

**SHAREATE**

苏州新锐合金工具股份有限公司  
SHAREATE TOOLS LTD.

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**SHAREATE**  
**新锐股份**



**硬质合金棒材**

CEMENTED CARBIDE ROD

苏州新锐合金工具股份有限公司  
SHAREATE TOOLS LTD.

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## 公司简介

苏州新锐合金工具股份有限公司（原苏州江钻新锐硬质合金有限公司）——国家高新技术企业，从事硬质合金制品及矿用凿岩工具研发与制造的专业化公司，拥有潜江和苏州两大制造基地，具备世界先进的生产与检测装备，是国内技术水平领先、规模持续增大的油用合金和矿用凿岩工具研发及制造基地。

公司具备雄厚的科技创新能力，已形成系统的自主知识产权与技术，2008年首次通过API资格认证证书并延续至今，2001年获得ISO9001质量体系认证并延续至今。获得国家授权专利35项，其中发明专利14项；拥有专有技术40余项。已建成的江苏省技术中心和江苏省工程技术研究中心为企业的持续创新提供了坚实基础。

公司主要产品包括：超细硬质合金棒料、细晶粒切削刀具、冲压模具用板块、冷镦模、金属陶瓷、粉末冶金模具、石油钻探用硬质合金齿、矿用硬质合金齿、金刚石复合片用基体、石油钻头喷嘴、碳化钨管状焊条、精密零部件、非标异型件及矿用三牙轮钻头、冲击器等；产品远销日本、韩国、美国、加拿大、澳大利亚、俄罗斯等10多个国家和地区，深受国内外用户青睐和好评。

公司坚持国际化、现代化、制造服务一体化的方向，借助长三角地域优势，不断推进核心技术发展，磨砺自我，竭力打造硬质合金及矿用凿岩工具世界知名品牌。我们深知成功离不开广大用户的信任和支持，新锐愿与国内外用户携手，共同创造美好的明天。



## 激情成就梦想，品质成就尊贵

### 30多年硬质合金技术的累积和不断创新

- ◎源自1982年，中国首家全套引进美国硬质合金生产装备和技术的企业
- ◎低压烧结工艺的先行者，拥有高端专业的压力烧结炉
- ◎先进完善的理化检测和实验中心，具备行业发展前瞻性的研发能力

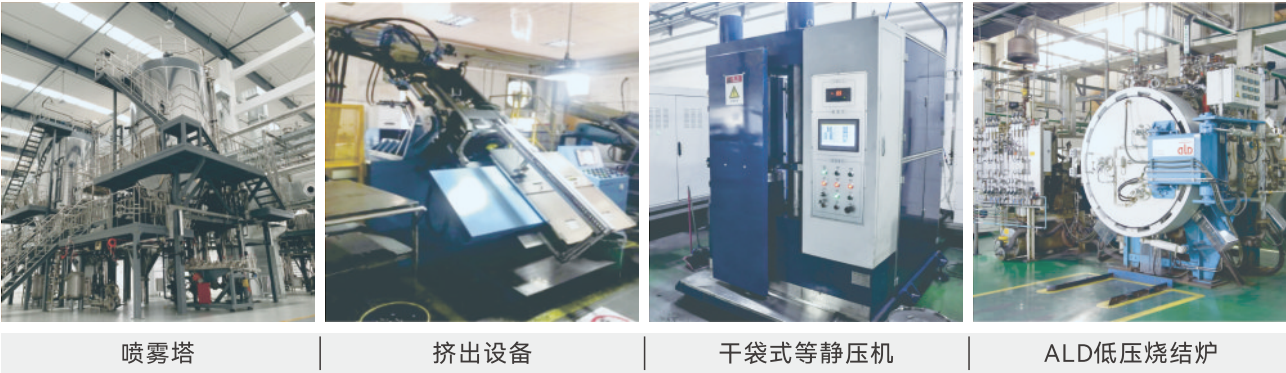
## 历史沿革



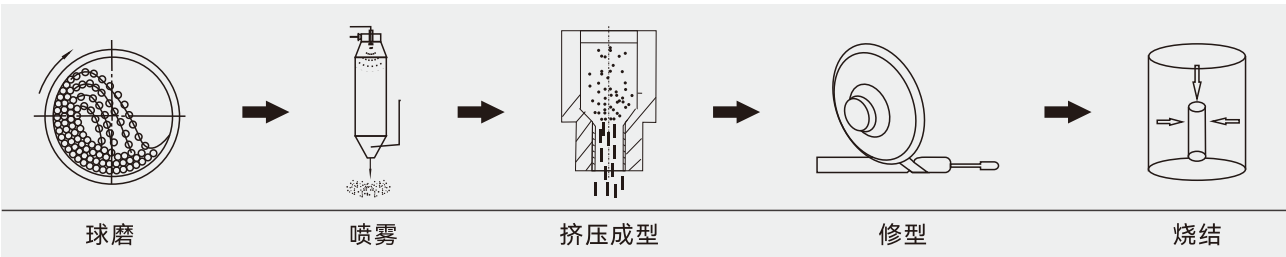
主要设备

制造设备 品质第一的生产体制

整洁的操作现场让生产井然有序，合理的工位布局提高了工作效率，规范的作业流程保证了产品质量。



流程图



检测设备 品质第一的检验体制

公司配备各类先进的实验仪器和检测设备，富有经验的技术人员进行全过程监控，为产品质量提供了保障。



编码体系

| 形状分类 | 主特征 | 主尺寸 |      | 牌号  | 辅特征  |    | 辅尺寸 |     | 形状标准 |      |      |
|------|-----|-----|------|-----|------|----|-----|-----|------|------|------|
| 形状分类 | 主特征 | 直径  | 长度   | 牌号  | 螺旋角度 | 孔数 | 孔径  | 孔距  | 磨削尺寸 | 倒角要求 | 形状要求 |
| R    | S   | 103 | 3300 | SD+ | 30   | 2  | 140 | 058 | h5   | C    | Y    |

|       |        |    |    |             |      |    |    |    |           |        |        |
|-------|--------|----|----|-------------|------|----|----|----|-----------|--------|--------|
| ①     | ②      | ③  | ④  | ⑤           | ⑥    | ⑦  | ⑧  | ⑨  | ⑩         | ⑪      | ⑫      |
| 形状分类  | 主特征    | 直径 | 长度 | 牌号          | 螺旋角度 | 孔数 | 孔径 | 孔距 | 磨削尺寸      | 倒角要求   | 形状要求   |
| R-圆棒  | S-实心棒  |    |    | ST-XR10ST   |      |    |    |    | 无-毛坯      |        |        |
| Y-异型棒 | C-单直孔棒 |    |    | SD-XR10SD   |      |    |    |    | h5-精磨h5   |        |        |
| V-V槽棒 | P-双直孔棒 |    |    | SD+-XR10SD+ |      |    |    |    | h6-精磨h6   |        |        |
| ...   | H-螺旋棒  |    |    | UF-XR12UF   |      |    |    |    | H7-特殊直径公差 |        |        |
|       |        |    |    | 2S-XR12S    |      |    |    |    | H8-粗磨     |        |        |
|       |        |    |    | U1-XR06U    |      |    |    |    | ...       |        |        |
|       |        |    |    | KA-XR50     |      |    |    |    |           | ⑪ 倒角要求 |        |
|       |        |    |    | CS-XR70     |      |    |    |    |           | 无-不倒角  |        |
|       |        |    |    | M+-XR80     |      |    |    |    |           | C-倒角   |        |
|       |        |    |    | U2+-XR90    |      |    |    |    |           |        | ⑫ 形状要求 |
|       |        |    |    | MT-XR100    |      |    |    |    |           |        | Y-尖锥   |
|       |        |    |    |             |      |    |    |    |           |        | O-油槽   |
|       |        |    |    |             |      |    |    |    |           |        | T-油槽尖锥 |
|       |        |    |    |             |      |    |    |    |           |        | ...    |

牌号介绍

钻削高性能产品系列

| 牌号      | Co (%) | 晶粒度 (um) | 密度 (g/cm³) | 硬度   |      | 抗弯强度 (MPa) | 断裂韧性 (MPa*m <sup>1/2</sup> ) | ISO分类   |
|---------|--------|----------|------------|------|------|------------|------------------------------|---------|
|         |        |          |            | HRA  | Hv30 |            |                              |         |
| XR10ST  | 10     | 0.7      | 14.40      | 91.8 | 1580 | >4000      | 10.4                         | K30-K40 |
| XR10SD+ | 10     | 0.6      | 14.40      | 92.0 | 1620 | >4000      | 10.2                         | K30-K40 |

细分领域高性能产品系列

| 牌号     | Co (%) | 晶粒度 (um) | 密度 (g/cm³) | 硬度   |      | 抗弯强度 (MPa) | 断裂韧性 (MPa*m <sup>1/2</sup> ) | ISO分类   |
|--------|--------|----------|------------|------|------|------------|------------------------------|---------|
|        |        |          |            | HRA  | Hv30 |            |                              |         |
| XR50   | 6      | 0.9      | 14.95      | 92.5 | 1720 | >3600      | 10.0                         | K20-K30 |
| XR100  | 6.5    | 0.6      | 14.80      | 93.2 | 1840 | >3800      | 9.4                          | K10-K20 |
| XR06U  | 6.5    | 0.4      | 14.75      | 94.0 | 2040 | >3800      | 9.0                          | K05-K10 |
| XR09U  | 9      | 0.4      | 14.45      | 93.8 | 1950 | >4000      | 9.3                          | K05-K15 |
| XR12UF | 12     | 0.4      | 14.10      | 92.6 | 1740 | >4200      | 9.9                          | K20-K30 |
| XR80   | 8.5    | 0.4      | 14.60      | 93.3 | 1850 | >4000      | 9.5                          | H10-H20 |
| XR90   | 9      | 0.2      | 14.45      | 94.0 | 2020 | >4200      | 9.2                          | H05-H10 |
| XR70   | 12     | 0.7      | 14.10      | 91.5 | 1550 | >4000      | 11.0                         | S20-S40 |
| XR12S  | 12     | 0.6      | 14.10      | 91.8 | 1580 | >4000      | 10.3                         | S20-S40 |

通用产品系列

| 牌号     | Co (%) | 晶粒度 (um) | 密度 (g/cm³) | 硬度   |      | 抗弯强度 (MPa) | 断裂韧性 (MPa*m <sup>1/2</sup> ) | ISO分类   |
|--------|--------|----------|------------|------|------|------------|------------------------------|---------|
|        |        |          |            | HRA  | Hv30 |            |                              |         |
| XR10S  | 10     | 0.8      | 14.40      | 91.7 | 1560 | >4000      | 10.6                         | K30-K40 |
| XR10SD | 10     | 0.6      | 14.40      | 92.1 | 1640 | >4000      | 10.2                         | K30-K40 |
| XR12U+ | 12     | 0.6      | 14.10      | 92.5 | 1720 | >3800      | 10.0                         | K20-K30 |

牌号应用推荐

| 应用领域 | 牌号      | 牌号应用                                                                    | 应用范围                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------|---------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 孔加工  | XR10ST  | 在工况不确定、通用性要求高、做标钻类钻头批发等领域保守推荐牌号，适用于碳素钢、铸铁、不锈钢等孔加工。                      |                                                                                                      |
| 孔加工  | XR10SD+ | 适用于工况稳定、目标客户设备稳定，对极限寿命要求高，在中速钻削具有优异性能，适用于碳素钢、合金钢、不锈钢等孔加工。               |                                                                                                      |
| 精密加工 | XR50    | 适用于有色金属、铝合金和石墨制品（金刚石涂层）的加工，特别是针对金刚石涂层，对各种后处理工艺和各类金刚石涂层结构的适用性好，涂层粘附强度高。  |                                                                                                      |
| 精密加工 | XR100   | 适合用于加工铝合金、纤维强化材料、复合材料、石墨制品（金刚石涂层）等材料，特别适合作为铰刀用于不锈钢、合金钢、碳素钢等材料的修孔，通用性较强。 |                                                                                                      |
| 精密加工 | XR06U   | 高耐磨，在高速铣削上具有优越性能，适用于有色金属、亚克力、纤维加强材料等。可用于PCB钻铣。                          |                                                                                                                                                                                                                                                                            |
| 精密加工 | XR09U   | 适用用碳素钢、不锈钢、有色金属、纤维加强材料等精加工。                                             |                   |
| 模具   | XR12UF  | 在高速轻切削上具有优异性能，适用于碳素钢、不锈钢、有色金属等半精/精加工。                                   |                                                                                                                                                                                                                                                                                                                                                             |
| 模具   | XR80    | 适用于淬火钢，中高硬模具钢等中高硬材料的半精/精加工，以及碳素钢、不锈钢、有色金属等精加工。                          |                                                                                                                                                                                                                                                                                                                                                           |
| 模具   | XR90    | 适用于HRC55以上的高硬模具钢，淬火钢等高硬材料的精加工。                                          |                                                                                                                                                                                                                                                                                                                                                           |
| 航空航天 | XR70    | 高韧性、高红硬性，在低速高进给切削加工上具有卓越性能，适用于高温合金等粗加工。                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3C精密 | XR12S   | 高韧性兼顾优良耐磨性，适用于3C类不锈钢、钛合金、高温合金等高进给/高速加工。                                 |                                                                                                                                                                                                                                                                                                                                                           |
| 通用   | XR10S   | 具有较强的通用性，适用于不锈钢、铝合金的粗加工。                                                |       |
| 通用   | XR10SD  | 高耐磨兼顾优良韧性，在中速铣削上具有优越性能，适用于碳素钢、合金钢、不锈钢等粗加工。                              |       |
| 通用   | XR12U+  | 具有较强的通用性，适用于不锈钢、铝合金的半精/精加工。                                             |       |

|                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 汽车行业                                                                                  | 电气                                                                                    | 电子                                                                                    | 工程工具                                                                                  | 航空航天                                                                                  | 模具                                                                                    | 医疗                                                                                    |
|  |  |  |  |  |  |  |

