



圆兴精工



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丝锥样本

2023版

# 公司简介

## About Us

圆兴(厦门)精密工具有限公司是经国家科技局认定的“高新技术企业”，成立于2007年，注册资本5000万人民币。

公司专业从事精密挤压丝锥、螺旋丝锥、刃倾角丝锥、直槽丝锥的研发、制造、销售与服务，开创自主品牌“XYC”，丝锥领域专利布局35+项，建立ISO9001认证制造工厂，引进国际生产设备并自主研发涂层生产线，覆盖整个制造现场，实现生产环节高度自动化、智能化。XYC丝锥产品使用领域涵盖了航空业、汽车及零部件工业、医疗健康业、3C产业、5G通讯、风电能源行业等。

Xiamen YuanXing Precision Tool Co., Ltd, an ISO 9001 certified manufacturer, established in the year of 2007, is one of Innovation Companies in Xiamen, appointed by the Ministry of Science & Technology of The P.R.C.

We focus on the development, production and marketing of HSS taps, covering forming taps, spiral flute taps, spiral point taps and straight flute taps, under the registered brand XYC. We are equipped with a first-class production line, including a self-developed coating line with import equipment. All the in-house production procedures are highly automatically and intelligently. XYC taps are applied to most industries, including aerospace industry, auto motor industry, healthcare industry, 3C (Computer/Communication/Consumer Electronics) industries, 5G Communication industry, and green energy industries, etc.

# 企业文化

## XYC Culture

使命：以实现高端丝锥进口替代为使命

Mission: To be the 2nd Name of First-class Taps

愿景：以智慧和不懈努力，铸就国际品质和社会信赖的卓越刀具制造商

Vision: To produce the top product quality and social trust with our wisdom and efforts

价值观：感恩、诚信、公正、勤勉

Values of Business: Thanksgiving, Honesty, Just, Diligence

经营理念：人和为本、持续创新、互利共赢

Theory of Business: People Oriented, Innovation Continued, Benefits Mutually



# 碳钢、合金钢用丝锥系列

## Carbon steel and alloy steel tap series



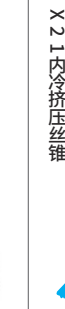



















适合低、中、高碳钢、合金钢、工具钢、快削铁加工

- ◎ 粉末高速钢材质;
- ◎ Powder high speed steel material;
- ◎ 复合涂层, 高耐磨性能;
- ◎ Multilayer coating, excellent wear resistance.
- ◎ 锥角部牙数1P-7P, 柄部加长可定制。
- ◎ Chamfer thread 1P-7P, Extra long shank customization available

|     |     |     |            |
|-----|-----|-----|------------|
| P   | P   | P   | 合金钢<br>SCM |
| 低碳钢 | 中碳钢 | 高碳钢 | HRC45以下    |
| ●   | ●   | ●   | ●          |



