNR/L16 | 40 | 32 | 22 | 250 | 10 | | | | | | | |
| S32U-ETUNR/L16 | 40 | 32 | 22 | 350 | 10 | | | | | | | |
| S40T-ETUNR/L16 | 50 | 40 | 27 | 300 | 10 | | | | | | | |
| S40W-ETUNR/L16 | 50 | 40 | 27 | 450 | 10 | | | | | | | |
| S50U-ETUNR/L16 | 63 | 50 | 35 | 350 | 8 | | | | | | | |
| S50Y-ETUNR/L16 | 63 | 50 | 35 | 500 | 8 | | | | | | | |

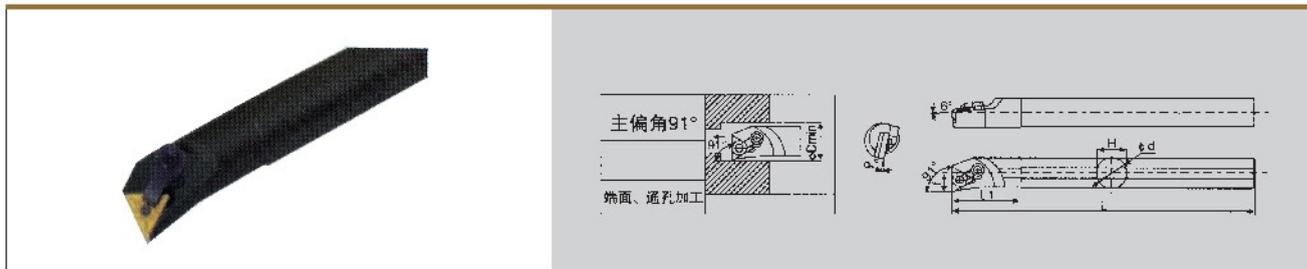
| 型号 | 加工径 ΦB | 基本尺寸(mm) | | | | 刀片 | 零件 | | | | |
|----------------|-----------|----------|----|-----|----|----------------|---------|---------|---------|----------|----------------|
| | | D | F | L | K° | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| S16Q-MCLNR/L09 | 22 | 16 | 11 | 180 | 17 | CN□□ 0903□□ | - | LCS-509 | CP50-21 | CS70-20 | LW020 LW025 |
| S20R-MCLNR/L09 | 25 | 20 | 13 | 200 | 17 | CN□□ 1204□□ | - | LCS-511 | CP50-21 | CS70-20 | LW025 |
| S20R-MCLNR/L12 | 25 | 20 | 13 | 200 | 17 | | | | CP50-22 | CS70-21 | LW025 LW030 |
| S25R-MCLNR/L12 | 32 | 25 | 17 | 200 | 14 | | SMC-432 | LCS-617 | CP50-22 | CS70-22 | LW030 |
| S32S-MCLNR/L12 | 40 | 32 | 22 | 250 | 14 | | | | | | |
| S40T-MCLNR/L12 | 50 | 40 | 27 | 300 | 12 | | | | | | |
| S50U-MCLNR/L12 | 63 | 50 | 35 | 350 | 12 | | | | | | |

内孔车刀（压板式）MTJNR/L 93°



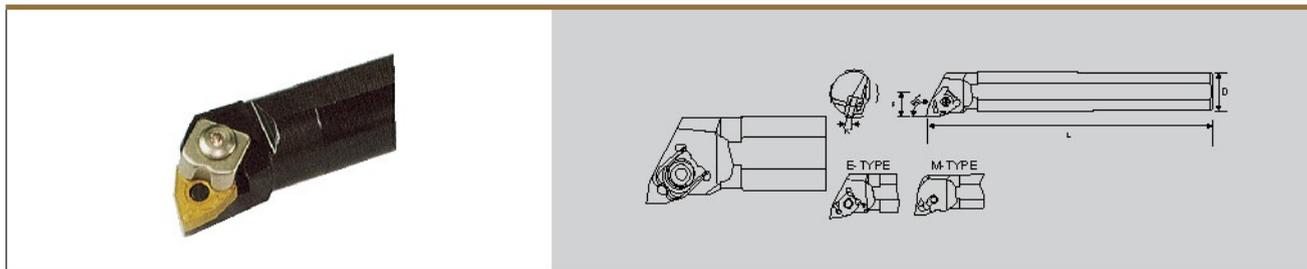
| 型号 | 基本尺寸(mm) | | | | | | | 刀片 | 零件 | | | | | |
|----------------|-------------------|-----|-----|----|----|------|----|----------------|--------|---------|--------|----------|--------------|--------------|
| | ΦD _{min} | Φd | L | L1 | H | f | α° | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 | |
| S20R-MTJNR/L16 | Φ25 | Φ20 | 200 | 40 | 19 | 13 | 15 | TN□□ 1604□□ | ST1603 | CTM510 | HL1511 | ML0520 | L2.0 L3.0 | |
| S25S-MTJNR/L16 | Φ32 | Φ25 | 250 | 45 | 24 | 16 | 12 | | | | CTM513 | HL1814 | ML0625 | L2.5 L3.0 |
| S32T-MTJNR/L16 | Φ41 | Φ32 | 300 | 54 | 30 | 22.5 | 17 | | | | | | | |

内孔车刀 (压板式) MTFNR/L 91°



| 型号 | 基本尺寸(mm) | | | | | | | 刀片 TN□□ 1604□□ | 零件 | | | | |
|----------------|----------------|-----------|-----|----|----|------|----------------|----------------------|--------|--------|--------|--------|--------------|
| | ΦD_{min} | Φd | L | L1 | H | f | α° | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| S20R-MTFNR/L16 | $\Phi 25$ | $\Phi 20$ | 200 | 40 | 19 | 13 | 15 | TN□□ 1604□□ | ST1603 | CTM510 | HL1810 | ML0620 | L2.0 L3.0 |
| S25S-MTFNR/L16 | $\Phi 32$ | $\Phi 25$ | 250 | 45 | 24 | 16.5 | 12 | | SC1605 | CTM513 | HL1814 | ML0625 | L2.5 L3.0 |
| S32T-MTFNR/L16 | $\Phi 41$ | $\Phi 32$ | 300 | 54 | 30 | 22.5 | 17 | | | | | | |
| S40U-MTFNR/L16 | $\Phi 50$ | $\Phi 40$ | 350 | 60 | 38 | 26.5 | 15 | | | | | | |

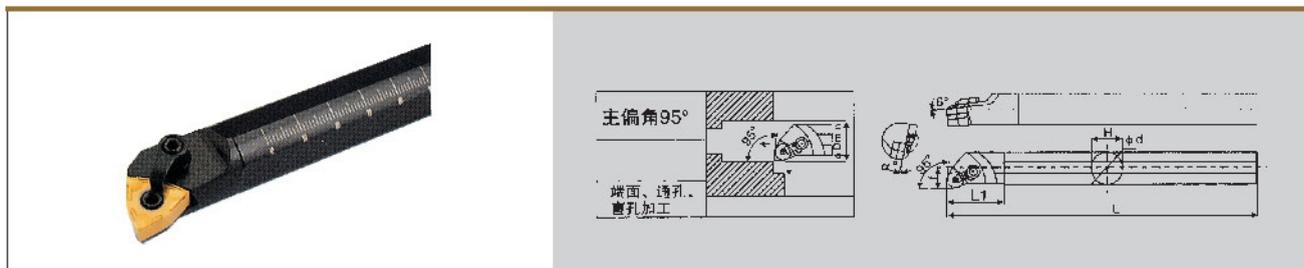
内孔车刀 EWLNR/L 95°



| 型号 | 加工径 ΦB | 基本尺寸(mm) | | | | 刀片 WN□□ 0604□□ | 零件 | | | | | |
|----------------|-----------------|----------|----|-----|-----------|----------------------|---------|-------|--------|-------|-----|----------------|
| | | D | F | L | K° | | 垫片 | 中心销 | 压板 | 螺丝 | C扣环 | L型扳手 |
| S20R-EWLNR/L06 | 25 | 20 | 13 | 200 | 17 | WN□□ 0604□□ | - | LT-2 | WN06-2 | CS60E | C-5 | LW025 LW030 |
| S25R-EWLNR/L06 | 32 | 25 | 17 | 200 | 14 | | - | LW-3 | WN08-3 | | | |
| S25R-EWLNR/L08 | 32 | 25 | 17 | 200 | 14 | | - | LW-3 | WN08-3 | | | |
| S25T-EWLNR/L08 | 32 | 25 | 17 | 300 | 14 | | - | LW-3 | WN08-3 | | | |
| S32S-EWLNR/L08 | 40 | 32 | 22 | 250 | 14 | WN□□ 0804□□ | SMW-422 | LW-4B | WN08-4 | CS80 | C-6 | LW030 LW040 |
| S32U-EWLNR/L08 | 40 | 32 | 22 | 350 | 14 | | | | | | | |
| S40T-EWLNR/L08 | 50 | 40 | 27 | 300 | 12 | | | | | | | |
| S40V-EWLNR/L08 | 50 | 40 | 27 | 400 | 12 | | | | | | | |
| S50U-EWLNR/L08 | 63 | 50 | 35 | 350 | 12 | | | | | | | |
| S50Y-EWLNR/L08 | 63 | 50 | 35 | 500 | 12 | | | | | | | |

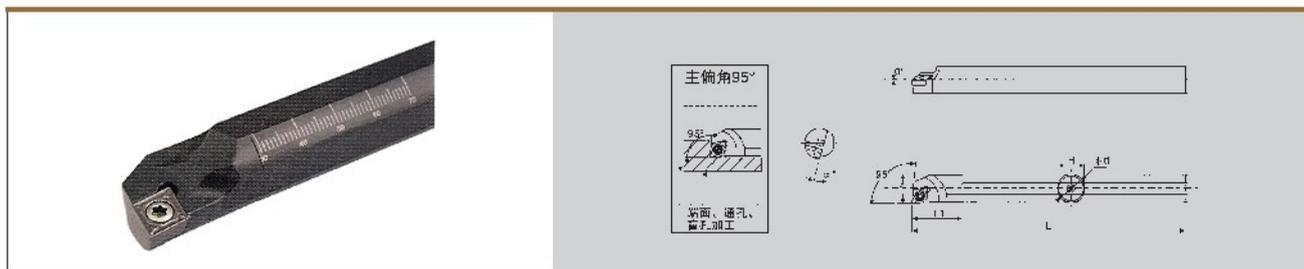
| 型号 | 加工径 ΦB | 基本尺寸(mm) | | | | 刀片 WN□□ 0604□□ | 零件 | | | | |
|----------------|-----------------|----------|----|-----|-----------|----------------------|---------|---------|---------|---------|----------------|
| | | D | F | L | K° | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| S16Q-EWLNR/L06 | 22 | 16 | 11 | 180 | 20 | WN□□ 0604□□ | - | LCS-510 | CP50-21 | CS70-20 | LW020 LW025 |
| S20R-EWLNR/L08 | 25 | 20 | 13 | 200 | 17 | - | LCS-511 | CP50-21 | | | |
| S25R-EWLNR/L08 | 32 | 25 | 17 | 200 | 14 | WN□□ 0804□□ | SMW-422 | LCS-617 | CP50-22 | CS70-21 | LW025 LW030 |
| S32S-EWLNR/L08 | 40 | 32 | 22 | 250 | 14 | | | | CP50-22 | CS70-21 | |
| S40T-EWLNR/L08 | 50 | 40 | 27 | 300 | 12 | | | | CS70-22 | LW030 | |
| S50U-EWLNR/L08 | 63 | 50 | 35 | 350 | 12 | | | | | | |

内孔车刀 MWLNR/L 95°



| 型号 | 基本尺寸(mm) | | | | | | | 刀片 | 零件 | | | | |
|----------------|----------------|-----------|-----|----|----|------|----------------|-----------------------------------|--------|--------|--------|--------|--------------|
| | ΦD_{min} | Φd | L | L1 | H | f | α° | | 垫片 | 中心销 | 压板 | 双头螺丝 | L型扳手 |
| S16Q-MWLNR/L06 | $\Phi 22$ | $\Phi 16$ | 180 | 35 | 15 | 11.0 | 18 | WN□□ 0604□□ WN□□ G0604□□ | SW0603 | CTM510 | HL1511 | ML0520 | L2.0 L3.0 |
| S20R-MWLNR/L06 | $\Phi 25$ | $\Phi 20$ | 200 | 40 | 19 | 13.0 | 15 | | | | | | CTM513 |
| S25S-MWLNR/L06 | $\Phi 32$ | $\Phi 25$ | 250 | 36 | 23 | 17.0 | 18 | | | CTM517 | HL1814 | ML0625 | |
| S32T-MWLNR/L06 | $\Phi 40$ | $\Phi 32$ | 300 | 50 | 30 | 22.0 | 15 | | | | | | CTM617 |
| S40U-MWLNR/L06 | $\Phi 50$ | $\Phi 40$ | 350 | 60 | 37 | 27.0 | 15 | WN□□ 0804□□ | SW0804 | CTM617 | HL1814 | ML0625 | |
| S25S-MWLNR/L08 | $\Phi 32$ | $\Phi 25$ | 250 | 36 | 23 | 17.0 | 12 | | | | | | CTM617 |
| S32T-MWLNR/L08 | $\Phi 40$ | $\Phi 32$ | 300 | 50 | 30 | 22.0 | 17 | | | CTM617 | HL1814 | ML0625 | |
| S40U-MWLNR/L08 | $\Phi 50$ | $\Phi 40$ | 350 | 60 | 37 | 27.0 | 15 | | | | | | CTM617 |