牌号推荐

| 被加工材料 |        | 刀具种类 |     | 钻削高性能产品系列 |         | 细分领域高性能产品系列 |       |       |       |        |      |      |      | 通用产品系列 |       |        |
|-------|--------|------|-----|-----------|---------|-------------|-------|-------|-------|--------|------|------|------|--------|-------|--------|
|       |        |      |     | XR10ST    | XR10SD+ | XR50        | XR100 | XR06U | XR09U | XR12UF | XR80 | XR90 | XR70 | XR12S  | XR10S | XR10SD |
| P     | 钢      | 钻头   |     | ●         | ★       |             |       |       |       |        |      |      |      |        |       |        |
|       |        | 立铣刀  | 粗加工 |           |         |             |       |       |       |        |      |      |      | ★      | ★     |        |
|       |        |      | 精加工 |           |         |             |       |       | ★     |        |      |      |      |        | ●     | ★      |
| M     | 不锈钢    | 钻头   |     | ●         | ★       |             |       |       |       |        |      |      |      |        |       |        |
|       |        | 立铣刀  | 粗加工 |           |         |             |       |       |       |        | ★    | ●    | ★    | ★      |       |        |
|       |        |      | 精加工 |           |         | ★           |       |       | ★     | ★      |      | ●    |      | ●      | ★     |        |
| K     | 铸铁     | 钻头   |     | ★         | ●       |             |       |       |       |        |      |      |      |        |       |        |
|       |        | 立铣刀  | 粗加工 |           |         |             |       |       |       |        |      |      |      | ★      | ★     |        |
|       |        |      | 精加工 |           |         |             | ★     |       |       | ★      |      |      |      |        | ●     | ★      |
| N     | 有色金属   | 钻头   |     | ★         | ●       |             |       |       |       |        |      |      |      |        |       |        |
|       |        | 立铣刀  | 粗加工 |           |         |             |       |       |       |        |      |      |      | ★      | ★     |        |
|       |        |      | 精加工 |           |         | ●           | ★     |       | ★     |        |      |      |      |        | ●     | ★      |
| S     | 耐热合金   | 钻头   |     | ●         | ★       |             |       |       |       |        |      |      |      |        |       |        |
|       |        | 立铣刀  | 粗加工 |           |         |             |       |       |       |        |      | ★    | ●    |        | ●     |        |
|       |        |      | 精加工 |           |         |             | ★     |       | ●     | ★      | ★    |      | ★    |        |       | ●      |
| H     | 高硬材料   | 钻头   |     |           | ★       |             |       |       |       |        |      |      |      |        |       |        |
|       |        | 立铣刀  | 粗加工 |           |         |             |       |       |       | ★      | ●    |      |      |        |       | ●      |
|       |        |      | 精加工 |           |         |             |       |       | ●     | ●      | ★    | ★    |      |        |       |        |
| 其它    | 纤维复合材料 |      |     |           |         | ●           | ★     | ●     |       |        |      |      |      |        |       |        |
|       | 石墨     |      |     |           | △       | △           |       |       |       |        |      |      |      |        |       |        |

- 优先推荐

★
- 次要推荐

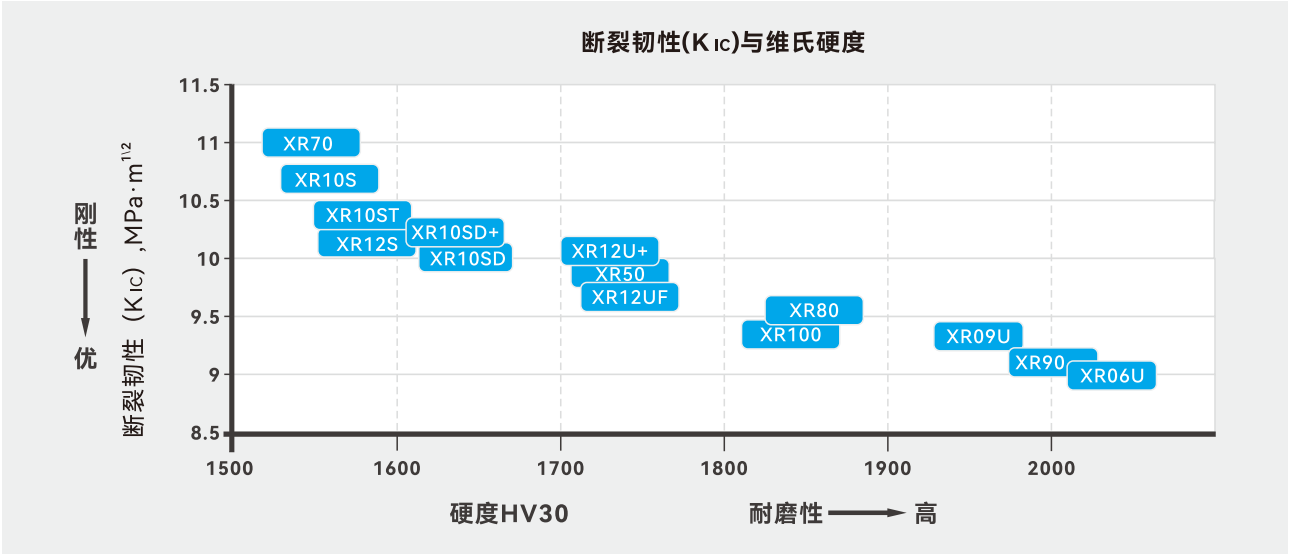
●
- 金刚石涂层

△

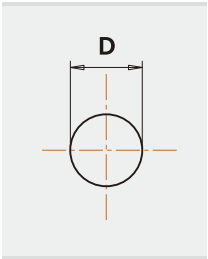
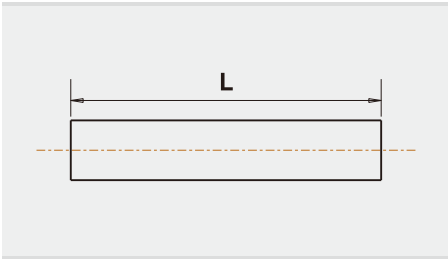
国外牌号对照表

| 牌号             | Sandvik | 钴领      | 森拉天时   | 康纳德   | IMC   | EMT    |
|----------------|---------|---------|--------|-------|-------|--------|
| XR06U          |         | KFM308  |        | K5UF  | SF060 |        |
| XR80           | DM80    |         |        |       |       |        |
| XR90           | PN90    |         | TSF22  | K55SF | UF09  |        |
| XR10ST         | AFK40UF | DK400N  |        | K40XF | UF10  | EMT210 |
| XR10SD/XR10SD+ | H10F    | DK460UF | CTS20D | K40UF |       |        |
| XR12UF         |         | DK500UF | TSF44  | K44UF | UF12  | EMT612 |
| XR70/XR12S     | AM70    |         | CTS24Z |       |       | EMT212 |
| XR100          |         | DK12UF  | CTS12D |       | UF1   | EMT100 |
| XR50           | H6N     | DK120   | CTF12E |       | K20   |        |

材质特性



公制实心圆棒



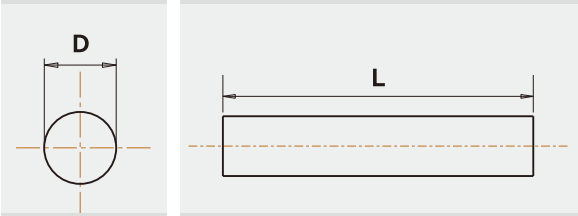
| 长度(mm)       | 公差(mm)      |
|--------------|-------------|
| L≤50         | +0.5/+1.0   |
| 50 < L < 150 | +0.75/+1.25 |
| 150≤L≤300    | +1.0/+2.0   |
| > 300        | +2.0/+5.0   |

可提供下列服务

定长

| <div>● 接受定制</div> <div>★ 标准库存</div> | 毛坯产品编码       | 毛坯直径<br>D (mm) | 公差<br>(mm)  | 长度<br>L (mm) | 库存情况 |
|-------------------------------------|--------------|----------------|-------------|--------------|------|
|                                     | RS0223100*** | 2.2            | +0.0~+0.2   | 310/330      | ★    |
|                                     | RS0323100*** | 3.2            | +0.0~+0.2   | 310/330      | ★    |
|                                     | RS0423100*** | 4.2            | +0.0~+0.2   | 310/330      | ★    |
|                                     | RS0433100*** | 4.3            | +0.05~+0.25 | 310/330      | ★    |
|                                     | RS0523100*** | 5.2            | +0.0~+0.2   | 310/330      | ★    |
|                                     | RS0623100*** | 6.2            | +0.0~+0.2   | 310/330      | ★    |
|                                     | RS0633100*** | 6.3            | +0.05~+0.25 | 310/330      | ★    |
|                                     | RS0723100*** | 7.2            | +0.1~+0.4   | 310/330      | ★    |
|                                     | RS0823100*** | 8.2            | +0.1~+0.4   | 310/330      | ★    |
|                                     | RS0923100*** | 9.2            | +0.1~+0.4   | 310/330      | ★    |
|                                     | RS1023100*** | 10.2           | +0.1~+0.4   | 310/330      | ★    |
|                                     | RS1123100*** | 11.2           | +0.1~+0.4   | 310/330      | ★    |
|                                     | RS1223100*** | 12.2           | +0.1~+0.4   | 310/330      | ★    |
|                                     | RS1323100*** | 13.2           | +0.2~+0.5   | 310/330      | ★    |
|                                     | RS1423100*** | 14.2           | +0.2~+0.5   | 310/330      | ★    |
|                                     | RS1523100*** | 15.2           | +0.2~+0.5   | 310/330      | ★    |
|                                     | RS1623100*** | 16.2           | +0.2~+0.5   | 310/330      | ★    |
|                                     | RS1723100*** | 17.2           | +0.2~+0.5   | 310/330      | ★    |
|                                     | RS1823100*** | 18.2           | +0.2~+0.5   | 310/330      | ★    |
|                                     | RS1923100*** | 19.2           | +0.2~+0.5   | 310/330      | ★    |
|                                     | RS2023100*** | 20.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS2123100*** | 21.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS2223100*** | 22.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS2323100*** | 23.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS2423100*** | 24.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS2523100*** | 25.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS2623100*** | 26.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS2723100*** | 27.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS2823100*** | 28.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS2923100*** | 29.2           | +0.3~+0.7   | 310/330      | ★    |
|                                     | RS3023100*** | 30.2           | +0.3~+0.8   | 310/330      | ★    |
|                                     | RS3123100*** | 31.2           | +0.3~+0.8   | 310/330      | ★    |
|                                     | RS3223100*** | 32.2           | +0.3~+0.8   | 310/330      | ★    |
|                                     | RS3323100*** | 33.2           | +0.3~+0.8   | 310/330      | ●    |
|                                     | RS3423100*** | 34.2           | +0.3~+0.8   | 310/330      | ●    |
|                                     | RS3523100*** | 35.2           | +0.3~+0.8   | 310/330      | ●    |
|                                     | RS3623100*** | 36.2           | +0.3~+0.8   | 310/330      | ●    |
|                                     | RS3723100*** | 37.2           | +0.3~+0.8   | 310/330      | ●    |
|                                     | RS3823100*** | 38.2           | +0.3~+0.8   | 310/330      | ●    |
|                                     | RS3923100*** | 39.2           | +0.3~+0.8   | 310/330      | ●    |
|                                     | RS4023100*** | 40.2           | +0.3~+0.8   | 310/330      | ●    |

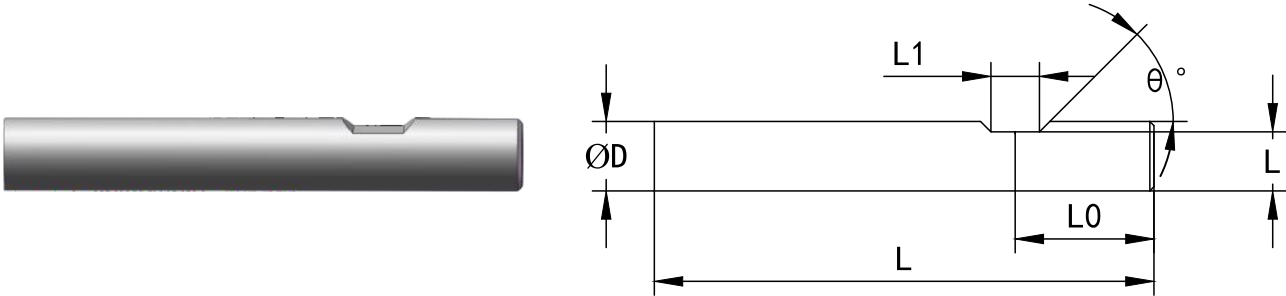
公制粗磨实心圆棒



| 可提供下列服务                                                                           |              | 长度(mm) | 公差(mm)      |
|-----------------------------------------------------------------------------------|--------------|--------|-------------|
|                                                                                   | L≤50         |        | +0.5/+1.0   |
|                                                                                   | 50 < L < 150 |        | +0.75/+1.25 |
|                                                                                   | 150≤L≤300    |        | +1.0/+2.0   |
|                                                                                   | > 300        |        | +2.0/+5.0   |
| <input checked="" type="checkbox"/> 接受定制 <input checked="" type="checkbox"/> 标准库存 |              |        |             |

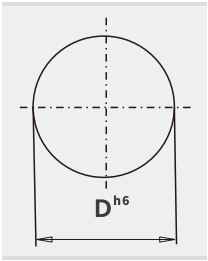
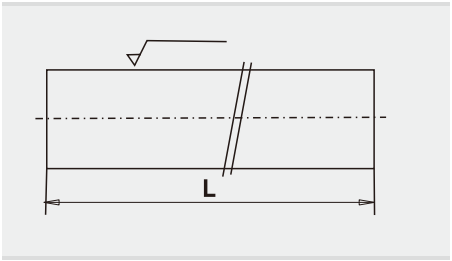
| 粗磨产品编码         | 粗磨毛坯<br>D (mm) | 公差<br>(mm)  | 长度<br>L (mm) | 库存<br>情况 |
|----------------|----------------|-------------|--------------|----------|
| RS0403100***H8 | 4.0            | +0.15~+0.25 | 310/330      | ●        |
| RS0503100***H8 | 5.0            | +0.15~+0.25 | 310/330      | ●        |
| RS0603100***H8 | 6.0            | +0.15~+0.25 | 310/330      | ●        |
| RS0703100***H8 | 7.0            | +0.15~+0.25 | 310/330      | ●        |
| RS0803100***H8 | 8.0            | +0.15~+0.25 | 310/330      | ●        |
| RS0903100***H8 | 9.0            | +0.15~+0.25 | 310/330      | ●        |
| RS1003100***H8 | 10.0           | +0.15~+0.25 | 310/330      | ●        |
| RS1103100***H8 | 11.0           | +0.15~+0.25 | 310/330      | ●        |
| RS1203100***H8 | 12.0           | +0.15~+0.25 | 310/330      | ●        |
| RS1303100***H8 | 13.0           | +0.15~+0.25 | 310/330      | ●        |
| RS1403100***H8 | 14.0           | +0.15~+0.25 | 310/330      | ●        |
| RS1503100***H8 | 15.0           | +0.15~+0.25 | 310/330      | ●        |
| RS1603100***H8 | 16.0           | +0.15~+0.25 | 310/330      | ●        |
| RS1703100***H8 | 17.0           | +0.15~+0.25 | 310/330      | ●        |
| RS1803100***H8 | 18.0           | +0.15~+0.25 | 310/330      | ●        |
| RS1903100***H8 | 19.0           | +0.15~+0.25 | 310/330      | ●        |
| RS2003100***H8 | 20.0           | +0.15~+0.25 | 310/330      | ●        |
| RS2103100***H8 | 21.0           | +0.15~+0.25 | 310/330      | ●        |
| RS2203100***H8 | 22.0           | +0.15~+0.25 | 310/330      | ●        |
| RS2303100***H8 | 23.0           | +0.15~+0.25 | 310/330      | ●        |
| RS2403100***H8 | 24.0           | +0.15~+0.25 | 310/330      | ●        |
| RS2503100***H8 | 25.0           | +0.15~+0.25 | 310/330      | ●        |