### 目录列表 Directory list

|                       | X20-NRT   | X20-SFT   | X21-NRT   | JX10-NRT  | JX10-LH-NRT   | JX10-L-NRT  | DS-SFT  | SFT45   | HHS-POT   | X20-RLT  | POT   |
|-----------------------|---|---|---|---|---|---|---|---|---|--|---|
| 螺纹刀具<br>Thread tool   |   |   |   |   |   |   |   |   |   |   |   |
| 刀具材质<br>Tap material  | CPM   | CPM   | CPM   | CPS   | CPS   | CPS   | CPS   | CPS   | CPS   | CPM  | CPS   |
| 螺纹种类<br>Thread type   | M<br>MF   | M UNC<br>MF UNF   | M<br>MF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M<br>MF   | M<br>MF   | M   | M<br>MF  | M UNC<br>MF UNF   |
| JIS/DIN               | DIN   | DIN   | DIN   | JIS   | JIS   | JIS   | JIS   | JIS   | JIS   | DIN  | JIS/DIN   |
| 规格范围<br>Size          | M4-M30  | M4-M16<br>NO.8-5/8  | M4-M30  | M1-M16<br>NO.0-5/8  | M1-M16<br>NO.0-5/8  | M2-M16<br>NO.4-5/8  | M4-M14  | M3-M16<br>NO.6-5/8  | M1.6-M3   | M6-M16   | M1-M16<br>NO.0-5/8  |
| 适合牙规<br>Thread gauge  | 6HX   | 6HX   | 6HX   | 6H  | 6H  | 6H  | 6H  | 6H  | 6H  | 6HX  | 6H/6HX  |
| 切削锥<br>Chamfer length | 1.5P-4P   | 2.5P  | 1.5P-4P   | 1.5P-4P   | 1.5P-4P   | 1.5P-4P   | 3.5P  | 1.5P-3.5P   | 5P  | 7.5P   | 5P  |
| 涂层<br>Coating         | Coating<br>TiCN-AL  | Coating<br>TiCN-AL  | Coating<br>TiCN-AL  | Coating<br>TiCN-AL  | Coating<br>TiCN-AL  | Coating<br>TiCN-AL  | Coating<br>TiCN-AL  | Coating<br>TiCN-AL  | Coating<br>YC-200   | Coating<br>TiCN-AL   | Coating<br>TiCN-AL  |
| 油孔型式<br>Coolant type  | N/A   | N/A   | Oilhole<br>Z<br>Oilhole<br>C  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   | N/A  | N/A   |
| 底孔类型<br>Hole type     |  |  |  |  |  |  |  |  |  |  |  |

# 铝、铜等非铁合金用丝锥系列

## Aluminum, copper and other Non-ferrous alloy tap series



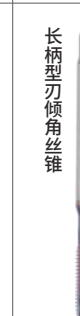

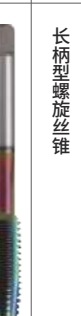

















适合铝、铝合金压铸件、铜合金、锌合金等非铁合金加工

- ◎ 粉末高速钢材质;
- ◎ Powder high speed steel material;
- ◎ 复合涂层, 耐磨性能优异, 不易粘渣;
- ◎ Multilayer coating, no easy to stick chips.
- ◎ 锥角部牙数1P-7P, 柄部加长可定制。
- ◎ Chamfer thread 1P-7P, extra long shank customization available

|     |       |       |
|-----|-------|-------|
| N   | N     | N     |
| 铝AL | 铜/铜Cu | 铸铝ADC |
| ●   | ●     | ●     |

SHANK  
h6

### 目录列表 Directory list

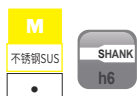
|                       | X20-NRT   | X20-SFT   | L-POT   | POT   | L-SFT45   | ST-SFT  | SFT45   | JX10-LH-NRT  | ST-NRT  | JX10-L-NRT  | JX10-NRT  |
|-----------------------|---|---|---|---|---|---|---|--|---|---|---|
| 螺纹刀具<br>Thread tool   |   |   |   |   |   |   |   |   |   |   |   |
| 刀具材质<br>Tap material  | CPM   | CPM   | CPS   | CPS   | CPS   | CPS   | CPS   | CPS  | CPS   | CPS   | CPS   |
| 螺纹种类<br>Thread type   | M<br>MF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF  | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   |
| JIS/DIN               | DIN   | DIN   | JIS   | JIS/DIN   | JIS   | JIS   | JIS   | JIS  | JIS   | JIS   | JIS   |
| 规格范围<br>Size          | M4-M30  | M4-M16<br>NO.8-5/8  | M2-M16<br>NO.4-NO.12  | M1-M16<br>NO.0-5/8  | M2-M16<br>NO.4-NO.12  | ST2-ST12<br>STNO.2-ST1/2  | M1-M16<br>NO.0-5/8  | M3-M16   | ST2-ST12<br>STNO.2-ST1/2  | M2-M16<br>NO.4-5/8  | M1-M16<br>NO.0-5/8  |
| 适合牙规<br>Thread gauge  | 6HX   | 6HX   | 6H  | 6H/6HX  | 6H  | 6H  | 6H  | 6H   | 6H  | 6H  | 6H  |
| 切削锥<br>Chamfer length | 1.5P-4P   | 2.5P  | 5P  | 5P  | 1.5P-2.5P   | 1.5P-2.5P   | 1.5P-2.5P   | 1.5P-4P  | 2P/4P   | 1.5P-4P   | 1.5P-4P   |
| 涂层<br>Coating         | Coating<br>TiCN-AL  | Coating<br>TiCN-AL  | Coating<br>YC-C50   | Coating<br>YC-C50   | Coating<br>YC-C50   | Coating<br>YC-C50   | Coating<br>YC-C50   | Coating<br>YC-C50  | Coating<br>YC-C50   | Coating<br>YC-C50   | Coating<br>YC-C50   |
| 油孔型式<br>Coolant type  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   | N/A  | N/A   | N/A   | N/A   |
| 底孔类型<br>Hole type     |  |  |  |  |  |  |  |  |  |  |  |