内孔车刀 SCLCR/L 95°



| 型号 | 基本尺寸(mm) | | | | | | | 刀片 | 零件 | | | |
|----------------|----------------|-----------|-----|------|----|----|----------------|-------------|--------|-------------|-------------|------|
| | ΦD_{min} | Φd | L | L1 | H | f | α° | | 螺丝 | 扳手 | | |
| S08K-SCLCR/L06 | $\Phi 10$ | $\Phi 8$ | 125 | 14 | 7 | 5 | -15 | CC□□T0602□□ | M2.5x6 | T8 | | |
| S10K-SCLCR/L06 | $\Phi 12$ | $\Phi 10$ | 125 | 14 | 9 | 6 | -13 | | | | M4x8 | T15 |
| S10K-SCLCR/L06 | $\Phi 12$ | $\Phi 10$ | 125 | 14 | 9 | 6 | -13 | | | | | |
| S12M-SCLCR/L06 | $\Phi 16$ | $\Phi 12$ | 150 | 25 | 11 | 9 | -10 | | | | CC□□T09T3□□ | M4x8 |
| S16Q-SCLCR/L06 | $\Phi 20$ | $\Phi 16$ | 180 | 32 | 15 | 11 | -8 | M5x12 | T20 | | | |
| S12M-SCLCR/L09 | $\Phi 16$ | $\Phi 12$ | 150 | 25 | 11 | 9 | -10 | | | M5x12 | | |
| S16Q-SCLCR/L09 | $\Phi 20$ | $\Phi 16$ | 180 | 32.5 | 15 | 11 | -12 | M5x12 | T20 | | | |
| S20R-SCLCR/L09 | $\Phi 25$ | $\Phi 20$ | 200 | 38 | 18 | 13 | -8 | | | CC□□T1204□□ | M5x12 | T20 |
| S25S-SCLCR/L09 | $\Phi 32$ | $\Phi 25$ | 250 | 45 | 23 | 17 | -6 | M5x12 | T20 | | | |
| S25S-SCLCR/L12 | $\Phi 32$ | $\Phi 25$ | 250 | 45 | 23 | 17 | -6 | | | | | |
| S32T-SCLCR/L12 | $\Phi 40$ | $\Phi 32$ | 300 | 50 | 30 | 22 | -10 | M5x12 | T20 | | | |
| S40U-SCLCR/L12 | $\Phi 50$ | $\Phi 40$ | 350 | 60 | 37 | 27 | -8 | | | M5x12 | T20 | |

内孔车刀 SDQCR/L 107.5°



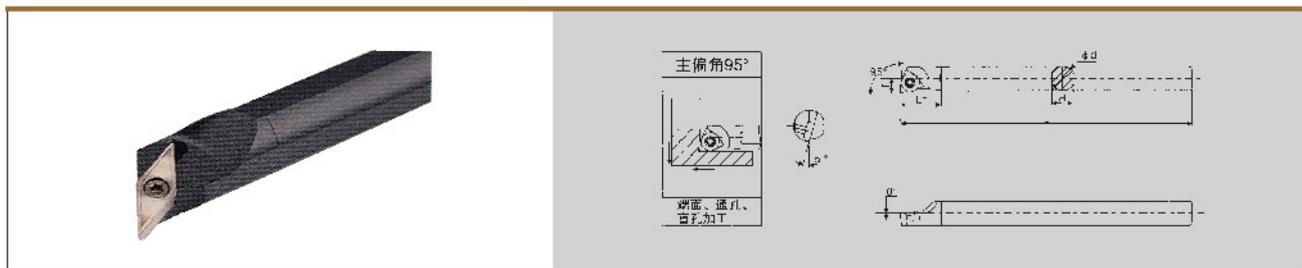
| 型号 | 基本尺寸(mm) | | | | | | | 刀片 | 零件 | |
|----------------|----------------|-----------|-----|----|----|------|----------------|------------|--------|--------|
| | ΦD_{min} | Φd | L | L1 | H | f | α° | | 螺丝 | 扳手 |
| S10K-SDQCR/L07 | $\Phi 13$ | $\Phi 10$ | 125 | 23 | 9 | 7 | 10 | DC□□0702□□ | M2.5x6 | T8 |
| S12M-SDQCR/L07 | $\Phi 16$ | $\Phi 12$ | 150 | 30 | 11 | 9 | 8 | | | |
| S16Q-SDQCR/L07 | $\Phi 20$ | $\Phi 16$ | 180 | 30 | 15 | 10.5 | 6 | | | |
| S20R-SDQCR/L07 | $\Phi 25$ | $\Phi 20$ | 200 | 39 | 19 | 13 | 6 | DC□□11T3□□ | M4x8 | T15 |
| S25S-SDQCR/L07 | $\Phi 32$ | $\Phi 25$ | 250 | 40 | 24 | 16 | 4 | | | |
| S32T-SDQCR/L07 | $\Phi 39$ | $\Phi 32$ | 300 | 43 | 30 | 20 | 4 | | | |

内孔车刀 STFCR/L 91°



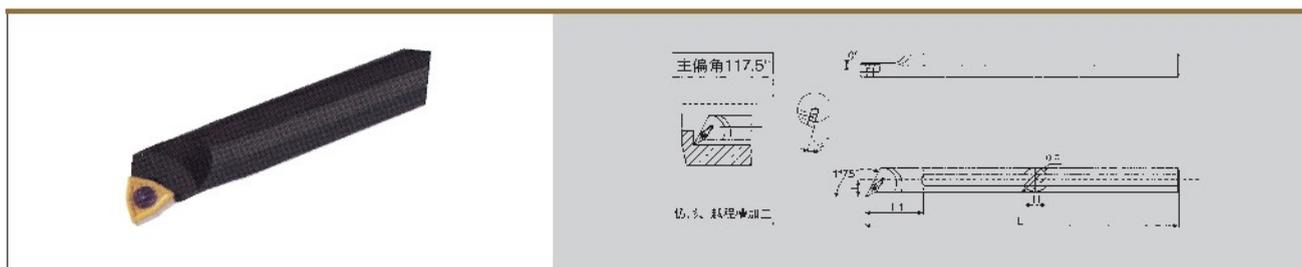
| 型号 | 基本尺寸(mm) | | | | | | | 刀片 | 零件 | |
|----------------|----------------|-----------|-----|----|----|------|----------------|------------|--------|--------|
| | ΦD_{min} | Φd | L | L1 | H | f | α° | | 螺丝 | 扳手 |
| S08K-STFCR/L09 | $\Phi 11$ | $\Phi 8$ | 125 | 23 | 7 | 5 | 15 | TC□□0902□□ | M2.2x5 | T7 |
| S10K-STFCR/L09 | $\Phi 13.5$ | $\Phi 10$ | 125 | 24 | 9 | 6 | 13 | | | |
| S12M-STFCR/L09 | $\Phi 16$ | $\Phi 10$ | 150 | 24 | 9 | 6 | 12 | | | |
| S10K-STFCR/L11 | $\Phi 13.5$ | $\Phi 12$ | 125 | 27 | 11 | 7 | 10 | TC□□1102□□ | M2.5x6 | T8 |
| S12M-STFCR/L11 | $\Phi 20$ | $\Phi 16$ | 150 | 30 | 15 | 9 | 8 | | | |
| S16Q-STFCR/L11 | $\Phi 25$ | $\Phi 20$ | 180 | 35 | 19 | 11 | 6 | | | |
| S20R-STFCR/L11 | $\Phi 31$ | $\Phi 25$ | 200 | 40 | 24 | 13.5 | 4 | TC□□1102□□ | M4x8 | T15 |
| S20R-STFCR/L16 | $\Phi 25$ | $\Phi 20$ | 200 | 40 | 19 | 11 | 8 | | | |
| S25S-STFCR/L16 | $\Phi 31$ | $\Phi 25$ | 250 | 40 | 24 | 14 | 6 | | | |
| S32T-STFCR/L16 | $\Phi 39$ | $\Phi 32$ | 300 | 45 | 30 | 17.5 | 4 | | | |

内孔车刀 SVQ-R/L 117.5°



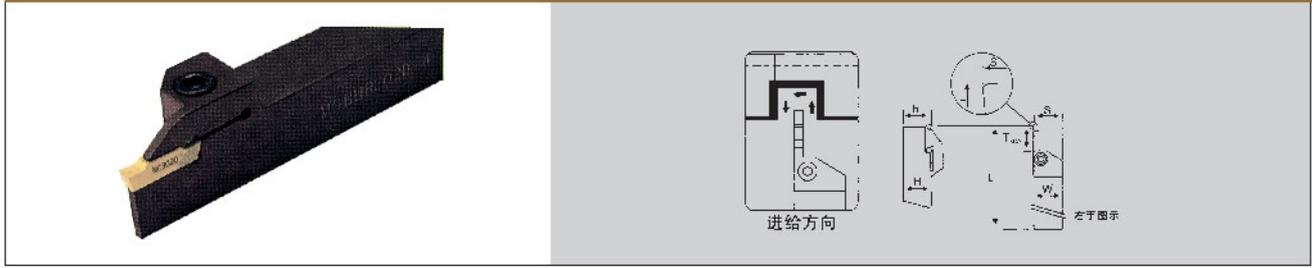
| 型号 | 基本尺寸(mm) | | | | | | | | 刀片  | 零件 | |
|----------------|-----------------|-----------|-----|----|----|------|-----------------------|---|---|---|---|
| | ΦD_{\min} | Φd | L | L1 | H | f | α° B C | | | 螺丝  | 扳手  |
| S16Q-SVQ-R/L11 | $\Phi 22$ | $\Phi 16$ | 180 | 35 | 15 | 11.5 | 10 | 8 | VC□□1103□□ VB□□1103□□ | M2.5x6 | T8 |
| S20R-SVQ-R/L11 | $\Phi 27$ | $\Phi 20$ | 200 | 39 | 19 | 14 | 8 | 6 | | | |
| S20R-SVQ-R/L16 | $\Phi 27$ | $\Phi 20$ | 200 | 50 | 19 | 14 | 1 | 8 | VC□□1604□□ VB□□1604□□ | M4x10 | T15 |
| S25S-SVQ-R/L16 | $\Phi 32$ | $\Phi 25$ | 250 | 50 | 24 | 16.5 | 8 | 6 | | | |
| S32T-SVQ-R/L16 | $\Phi 41$ | $\Phi 32$ | 300 | 55 | 30 | 22.5 | 10 | 8 | | | |
| S40U-SVQ-R/L16 | $\Phi 50$ | $\Phi 40$ | 350 | 55 | 38 | 27 | 8 | 6 | | | |

内孔车刀 SWLCR/L 95°



| 型号 | 基本尺寸(mm) | | | | | | | | 刀片  | 零件 | |
|----------------|-----------------|-----------|-----|----|----|------|-----------------------|------------|---|---|---|
| | ΦD_{\min} | Φd | L | L1 | H | f | α° B C | | | 螺丝  | 扳手  |
| S08K-SWLCR/L04 | $\Phi 10$ | $\Phi 8$ | 125 | 25 | 7 | 5 | 13 | WC□□0402□□ | M3x6 | T10 | |
| S10K-SWLCR/L04 | $\Phi 13$ | $\Phi 10$ | 125 | 30 | 9 | 6.5 | 10 | | | | |
| S12M-SWLCR/L04 | $\Phi 16$ | $\Phi 12$ | 150 | 37 | 11 | 7.5 | 13 | WC□□06T3□□ | M3.5x10 | T15 | |
| S16Q-SWLCR/L06 | $\Phi 20$ | $\Phi 16$ | 180 | 40 | 15 | 9.5 | 10 | | | | |
| S20R-SWLCR/L06 | $\Phi 25$ | $\Phi 20$ | 200 | 40 | 19 | 11.5 | 8 | | | | |
| S25S-SWLCR/L06 | $\Phi 31$ | $\Phi 25$ | 250 | 40 | 24 | 14 | 9 | | | | |