精磨倒角侧固短棒 (h5/h6)



| 序号 | 物料编码            | 直径φD<br>(h5/h6) | 长度L<br>(Tol./+0.5,+1.0) | 侧固槽宽L1<br>(Tol./+0,+0.5) | 端面到侧固槽中心距离<br>L0 (Tol./-1.0,-0.0) | 侧固槽深<br>h (mm) | ToI.        | θ (°)<br>Tol./±3 |
|----|-----------------|-----------------|-------------------------|--------------------------|-----------------------------------|----------------|-------------|------------------|
| 1  | RS0600500STH5CF | 6               | 50                      | 4.2                      | 15.9                              | 4.8            | -0.075,-0.0 | 45               |
| 2  | RS0600570STH5CF | 6               | 57                      | 4.2                      | 18.0                              | 5.1            | -0.075,-0.0 | 45               |
| 3  | RS0800630STH5CF | 8               | 63                      | 5.5                      | 18.0                              | 6.9            | -0.090,-0.0 | 45               |
| 4  | RS1000720STH5CF | 10              | 72                      | 7.0                      | 20.0                              | 8.5            | -0.090,-0.0 | 45               |
| 5  | RS1200830STH5CF | 12              | 83                      | 8.0                      | 22.5                              | 10.4           | -0.110,-0.0 | 45               |
| 6  | RS1400830STH5CF | 14              | 83                      | 8.0                      | 22.5                              | 12.7           | -0.110,-0.0 | 45               |
| 7  | RS1600920STH5CF | 16              | 92                      | 10.0                     | 24.0                              | 14.2           | -0.110,-0.0 | 45               |
| 8  | RS1800920STH5CF | 18              | 92                      | 10.0                     | 24.0                              | 16.2           | -0.110,-0.0 | 45               |
| 9  | RS2001040STH5CF | 20              | 104                     | 11.0                     | 25.0                              | 18.2           | -0.130,-0.0 | 45               |

公制精磨倒角定长圆棒



| 直径(mm) | 公差(mm)    |
|--------|-----------|
| 所有     | ISO h6/h5 |

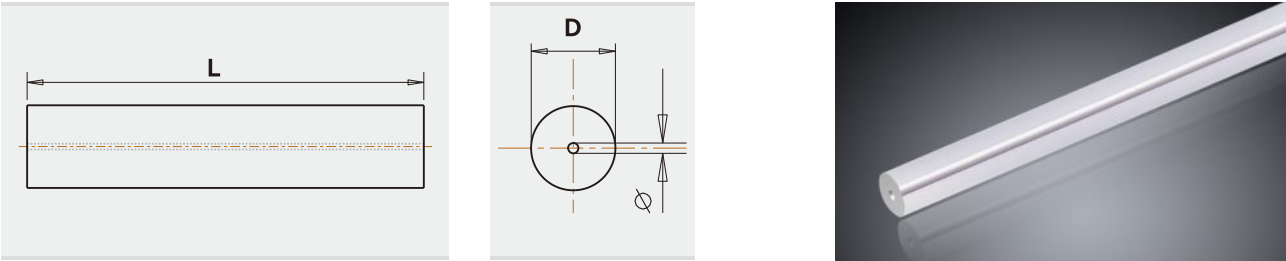
| 长度(mm)       | 公差(mm)    |
|--------------|-----------|
| ≤50          | +0.2/+0.5 |
| 50 < L ≤ 150 | +0.5/+1.0 |

| 可提供下列服务                                   |
|-------------------------------------------|
| <input checked="" type="checkbox"/> h5/h6 |

| 精磨产品编码         | 精磨毛坯<br>D (mm) | 公差<br>(mm) | 长度<br>L (mm) | 公差<br>(mm) | 倒角尺寸<br>C*45°(±3°) | 库存<br>情况 |
|----------------|----------------|------------|--------------|------------|--------------------|----------|
| RS0400400***H5 | 4              | h5/h6      | 40           | +0.2~+0.5  | 0.4±0.1            | ★        |
| RS0400500***H5 | 4              | h5/h6      | 50           | +0.2~+0.5  | 0.4±0.1            | ★        |
| RS0400750***H5 | 4              | h5/h6      | 75           | +0.5~+1.0  | 0.4±0.1            | ★        |
| RS0401000***H5 | 4              | h5/h6      | 100          | +0.5~+1.0  | 0.4±0.1            | ★        |
| RS0600500***H5 | 6              | h5/h6      | 50           | +0.2~+0.5  | 0.5±0.1            | ★        |
| RS0600600***H5 | 6              | h5/h6      | 60           | +0.5~+1.0  | 0.5±0.1            | ★        |
| RS0600660***H5 | 6              | h5/h6      | 66           | +0.5~+1.0  | 0.5±0.1            | ★        |
| RS0600750***H5 | 6              | h5/h6      | 75           | +0.5~+1.0  | 0.5±0.1            | ★        |
| RS0600820***H5 | 6              | h5/h6      | 82           | +0.5~+1.0  | 0.5±0.1            | ★        |
| RS0601000***H5 | 6              | h5/h6      | 100          | +0.5~+1.0  | 0.5±0.1            | ★        |
| RS0800600***H5 | 8              | h5/h6      | 60           | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS0800750***H5 | 8              | h5/h6      | 75           | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS0800790***H5 | 8              | h5/h6      | 79           | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS0800910***H5 | 8              | h5/h6      | 91           | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS0801000***H5 | 8              | h5/h6      | 100          | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS1000750***H5 | 10             | h5/h6      | 75           | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS1000890***H5 | 10             | h5/h6      | 89           | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS1001000***H5 | 10             | h5/h6      | 100          | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS1001030***H5 | 10             | h5/h6      | 103          | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS1001500***H5 | 10             | h5/h6      | 150          | +0.5~+1.0  | 0.6±0.1            | ★        |
| RS1200750***H5 | 12             | h5/h6      | 75           | +0.5~+1.0  | 0.8±0.1            | ★        |
| RS1201000***H5 | 12             | h5/h6      | 100          | +0.5~+1.0  | 0.8±0.1            | ★        |
| RS1201180***H5 | 12             | h5/h6      | 118          | +0.5~+1.0  | 0.8±0.1            | ★        |
| RS1201500***H5 | 12             | h5/h6      | 150          | +0.5~+1.0  | 0.8±0.1            | ★        |
| RS1401000***H5 | 14             | h5/h6      | 100          | +0.5~+1.0  | 0.8±0.1            | ★        |
| RS1401240***H5 | 14             | h5/h6      | 124          | +0.5~+1.0  | 0.8±0.1            | ★        |
| RS1601000***H5 | 16             | h5/h6      | 100          | +0.5~+1.0  | 0.8±0.1            | ★        |
| RS1601150***H5 | 16             | h5/h6      | 115          | +0.5~+1.0  | 0.8±0.1            | ★        |
| RS1601330***H5 | 16             | h5/h6      | 133          | +0.5~+1.0  | 0.8±0.1            | ★        |
| RS1801000***H5 | 18             | h5/h6      | 100          | +0.5~+1.0  | 1.0±0.1            | ★        |
| RS1801500***H5 | 18             | h5/h6      | 150          | +0.5~+1.0  | 1.0±0.1            | ★        |
| RS2001000***H5 | 20             | h5/h6      | 100          | +0.5~+1.0  | 1.0±0.1            | ★        |
| RS2001500***H5 | 20             | h5/h6      | 150          | +0.5~+1.0  | 1.0±0.1            | ★        |
| RS2501000***H5 | 25             | h5/h6      | 100          | +0.5~+1.0  | 1.0±0.1            | ★        |
| RS2501500***H5 | 25             | h5/h6      | 150          | +0.5~+1.0  | 1.0±0.1            | ★        |

|                                                                                   |
|-----------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> 接受定制 <input checked="" type="checkbox"/> 标准库存 |
|-----------------------------------------------------------------------------------|

单直孔圆棒



| 长度(mm)    | 公差(mm)    |
|-----------|-----------|
| < 150     | +0.5/+1.0 |
| 150≤L≤300 | +1.0/+2.0 |
| > 300     | +2.0/+5.0 |

可提供下列服务



h5/h6

定长

内孔可定制范围

孔径0.2~6.0均可接受定制

可提供牌号

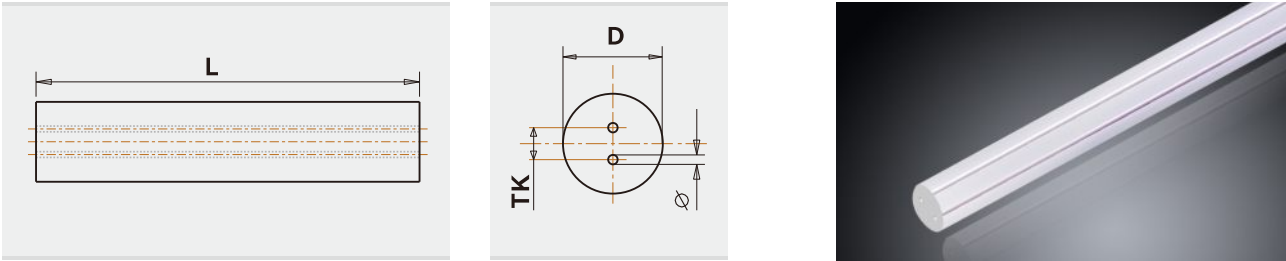
XR10ST XR10SD

XR12UF XR100

| 毛坯产品编码           | 直径D (mm) |           | 长度 L<br>(mm,Tol.+2~+5) | 内孔直径 (mm) |       | 偏心距(mm)<br>e≤ | 库存<br>情况 |
|------------------|----------|-----------|------------------------|-----------|-------|---------------|----------|
|                  | 毛坯       | Tol.      |                        | d         | Tol.  |               |          |
| RC0223300***1030 | 2.2      | +0.1~+0.3 | 300                    | 0.3       | ±0.10 | 0.10          | ★        |
| RC0323300***1040 | 3.2      | +0.1~+0.3 | 300                    | 0.4       | ±0.10 | 0.10          | ★        |
| RC0423300***1060 | 4.2      | +0.1~+0.3 | 330                    | 0.6       | ±0.10 | 0.10          | ★        |
| RC0523300***1080 | 5.2      | +0.1~+0.3 | 330                    | 0.8       | ±0.10 | 0.15          | ★        |
| RC0623300***1100 | 6.2      | +0.1~+0.3 | 330/360                | 1.0       | ±0.15 | 0.15          | ★        |
| RC0623300***1130 | 6.2      | +0.1~+0.3 | 330/360                | 1.3       | ±0.15 | 0.15          | ★        |
| RC0723300***1100 | 7.2      | +0.1~+0.3 | 330/360                | 1.0       | ±0.15 | 0.15          | ★        |
| RC0823300***1100 | 8.2      | +0.1~+0.4 | 330/360                | 1.0       | ±0.15 | 0.15          | ★        |
| RC0823300***1130 | 8.2      | +0.1~+0.4 | 330/360                | 1.3       | ±0.15 | 0.15          | ★        |
| RC0923300***1200 | 9.2      | +0.1~+0.4 | 330/360                | 2.0       | ±0.20 | 0.15          | ★        |
| RC1023300***1150 | 10.2     | +0.1~+0.4 | 330/360/415            | 1.5       | ±0.15 | 0.15          | ★        |
| RC1023300***1200 | 10.2     | +0.1~+0.4 | 330/360/415            | 2.0       | ±0.20 | 0.15          | ★        |
| RC1123300***1200 | 11.2     | +0.1~+0.4 | 330/360/415            | 2.0       | ±0.20 | 0.15          | ★        |
| RC1223300***1200 | 12.2     | +0.1~+0.4 | 330/360/415            | 2.0       | ±0.20 | 0.15          | ★        |
| RC1223300***1300 | 12.2     | +0.1~+0.4 | 330/360/415            | 3.0       | ±0.20 | 0.15          | ★        |
| RC1323300***1200 | 13.2     | +0.2~+0.5 | 330/360/415            | 2.0       | ±0.20 | 0.15          | ★        |
| RC1423300***1200 | 14.2     | +0.2~+0.5 | 330/360/415            | 2.0       | ±0.20 | 0.20          | ★        |
| RC1523300***1200 | 15.2     | +0.2~+0.5 | 330/360/415            | 2.0       | ±0.20 | 0.20          | ★        |
| RC1623300***1200 | 16.2     | +0.2~+0.6 | 330/360/415            | 2.0       | ±0.20 | 0.20          | ★        |
| RC1623300***1300 | 16.2     | +0.2~+0.6 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC1723300***1300 | 17.2     | +0.2~+0.6 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC1823300***1300 | 18.2     | +0.2~+0.6 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC1923300***1300 | 19.2     | +0.2~+0.6 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC2023300***1200 | 20.2     | +0.3~+0.8 | 330/360/415            | 2.0       | ±0.20 | 0.20          | ★        |
| RC2023300***1300 | 20.2     | +0.3~+0.8 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC2123300***1300 | 21.2     | +0.3~+0.8 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC2223300***1300 | 22.2     | +0.3~+0.8 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC2323300***1300 | 23.2     | +0.3~+0.8 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC2423300***1300 | 24.2     | +0.3~+0.8 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC2523300***1300 | 25.2     | +0.3~+0.8 | 330/360/415            | 3.0       | ±0.20 | 0.20          | ★        |
| RC2623300***1300 | 26.2     | +0.3~+0.8 | 330                    | 3.0       | ±0.20 | 0.25          | ★        |
| RC2723300***1300 | 27.2     | +0.3~+0.8 | 330                    | 3.0       | ±0.20 | 0.25          | ★        |
| RC2823300***1400 | 28.2     | +0.3~+0.8 | 330                    | 4.0       | ±0.25 | 0.25          | ★        |
| RC2923300***1400 | 29.2     | +0.3~+0.8 | 330                    | 4.0       | ±0.25 | 0.25          | ★        |
| RC3023300***1500 | 30.2     | +0.3~+0.8 | 330                    | 5.0       | ±0.25 | 0.25          | ★        |
| RC3123300***1500 | 31.2     | +0.3~+0.8 | 330                    | 5.0       | ±0.25 | 0.25          | ★        |
| RC3223300***1500 | 32.2     | +0.3~+0.8 | 330                    | 5.0       | ±0.25 | 0.25          | ★        |