# 不锈钢用丝锥系列



















## Stainless steel tap series

适合不锈钢200系列、300系列加工

- ◎ 粉末高速钢材质；
- ◎ 复合涂层, 应对难加工不锈钢, 显示出极好的加工特性和耐磨损性能；
- ◎ 锥角部牙数1P-7P, 柄部加长可定制。
- ◎ Powder high speed steel material;
- ◎ Multilayer coating, suitable for hard processing stainless steel, excellent processing characteristics and wear resistance.
- ◎ Chamfer thread 1P-7P, extra long shank customization available



### 目录列表 Directory list

|                       | X20-NRT   | X20-SFT   | JX10-NRT  | JX10-L-NRT  | JX10-LH-NRT   | SFT45   | L-SFT45  | POT   | L-POT   |  |  |
|-----------------------|---|---|---|---|---|---|--|---|---|--|--|
| 螺纹刀具<br>Thread tool   |   |   |   |   |   |   |    |    |   |  |  |
| 刀具材质<br>Tap material  | CPM   | CPM   | CPS   | CPS   | CPS   | CPS   | CPS  | CPS   | CPS   |  |  |
| 螺纹种类<br>Thread type   | M<br>MF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF   | M UNC<br>MF UNF  | M UNC<br>MF UNF   | M UNC<br>MF UNF   |  |  |
| JIS/DIN               | DIN   | DIN   | JIS   | JIS   | JIS   | JIS   | JIS  | JIS/DIN   | JIS   |  |  |
| 规格范围<br>Size          | M4-M30  | M4-M16<br>NO.8-5/8  | M1-M16<br>NO.0-5/8  | M2-M16<br>NO.4-5/8  | M3-M16<br>NO.6-5/8  | M1-M16<br>NO.0-5/8  | M2-M16<br>NO.4-5/8   | M1-M16<br>NO.0-5/8  | M3-M16<br>NO.6-5/8  |  |  |
| 适合牙规<br>Thread gauge  | 6HX   | 6HX   | 6H  | 6H  | 6H  | 6H  | 6H   | 6H/6HX  | 6H  |  |  |
| 切削锥<br>Chamfer length | 1.5P-4P   | 2.5P  | 1.5P-4P   | 1.5P-4P   | 1.5P-4P   | 1.5P-2.5P   | 1.5P-2.5P  | 5P  | 5P  |  |  |
| 涂层<br>Coating         | Coating<br>TiCN-AL  | Coating<br>TiCN-AL  | Coating<br>YC-200   | Coating<br>YC-200   | Coating<br>YC-200   | Coating<br>YC-200   | Coating<br>YC-200  | Coating<br>YC-200   | Coating<br>YC-200   |  |  |
| 油孔型式<br>Coolant type  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   | N/A  | N/A   | N/A   |  |  |
| 底孔类型<br>Hole type     |  |  |  |  |  |  |  |  |  |  |  |