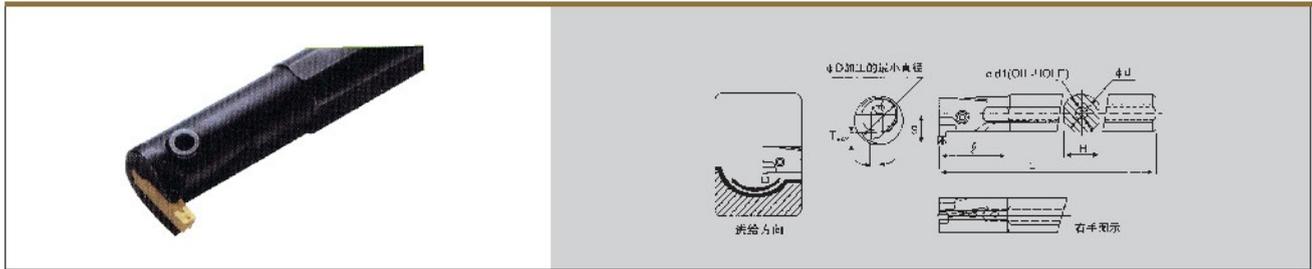
槽刀 MGEHR/L



| 型号 | 基本尺寸(mm) | | | | | 刀片 | 零件 | |
|-----------------|----------|----|-----|-------|-----------------|------------------------|-------|------|
| | H=(h) | W | L | S | T _{最大} | | 螺丝 | 扳手 |
| MGEHR/L1616-1.5 | 16 | 16 | 100 | 16.25 | 14.5 | MGMN150-G | M5x22 | L4.0 |
| MGEHR/L2020-1.5 | 20 | 20 | 125 | 20.25 | 14.5 | | | |
| MGEHR/L2525-1.5 | 25 | 25 | 150 | 25.25 | 14.5 | | | |
| MGEHR/L1212-2 | 12 | 12 | 100 | 14.25 | 14.5 | MGMN200-G MGMN200-M | M6x25 | L5.0 |
| MGEHR/L1616-2 | 16 | 16 | 100 | 16.25 | 14.5 | | | |
| MGEHR/L2020-2 | 20 | 20 | 125 | 20.25 | 14.5 | | | |
| MGEHR/L2525-2 | 25 | 25 | 150 | 25.25 | 14.5 | MGMN250-G MGMN250-M | M5x22 | L5.0 |
| MGEHR/L1616-2.5 | 16 | 16 | 100 | 16.30 | 16.5 | | | |
| MGEHR/L2020-2.5 | 20 | 20 | 125 | 20.30 | 16.5 | | | |
| MGEHR/L2525-2.5 | 25 | 25 | 150 | 25.30 | 16.5 | | | |

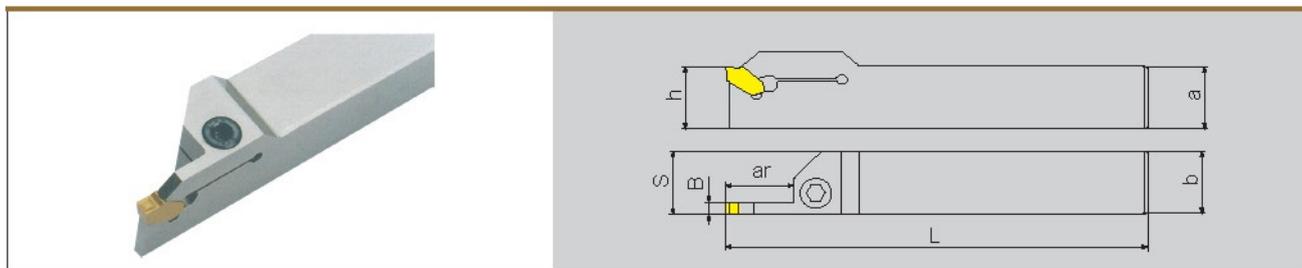
车削刀具

槽刀 MGIVR/L



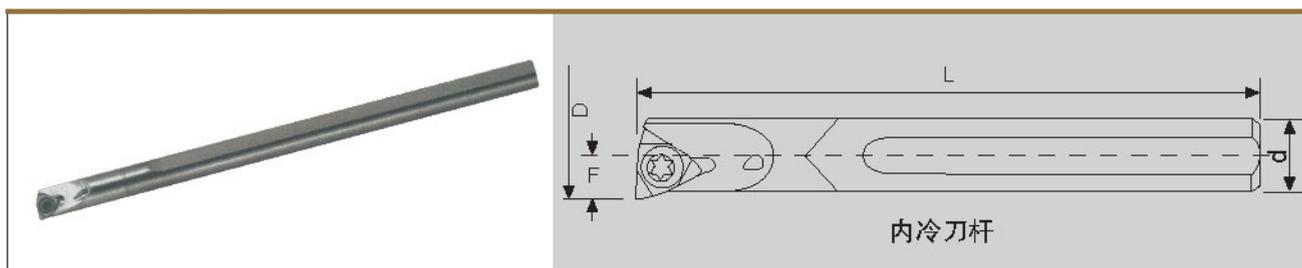
| 型号 | 基本尺寸(mm) | | | | | | | 刀片 | 零件 | |
|-----------------|----------|----|-----|----|-----------------|----|------|------------------------|-------|------|
| | ΦD | Φd | L | l | T _{最大} | H | S | | 螺丝 | 扳手 |
| MGIVR/L2016-1.5 | 20 | 16 | 125 | 35 | 4 | 15 | 11.3 | MGMN150-G | M3x10 | L2.5 |
| MGIVR/L2520-1.5 | 25 | 20 | 150 | 45 | 4 | 18 | 13.1 | | M5x17 | L4.0 |
| MGIVR/L2925-1.5 | 29 | 25 | 200 | 45 | 4 | 23 | 16.2 | | | |
| MGIVR/L2016-2 | 20 | 16 | 125 | 35 | 5 | 15 | 12.4 | MGMN200-G MGMN200-M | M3x10 | L2.5 |
| MGIVR/L2520-2 | 25 | 20 | 150 | 45 | 5 | 18 | 14.0 | | M5x13 | L2.5 |
| MGIVR/L2925-2 | 29 | 25 | 200 | 45 | 5 | 23 | 17.2 | | | |
| MGIVR/L2016-2.5 | 20 | 16 | 125 | 35 | 6 | 15 | 12.5 | MGMN250-G MGMN250-M | M3x10 | L4.0 |
| MGIVR/L2520-2.5 | 25 | 20 | 150 | 45 | 6 | 18 | 15.1 | | M5x13 | L2.5 |
| MGIVR/L2925-2.5 | 29 | 25 | 200 | 45 | 6 | 23 | 18.2 | | | |

单头切槽刀



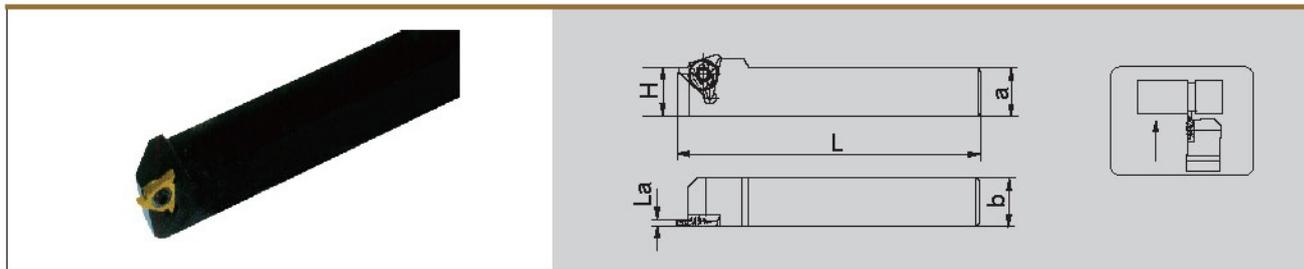
| 型号 | 基本尺寸(mm) | | | | | | 刀片 | 零件 | |
|--------------|----------|----|-----|------|---|------------|-----------|-------|-------|
| | h | b | L | S | B | ar_{max} | | 螺钉 | 扳手 |
| ZQ 1616R/L03 | 16 | 16 | 100 | 16.4 | 3 | 16 | BP300 R/L | M5x17 | HW40L |
| 1616R/L04 | 16 | 16 | 100 | 16.4 | 4 | 18 | BP400 R/L | | |
| 2020R/L03 | 20 | 20 | 125 | 20.4 | 3 | 20 | BP300 R/L | M6x22 | HW50L |
| 2020R/L04 | 20 | 20 | 125 | 20.4 | 4 | 20 | BP400 R/L | | |
| 2525R/L03 | 25 | 25 | 150 | 25.4 | 3 | 20 | BP300 R/L | | |
| 2525R/L04 | 25 | 25 | 150 | 25.4 | 4 | 20 | BP400 R/L | | |
| 2525R/L05 | 25 | 25 | 150 | 25.4 | 5 | 25 | BP500 R/L | | |
| 2525R/L06 | 25 | 25 | 150 | 25.7 | 6 | 32 | BP600 R/L | | |
| 3225R/L03 | 32 | 25 | 170 | 25.4 | 3 | 25 | BP300 R/L | | |
| 3225R/L04 | 32 | 25 | 170 | 25.4 | 4 | 25 | BP400 R/L | | |
| 3225R/L05 | 32 | 25 | 170 | 25.4 | 5 | 25 | BP500 R/L | | |
| 3225R/L06 | 32 | 25 | 170 | 25.7 | 6 | 35 | BP600 R/L | | |

硬质合金镗孔刀杆和刀片



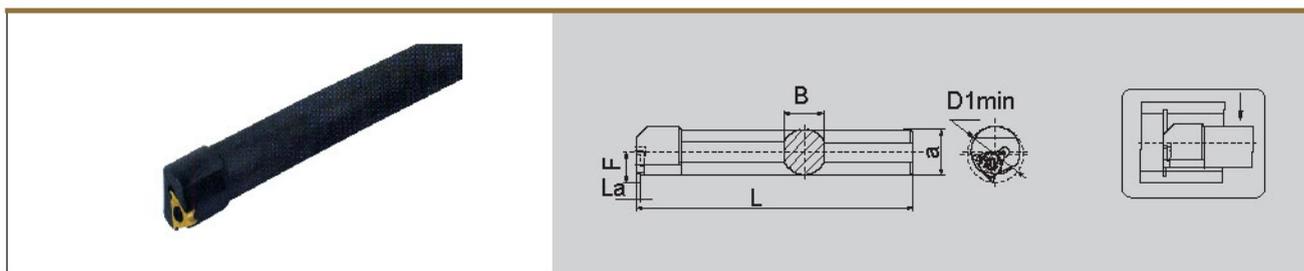
| 型号 | 基本尺寸(mm) | | | | 刀片 | 零件 | |
|------------------|------------------|----|-----|-----|-----------|------|----|
| | D _{min} | d | L | F | | 螺丝 | 扳手 |
| S06K-SWLB R/L | ∅6.5 | 6 | 100 | 3.3 | WBGT0601L | M2 | T6 |
| S08K-STFB R/L 06 | ∅8.5 | 8 | 125 | 4.3 | TBGT0601L | M2 | T6 |
| S10K-STFP R/L 08 | ∅10.5 | 10 | 150 | 5.0 | TPGT0601L | M2.5 | T7 |

切断、切槽车刀 QTR/L



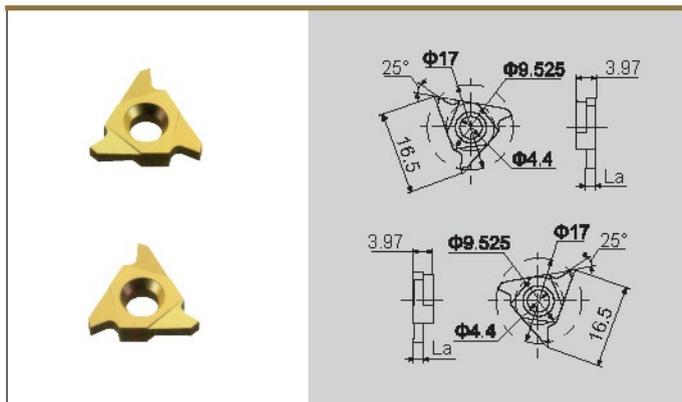
| 型号 | 基本尺寸(mm) | | | | | 刀片  | 零件 | |
|------------|----------|----|-----|----|---------------------------------|---|---|---|
| | a | b | L | H | La | | 螺钉  | 扳手  |
| QT1616R-La | 16 | 16 | 100 | 16 | 1.2,1.2,1.4,1.8, 2.3,2.8,3.3 | TNCQ16T3R | L60M4x10 | T15 |
| QT2020R-La | 20 | 20 | 125 | 20 | | | | |
| QT2525R-La | 25 | 25 | 150 | 25 | | | | |

内圆切槽车刀 S-QTR/L



| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | |
|-------------|----------|----|-----|------------------|------|---------------------------------|---|---|---|
| | a | B | L | D _{min} | F | La | | 螺钉  | 扳手  |
| S20M-QTR-La | 20 | 18 | 150 | 25 | 13.5 | 1.0,1.2,1.4,1.8, 2.3,2.8,3.3 | TNCQ16T3L | L60M4x10 | T15 |
| S20Q-QTR-La | 25 | 23 | 180 | 30 | 16.0 | | | | |