接受定制 标准库存

双直孔标准孔圆棒



| 毛坯产品编码              | 直径D (mm) |           | 长度 L<br>(mm,Tol.+2~+5) | 内孔直径 (mm) |       | 孔间距(mm)<br>TK |       | 偏心距(mm)<br>e≤ | 库存<br>情况 |
|---------------------|----------|-----------|------------------------|-----------|-------|---------------|-------|---------------|----------|
|                     | 毛坯       | Tol.      |                        | d         | Tol.  | TK            | Tol.  |               |          |
| RP0423300***2080017 | 4.2      | +0.1~+0.3 | 330                    | 0.80      | ±0.10 | 1.73          | ±0.07 | 0.10          | ★        |
| RP0623300***2100030 | 6.2      | +0.1~+0.3 | 330/360/415            | 1.00      | ±0.15 | 3.00          | ±0.10 | 0.15          | ★        |
| RP0723300***2100035 | 7.2      | +0.1~+0.3 | 330                    | 1.00      | ±0.15 | 3.50          | ±0.10 | 0.15          | ★        |
| RP0823300***2100038 | 8.2      | +0.1~+0.4 | 330/360/415            | 1.00      | ±0.15 | 3.80          | ±0.20 | 0.15          | ★        |
| RP0923300***2140040 | 9.2      | +0.1~+0.4 | 330                    | 1.40      | ±0.15 | 4.00          | ±0.20 | 0.20          | ★        |
| RP1023300***2140048 | 10.2     | +0.1~+0.4 | 330/360/415            | 1.40      | ±0.15 | 4.80          | ±0.20 | 0.28          | ★        |
| RP1123300***2140048 | 11.2     | +0.1~+0.4 | 330                    | 1.40      | ±0.15 | 4.80          | ±0.20 | 0.28          | ★        |
| RP1223300***2175058 | 12.2     | +0.1~+0.4 | 330/360/415            | 1.75      | ±0.20 | 5.85          | ±0.15 | 0.34          | ★        |
| RP1323300***2175058 | 13.2     | +0.2~+0.5 | 330                    | 1.75      | ±0.20 | 5.85          | ±0.15 | 0.37          | ★        |
| RP1423300***2175068 | 14.2     | +0.2~+0.5 | 330/360/415            | 1.75      | ±0.20 | 6.80          | ±0.20 | 0.40          | ★        |
| RP1523300***2200068 | 15.2     | +0.2~+0.5 | 330                    | 2.00      | ±0.20 | 6.85          | ±0.15 | 0.40          | ★        |
| RP1623300***2200078 | 16.2     | +0.2~+0.6 | 330/360/415            | 2.00      | ±0.20 | 7.80          | ±0.20 | 0.47          | ★        |
| RP1723300***2200078 | 17.2     | +0.2~+0.6 | 330                    | 2.00      | ±0.20 | 7.85          | ±0.15 | 0.47          | ★        |
| RP1823300***2200088 | 18.2     | +0.2~+0.6 | 330/360/415            | 2.00      | ±0.20 | 8.85          | ±0.15 | 0.50          | ★        |
| RP1923300***2200088 | 19.2     | +0.2~+0.6 | 330                    | 2.00      | ±0.20 | 8.85          | ±0.15 | 0.50          | ★        |
| RP2023300***2250098 | 20.2     | +0.3~+0.8 | 330/360/415            | 2.50      | ±0.20 | 9.80          | ±0.20 | 0.50          | ★        |
| RP2123300***2250098 | 21.2     | +0.3~+0.8 | 330                    | 2.50      | ±0.20 | 9.80          | ±0.20 | 0.50          | ★        |
| RP2223300***2250108 | 22.2     | +0.3~+0.8 | 330/360/415            | 2.50      | ±0.20 | 10.80         | ±0.20 | 0.50          | ★        |
| RP2323300***2250108 | 23.2     | +0.3~+0.8 | 330                    | 2.50      | ±0.20 | 10.80         | ±0.20 | 0.50          | ★        |
| RP2423300***2300117 | 24.2     | +0.3~+0.8 | 330                    | 3.00      | ±0.25 | 11.75         | ±0.25 | 0.50          | ★        |
| RP2523300***2300117 | 25.2     | +0.3~+0.8 | 330/360/415            | 3.00      | ±0.25 | 11.75         | ±0.25 | 0.50          | ★        |
| RP2623300***2300127 | 26.2     | +0.3~+0.8 | 330/360                | 3.00      | ±0.25 | 12.75         | ±0.25 | 0.50          | ★        |
| RP2823300***2300137 | 28.2     | +0.3~+0.8 | 330/360                | 3.00      | ±0.25 | 13.75         | ±0.25 | 0.50          | ★        |
| RP3023300***2300137 | 30.2     | +0.3~+0.8 | 330/360                | 3.00      | ±0.25 | 13.75         | ±0.25 | 0.50          | ★        |
| RP3223300***2300137 | 32.2     | +0.3~+0.8 | 330/360                | 3.00      | ±0.25 | 13.75         | ±0.25 | 0.50          | ★        |
| RP3423300***2300137 | 34.2     | +0.3~+0.8 | 330/360                | 3.00      | ±0.25 | 13.75         | ±0.25 | 0.50          | ★        |

接受定制 标准库存

| 长度(mm)    | 公差(mm)    |
|-----------|-----------|
| < 150     | +0.5/+1.0 |
| 150≤L≤300 | +1.0/+2.0 |
| > 300     | +2.0/+5.0 |

可提供下列服务



h5/h6

定长

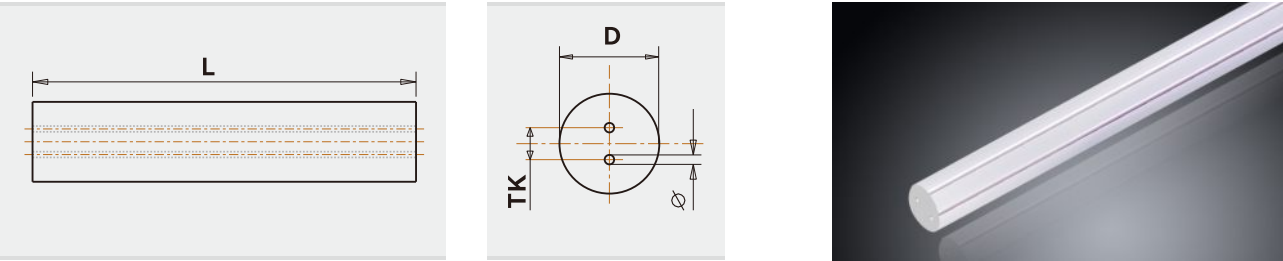
可提供牌号

XR10ST XR10SD

XR12UF

可用于金刚石刀杆

● 双直孔缩孔圆棒



| 毛坯产品编码              | 直径D (mm) |           | 长度 L<br>(mm,Tol.+2~-+5) | 内孔直径 (mm) |       | 孔间距(mm) |       | 偏心距(mm) | 库存<br>情况 |
|---------------------|----------|-----------|-------------------------|-----------|-------|---------|-------|---------|----------|
|                     | 毛坯       | Tol.      |                         | d         | Tol.  | TK      | Tol.  | e≤      |          |
| RP0623300***2080015 | 6.2      | +0.1~+0.3 | 330/360/415             | 0.80      | ±0.10 | 1.50    | ±0.10 | 0.15    | ★        |
| RP0723300***2080015 | 7.2      | +0.1~+0.3 | 330                     | 0.80      | ±0.10 | 1.50    | ±0.10 | 0.15    | ★        |
| RP0823300***2080025 | 8.2      | +0.1~+0.4 | 330                     | 0.80      | ±0.10 | 2.50    | ±0.10 | 0.15    | ★        |
| RP0823300***2100026 | 8.2      | +0.1~+0.4 | 330/360/415             | 1.00      | ±0.15 | 2.60    | ±0.10 | 0.15    | ★        |
| RP0923300***2100026 | 9.2      | +0.1~+0.4 | 330                     | 1.00      | ±0.15 | 2.60    | ±0.10 | 0.20    | ★        |
| RP1023300***2100026 | 10.2     | +0.1~+0.4 | 330/360/415             | 1.00      | ±0.15 | 2.60    | ±0.10 | 0.28    | ★        |
| RP1023300***2100035 | 10.2     | +0.1~+0.4 | 330                     | 1.00      | ±0.15 | 3.50    | ±0.10 | 0.28    | ★        |
| RP1123300***2120033 | 11.2     | +0.1~+0.4 | 330                     | 1.20      | ±0.15 | 3.35    | ±0.15 | 0.28    | ★        |
| RP1223300***2120033 | 12.2     | +0.1~+0.4 | 330/360/415             | 1.20      | ±0.15 | 3.35    | ±0.15 | 0.34    | ★        |
| RP1323300***2120033 | 13.2     | +0.2~+0.5 | 330                     | 1.20      | ±0.15 | 3.35    | ±0.15 | 0.37    | ★        |
| RP1423300***2150048 | 14.2     | +0.2~+0.5 | 330/360/415             | 1.50      | ±0.20 | 4.80    | ±0.20 | 0.40    | ★        |
| RP1523300***2150048 | 15.2     | +0.2~+0.5 | 330                     | 1.50      | ±0.20 | 4.80    | ±0.20 | 0.40    | ★        |
| RP1623300***2150048 | 16.2     | +0.2~+0.6 | 330/360/415             | 1.50      | ±0.20 | 4.80    | ±0.20 | 0.47    | ★        |
| RP1623300***2180055 | 16.2     | +0.2~+0.6 | 330                     | 1.80      | ±0.20 | 5.50    | ±0.20 | 0.47    | ★        |
| RP1723300***2200060 | 17.2     | +0.2~+0.6 | 330                     | 2.00      | ±0.20 | 6.00    | ±0.20 | 0.47    | ★        |
| RP1823300***2200060 | 18.2     | +0.2~+0.6 | 330/360/415             | 2.00      | ±0.20 | 6.00    | ±0.20 | 0.50    | ★        |
| RP1923300***2200060 | 19.2     | +0.2~+0.6 | 330                     | 2.00      | ±0.20 | 6.00    | ±0.20 | 0.50    | ★        |
| RP2023300***2200062 | 20.2     | +0.3~+0.8 | 330/360/415             | 2.00      | ±0.20 | 6.20    | ±0.20 | 0.50    | ★        |
| RP2123300***2200062 | 21.2     | +0.3~+0.8 | 330                     | 2.00      | ±0.20 | 6.20    | ±0.20 | 0.50    | ★        |
| RP2223300***2200062 | 22.2     | +0.3~+0.8 | 330/360/415             | 2.00      | ±0.20 | 6.20    | ±0.20 | 0.50    | ★        |
| RP2323300***2200073 | 23.2     | +0.3~+0.8 | 330                     | 2.00      | ±0.20 | 7.30    | ±0.20 | 0.50    | ★        |
| RP2423300***2200073 | 24.2     | +0.3~+0.8 | 330                     | 2.00      | ±0.20 | 7.30    | ±0.20 | 0.50    | ★        |
| RP2523300***2200073 | 25.2     | +0.3~+0.8 | 330/360/415             | 2.00      | ±0.20 | 7.30    | ±0.20 | 0.50    | ★        |
| RP2523300***2250100 | 25.2     | +0.3~+0.8 | 330                     | 2.50      | ±0.20 | 10.00   | ±0.20 | 0.50    | ★        |
| RP2623300***2200073 | 26.2     | +0.3~+0.8 | 330/360                 | 2.00      | ±0.20 | 7.30    | ±0.20 | 0.50    | ★        |
| RP2823300***2250088 | 28.2     | +0.3~+0.8 | 330/360                 | 2.50      | ±0.20 | 8.80    | ±0.20 | 0.50    | ★        |
| RP3023300***2250088 | 30.2     | +0.3~+0.8 | 330/360                 | 2.50      | ±0.20 | 8.80    | ±0.20 | 0.50    | ★        |
| RP3223300***2250088 | 32.2     | +0.3~+0.8 | 330/360                 | 2.50      | ±0.20 | 8.80    | ±0.20 | 0.50    | ★        |

● 接受定制 ★ 标准库存

| 长度(mm)    | 公差(mm)    |
|-----------|-----------|
| < 150     | +0.5/+1.0 |
| 150≤L≤300 | +1.0/+2.0 |
| > 300     | +2.0/+5.0 |

可提供下列服务

 h5/h6

定长

可提供牌号

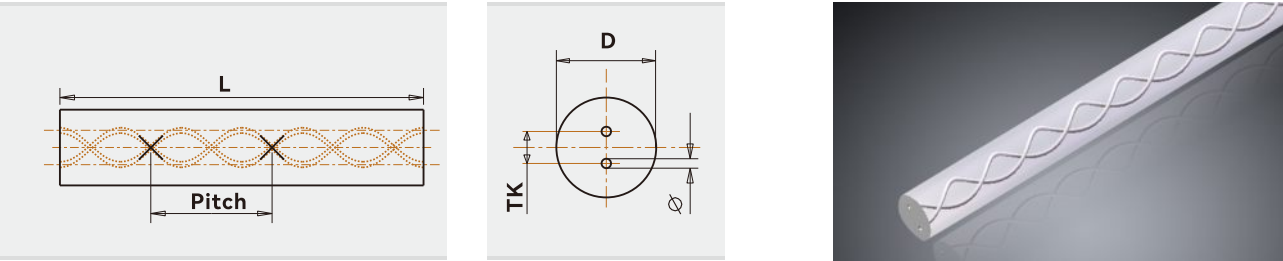
XR10ST XR10SD

XR12UF

可用于金刚石刀杆

内冷直孔圆棒  
／  
双直缩孔圆棒

30度双螺旋圆棒 ●



| 毛坯产品编码                | 直径D (mm) |           | 长度L (mm)<br>(Tol.+2~-+5) | 内孔直径 (mm) |       | 孔间距(mm) |       | 螺距(±0.5°) |       |       | 偏心距(mm) | 库存<br>情况 |
|-----------------------|----------|-----------|--------------------------|-----------|-------|---------|-------|-----------|-------|-------|---------|----------|
|                       | 毛坯       | Tol.      |                          | d         | Tol.  | TK      | Tol.  | P         | Tol.  |       | e≤      |          |
| RH0333300***302040016 | 3.3      | +0.3~+0.6 | 330                      | 0.40      | ±0.10 | 1.60    | ±0.10 | 16.32     | -0.32 | +0.33 | 0.10    | ★        |
| RH0433300***302025012 | 4.3      | +0.3~+0.6 | 330                      | 0.25      | ±0.10 | 1.20    | ±0.10 | 21.77     | -0.43 | +0.45 | 0.10    | ★        |
| RH0433300***302060021 | 4.3      | +0.3~+0.6 | 330                      | 0.60      | ±0.10 | 2.10    | ±0.10 | 21.77     | -0.43 | +0.45 | 0.10    | ★        |
| RH0433300***302060016 | 4.3      | +0.3~+0.6 | 330                      | 0.60      | ±0.10 | 1.60    | ±0.10 | 21.77     | -0.43 | +0.45 | 0.10    | ★        |
| RH0533300***302070024 | 5.3      | +0.3~+0.6 | 330                      | 0.70      | ±0.15 | 2.40    | ±0.20 | 27.21     | -0.54 | +0.56 | 0.10    | ★        |
| RH0633300***302040014 | 6.3      | +0.3~+0.6 | 330                      | 0.40      | ±0.10 | 1.40    | ±0.20 | 32.65     | -0.65 | +0.67 | 0.15    | ★        |
| RH0633300***302070024 | 6.3      | +0.3~+0.6 | 330/360                  | 0.70      | ±0.15 | 2.40    | ±0.20 | 32.65     | -0.65 | +0.67 | 0.15    | ★        |
| RH0633300***302090026 | 6.3      | +0.3~+0.6 | 330                      | 0.90      | ±0.15 | 2.60    | ±0.20 | 32.65     | -0.65 | +0.67 | 0.15    | ★        |
| RH0733300***302100035 | 7.3      | +0.3~+0.6 | 330                      | 1.00      | ±0.15 | 3.50    | ±0.20 | 38.09     | -0.76 | +0.78 | 0.15    | ★        |
| RH0833300***302070024 | 8.3      | +0.4~+0.7 | 330                      | 0.70      | ±0.10 | 2.40    | ±0.20 | 43.53     | -0.86 | +0.89 | 0.20    | ★        |
| RH0833300***302100038 | 8.3      | +0.4~+0.7 | 330/360                  | 1.00      | ±0.15 | 3.80    | ±0.20 | 43.53     | -0.86 | +0.89 | 0.20    | ★        |
| RH0833300***302125036 | 8.3      | +0.4~+0.7 | 330                      | 1.25      | ±0.20 | 3.60    | ±0.20 | 43.53     | -0.86 | +0.89 | 0.20    | ★        |
| RH0933300***302140045 | 9.3      | +0.4~+1.0 | 330                      | 1.40      | ±0.15 | 4.50    | ±0.30 | 48.97     | -0.97 | +1.00 | 0.20    | ★        |
| RH1033300***302070026 | 10.3     | +0.4~+1.0 | 330                      | 0.70      | ±0.10 | 2.60    | ±0.30 | 54.41     | -1.08 | +1.11 | 0.20    | ★        |
| RH1033300***302100038 | 10.3     | +0.4~+1.0 | 330                      | 1.00      | ±0.15 | 3.80    | ±0.30 | 54.41     | -1.08 | +1.11 | 0.20    | ★        |
| RH1033300***302140045 | 10.3     | +0.4~+1.0 | 330/360/415              | 1.40      | ±0.15 | 4.50    | ±0.30 | 54.41     | -1.08 | +1.11 | 0.20    | ★        |
| RH1133300***302140049 | 11.3     | +0.4~+1.0 | 330                      | 1.40      | ±0.15 | 4.90    | ±0.40 | 59.86     | -1.19 | +1.22 | 0.28    | ★        |
| RH1233300***302100038 | 12.3     | +0.4~+1.0 | 330                      | 1.00      | ±0.15 | 3.80    | ±0.40 | 65.30     | -1.30 | +1.34 | 0.30    | ★        |
| RH1233300***302140058 | 12.3     | +0.4~+1.0 | 330/360/415              | 1.40      | ±0.15 | 5.85    | ±0.40 | 65.30     | -1.30 | +1.34 | 0.30    | ★        |
| RH1333300***302175061 | 13.3     | +0.4~+1.0 | 330                      | 1.75      | ±0.20 | 6.10    | ±0.40 | 70.74     | -1.40 | +1.45 | 0.34    | ★        |
| RH1433300***302045025 | 14.3     | +0.4~+1.0 | 330                      | 0.45      | ±0.10 | 2.50    | ±0.20 | 76.18     | -1.51 | +1.56 | 0.37    | ●        |
| RH1433300***302140043 | 14.3     | +0.4~+1.0 | 330                      | 1.40      | ±0.20 | 4.30    | ±0.40 | 76.18     | -1.51 | +1.56 | 0.37    | ★        |
| RH1433300***302175067 | 14.3     | +0.4~+1.0 | 330/360/415              | 1.75      | ±0.20 | 6.70    | ±0.40 | 76.18     | -1.51 | +1.56 | 0.37    | ★        |
| RH1533300***302175073 | 15.3     | +0.4~+1.0 | 330                      | 1.75      | ±0.20 | 7.30    | ±0.40 | 81.62     | -1.62 | +1.67 | 0.40    | ★        |
| RH1633300***302140049 | 16.3     | +0.5~+1.1 | 330                      | 1.40      | ±0.20 | 4.90    | ±0.40 | 87.06     | -1.73 | 1.78  | 0.40    | ★        |
| RH1633300***302175079 | 16.3     | +0.5~+1.1 | 330/360/415              | 1.75      | ±0.20 | 7.90    | ±0.40 | 87.06     | -1.73 | 1.78  | 0.40    | ★        |
| RH1733300***302175085 | 17.3     | +0.5~+1.1 | 330                      | 1.75      | ±0.20 | 8.50    | ±0.40 | 92.50     | -1.84 | +1.89 | 0.47    | ★        |
| RH1833300***302140059 | 18.3     | +0.6~+1.2 | 330                      | 1.40      | ±0.20 | 5.90    | ±0.40 | 97.95     | -1.94 | +2.00 | 0.50    | ★        |
| RH1833300***302200091 | 18.3     | +0.6~+1.2 | 330/360/415              | 2.00      | ±0.25 | 9.15    | ±0.40 | 97.95     | -1.94 | +2.00 | 0.50    | ★        |
| RH1933300***302200097 | 19.3     | +0.6~+1.2 | 330                      | 2.00      | ±0.25 | 9.70    | ±0.40 | 103.39    | -2.05 | +2.12 | 0.50    | ★        |
| RH2033300***302150066 | 20.3     | +0.6~+1.2 | 330                      | 1.50      | ±0.20 | 6.60    | ±0.50 | 108.83    | -2.16 | +2.23 | 0.50    | ★        |
| RH2033300***302200099 | 20.3     | +0.6~+1.2 | 330/360/415              | 2.00      | ±0.25 | 9.90    | ±0.50 | 108.83    | -2.16 | +2.23 | 0.50    | ★        |
| RH2033300***302320099 | 20.3     | +0.6~+1.2 | 330                      | 3.20      | ±0.25 | 9.90    | ±0.50 | 108.83    | -2.16 | +2.23 | 0.50    | ●        |
| RH2133300***302200106 | 21.3     | +0.6~+1.2 | 330                      | 2.00      | ±0.25 | 10.65   | ±0.50 | 114.27    | -2.27 | +2.34 | 0.50    | ★        |
| RH2233300***302175067 | 22.3     | +0.7~+1.3 | 330                      | 1.75      | ±0.20 | 6.70    | ±0.50 | 119.71    | -2.38 | +2.45 | 0.50    | ★        |
| RH2233300***302200111 | 22.3     | +0.7~+1.3 | 330/360/415              | 2.00      | ±0.25 | 11.10   | ±0.50 | 119.71    | -2.38 | +2.45 | 0.50    | ★        |
| RH2233300***302320099 | 22.3     | +0.7~+1.3 | 330                      | 3.20      | ±0.25 | 9.90    | ±0.50 | 119.71    | -2.38 | +2.45 | 0.50    | ●        |
| RH2333300***302200117 | 23.3     | +0.7~+1.3 | 330                      | 2.00      | ±0.25 | 11.70   | ±0.50 | 125.15    | -2.45 | +2.56 | 0.50    | ★        |
| RH2433300***302200123 | 24.3     | +0.7~+1.3 | 330                      | 2.00      | ±0.25 | 12.30   | ±0.50 | 130.59    | -2.59 | +2.67 | 0.50    | ★        |
| RH2533300***302175067 | 25.3     | +0.7~+1.3 | 330                      | 1.75      | ±0.20 | 6.70    | ±0.50 | 136.03    | -2.70 | +2.78 | 0.50    | ★        |
| RH2533300***302200128 | 25.3     | +0.7~+1.3 | 330/360/415              | 2.00      | ±0.25 | 12.80   | ±0.50 | 136.03    | -2.70 | +2.78 | 0.50    | ★        |
| RH2533300***302320140 | 25.3     | +0.7~+1.3 | 330                      | 3.20      | ±0.25 | 14.00   | ±0.50 | 136.03    | -2.70 | +2.78 | 0.50    | ●        |
| RH2633300***302200133 | 26.3     | +0.7~+1.3 | 330/360                  | 2.00      | ±0.25 | 13.30   | ±0.50 | 141.48    | -2.81 | +2.90 | 0.50    | ★        |
| RH2633300***302320133 | 26.3     | +0.7~+1.3 | 330                      | 3.20      | ±0.25 | 13.30   | ±0.50 | 141.48    | -2.81 | +2.90 | 0.50    | ●        |
| RH2833300***302250142 | 28.3     | +0.7~+1.3 | 330/360                  | 2.50      | ±0.25 | 14.20   | ±0.60 | 152.36    | -3.02 | +3.12 | 0.60    | ★        |
| RH3033300***302250154 | 30.3     | +0.7~+1.3 | 330/360                  | 2.50      | ±0.25 | 15.40   | ±0.60 | 163.24    | -3.24 | +3.34 | 0.60    | ★        |
| RH3233300***302300166 | 32.3     | +0.7~+1.3 | 330/360                  | 3.00      | ±0.30 | 16.60   | ±0.60 | 174.12    | -3.46 | +3.56 | 0.60    | ★        |

| 长度(mm)    | 公差(mm)    |
|-----------|-----------|
| < 150     | +0.5/+1.0 |
| 150≤L≤300 | +1.0/+2.0 |
| > 300     | +2.0/+5.0 |

可提供下列服务

 h5/h6

定长

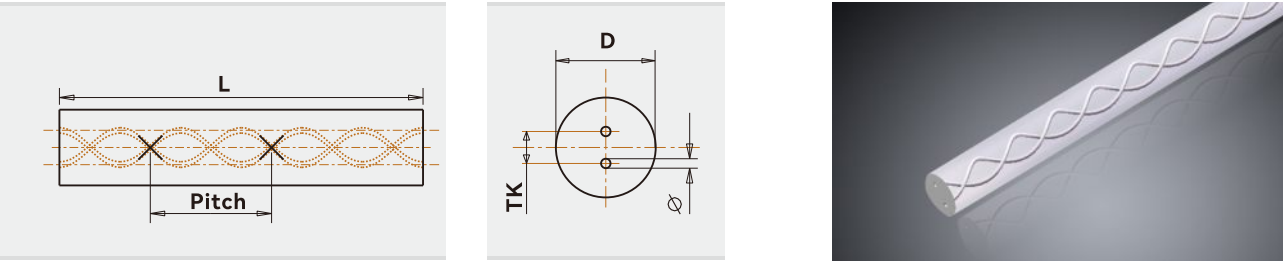
可提供牌号

XR10ST XR10SD+

● 接受定制 ★ 标准库存

螺旋孔圆棒  
／  
30度双螺旋圆棒

40度双螺旋圆棒



| 毛坯产品编码                | 直径D (mm) |           | 长度L (mm)<br>(Tol.+2~-5) | 内孔直径 (mm) |       | 孔间距(mm) |       | 螺距(±0.5°) |             | 偏心距(mm) |   | 库存情况 |
|-----------------------|----------|-----------|-------------------------|-----------|-------|---------|-------|-----------|-------------|---------|---|------|
|                       | 毛坯       | Tol.      |                         | d         | Tol.  | TK      | Tol.  | P         | Tol.        | e≤      | α |      |
| RH0343300***402030013 | 3.4      | +0.4~-1.0 | 330                     | 0.30      | ±0.10 | 1.30    | ±0.10 | 11.23     | -0.20 +0.20 | 0.10    |   | ★    |
| RH0443300***402040016 | 4.4      | +0.4~-1.0 | 330                     | 0.40      | ±0.10 | 1.60    | ±0.10 | 14.98     | -0.26 +0.27 | 0.10    |   | ★    |
| RH0643300***402040014 | 6.4      | +0.4~-1.0 | 330                     | 0.40      | ±0.10 | 1.40    | ±0.10 | 22.46     | -0.39 +0.40 | 0.15    |   | ★    |
| RH0643300***402050020 | 6.4      | +0.4~-1.0 | 330                     | 0.50      | ±0.10 | 2.00    | ±0.20 | 22.46     | -0.39 +0.40 | 0.15    |   | ★    |
| RH0843300***402040017 | 8.4      | +0.4~-1.0 | 330                     | 0.40      | ±0.10 | 1.70    | ±0.10 | 29.95     | -0.53 +0.54 | 0.15    |   | ★    |
| RH0843300***402065024 | 8.4      | +0.4~-1.0 | 330                     | 0.65      | ±0.10 | 2.40    | ±0.20 | 29.95     | -0.53 +0.54 | 0.15    |   | ★    |
| RH1043300***402050020 | 10.4     | +0.4~-1.0 | 330                     | 0.50      | ±0.15 | 2.00    | ±0.20 | 37.44     | -0.66 +0.67 | 0.20    |   | ★    |
| RH1043300***402080032 | 10.4     | +0.4~-1.0 | 330                     | 0.80      | ±0.15 | 3.20    | ±0.30 | 37.44     | -0.66 +0.67 | 0.20    |   | ★    |
| RH1243300***402060023 | 12.4     | +0.4~-1.0 | 330                     | 0.60      | ±0.15 | 2.30    | ±0.20 | 44.93     | -0.79 +0.80 | 0.30    |   | ★    |
| RH1243300***402090038 | 12.4     | +0.4~-1.0 | 330                     | 0.90      | ±0.15 | 3.80    | ±0.40 | 44.93     | -0.79 +0.80 | 0.30    |   | ★    |
| RH1443300***402070027 | 14.4     | +0.5~-1.1 | 330                     | 0.70      | ±0.15 | 2.70    | ±0.20 | 52.42     | -0.92 +0.94 | 0.37    |   | ★    |
| RH1443300***402100043 | 14.4     | +0.5~-1.1 | 330                     | 1.00      | ±0.15 | 4.30    | ±0.40 | 52.42     | -0.92 +0.94 | 0.37    |   | ★    |
| RH1643300***402080031 | 16.4     | +0.5~-1.1 | 330                     | 0.80      | ±0.15 | 3.10    | ±0.20 | 59.90     | -1.05 +1.07 | 0.40    |   | ★    |
| RH1643300***402120051 | 16.4     | +0.5~-1.1 | 330                     | 1.20      | ±0.15 | 5.10    | ±0.40 | 59.90     | -1.05 +1.07 | 0.40    |   | ★    |
| RH1843300***402090035 | 18.4     | +0.5~-1.1 | 330                     | 0.90      | ±0.15 | 3.50    | ±0.30 | 67.39     | -1.18 +1.21 | 0.50    |   | ★    |
| RH1843300***402140059 | 18.4     | +0.5~-1.1 | 330                     | 1.40      | ±0.15 | 5.90    | ±0.40 | 67.39     | -1.18 +1.21 | 0.50    |   | ★    |
| RH2043300***402100039 | 20.4     | +0.5~-1.1 | 330                     | 1.00      | ±0.15 | 3.90    | ±0.30 | 74.88     | -1.31 +1.34 | 0.50    |   | ★    |
| RH2043300***402150066 | 20.4     | +0.5~-1.1 | 330                     | 1.50      | ±0.15 | 6.60    | ±0.50 | 74.88     | -1.31 +1.34 | 0.50    |   | ★    |
| RH2243300***402170072 | 22.4     | +0.6~-1.2 | 330                     | 1.70      | ±0.20 | 7.20    | ±0.50 | 82.37     | -1.44 +1.48 | 0.50    |   | ★    |
| RH2543300***402175076 | 25.4     | +0.6~-1.2 | 330                     | 1.75      | ±0.20 | 7.60    | ±0.50 | 93.60     | -1.64 +1.68 | 0.50    |   | ★    |
| RH2643300***402175077 | 26.4     | +0.7~-1.3 | 330                     | 1.75      | ±0.20 | 7.70    | ±0.50 | 97.34     | -1.71 +1.74 | 0.50    |   | ●    |
| RH2843300***402200084 | 28.4     | +0.7~-1.3 | 330                     | 2.00      | ±0.20 | 8.40    | ±0.60 | 104.83    | -1.84 +1.88 | 0.50    |   | ●    |
| RH3043300***402200094 | 30.4     | +0.7~-1.3 | 330                     | 2.00      | ±0.20 | 9.40    | ±0.60 | 112.32    | -1.97 +2.01 | 0.50    |   | ●    |
| RH3243300***402200104 | 32.4     | +0.7~-1.3 | 330                     | 2.00      | ±0.20 | 10.40   | ±0.60 | 119.81    | -2.10 +2.15 | 0.50    |   | ●    |