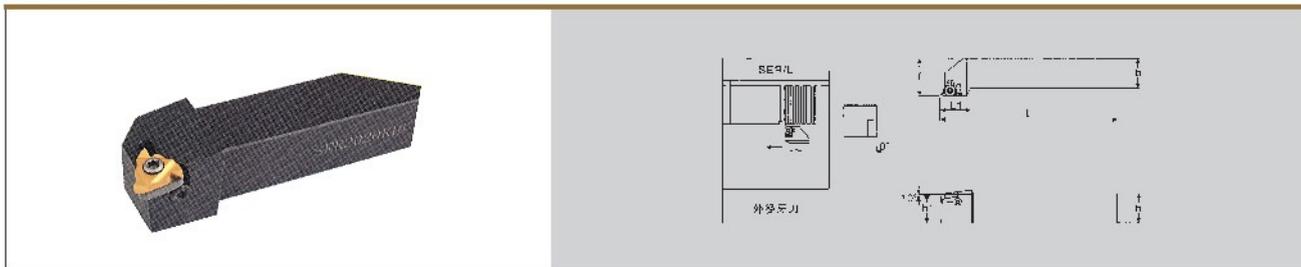
硬质合金切断、切槽车刀片



| 型号 | 基本尺寸(mm) |
|------------|-----------------------------|
| | |
| TNCQ 16T3R | 1.0,1.2,1.4,1.8,2.3,2.8,3.3 |

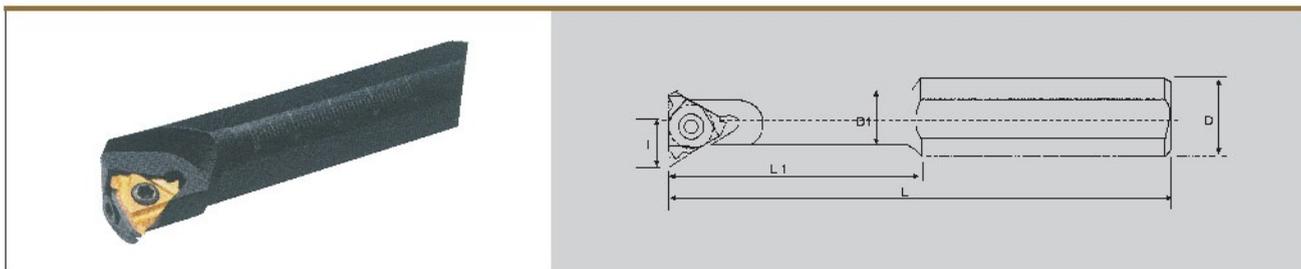
| 型号 | 基本尺寸(mm) |
|------------|-----------------------------|
| | |
| TNCQ 16T3L | 1.0,1.2,1.4,1.8,2.3,2.8,3.3 |

外螺纹车刀 SER/L



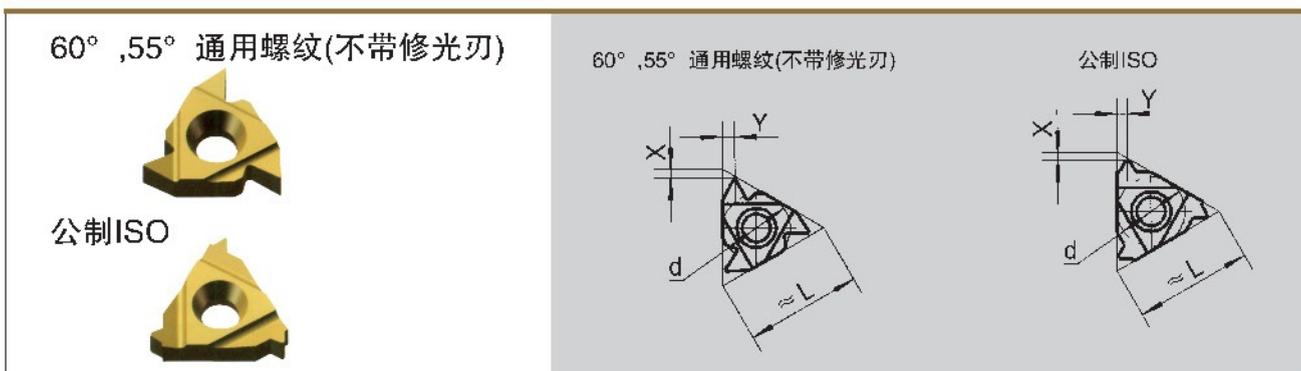
| 型号 | 基本尺寸(mm) | | | | | | 刀片  | 零件 | | | |
|---------------|----------|----|-----|----|----|----|---|---|---|---|---|
| | h | b | L | L1 | h1 | f | | 垫片  | 螺丝  | 侧孔螺丝  | 扳手  |
| SER/L-1212H16 | 12 | 12 | 100 | 20 | 12 | 16 | 16/ER/L□□ | STM1603 | M3.5x10 | M3x8 | T8 |
| SER/L-1616H16 | 16 | 16 | 100 | 22 | 16 | 20 | | | M3.5x12 | | T15 |
| SER/L-2020K16 | 20 | 20 | 125 | 22 | 20 | 25 | | | | | |
| SER/L-2525M16 | 25 | 25 | 150 | 22 | 25 | 32 | | | | | |
| SER/L-3232P16 | 32 | 32 | 170 | 22 | 32 | 40 | | | | | |

内螺纹车刀 SIR



| 型号 |  | D | D1 | 最小直径 | L | L1 | F | 夹固螺钉 | 垫片螺钉 | Torx 扳手 | 右螺纹垫片 | 左螺纹垫片 |
|-------------|---|----|----|------|-----|----|------|------|------|---------|-------|-------|
| *SIR0010K11 | 11 | 16 | 10 | 12 | 125 | 25 | 7.4 | S11 | - | K11 | - | - |
| *SIR0013K16 | 16 | 16 | 13 | 16 | 150 | 32 | 10.2 | S16S | - | K16 | - | - |
| *SIR0016K16 | 16 | 20 | 16 | 19 | 170 | 40 | 11.7 | S16S | - | K16 | - | - |
| *SIR0020K16 | 16 | 20 | 20 | 24 | 170 | - | 13.7 | S16 | A16 | K16 | AI16 | AE16 |
| *SIR0025K16 | 16 | 25 | 25 | 29 | 200 | - | 16.2 | S16 | A16 | K16 | AI16 | AE16 |
| *SIR0032K16 | 16 | 32 | 32 | 36 | 250 | - | 19.7 | S16 | A16 | K16 | AI16 | AE16 |
| *SIR0025K22 | 22 | 25 | 25 | 29 | 200 | - | 18.1 | S22 | A22 | K22 | AI22 | AE22 |

外螺纹车削刀片



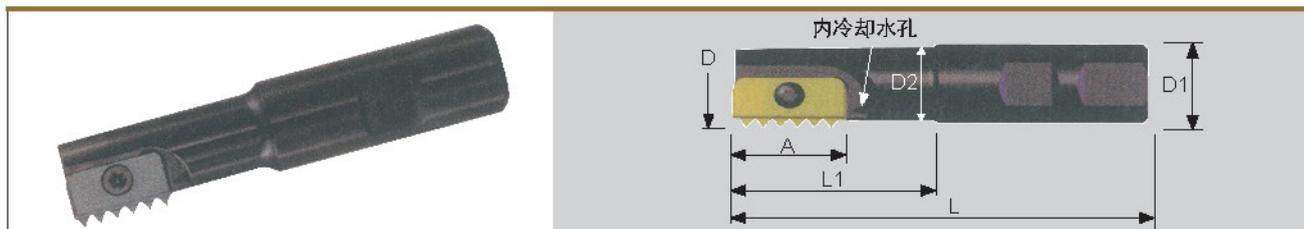
| 型号 | 螺距 | | 基本尺寸(mm) | | | |
|-------------|----------|-------|----------|-----|-----|------|
| | mm | tpi | d | X | Y | L |
| 16ER/ELA60 | 0.5-1.5 | 48-16 | 9.525 | 0.8 | 0.9 | 16.5 |
| 16ER/ELG60 | 1.75-3.0 | 14-8 | 9.525 | 1.2 | 1.7 | 16.5 |
| 16ER/ELAG60 | 0.5-3.0 | 48-8 | 9.525 | 1.2 | 1.7 | 16.5 |
| 16ER/ELA55 | 0.5-1.5 | 48-16 | 9.525 | 0.8 | 0.9 | 16.5 |
| 16ER/ELG55 | 1.75-3.0 | 14-8 | 9.525 | 1.2 | 1.7 | 16.5 |
| 16ER/ELAG55 | 0.5-3.0 | 48-8 | 9.525 | 1.2 | 1.7 | 16.5 |

| 型号 | 螺距 | | 基本尺寸(mm) | | | |
|----------------|------|--|----------|-----|-----|------|
| | mm | | d | X | Y | L |
| 11ER/EL0.75ISO | 0.75 | | 6.35 | 0.6 | 0.6 | 11 |
| 11ER/EL1.0ISO | 1.0 | | 6.35 | 0.7 | 0.7 | 11 |
| 11ER/EL1.25ISO | 1.25 | | 6.35 | 0.8 | 0.9 | 11 |
| 11ER/EL1.5ISO | 1.5 | | 6.35 | 0.8 | 1.0 | 11 |
| 11ER/EL1.75ISO | 1.75 | | 6.35 | 0.8 | 1.1 | 11 |
| 16ER/EL0.75ISO | 0.75 | | 9.525 | 0.6 | 0.6 | 16.5 |
| 16ER/EL1.0ISO | 1.0 | | 9.525 | 0.7 | 0.7 | 16.5 |
| 16ER/EL1.25ISO | 1.25 | | 9.525 | 0.8 | 0.9 | 16.5 |
| 16ER/EL1.5ISO | 1.5 | | 9.525 | 0.8 | 1.0 | 16.5 |
| 16ER/EL1.75ISO | 1.75 | | 9.525 | 0.9 | 1.2 | 16.5 |
| 16ER/EL2.0ISO | 2.0 | | 9.525 | 1.0 | 1.3 | 16.5 |
| 16ER/EL2.5ISO | 2.5 | | 9.525 | 1.1 | 1.5 | 16.5 |
| 16ER/EL3.0ISO | 3.0 | | 9.525 | 1.2 | 1.6 | 16.5 |
| 22ER/EL3.5ISO | 3.5 | | 12.7 | 1.6 | 2.3 | 22 |
| 22ER/EL4.0ISO | 4.0 | | 12.7 | 1.6 | 2.3 | 22 |
| 22ER/EL4.5ISO | 4.5 | | 12.7 | 1.7 | 2.4 | 22 |
| 22ER/EL5.0ISO | 5.0 | | 12.7 | 1.7 | 2.5 | 22 |

| 型号 | 螺距 | | 基本尺寸(mm) | | | |
|-------------|----------|-------|----------|-----|-----|------|
| | mm | tpi | d | X | Y | L |
| 16IR/ILA60 | 0.5-1.5 | 48-16 | 9.525 | 0.8 | 0.9 | 16.5 |
| 16IR/ILG60 | 1.75-3.0 | 14-8 | 9.525 | 1.2 | 1.7 | 16.5 |
| 16IR/ILAG60 | 0.5-3.0 | 48-8 | 9.525 | 1.2 | 1.7 | 16.5 |
| 16IR/ILA55 | 0.5-1.5 | 48-16 | 9.525 | 0.8 | 0.9 | 16.5 |
| 16IR/ILG55 | 1.75-3.0 | 14-8 | 9.525 | 1.2 | 1.7 | 16.5 |
| 16IR/ILAG55 | 0.5-3.0 | 48-8 | 9.525 | 1.2 | 1.7 | 16.5 |