接受定制 标准库存

| 长度(mm)    | 公差(mm)    | 可提供下列服务  | 可提供牌号   |
|-----------|-----------|----------|---------|
| < 150     | +0.5/+1.0 | h5/h6 定长 | XR10SD+ |
| 150≤L≤300 | +1.0/+2.0 |          |         |
| > 300     | +2.0/+5.0 |          |         |

30度三螺旋标准孔圆棒

| 毛坯产品编码                | 直径D (mm) |           | 长度L (mm)<br>(Tol.+2~-5) | 内孔直径 (mm) |       | 孔间距(mm) |       | 螺距(±0.5°) |             | 偏心距(mm) |     | 库存情况 |
|-----------------------|----------|-----------|-------------------------|-----------|-------|---------|-------|-----------|-------------|---------|-----|------|
|                       | 毛坯       | Tol.      |                         | d         | Tol.  | TK      | Tol.  | P         | Tol.        | e≤      | α   |      |
| RH0633300***303050027 | 6.3      | +0.3~+0.6 | 330                     | 0.50      | ±0.10 | 2.75    | ±0.15 | 32.65     | -0.65 +0.67 | 0.15    | ±4° | ★    |
| RH0633300***303070025 | 6.3      | +0.3~+0.6 | 330                     | 0.70      | ±0.10 | 2.55    | ±0.15 | 32.65     | -0.65 +0.67 | 0.15    | ±4° | ★    |
| RH0833300***303070038 | 8.3      | +0.4~+0.7 | 330                     | 0.70      | ±0.10 | 3.85    | ±0.15 | 43.53     | -0.86 +0.89 | 0.15    | ±4° | ★    |
| RH0933300***303085049 | 9.3      | +0.4~+1.0 | 330                     | 0.85      | ±0.15 | 4.95    | ±0.15 | 48.97     | -0.97 +1.00 | 0.20    | ±4° | ★    |
| RH1033300***303085049 | 10.3     | +0.4~+1.0 | 330                     | 0.85      | ±0.15 | 4.95    | ±0.15 | 54.41     | -1.08 +1.11 | 0.20    | ±4° | ★    |
| RH1233300***303110060 | 12.3     | +0.4~+1.0 | 330                     | 1.10      | ±0.15 | 6.05    | ±0.25 | 65.30     | -1.30 +1.34 | 0.30    | ±4° | ★    |
| RH1433300***303140070 | 14.3     | +0.4~+1.0 | 330                     | 1.40      | ±0.20 | 7.05    | ±0.25 | 76.18     | -1.51 +1.56 | 0.37    | ±4° | ★    |
| RH1633300***303160080 | 16.3     | +0.5~+1.1 | 330                     | 1.60      | ±0.20 | 8.05    | ±0.25 | 87.06     | -1.73 +1.78 | 0.40    | ±4° | ★    |
| RH1833300***303170092 | 18.3     | +0.6~+1.2 | 330                     | 1.70      | ±0.20 | 9.25    | ±0.25 | 97.95     | -1.94 +2.00 | 0.50    | ±4° | ★    |
| RH2033300***303190099 | 20.3     | +0.6~+1.2 | 330                     | 1.90      | ±0.20 | 9.95    | ±0.25 | 108.83    | -2.16 +2.23 | 0.50    | ±4° | ★    |
| RH2033300***303200095 | 20.3     | +0.6~+1.2 | 330                     | 2.00      | ±0.20 | 9.50    | ±0.50 | 108.83    | -2.16 +2.23 | 0.50    | ±4° | ★    |
| RH2233300***303200111 | 22.3     | +0.7~+1.3 | 330                     | 2.00      | ±0.20 | 11.15   | ±0.35 | 119.71    | -2.38 +2.45 | 0.50    | ±4° | ★    |
| RH2333300***303200114 | 23.3     | +0.7~+1.3 | 330                     | 2.00      | ±0.20 | 11.45   | ±0.35 | 125.15    | -2.45 +2.56 | 0.50    | ±4° | ★    |
| RH2533300***303200121 | 25.3     | +0.7~+1.3 | 330                     | 2.00      | ±0.20 | 12.15   | ±0.35 | 136.03    | -2.70 +2.78 | 0.50    | ±4° | ★    |
| RH2633300***303200127 | 26.3     | +0.7~+1.3 | 330                     | 2.00      | ±0.20 | 12.75   | ±0.35 | 141.48    | -2.81 +2.90 | 0.50    | ±4° | ★    |
| RH2833300***303250136 | 28.3     | +0.7~+1.3 | 330                     | 2.50      | ±0.25 | 13.65   | ±0.45 | 152.36    | -3.02 +3.12 | 0.60    | ±4° | ★    |
| RH3033300***303250145 | 30.3     | +0.7~+1.3 | 330                     | 2.50      | ±0.25 | 14.50   | ±0.60 | 163.24    | -3.24 +3.34 | 0.60    | ±4° | ★    |
| RH3233300***303300155 | 32.3     | +0.7~+1.3 | 330                     | 3.00      | ±0.30 | 15.50   | ±0.60 | 174.12    | -3.46 +3.56 | 0.60    | ±4° | ★    |

接受定制 标准库存

| 长度(mm)    | 公差(mm)    | 可提供下列服务  | 可提供牌号   |
|-----------|-----------|----------|---------|
| < 150     | +0.5/+1.0 | h5/h6 定长 | XR10SD+ |
| 150≤L≤300 | +1.0/+2.0 |          |         |
| > 300     | +2.0/+5.0 |          |         |

40度三螺旋标准孔圆棒

| 毛坯产品编码                | 直径D (mm) |           | 长度L (mm)<br>(Tol.+2~-5) | 内孔直径 (mm) |       | 孔间距(mm) |       | 螺距(±0.5°) |             | 偏心距(mm) |     | 库存情况 |
|-----------------------|----------|-----------|-------------------------|-----------|-------|---------|-------|-----------|-------------|---------|-----|------|
|                       | 毛坯       | Tol.      |                         | d         | Tol.  | TK      | Tol.  | P         | Tol.        | e≤      | α   |      |
| RH0643300***403050022 | 6.4      | +0.4~+1.0 | 330                     | 0.50      | ±0.10 | 2.20    | ±0.10 | 22.46     | -0.39 +0.40 | 0.15    | ±4° | ★    |
| RH0843300***403065026 | 8.4      | +0.4~+1.0 | 330                     | 0.65      | ±0.10 | 2.60    | ±0.15 | 29.95     | -0.53 +0.54 | 0.15    | ±4° | ★    |
| RH1043300***403080033 | 10.4     | +0.4~+1.0 | 330                     | 0.80      | ±0.15 | 3.35    | ±0.15 | 37.44     | -0.66 +0.67 | 0.20    | ±4° | ★    |
| RH1243300***403090040 | 12.4     | +0.4~+1.0 | 330                     | 0.90      | ±0.15 | 4.00    | ±0.20 | 44.93     | -0.79 +0.80 | 0.30    | ±4° | ★    |
| RH1443300***403100045 | 14.4     | +0.5~+1.1 | 330                     | 1.00      | ±0.15 | 4.50    | ±0.20 | 52.42     | -0.92 +0.94 | 0.37    | ±4° | ★    |
| RH1643300***403120053 | 16.4     | +0.5~+1.1 | 330                     | 1.20      | ±0.15 | 5.30    | ±0.20 | 59.90     | -1.05 +1.07 | 0.40    | ±4° | ★    |
| RH1843300***403140059 | 18.4     | +0.5~+1.1 | 330                     | 1.40      | ±0.15 | 5.90    | ±0.30 | 67.39     | -1.18 +1.21 | 0.50    | ±4° | ★    |
| RH2043300***403150066 | 20.4     | +0.5~+1.1 | 330                     | 1.50      | ±0.15 | 6.60    | ±0.30 | 74.88     | -1.31 +1.34 | 0.50    | ±4° | ★    |
| RH2243300***403170073 | 22.4     | +0.6~+1.2 | 330                     | 1.70      | ±0.20 | 7.35    | ±0.35 | 82.37     | -1.44 +1.48 | 0.50    | ±4° | ●    |
| RH2543300***403175076 | 25.4     | +0.6~+1.2 | 330                     | 1.75      | ±0.20 | 7.65    | ±0.45 | 93.60     | -1.64 +1.68 | 0.50    | ±4° | ●    |
| RH2643300***403175077 | 26.4     | +0.7~+1.3 | 330                     | 1.75      | ±0.20 | 7.75    | ±0.45 | 97.34     | -1.71 +1.74 | 0.50    | ±4° | ●    |
| RH2843300***403200085 | 28.4     | +0.7~+1.3 | 330                     | 2.00      | ±0.20 | 8.55    | ±0.45 | 104.83    | -1.84 +1.88 | 0.50    | ±4° | ●    |
| RH3043300***403200094 | 30.4     | +0.7~+1.3 | 330                     | 2.00      | ±0.20 | 9.45    | ±0.55 | 112.32    | -1.97 +2.01 | 0.50    | ±4° | ●    |
| RH3243300***403200104 | 32.4     | +0.7~+1.3 | 330                     | 2.00      | ±0.20 | 10.45   | ±0.55 | 119.81    | -2.10 +2.15 | 0.50    | ±4° | ●    |

接受定制 标准库存

其它角度双螺旋圆棒

| 毛坯产品编码                | 直径D (mm) |            | 长度L (mm)<br>(Tol.+2~-+5) | 内孔直径 (mm) |       | 孔间距(mm) |       | 螺旋<br>角度 | 螺距(±0.5°) |       |       | 偏心距(mm)<br>e≤ | 库存<br>情况 |
|-----------------------|----------|------------|--------------------------|-----------|-------|---------|-------|----------|-----------|-------|-------|---------------|----------|
|                       | 毛坯       | Tol.       |                          | d         | Tol.  | TK      | Tol.  |          | P         | Tol.  |       |               |          |
| RH0633300***152070026 | 6.3      | +0.4~-+1.0 | 330                      | 0.70      | ±0.15 | 2.60    | ±0.20 | 15       | 70.35     | -2.38 | +2.54 | 0.15          | ★        |
| RH0833300***152125036 | 8.3      | +0.4~-+1.0 | 330                      | 1.25      | ±0.15 | 3.60    | ±0.20 | 15       | 93.80     | -3.17 | +3.38 | 0.15          | ★        |
| RH1433300***152190067 | 14.3     | +0.7~-+1.3 | 330                      | 1.90      | ±0.20 | 6.70    | ±0.40 | 15       | 164.14    | -5.55 | +5.92 | 0.37          | ★        |
| RH1633300***152210080 | 16.3     | +0.7~-+1.3 | 330                      | 2.10      | ±0.25 | 8.00    | ±0.40 | 15       | 187.59    | -6.34 | +6.77 | 0.40          | ★        |
| RH1833300***152230090 | 18.3     | +0.7~-+1.3 | 330                      | 2.30      | ±0.25 | 9.00    | ±0.40 | 15       | 211.04    | -7.13 | +7.61 | 0.50          | ★        |
| RH2033300***152250100 | 20.3     | +0.7~-+1.3 | 330                      | 2.50      | ±0.25 | 10.00   | ±0.50 | 15       | 234.49    | -7.93 | +8.46 | 0.50          | ★        |
| RH0633300***362080019 | 6.3      | +0.7~-+1.3 | 330                      | 0.80      | ±0.10 | 1.90    | ±0.10 | 36       | 25.94     | -0.47 | +0.48 | 0.15          | ★        |
| RH0633300***432060016 | 6.3      | +0.7~-+1.3 | 330                      | 0.60      | ±0.10 | 1.60    | ±0.10 | 43       | 20.21     | -0.35 | +0.36 | 0.15          | ★        |
| RH0633300***462050017 | 6.3      | +0.7~-+1.3 | 330                      | 0.50      | ±0.10 | 1.70    | ±0.10 | 46       | 18.20     | -0.32 | +0.32 | 0.15          | ★        |
| RH0833300***362100034 | 8.3      | +0.7~-+1.3 | 330                      | 1.00      | ±0.15 | 3.40    | ±0.20 | 36       | 34.59     | -0.63 | +0.64 | 0.20          | ★        |
| RH1033300***322115044 | 10.3     | +0.7~-+1.3 | 330                      | 1.35      | ±0.15 | 4.40    | ±0.20 | 32.9     | 48.56     | -0.92 | +0.94 | 0.20          | ★        |
| RH1033300***342115044 | 10.3     | +0.7~-+1.3 | 330                      | 1.15      | ±0.15 | 4.40    | ±0.20 | 34.3     | 46.05     | -0.85 | +0.87 | 0.20          | ★        |

☒ 接受定制 ☒ 标准库存

| 长度(mm)    | 公差(mm)    |
|-----------|-----------|
| < 150     | +0.5/+1.0 |
| 150≤L≤300 | +1.0/+2.0 |
| > 300     | +2.0/+5.0 |