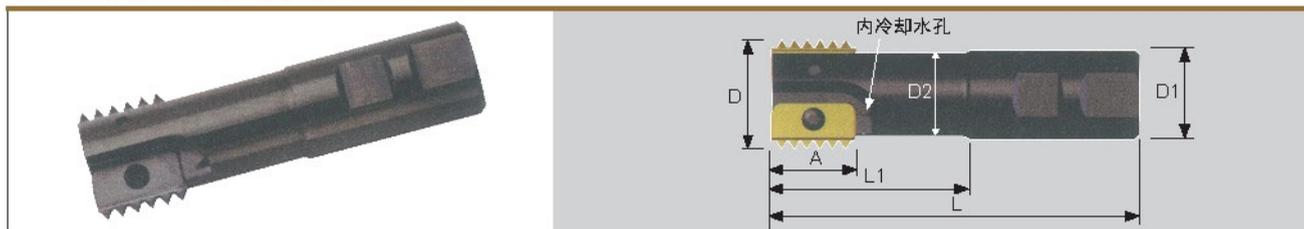
| 型号 | 螺距 | | 基本尺寸(mm) | | | |
|---------------|------|--|----------|-----|-----|------|
| | mm | | d | X | Y | L |
| 11IR/L0.75ISO | 0.75 | | 6.35 | 0.6 | 0.6 | 11 |
| 11IR/L1.0ISO | 1.0 | | 6.35 | 0.7 | 0.7 | 11 |
| 11IR/L1.25ISO | 1.25 | | 6.35 | 0.8 | 0.9 | 11 |
| 11IR/L1.5ISO | 1.5 | | 6.35 | 0.8 | 1.0 | 11 |
| 11IR/L1.75ISO | 1.75 | | 6.35 | 0.8 | 1.1 | 11 |
| 16IR/L0.75ISO | 0.75 | | 9.525 | 0.6 | 0.6 | 16.5 |
| 16IR/L1.0ISO | 1.0 | | 9.525 | 0.7 | 0.7 | 16.5 |
| 16IR/L1.25ISO | 1.25 | | 9.525 | 0.8 | 0.9 | 16.5 |
| 16IR/L1.5ISO | 1.5 | | 9.525 | 0.8 | 1.0 | 16.5 |
| 16IR/L1.75ISO | 1.75 | | 9.525 | 0.9 | 1.2 | 16.5 |
| 16IR/L2.0ISO | 2.0 | | 9.525 | 1.0 | 1.3 | 16.5 |
| 16IR/L2.5ISO | 2.5 | | 9.525 | 1.1 | 1.5 | 16.5 |
| 16IR/L3.0ISO | 3.0 | | 9.525 | 1.2 | 1.6 | 16.5 |
| 22IR/L3.5ISO | 3.5 | | 12.7 | 1.6 | 2.3 | 22 |
| 22IR/L4.0ISO | 4.0 | | 12.7 | 1.6 | 2.3 | 22 |
| 22IR/L4.5ISO | 4.5 | | 12.7 | 1.7 | 2.4 | 22 |
| 22IR/L5.0ISO | 5.0 | | 12.7 | 1.7 | 2.5 | 22 |

单刀片螺纹铣刀杆



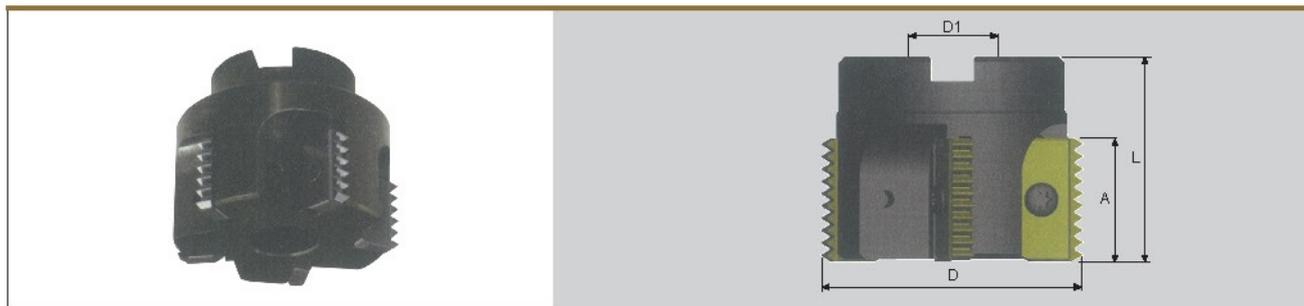
| 型号 | 基本尺寸(mm) | | | | | | 刀片螺丝 | 扳手 |
|-----------|----------|------|----|------|-----|----|------|-----|
| | A | D | D1 | D2 | L | L1 | | |
| SR0009H12 | 12 | 9.5 | 20 | 7.5 | 85 | 14 | S12 | K12 |
| SR0010H12 | 12 | 9.9 | 20 | 7.6 | 85 | 16 | S12 | K12 |
| SR0012F14 | 14 | 12.0 | 20 | 8.9 | 75 | 20 | S14 | K14 |
| SR0014H14 | 14 | 14.5 | 20 | 11.2 | 85 | 25 | S14 | K14 |
| SR0017H14 | 14 | 17.0 | 20 | 13.4 | 85 | 30 | S14 | K14 |
| SR0018H21 | 21 | 18.0 | 20 | 14.4 | 85 | 30 | S21 | K21 |
| SR0021H21 | 21 | 21.0 | 20 | 16.5 | 94 | 40 | S21 | K21 |
| SR0029J30 | 30 | 29.0 | 25 | 22.4 | 110 | 50 | S30 | K30 |
| SR0045M40 | 40 | 48.0 | 40 | 35.0 | 153 | 78 | S30 | K40 |

双刀片式螺纹铣刀杆



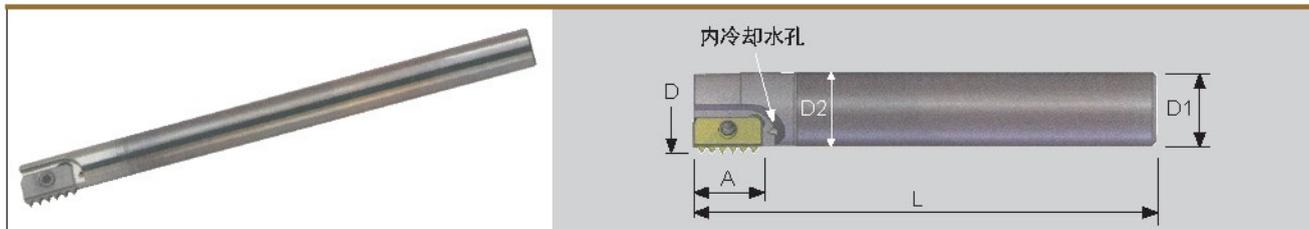
| 型号 | 基本尺寸(mm) | | | | | | 刀片数量 | 刀片螺丝 | 扳手 |
|-------------|----------|----|----|----|-----|----|------|------|-----|
| | A | D | D1 | D2 | L | L1 | | | |
| SR0020H14-2 | 14 | 20 | 20 | 19 | 93 | 41 | 2 | S14 | K14 |
| SR0030J21-2 | 21 | 30 | 25 | 24 | 108 | 52 | 2 | S21 | K21 |
| SR0040L30-2 | 30 | 40 | 32 | 30 | 130 | 70 | 2 | S30 | K30 |
| SR0050M40-2 | 40 | 50 | 40 | 38 | 153 | 78 | 2 | S40 | K40 |

多刀片式螺纹铣刀杆



| 型号 | 基本尺寸(mm) | | | | 刀片数量 | 刀片螺丝 | 扳手 |
|-------------|----------|-----|----|----|------|------|-----|
| | A | D | D1 | L | | | |
| SR0063C21-5 | 21 | 63 | 22 | 50 | 5 | S21 | K21 |
| SR0063C30-4 | 30 | 63 | 22 | 50 | 4 | S30 | K30 |
| SR0080D30-4 | 30 | 80 | 27 | 55 | 4 | S30 | K30 |
| SR0100D30-4 | 30 | 100 | 32 | 60 | 4 | S30 | K30 |
| SR0080D40-4 | 40 | 80 | 27 | 65 | 4 | S40 | K40 |
| SR0100E40-4 | 40 | 100 | 32 | 70 | 4 | S40 | K40 |

加长型硬质合金螺纹铣刀杆

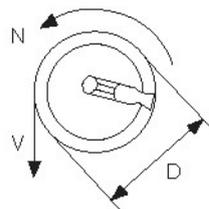


| 型号 | 基本尺寸(mm) | | | | | 刀片螺丝 | 扳手 |
|------------|----------|------|----|----|-----|------|-----|
| | A | D | D1 | D2 | L | | |
| SR0010K12C | 12 | 9.9 | 8 | 8 | 125 | S12 | K12 |
| SR0013H14C | 14 | 13.2 | 10 | 10 | 110 | S14 | K14 |
| SR0013J14C | 14 | 13.2 | 10 | 10 | 150 | S14 | K14 |
| SR0015K14C | 14 | 15.2 | 12 | 12 | 175 | S14 | K14 |
| SR0021K21C | 21 | 21.0 | 16 | 16 | 130 | S21 | K21 |
| SR0021M21C | 21 | 21.0 | 16 | 16 | 200 | S21 | K21 |
| SR0027S30C | 30 | 27.0 | 20 | 20 | 270 | S30 | K30 |

切削速度和机床转速的换算

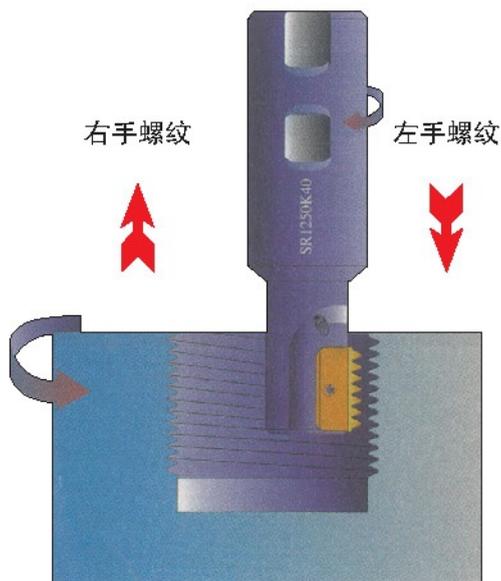
切削速度和转速的换算依据以下公式：

$$N = \frac{V \times 1000}{\pi \times D} = \frac{120 \times 1000}{3.14 \times 30} = 1274 \text{ RPM}$$

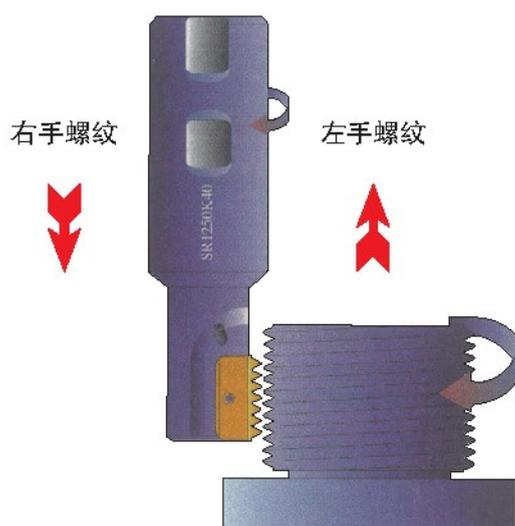


例如：V=120m/min
D=30mm
D=切削直径

内螺纹



外螺纹



滚压加工具备的优点

- 1、提高表面粗糙度，粗糙度基本能达到 $Ra \leq 0.2-0.05\mu m$ 之间；
- 2、滚压加工修正圆度；
- 3、提高表面硬度，使受力变形消除，硬度提高 $HV \geq 40^\circ$ ；
- 4、滚压加工后消除残余应力层，抗疲劳强度提高30%；
- 5、滚压加工提高配合质量，减少磨损，延长零件使用寿命；
- 6、降低零件的加工成本。

工具的选择方法

- 1、根据产品的加工部位选择工具的类型；
- 2、根据产品的大小选择工具的型号；
- 3、根据机床主轴的型号选择装夹方式。

锥滚柱滚压工具

通孔型JS-TK

应用案例：缸体、电机定子、
连杆、阀体、摇臂等



内孔用镜面滚压工具，适用于通孔的加工
加工孔径 $\phi 4.5-\phi 500$ 为标准规格

盲孔型JS-MK

应用案例：制动泵体、液压
阀、轴承档、活塞等



内孔用镜面滚压工具，适用于盲孔的加工
加工孔径 $\phi 9-\phi 500$ 为标准规格

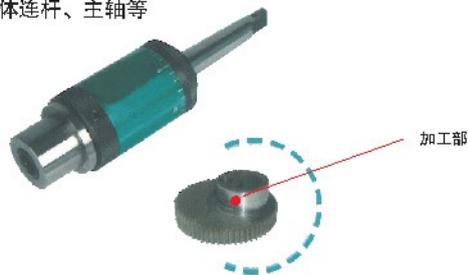
| 工具型号 | 盲孔 | 9-16 | 17-19 | 20-25 | 26-40 | 41-74 | 75-99 | 100-150 | 150-200 | |
|-------------|----|------------|------------|------------|------------|-------------|------------|-----------|-----------|-----------|
| | 通孔 | 4.5-8 | 9-16 | 17-19 | 20-25 | 26-40 | 41-74 | 75-99 | 100-150 | 150-200 |
| 滚压力 (mm) | | 0.005-0.01 | 0.01-0.025 | 0.015-0.03 | 0.015-0.03 | 0.015-0.035 | 0.015-0.04 | 0.02-0.08 | 0.04-0.01 | 0.05-0.15 |
| 转速 (r/mm) | | 1000-1200 | 800-1200 | 800-1000 | 600-1000 | 300-500 | 300-500 | 200-350 | 100-250 | 80-150 |
| 有效加工长度 (mm) | A | 50 | 50 | 60 | 70 | 80 | 150 | 150 | 150 | 150 |
| | B | 80 | 80 | 90 | 100 | 130 | 200 | 200 | 200 | 200 |
| | C | | 100 | 110 | 120 | 180 | 250 | 250 | 250 | 250 |
| | D | | 130 | 140 | 150 | 230 | 300 | 300 | 300 | 300 |
| 滚针数 | E | | | | 170 | 280 | 350 | 350 | 350 | 350 |
| | | 4 | 4 | 4 | 4-6 | 6-8 | 8-14 | 14-16 | 16-20 | 20-30 |
| 装夹部 (mm) | | 直柄 | 直柄 | 直柄 | 直柄 | 直柄 | | | | |
| | | 锥柄 | 2# | 2# | 2# | 2#/3#/4# | 2#/3#/4# | 3#/4# | 3#/4# | 4#/5# |

注： 工具型号例：JS-MK18A13 是指内孔径18mm，盲孔孔深60mm以内，配13直柄；
JS-TK22B2 是指内孔径22mm，通孔孔深100mm以内，配莫氏2#锥柄。

滚压工具

外圆型 JS-WY

应用案例：导杆、扭矩变换器零部件、缸体连杆、主轴等



平面A型 JS-PA

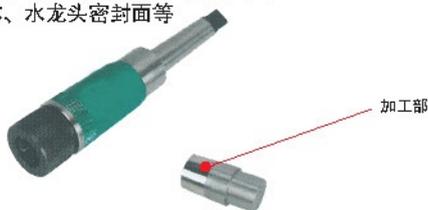
应用案例：航空配件、汽车配件等



适用于沉孔内平面的镜面加工，可深入孔底，具体尺寸按客户要求定制

外锥型 JS-ZW

应用案例：煤气阀、阀门密封面、管接头密封面、煤气阀阀体、水龙头密封面等



- 1、外锥滚压工具最小直径为4 mm；
- 2、锥面的角度、长度可按照工件参数定做。

平面B型 JS-PB

应用案例：平面法兰



适用于平面的镜面加工，可平移，具体尺寸按客户要求定制

内锥型 JS-ZN

应用案例：煤气阀、阀门密封面、管接头密封面、煤气阀阀体、水龙头密封面等



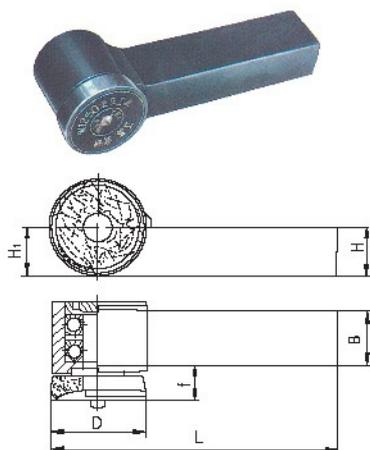
- 1、适用于阀门密封面的超精密加工；
- 2、被滚压的加工面其密封性及耐久性被大幅度地提高，其卓越的性能得到充分地发挥；
- 3、锥面的角度、长度可按照工件参数定做。

压光刀 JS-NL



- 1、适用于内膛镜面加工，通用性强，使用方便；
- 2、标准规格：JS-NL50和JS-NL70；
- 3、其它尺寸可根据客户要求定制

硬质合金外圆滚压工具



硬质合金外圆滚压工具，主要用于车床上对轴类零件外圆的滚压加工，提高零件的抗疲劳性，耐磨性，耐腐蚀性，降低表面粗糙程度，替代磨削工艺，提高生产效率。

滚压参数(参考)

工件线速度 $V=10-25\text{m}/\text{min}$

进给量 $f=0.08-0.15\text{mm}/\text{r}$

滚压过盈量 $\mu=0.15\text{mm}$ (单边)

实际压入量 $0.01-0.02\text{mm}$

| 型号 | 基本尺寸 (mm) | | | | |
|-------|-----------|----|----|-----|----|
| | H=H1 | B | D | L | I |
| W1250 | 25 | 30 | 50 | 150 | 13 |
| W1270 | 30 | 35 | 70 | 190 | 15 |

整体硬质合金复合钻

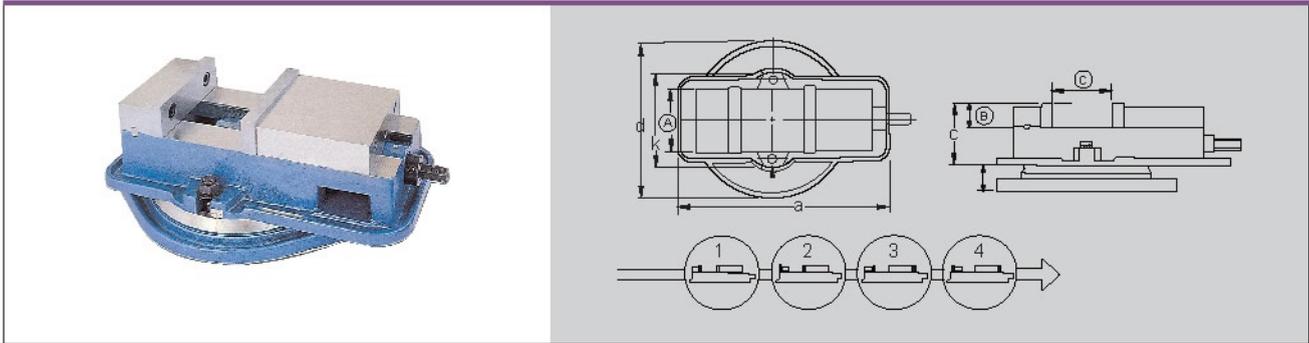


整体硬质合金非标铰刀系列



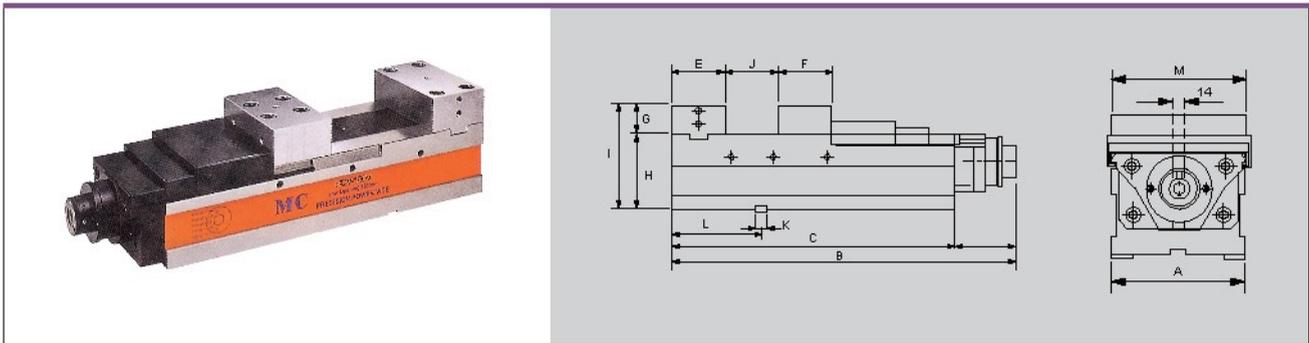
附件

角固虎钳



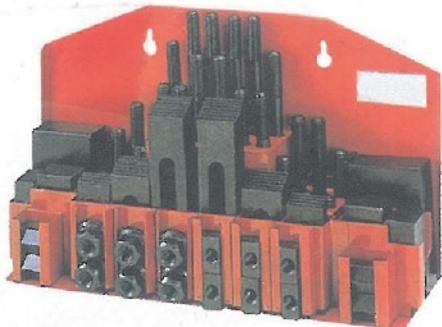
| 型号 | A | B | C | a | k | c | d | e | f | 毛重 (kg) | |
|------|-----|----|-----|-----|-----|-----|-----|----|----|---------|------|
| | | | | | | | | | | plain | with |
| CH-4 | 102 | 36 | 103 | 325 | 165 | 96 | 243 | 31 | 6 | 16 | 20 |
| CH-6 | 152 | 46 | 142 | 418 | 209 | 119 | 328 | 39 | 9 | 36 | 42 |
| CH-8 | 200 | 62 | 197 | 548 | 295 | 147 | 416 | 45 | 11 | 70 | 80 |

角固虎钳



| 型号 | A | B | C | D | E | F | G | H | I | J | K | L | M | 夹持力 | N.W |
|--------------|-----|-----|-----|----|----|----|----|-----|-----|-----|----|-----|-------|---------|-------|
| HQV-160VS | 161 | 515 | 486 | 99 | 86 | 86 | 45 | 105 | 150 | 235 | 18 | 145 | 159.5 | 5000kgf | 159.5 |
| HQV-160VM | 161 | 550 | 486 | 99 | 86 | 86 | 45 | 105 | 150 | 270 | 18 | 145 | 159.5 | 5000kgf | 159.5 |
| HQV-160V | 161 | 585 | 486 | 99 | 86 | 86 | 45 | 105 | 150 | 305 | 18 | 145 | 159.5 | 5000kgf | 159.5 |
| HQV-160V-200 | 161 | 585 | 486 | 99 | 86 | 86 | 45 | 105 | 150 | 305 | 18 | 145 | 200 | 5000kgf | 200 |

52pcs 万能夹具组

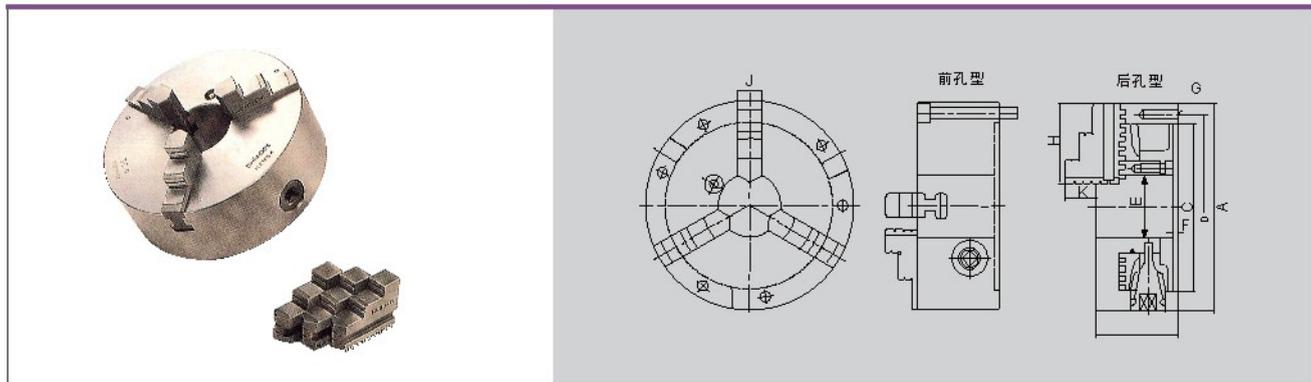


| 型号 | | | | |
|---------|--------|----------|-----|--------|
| CK-103A | 7/16" | 3/8"×16W | 7 | (C)0.8 |
| CK-103B | 1/2" | 3/8"×16W | 7 | (C)0.8 |
| CK-104A | 9/16" | 1/2"×12W | 9.5 | (C)1.0 |
| CK-104B | 5/8" | 1/2"×13W | 10 | (C)1.0 |
| CK-105A | 11/16" | 5/8"×11W | 13 | (C)1.5 |
| CK-105B | 3/4" | 5/8"×11W | 13 | (C)1.5 |
| CK-206 | 7/8" | 3/4"×10W | 25 | (C)2.0 |
| CK-08 | 10 | 8-1.25P | 7 | (C)0.8 |
| CK-10 | 12 | 10-1.5P | 10 | (C)0.8 |
| CK-12A | 14 | 12-1.75P | 9.5 | (C)1.0 |
| CK-12B | 16 | 12-1.75P | 10 | (C)1.0 |
| CK-14 | 16 | 14-2.0P | 11 | (C)1.5 |
| CK-16 | 18 | 16-2.0P | 13 | (C)1.5 |
| CK-18 | 20 | 18-2.5P | 25 | (C)1.6 |
| CK-20 | 22 | 20-2.5P | 26 | (C)2.0 |