可提供下列服务

h5/h6 定长

可提供牌号

XR10SD+

微小径螺旋圆棒

| 毛坯产品编码                | 直径D (mm) |            | 长度L (mm)<br>(Tol.+2~-+5) | 内孔直径 (mm) |       | 孔间距(mm) |       | 螺旋<br>角度 | 螺距(±0.5°) |       |       | 偏心距(mm)<br>e≤ | 库存<br>情况 |
|-----------------------|----------|------------|--------------------------|-----------|-------|---------|-------|----------|-----------|-------|-------|---------------|----------|
|                       | 毛坯       | Tol.       |                          | d         | Tol.  | TK      | Tol.  |          | P         | Tol.  |       |               |          |
| RH0333300***302040016 | 3.3      | +0.3~-+0.6 | 330                      | 0.40      | ±0.10 | 1.60    | ±0.10 | 30       | 16.32     | -0.32 | +0.33 | 0.10          | ★        |
| RH0343300***402030013 | 3.4      | +0.4~-+1.0 | 330                      | 0.30      | ±0.10 | 1.30    | ±0.10 | 40       | 11.23     | -0.20 | +0.20 | 0.10          | ★        |
| RH0333300***462020009 | 3.3      | +0.4~-+1.0 | 330                      | 0.20      | ±0.10 | 0.90    | ±0.10 | 46.3     | 9.00      | -0.23 | +0.24 | 0.05          | ★        |
| RH0333300***622010004 | 3.3      | +0.4~-+1.0 | 330                      | 0.10      | ±0.03 | 0.45    | ±0.05 | 62.1     | 5.00      | -0.16 | +0.16 | 0.05          | ★        |
| RH0333300***672007003 | 3.3      | +0.4~-+1.0 | 330                      | 0.07      | ±0.03 | 0.37    | ±0.05 | 67       | 4.00      | -0.14 | +0.15 | 0.05          | ★        |
| RH0433300***302025012 | 4.3      | +0.7~-+1.3 | 330                      | 0.25      | ±0.10 | 1.20    | ±0.10 | 30       | 21.77     | -0.64 | +0.67 | 0.10          | ★        |
| RH0433300***302060016 | 4.3      | +0.7~-+1.3 | 330                      | 0.60      | ±0.10 | 1.60    | ±0.10 | 30       | 21.77     | -0.64 | +0.67 | 0.10          | ★        |
| RH0433300***302060021 | 4.3      | +0.7~-+1.3 | 330                      | 0.60      | ±0.10 | 2.10    | ±0.10 | 30       | 21.77     | -0.64 | +0.67 | 0.10          | ★        |
| RH0433300***352040017 | 4.3      | +0.7~-+1.3 | 330                      | 0.40      | ±0.10 | 1.75    | ±0.10 | 35       | 17.95     | -0.49 | +0.51 | 0.10          | ★        |
| RH0443300***402040016 | 4.3      | +0.7~-+1.3 | 330                      | 0.40      | ±0.10 | 1.60    | ±0.10 | 40       | 14.98     | -0.39 | +0.41 | 0.10          | ★        |
| RH0433300***462030010 | 4.3      | +0.7~-+1.3 | 330                      | 0.30      | ±0.10 | 1.00    | ±0.10 | 46.3     | 12.01     | -0.31 | +0.32 | 0.10          | ★        |
| RH0433300***542020009 | 4.3      | +0.7~-+1.3 | 330                      | 0.20      | ±0.10 | 0.90    | ±0.10 | 54.4     | 9.00      | -0.25 | +0.25 | 0.05          | ★        |
| RH0433300***602016007 | 4.3      | +0.7~-+1.3 | 330                      | 0.16      | ±0.05 | 0.75    | ±0.05 | 60       | 7.26      | -0.22 | +0.22 | 0.05          | ★        |
| RH0433300***602023008 | 4.3      | +0.7~-+1.3 | 330                      | 0.23      | ±0.05 | 0.80    | ±0.10 | 60       | 7.26      | -0.22 | +0.22 | 0.05          | ★        |
| RH0433300***642013006 | 4.3      | +0.7~-+1.3 | 330                      | 0.13      | ±0.05 | 0.60    | ±0.05 | 64.5     | 6.00      | -0.20 | +0.20 | 0.05          | ★        |

☒ 接受定制 ☒ 标准库存

| 长度(mm)    | 公差(mm)    |
|-----------|-----------|
| < 150     | +0.5/+1.0 |
| 150≤L≤300 | +1.0/+2.0 |
| > 300     | +2.0/+5.0 |

可提供下列服务

h5/h6 定长

可提供牌号

XR10SD+

螺旋角度/导程的转换关系

< 由导程转换螺旋角度 >

$$\alpha = \frac{180}{\pi} \times \arctan\left(\frac{D \times \pi}{P}\right)$$

< 由螺旋角度转换导程 >

$$P = \frac{\pi \times D}{\tan \alpha}$$

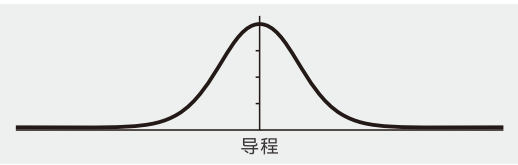
α : 螺旋角度

P : 导程

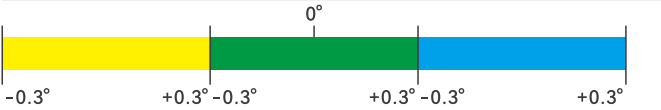
D : 直径

导程分类系统

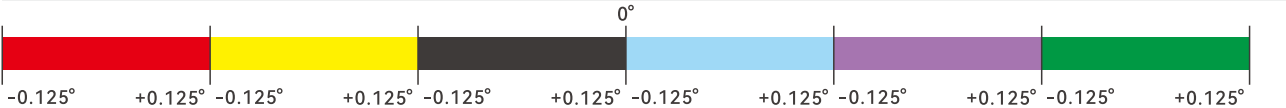
为了保证螺旋棒导程公差，依据螺旋角度公差进行导程分类等级。为了达到导程分类等级精度，所有螺旋棒导程均进行检测后进行分类。常规螺旋棒采用3级导程分类系统进行导程归类，对于深孔钻（15倍径以上）螺旋棒采用6级导程分类系统进行导程归类；



3级分类系统



6级分类系统



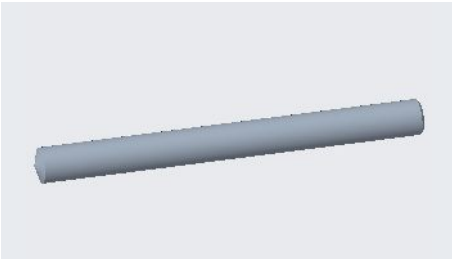
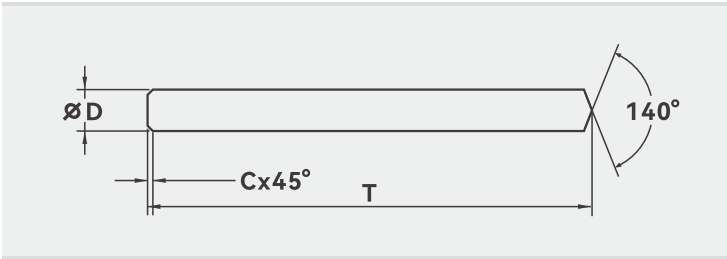
| 毛坯产品编码                | 直径D (mm) |            | 长度L (mm)<br>(Tol.+2~-+5) | 内孔直径 (mm) |       | 孔间距(mm) |       | 螺旋<br>角度 | 螺距(±0.5°) |       |       | 偏心距(mm)<br>e≤ | 库存<br>情况 |
|-----------------------|----------|------------|--------------------------|-----------|-------|---------|-------|----------|-----------|-------|-------|---------------|----------|
|                       | 毛坯       | Tol.       |                          | d         | Tol.  | TK      | Tol.  |          | P         | Tol.  |       |               |          |
| RH0633300***302070024 | 6.3      | +0.3~-+0.6 | 430.0                    | 0.70      | ±0.15 | 2.40    | ±0.20 | 30       | 32.65     | -0.65 | +0.67 | 0.15          | ★        |
| RH0733300***302100035 | 7.3      | +0.3~-+0.6 | 430.0                    | 1.00      | ±0.15 | 3.50    | ±0.20 | 30       | 38.09     | -0.76 | +0.78 | 0.15          | ★        |
| RH0833300***302100038 | 8.3      | +0.4~-+0.7 | 530.0                    | 1.00      | ±0.15 | 3.80    | ±0.20 | 30       | 43.53     | -0.86 | +0.89 | 0.20          | ★        |
| RH0933300***302140045 | 9.3      | +0.4~-+1.0 | 530.0                    | 1.40      | ±0.15 | 4.50    | ±0.30 | 30       | 48.97     | -0.97 | +1.00 | 0.20          | ★        |
| RH1033300***302140045 | 10.3     | +0.4~-+1.0 | 530.0                    | 1.40      | ±0.15 | 4.50    | ±0.30 | 30       | 54.41     | -1.08 | +1.11 | 0.20          | ★        |
| RH1133300***302140049 | 11.3     | +0.4~-+1.0 | 530.0                    | 1.40      | ±0.15 | 4.90    | ±0.40 | 30       | 59.86     | 1.19  | +1.22 | 0.28          | ★        |
| RH1233300***302140058 | 12.3     | +0.4~-+1.0 | 530.0                    | 1.40      | ±0.15 | 5.85    | ±0.40 | 30       | 65.30     | -1.30 | +1.34 | 0.30          | ★        |
| RH1333300***302175061 | 13.3     | +0.4~-+1.0 | 530.0                    | 1.75      | ±0.20 | 6.10    | ±0.40 | 30       | 70.74     | -1.40 | +1.45 | 0.34          | ★        |
| RH1433300***302175067 | 14.3     | +0.4~-+1.0 | 530.0                    | 1.75      | ±0.20 | 6.70    | ±0.40 | 30       | 76.18     | -1.51 | +1.56 | 0.37          | ★        |
| RH1633300***302175079 | 16.3     | +0.5~-+1.1 | 530.0                    | 1.75      | ±0.20 | 7.90    | ±0.40 | 30       | 87.06     | -1.73 | 1.78  | 0.40          | ★        |
| RH1833300***302200091 | 18.3     | +0.6~-+1.2 | 530.0                    | 2.00      | ±0.25 | 9.15    | ±0.40 | 30       | 97.95     | -1.94 | +2.00 | 0.50          | ★        |
| RH2033300***302200099 | 20.3     | +0.6~-+1.2 | 530.0                    | 2.00      | ±0.25 | 9.90    | ±0.50 | 30       | 108.83    | -2.16 | +2.23 | 0.50          | ★        |
| RH2533300***302200128 | 25.3     | +0.7~-+1.3 | 530.0                    | 2.00      | ±0.25 | 12.80   | ±0.50 | 30       | 136.03    | -2.70 | +2.78 | 0.50          | ★        |

☒ 接受定制 ☒ 标准库存

可提供牌号

XR10SD+

● 精磨尖锥棒



● 尖锥棒精磨实心棒

| 直径D (mm) |       | 长度     |         | 倒角角度   | 倒角尺寸<br>C (mm) | 尖锥角度         | 库存情况 |
|----------|-------|--------|---------|--------|----------------|--------------|------|
| 精磨       | Tol.  | L (mm) | 公差      |        |                |              |      |
| 6.0      | h5/h6 | 62     | +0~+0.5 | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | ★    |
| 6.0      | h5/h6 | 66     | +0~+0.5 | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | ★    |
| 6.0      | h5/h6 | 74     | +0~+0.5 | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | ★    |
| 6.0      | h5/h6 | 82     | +0~+0.5 | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | ★    |
| 8.0      | h5/h6 | 79     | +0~+0.5 | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | ★    |
| 8.0      | h5/h6 | 91     | +0~+0.5 | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | ★    |
| 10.0     | h5/h6 | 89     | +0~+0.5 | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | ★    |
| 10.0     | h5/h6 | 103    | +0~+0.5 | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | ★    |
| 12.0     | h5/h6 | 102    | +0~+0.5 | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | ★    |
| 12.0     | h5/h6 | 118    | +0~+0.5 | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | ★    |
| 14.0     | h5/h6 | 107    | +0~+0.5 | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | ★    |
| 14.0     | h5/h6 | 124    | +0~+0.5 | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | ★    |
| 16.0     | h5/h6 | 115    | +0~+0.5 | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | ★    |
| 16.0     | h5/h6 | 133    | +0~+0.5 | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | ★    |
| 18.0     | h5/h6 | 123    | +0~+0.5 | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | ★    |
| 18.0     | h5/h6 | 143    | +0~+0.5 | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | ★    |
| 20.0     | h5/h6 | 131    | +0~+0.5 | 45°±3° | 1.0±0.1        | 140°(0°~+2°) | ★    |
| 20.0     | h5/h6 | 153    | +0~+0.5 | 45°±3° | 1.0±0.1        | 140°(0°~+2°) | ★    |