G

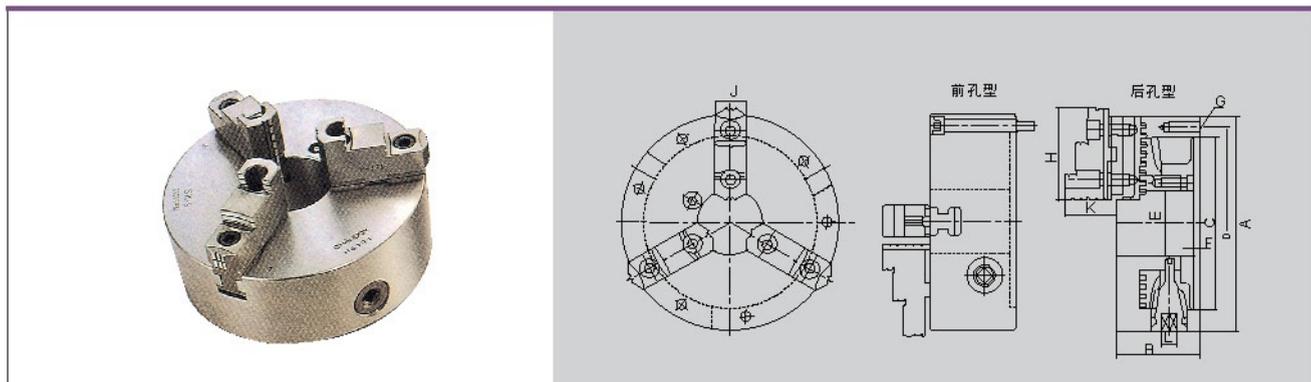
附件

普通型三爪夹头



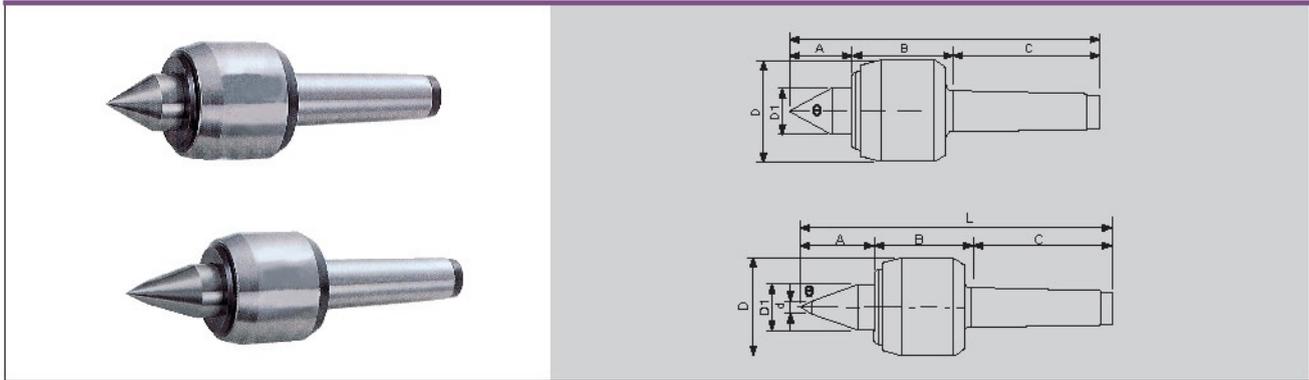
| 规格/形式 | A | B | C | D | E | F | G | H | J | K | L | 毛重 | 最高回转速 | 把握范围 | |
|-------|-----|-----|-----|-----|-----|-----|-------|-----|----|----|----|------|-------|---------|----------|
| | | | | | | | | | | | | | | 外径把握 | 内径把握 |
| SC-03 | 85 | 45 | 60 | 73 | 16 | 3.5 | 3-M6 | 35 | 11 | 15 | 7 | 1.9 | 2500 | Ø2-70 | Ø24-64 |
| SC-04 | 115 | 58 | 80 | 95 | 24 | 4.5 | 3-M8 | 42 | 14 | 18 | 8 | 3.9 | 2500 | Ø3-90 | Ø32-84 |
| SC-05 | 132 | 60 | 100 | 115 | 32 | 4.5 | 3-M8 | 50 | 16 | 20 | 8 | 5.4 | 2500 | Ø3-110 | Ø35-100 |
| SC-06 | 167 | 66 | 130 | 147 | 45 | 5 | 3-M10 | 65 | 19 | 27 | 10 | 9.5 | 2000 | Ø4-160 | Ø48-150 |
| SC-07 | 193 | 76 | 155 | 172 | 58 | 5 | 3-M10 | 75 | 22 | 28 | 11 | 14.4 | 2000 | Ø4-180 | Ø56-170 |
| SC-08 | 203 | 76 | 160 | 176 | 58 | 5 | 3-M10 | 75 | 22 | 28 | 11 | 15.7 | 2000 | Ø4-180 | Ø56-170 |
| SC-09 | 233 | 84 | 190 | 210 | 70 | 6 | 3-M12 | 85 | 24 | 33 | 12 | 23.2 | 2000 | Ø5-220 | Ø62-210 |
| SC-10 | 273 | 86 | 230 | 250 | 89 | 6 | 3-M12 | 98 | 28 | 37 | 12 | 31.4 | 1800 | Ø6-260 | Ø70-250 |
| SC-12 | 310 | 96 | 260 | 285 | 105 | 7 | 3-M12 | 110 | 30 | 44 | 14 | 44.8 | 1800 | Ø10-300 | Ø86-290 |
| SC-16 | 405 | 122 | 345 | 375 | 160 | 8.5 | 6-M14 | 146 | 40 | 56 | 15 | 97 | 1500 | Ø14-400 | Ø100-380 |

强力型三爪夹头



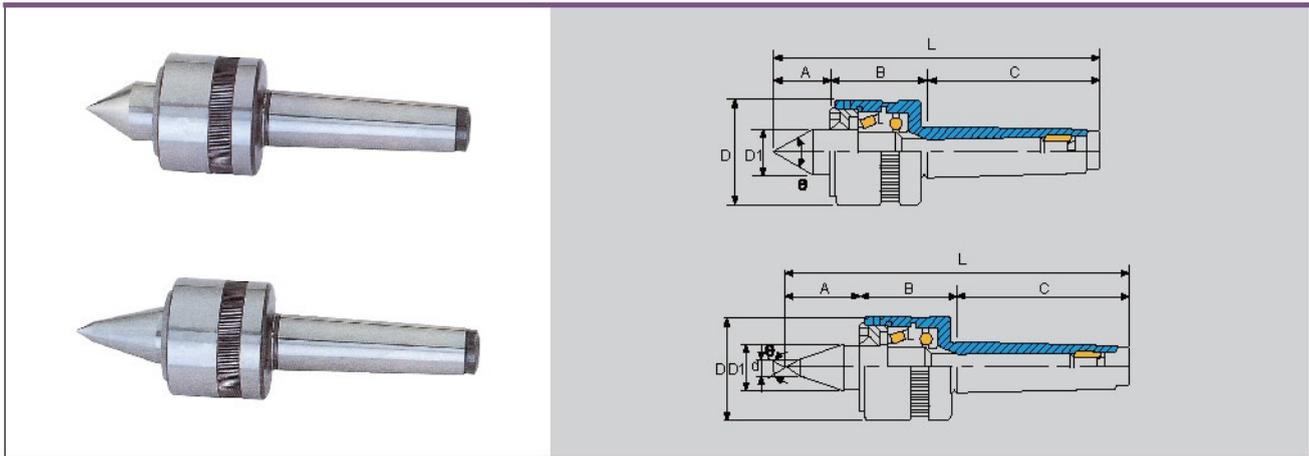
| 规格/形式 | A | B | C | D | E | F | G | H | J | K | L | 毛重 | 最高回转速 | 把握范围 | |
|-------|-----|-----|-----|-----|-----|-----|-------|-----|----|------|----|------|-------|---------|----------|
| | | | | | | | | | | | | | | 外径把握 | 内径把握 |
| SK-06 | 167 | 66 | 130 | 147 | 45 | 5 | 3-M10 | 68 | 26 | 39 | 10 | 9.4 | 2000 | Ø8-160 | Ø55-150 |
| SK-07 | 193 | 76 | 155 | 172 | 58 | 5 | 3-M10 | 82 | 28 | 43 | 11 | 13.9 | 2000 | Ø8-180 | Ø62-170 |
| SK-08 | 203 | 76 | 160 | 176 | 58 | 5 | 3-M10 | 82 | 28 | 43 | 11 | 15.3 | 2000 | Ø8-150 | Ø62-170 |
| PS-09 | 233 | 84 | 190 | 210 | 70 | 6 | 3-M12 | 94 | 32 | 50 | 12 | 22.4 | 2000 | Ø11-220 | Ø70-210 |
| SK-10 | 273 | 86 | 230 | 250 | 89 | 6 | 3-M12 | 94 | 32 | 50 | 12 | 29 | 1800 | Ø12-260 | Ø80-250 |
| PS-12 | 310 | 96 | 260 | 285 | 105 | 7 | 3-M12 | 118 | 40 | 56 | 14 | 42.8 | 1800 | Ø15-300 | Ø90-290 |
| PS-16 | 450 | 122 | 345 | 375 | 160 | 8.5 | 6-M14 | 150 | 45 | 75.5 | 15 | 91 | 1500 | Ø30-400 | Ø110-380 |

高性能回转顶针NCK



| | 型号 | A | B | C | D | D1 | d | L | Co精度 | Max | Θ | 重量kgs | 包装尺寸 |
|----------|-----------|----|-----|-----|-----|----|----|-----|-------|-----------|-----|---------|-------------|
| 08010022 | NCK-MT.2A | 30 | 38 | 69 | 32 | 13 | - | 127 | 0.003 | 6000R.P.M | 60° | 0.8kgs | 240x70x61 |
| 08010023 | NCK-MT.2A | 34 | 61 | 86 | 58 | 25 | - | 181 | 0.003 | 5200R.P.M | 60° | 1.8kgs | 253x92x80 |
| 08010024 | NCK-MT.2A | 44 | 72 | 109 | 76 | 35 | - | 225 | 0.003 | 5000R.P.M | 60° | 3.2kgs | 290x92x80 |
| 08010025 | NCK-MT.2A | 60 | 91 | 136 | 95 | 45 | - | 287 | 0.003 | 3500R.P.M | 60° | 0.8kgs | 303x108x101 |
| 08010026 | NCK-MT.2A | 64 | 106 | 190 | 120 | 58 | - | 360 | 0.008 | 2300R.P.M | 60° | 5.6kgs | 410x177x168 |
| 08010033 | NCK-MT.2A | 45 | 61 | 86 | 58 | 25 | 10 | 192 | 0.003 | 5200R.P.M | 60° | 12.0kgs | 290x92x80 |
| 08010034 | NCK-MT.2A | 55 | 72 | 109 | 76 | 35 | 12 | 236 | 0.003 | 5000R.P.M | 60° | 3.2kgs | 253x92x80 |
| 08010035 | NCK-MT.2A | 70 | 91 | 136 | 95 | 45 | 14 | 297 | 0.003 | 3500R.P.M | 60° | 6.0kgs | 303x108x101 |

可调式顶针NCR



| | 型号 | A | B | C | D | D1 | d | L | Co精度 | Max | Θ | 重量kgs | 包装尺寸 |
|----------|-----------|----|----|-----|-----|----|----|-----|-------|-----------|-----|--------|-------------|
| 08070003 | NCR-MT.3A | 37 | 47 | 86 | 50 | 25 | - | 170 | 0.003 | 5000R.P.M | 60° | 1.5kgs | 240x70x61 |
| 08070004 | NCR-MT.4A | 45 | 59 | 108 | 65 | 32 | - | 212 | 0.003 | 4500R.P.M | 60° | 2.5kgs | 253x92x80 |
| 08070005 | NCR-MT.5A | 50 | 62 | 136 | 80 | 40 | - | 248 | 0.003 | 3500R.P.M | 60° | 4.5kgs | 308x108x101 |
| 08070006 | NCR-MT.6A | 66 | 85 | 189 | 128 | 60 | - | 333 | 0.003 | 1500R.P.M | 60° | 16kgs | 410x177x168 |
| 08070013 | NCR-MT.3A | 47 | 47 | 86 | 50 | 25 | 10 | 180 | 0.008 | 5000R.P.M | 60° | 1.6kgs | 240x70x61 |
| 08070014 | NCR-MT.4A | 55 | 59 | 108 | 65 | 32 | 12 | 222 | 0.003 | 4500R.P.M | 60° | 2.6kgs | 253x92x80 |
| 08070015 | NCR-MT.5A | 60 | 85 | 136 | 80 | 40 | 14 | 258 | 0.003 | 3500R.P.M | 60° | 4.6kgs | 303x108x101 |

BT型清洁棒



| 型号 | 斜度 | 净重 | 毛重 | 装箱尺寸 | 备注 |
|-------|-----|--------|--------|--------------|-------|
| W-30 | #30 | 0.06kg | 0.06kg | 41x26.5x18cm | 30支/箱 |
| W-40 | #40 | 0.07kg | 0.07kg | 41x26.5x18cm | 30支/箱 |
| W-50 | #50 | 0.16kg | 0.16kg | 41x26.5x18cm | 10支/箱 |
| W-30P | #30 | 0.06kg | 0.06kg | 41x26.5x18cm | 30支/箱 |
| W-40P | #40 | 0.07kg | 0.07kg | 41x26.5x18cm | 30支/箱 |
| W-50P | #50 | 0.16kg | 0.16kg | 41x26.5x18cm | 10支/箱 |

HSK型清洁棒



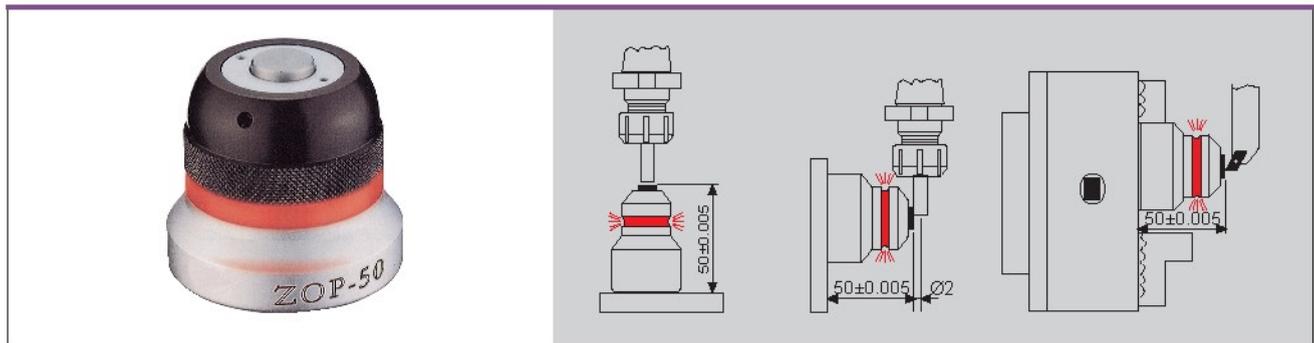
| 型号 | 斜度 | 净重 | 毛重 | 装箱尺寸 | 备注 |
|-------------|----------|--------|--------|--------------|-------|
| W-HSK40A | HSA40A | 0.06kg | 0.1kg | 41x26.5x18cm | 10支/箱 |
| W-HSK50A/H | HSK50A/H | 0.08kg | 0.12kg | 41x26.5x18cm | 10支/箱 |
| W-HSK63A/HA | HSK63A/H | 0.1kg | 0.13kg | 41x26.5x18cm | 10支/箱 |
| W-HSK100A | HSK100A | 0.1kg | 0.13kg | 41x26.5x18cm | 10支/箱 |

Z轴设定器ZIP-50/50A



| 型号 | 类型 | 高度 | 重量/kgs | 包装尺寸LxWxH |
|----------|---------|-----------------------|--------|------------|
| 08420551 | ZIP-50 | 50 ^{+0.005} | 1.2kgs | 101x101x90 |
| 08420552 | ZOV-50 | 50 ^{+0.005} | 1.4kgs | 167x96x70 |
| 08420553 | ZIP-50A | 50 ^{+0.005} | 1.8kgs | 101x101x90 |
| 08420554 | ZIP-100 | 100 ^{+0.005} | 3kgs | |

光电式Z轴设定器ZOP-50



| 型号 | 类型 | 高度 | 重量/kgs | 包装尺寸LxWxH |
|----------|---------|-----------|--------|-------------|
| 08420510 | ZOP-100 | 100±0.005 | 0.9kgs | 101x101x150 |
| 08420550 | ZOV-50 | 50±0.005 | 0.6kgs | 101x101x90 |

附件

简易式寻边器



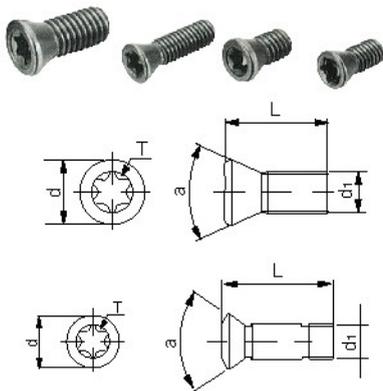
| 型号 | |
|---------|--------|
| ME-1020 | ME-420 |

光电式寻边器



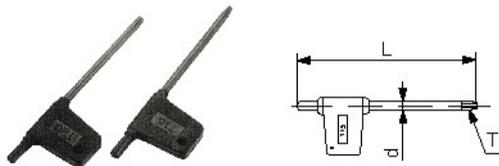
| 型号 | 柄部直径 | 总长度 | 测头 |
|------|------|-----|----|
| PM20 | 20 | 147 | 10 |
| PM32 | 32 | 147 | 10 |

通用螺丝



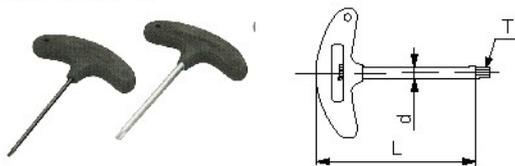
| 型号 | 基本尺寸(mm) | | | | |
|--------|----------|-----|-----|-----|------|
| | d | d1 | L | a | T(H) |
| M2*4 | 2.7 | 2 | 3.7 | 55° | 6 |
| M2*5 | 2.7 | 2 | 5 | 55° | 6 |
| M2.2*5 | 3 | 2.2 | 4.8 | 55° | 8 |
| M2.5*5 | 3.5 | 2.5 | 5.5 | 55° | 8 |
| M2.5*6 | 3.5 | 2.5 | 6 | 55° | 8 |
| M3*6 | 4 | 3 | 6.5 | 55° | 10 |
| M3*7 | 4 | 3 | 7 | 55° | 10 |
| M3.5*8 | 5.2 | 3.5 | 8.5 | 55° | 15 |
| M4*8 | 5.5 | 4 | 8.5 | 55° | 15 |
| M4*9 | 5.5 | 4 | 9 | 55° | 15 |
| M4*10 | 6 | 4 | 10 | 55° | 15 |
| M4*11 | 5.5 | 4 | 11 | 55° | 15 |
| M5*11 | 7.2 | 5 | 11 | 55° | 20 |
| M5*12 | 7.2 | 5 | 12 | 55° | 20 |

旗形扳手



| 型号 | 基本尺寸(mm) | | |
|-----|----------|----|------|
| | d | L | T(H) |
| T6 | 2.5 | 84 | 6 |
| T8 | 3 | 86 | 8 |
| T10 | 3 | 90 | 10 |
| T15 | 5 | 94 | 15 |
| T20 | 5 | 94 | 20 |

T形扳手



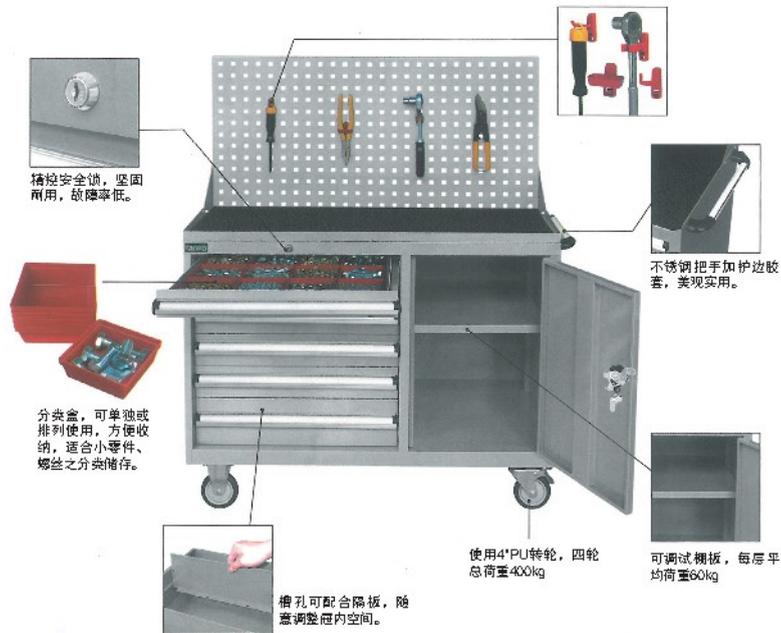
| 型号 | 基本尺寸(mm) | | |
|------|----------|-----|----|
| | d | L | T |
| TH6 | 2.5 | 92 | 6 |
| TH8 | 3 | 92 | 8 |
| TH10 | 3 | 102 | 10 |
| TH15 | 5 | 102 | 15 |
| TH20 | 5 | 102 | 20 |

直柄扳手



| 型号 | 基本尺寸(mm) | | |
|------|----------|-----|----|
| | d | L | T |
| T6A | 2.5 | 92 | 6 |
| T8A | 3 | 94 | 8 |
| T10A | 3 | 98 | 10 |
| T15A | 5 | 102 | 15 |
| T20A | 5 | 102 | 20 |

工具车



刀具车



立卧式锁刀座



| 型号 | | |
|------|------|------|
| BT30 | BT40 | BT50 |

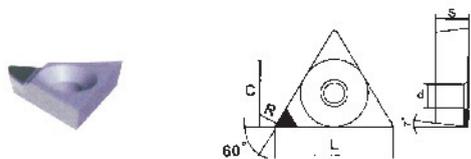
万向式锁刀座



| 型号 | | |
|------|------|------|
| BT30 | BT40 | BT50 |

PCD/CBN刀具

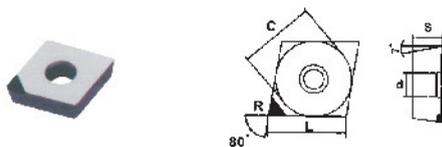
PCD/CBN刀片



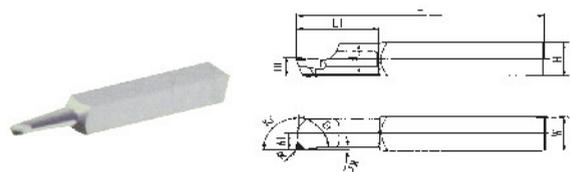
| 型号 | 基本尺寸 (mm) | | | | |
|------------|-----------|-------|------|-----|-----|
| | L | C | S | d | R |
| TCGW090204 | 9.6 | 5.56 | 2.38 | 2.5 | 0.4 |
| TCGW110204 | 11.0 | 6.35 | 2.38 | 2.8 | 0.4 |
| TCGW16T304 | 16.5 | 9.525 | 3.97 | 4.3 | 0.4 |



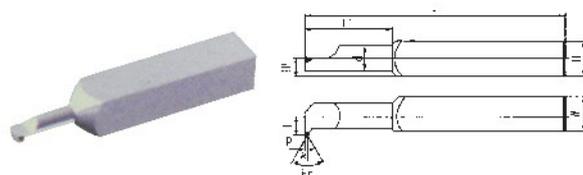
| 型号 | 基本尺寸 (mm) | | | | |
|------------|-----------|------|------|-----|-----|
| | L | C | S | d | R |
| TPGB080204 | 8.3 | 4.76 | 2.38 | 2.5 | 0.4 |
| TPGB090204 | 9.52 | 5.56 | 2.38 | 2.5 | 0.4 |
| TPGB110304 | 11 | 6.35 | 3.18 | 3.3 | 0.4 |
| TPGB16T304 | 16.5 | 9.52 | 3.97 | 4.3 | 0.4 |



| 型号 | 基本尺寸 (mm) | | | | |
|------------|-----------|-------|------|-----|----------|
| | L | C | S | d | α |
| CCGT050204 | 5.6 | 5.56 | 2.38 | 2.8 | 11° |
| CCMT060204 | 6.4 | 6.35 | 2.38 | 2.8 | 7° |
| CCMT090304 | 9.7 | 9.525 | 3.18 | 4.4 | 7° |
| CCMT09T304 | 9.7 | 9.525 | 3.97 | 5.5 | 7° |
| CCMT120404 | 12.9 | 12.7 | 4.76 | 5.5 | 7° |



| 基本尺寸 (mm) | | | | | | | | | |
|-----------|-----|------|----|-----|-----|----|----|-----|-----|
| Kr° | W1 | H1 | H | W/D | L | d | L1 | Er° | R |
| 95 | 6 | 10 | 20 | 20 | 120 | 10 | 30 | 70 | 0.4 |
| 95 | 6 | 12.5 | 25 | 25 | 120 | 10 | 30 | 80 | 0.4 |
| 95 | 9.5 | 10 | 20 | D20 | 120 | 16 | 30 | 70 | 0.4 |
| 95 | 9.5 | 10 | 20 | D20 | 120 | 16 | 30 | 90 | 0.4 |



| 基本尺寸 (mm) | | | | | | | | | |
|-----------|-----|----|----|-----|-----|----|----|------|-----|
| P | Er° | H1 | H | W/D | L | d | L1 | f | R |
| 0.5 | 60 | 10 | 20 | 20 | 120 | 12 | 25 | 9 | 0.4 |
| 0.75 | 60 | 10 | 20 | 20 | 120 | 15 | 25 | 10.5 | 0.5 |
| 1 | 60 | 10 | 20 | 20 | 140 | 18 | 30 | 12 | 0.6 |
| 1.25 | 60 | 10 | 20 | 20 | 140 | 18 | 30 | 13 | 0.6 |

PCD/CBN复合刀具