● 接受定制 ★ 标准库存

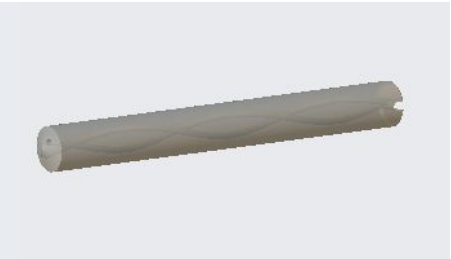
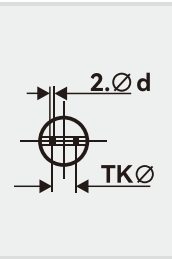
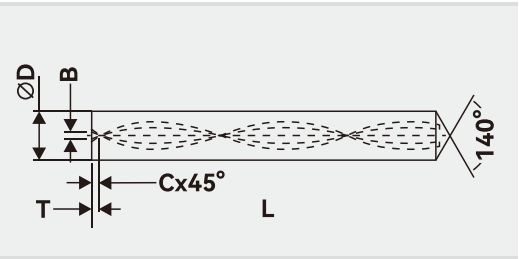
可提供下列服务

 h5

尖锥角度可选择120°~150°

可提供牌号

XR10ST XR10SD+



● 尖锥油槽精磨螺旋棒

| 直径D (mm) |      | 长度     |         | 槽宽B (mm) | 槽深T (mm)       | 倒角角度   | 倒角尺寸<br>C (mm) | 尖锥角度         | 内孔直径 (mm) | 孔间距 (mm) | 螺距(±0.5°) |             | 偏心距 (mm) |
|----------|------|--------|---------|----------|----------------|--------|----------------|--------------|-----------|----------|-----------|-------------|----------|
| 精磨       | Tol. | L (mm) | 公差      |          |                |        |                |              | d         | TK       | P         | Tol.        | e≤       |
| 6.0      | h5   | 66     | +0~+0.5 | 1.5±0.2  | 0.9(0.0~+0.4)  | 45°±3° | 0.5±0.1        | 140°(0°~+2°) | 0.70      | 2.40     | 32.65     | -0.65 +0.67 | 0.15     |
| 6.0      | h5   | 82     | +0~+0.5 | 1.5±0.2  | 0.9(0.0~+0.4)  | 45°±3° | 0.5±0.1        | 140°(0°~+2°) | 0.70      | 2.40     | 32.65     | -0.65 +0.67 | 0.15     |
| 8.0      | h5   | 79     | +0~+0.5 | 2.0±0.2  | 1.4(0.0~+0.4)  | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | 1.00      | 3.80     | 43.53     | -0.86 +0.89 | 0.15     |
| 8.0      | h5   | 91     | +0~+0.5 | 2.0±0.2  | 1.4(0.0~+0.4)  | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | 1.00      | 3.80     | 43.53     | -0.86 +0.89 | 0.15     |
| 10.0     | h5   | 89     | +0~+0.5 | 2.5±0.2  | 1.65(0.0~+0.4) | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | 1.40      | 4.50     | 54.41     | -1.08 +1.11 | 0.20     |
| 10.0     | h5   | 103    | +0~+0.5 | 2.5±0.2  | 1.65(0.0~+0.4) | 45°±3° | 0.6±0.1        | 140°(0°~+2°) | 1.40      | 4.50     | 54.41     | -1.08 +1.11 | 0.20     |
| 12.0     | h5   | 102    | +0~+0.5 | 2.5±0.2  | 1.75(0.0~+0.4) | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | 1.40      | 5.85     | 65.30     | -1.30 +1.34 | 0.30     |
| 12.0     | h5   | 107    | +0~+0.5 | 2.5±0.2  | 1.75(0.0~+0.4) | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | 1.40      | 5.85     | 65.30     | -1.30 +1.34 | 0.30     |
| 14.0     | h5   | 118    | +0~+0.5 | 3.0±0.2  | 2.15(0.0~+0.4) | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | 1.75      | 6.70     | 76.18     | -1.51 +1.56 | 0.37     |
| 14.0     | h5   | 124    | +0~+0.5 | 3.0±0.2  | 2.15(0.0~+0.4) | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | 1.75      | 6.70     | 76.18     | -1.51 +1.56 | 0.37     |
| 16.0     | h5   | 115    | +0~+0.5 | 3.0±0.2  | 2.3(0.0~+0.4)  | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | 1.75      | 7.90     | 87.06     | -1.73 +1.78 | 0.40     |
| 16.0     | h5   | 133    | +0~+0.5 | 3.0±0.2  | 2.3(0.0~+0.4)  | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | 1.75      | 7.90     | 87.06     | -1.73 +1.78 | 0.40     |
| 18.0     | h5   | 123    | +0~+0.5 | 3.5±0.2  | 2.5(0.0~+0.4)  | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | 2.00      | 9.15     | 97.95     | -1.94 +2.00 | 0.50     |
| 18.0     | h5   | 143    | +0~+0.5 | 3.5±0.2  | 2.5(0.0~+0.4)  | 45°±3° | 0.8±0.1        | 140°(0°~+2°) | 2.00      | 9.15     | 97.95     | -1.94 +2.00 | 0.50     |
| 20.0     | h5   | 131    | +0~+0.5 | 3.5±0.2  | 2.7(0.0~+0.4)  | 45°±3° | 1.0±0.1        | 140°(0°~+2°) | 2.00      | 9.90     | 108.83    | -2.16 +2.23 | 0.50     |
| 20.0     | h5   | 153    | +0~+0.5 | 3.5±0.2  | 2.7(0.0~+0.4)  | 45°±3° | 1.0±0.1        | 140°(0°~+2°) | 2.00      | 9.90     | 108.83    | -2.16 +2.23 | 0.50     |

✂ 可接受定制

可提供下列服务

 h5

尖锥角度可选择120°~150°

可提供牌号

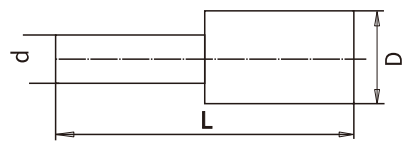
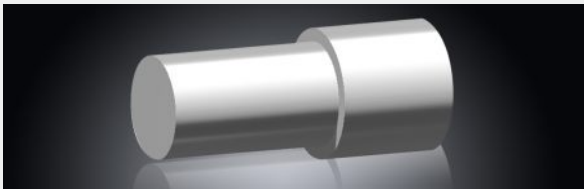
XR10ST XR10SD+

● 毛坯预制品系列

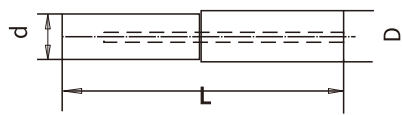
能力描述

可完成长度20~130mm 大径40mm以下，厚度3mm以上；小径10mm以上 任意定制产品，生产周期7~10天，可定制内、外顶尖

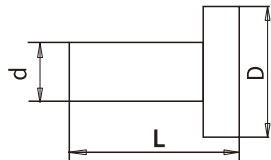
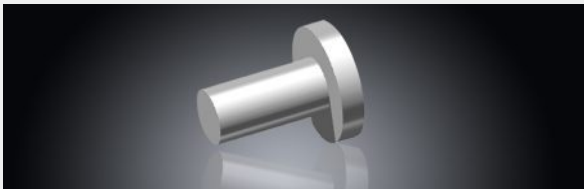
● 台阶棒



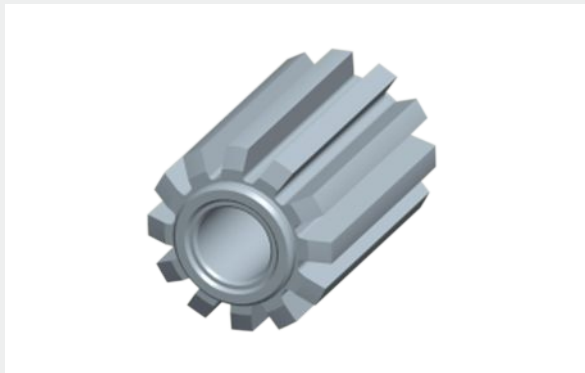
● 盲孔台阶棒



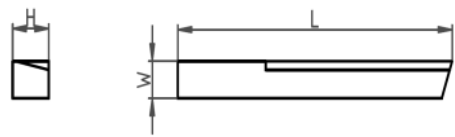
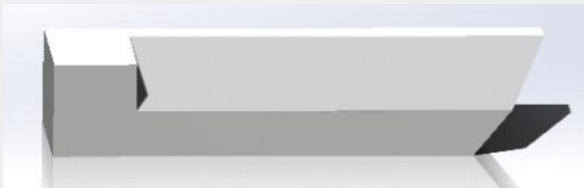
● T型棒



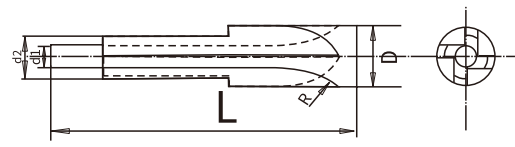
● 滚刀



● 刀条



● 预成型刀具毛坯



段差产品系列 ●

能力描述

可完成棒料总长度38~150mm，直径 $\varnothing 20$ 以内的批量订单生产；可定制顶角角度，阶梯倒角尺寸，倒锥10°以内。

| 品类名        | 3D示意图 | 2D尺寸详情图示 |
|------------|-------|----------|
| 台阶棒        |       |          |
| 球头棒        |       |          |
| 球头台阶棒      |       |          |
| 尖锥台阶棒      |       |          |
| 双螺旋油槽尖锥台阶棒 |       |          |
| 深沟台阶棒      |       |          |

● 非标定制产品

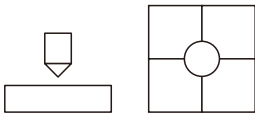
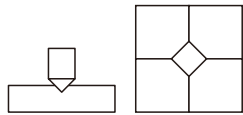
根据客户图纸定制

| 硬质合金皇冠钻毛坯                                                                         | 可换式硬质合金铣刀头                                                                         |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |

● 硬质合金材料性能表征

● 1、硬度 (ISO3738及IOS3878)

材料抵抗局部塑形变形的能力。硬质合金常用硬度测定方法为洛氏硬度或维氏硬度测试法，单位分别为HRA（60kg载荷）与HV30（30kg载荷）。由于两者测量手法不同，两种硬度值应根据测量材料的参照表进行换算。

|      |                                                                                     |      |                                                                                      |
|------|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------|
| 洛氏硬度 |  | 维氏硬度 |  |
|------|-------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------|

● 2、断裂韧性

断裂韧性（KIC）是指材料抵抗内部裂纹失稳扩张的能力。其大小取决于材料成分、组织等内在因素，表征材料综合性能。

● 3、抗弯强度 (ISO3327)

抗弯强度（TRS）指材料抵抗弯曲不断裂的能力。其值为在一个标准的三点弯曲试验中材料的破断点测得的应力。此实验应用于硬质合金时，根据GBT/3851-2015规定，采用C试样进行测量。TRS使用几个测量值的平均值作为测量值，此值可以变化很大。此结果对样品表面光洁度，表面残留应力，表面腐蚀及材料内部的缺陷很敏感。

后加工介绍 ●

新锐合金一直默默地提供着满足您高期待、高品质的硬质合金，除硬质合金制品外，更提供一系列的后加工服务，多种外形几何尺寸的棒料，全方位满足客户和刀具市场的需求，只须提供图纸，新锐合金高超的制造水平与多变的外形加工技术结合，可以快速响应您的需求。

| 标识                                                                                  | 服务   | 说明                       |
|-------------------------------------------------------------------------------------|------|--------------------------|
|  | 切断   | 可提供任意标准长度或特殊长度圆棒切断服务     |
| <b>h5/h6</b>                                                                        | 精磨   | 可精磨至h5、h6公差，其他精磨公差，依图纸制作 |
|  | 倒角   | 可提供圆棒倒角服务，提供您的加工效率       |
|  | 段差   | 对大外径或高段差提供修型服务，减少磨削时间    |
|  | 槽加工  | 可制作各种标准的槽型               |
| <b>定长</b>                                                                           | 定制生产 | 可提供定制长度生产服务              |

技术资料 ●

● 圆棒技术参数

| 外径                                                                                    |                                | 椭圆度                                                                                   |                                                                 |
|---------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------|
|  | 圆棒被测量的外径                       |  | 椭圆度是两个同心圆，包括其圆棒剖面的圆周线在内的径向距离                                    |
| 长度                                                                                    |                                | 内孔直径                                                                                  |                                                                 |
|  |                                |  | 圆棒内冷孔的直径                                                        |
| 光洁度                                                                                   |                                | 偏心距                                                                                   |                                                                 |
|  | 圆棒产品表面的质量情况，一般用最大平均光洁度Ra来表示    |  | 偏心距代表的是圆棒圆心与内冷孔所形成的螺距圆的圆心的偏差，对单直孔圆棒，及为内冷孔圆心与圆棒圆心的偏差             |
| 平直度                                                                                   |                                | 螺旋角度                                                                                  |                                                                 |
|  | 一支旋转的圆棒，架在两个支撑点上，在正中间测量它的最大弯曲度 |  | 螺旋角度表示圆棒的纵向中心线与螺旋线的夹角                                           |
| 同心度                                                                                   |                                | 圆柱度                                                                                   |                                                                 |
|  | 圆棒的最大弯曲度                       |  | 圆棒的表面与理想圆柱之间的偏差                                                 |
| 孔间距TK                                                                                 |                                | 节距误差α                                                                                 |                                                                 |
|  | 孔间距定义为穿过两个或三个内冷孔中心所构成的圆形的直径    |  | 三孔螺旋圆棒的半截面表面会被内冷孔区分为三个扇形，每个扇形的边界刚好通过内冷孔中心。而节距误差就是这三个扇形角度之间的偏差值。 |

公差等级

精磨外径公差

| 外径            | h3       | h4      | h5      | h6      |
|---------------|----------|---------|---------|---------|
| 0~3.0mm       | 0.002mm  | 0.003mm | 0.004mm | 0.006mm |
| 3.001~6.0mm   | 0.0025mm | 0.004mm | 0.005mm | 0.008mm |
| 6.001~10.0mm  | 0.0025mm | 0.004mm | 0.006mm | 0.009mm |
| 10.001~18.0mm | 0.003mm  | 0.005mm | 0.008mm | 0.011mm |
| 18.001~30.0mm | 0.004mm  | 0.006mm | 0.009mm | 0.013mm |
| 30.001~50.0mm | 0.004mm  | 0.007mm | 0.011mm | 0.016mm |

\* “h”的公差均为+0.0/-

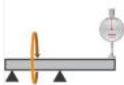
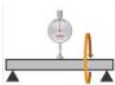
棒材表面粗糙度

| 类型    | 精度          |
|-------|-------------|
| 高光精磨棒 | 0.00~0.02μm |
| 镜面精磨棒 | 0.00~0.05μm |
| 常规精磨棒 | 0.00~0.12μm |
| 亚光精磨棒 | 0.10~0.20μm |

真圆度公差

| 外径            | 真圆度           |
|---------------|---------------|
| 0~16.0mm      | 0.00~0.0015mm |
| 16.001~30.0mm | 0.00~0.0020mm |

跳动标准

| 精磨短棒圆跳动标准 |                                                                                            |           |            |                                                                                              |             |             | 精磨长棒直线度标准   |             |
|-----------|--------------------------------------------------------------------------------------------|-----------|------------|----------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|
| 直径 \ 长度   | 0 < L≤50                                                                                   | 50 < L≤80 | 80 < L≤100 | 100 < L≤120                                                                                  | 120 < L≤150 | 150 < L≤200 | 200 < L≤260 | 260 < L≤330 |
| 3≤D < 4   | 0.005                                                                                      | 0.007     | 0.010      | /                                                                                            | /           | /           | /           | /           |
| 4≤D < 6   | 0.003                                                                                      | 0.003     | 0.005      | 0.008                                                                                        | 0.015       | 0.020       | 0.050       | 0.100       |
| 6≤D < 8   | 0.003                                                                                      | 0.003     | 0.005      | 0.008                                                                                        | 0.010       | 0.015       | 0.040       | 0.080       |
| 8≤D < 10  | 0.003                                                                                      | 0.003     | 0.005      | 0.008                                                                                        | 0.010       | 0.015       | 0.030       | 0.060       |
| 10≤D < 16 | 0.003                                                                                      | 0.003     | 0.005      | 0.005                                                                                        | 0.008       | 0.010       | 0.020       | 0.050       |
| 16≤D < 25 | 0.003                                                                                      | 0.003     | 0.005      | 0.005                                                                                        | 0.008       | 0.010       | 0.020       | 0.040       |
| 25≤D < 32 | 0.003                                                                                      | 0.003     | 0.005      | 0.005                                                                                        | 0.008       | 0.010       | 0.020       | 0.030       |
| 测量方式      | 测量端部跳动  |           |            | 测量中部偏摆  |             |             |             |             |

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