# 铸铁用丝锥系列





## Cast Iron taps series

适合铸铁FC、球墨铸铁FCD加工

- ◎ 粉末高速钢材质;
- ◎ 复合涂层,耐磨性能优异;
- ◎ 锥角部牙数2P-4P,柄部加长可定制。
- ◎ Powder high speed steel material
- ◎ Multilayer coating, excellent wear resistance
- ◎ Chamfer thread 2P-4P,extra long shank customization available



### 目录列表 Directory list

|                       | X20-HT  | X21-HT  |  |  |  |  |  |  |  |
|-----------------------|---|---|--|--|--|--|--|--|--|
| 螺纹刀具<br>Thread tool   |   |   |  |  |  |  |  |  |  |
| 刀具材质<br>Tap material  | CPM   | CPM   |  |  |  |  |  |  |  |
| 螺纹种类<br>Thread type   | M<br>MF   | M<br>MF   |  |  |  |  |  |  |  |
| JIS/DIN               | JIS/DIN   | JIS/DIN   |  |  |  |  |  |  |  |
| 规格范围<br>Size          | M3-M16  | M3-M16  |  |  |  |  |  |  |  |
| 适合牙规<br>Thread gauge  | 6H/6HX  | 6H/6HX  |  |  |  |  |  |  |  |
| 切削锥<br>Chamfer length | 2P/4P   | 2P/4P   |  |  |  |  |  |  |  |
| 涂层<br>Coating         | Coating<br>YC-T50   | Coating<br>YC-T50   |  |  |  |  |  |  |  |
| 油孔型式<br>Coolant type  | N/A   | Oilhole<br>Z Oilhole<br>C   |  |  |  |  |  |  |  |
| 底孔类型<br>Hole type     |  |  |  |  |  |  |  |  |  |

# 硬质合金丝锥系列

## Taps for cast iron

适合加工铸铁和有色金属

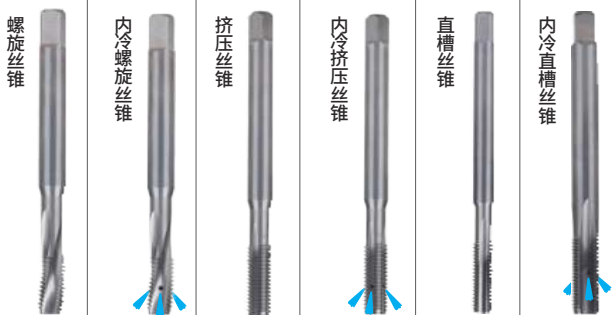
- 硬质合金 (钨钢);
- 可实现大批量、高速、长寿命加工;
- 搭配不同涂层, 适用于铝合金、镁合金、铜合金; 铝合金铸件、锌合金铸件; 普通铸铁、强韧性铸铁等的高精度加工

- Solid carbide.
- Suitable for high-speed, long tool life mass production.
- Various coating selection, suitable for Aluminum alloy, Magnesium alloy, Copper alloy, Cast Aluminum, Cast Zinc alloy, Cast iron, High strength and toughness cast iron threading.

|          |          |          |          |
|----------|----------|----------|----------|
| <b>K</b> | <b>K</b> | <b>N</b> | <b>N</b> |
| 铸铁FC     | 球墨铁FCD   | 铝AL      | 铸铝ADC    |
| ●        | ●        | ●        | ●        |



### 目录列表 Directory list

|   | CB-SFT            | CB-OH-SFT                 | CB-NRT            | CB-OH-NRT                 | CB-HT             | CB-OH-HT                  |  |  |  |  |  |  |
|---|-------------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|--|--|--|--|--|--|
| <b>螺纹刀具</b><br>Thread tool  |                   |                           |                   |                           |                   |                           |  |  |  |  |  |  |
| <b>刀具材质</b><br>Tap material   | Carbide           | Carbide                   | Carbide           | Carbide                   | Carbide           | Carbide                   |  |  |  |  |  |  |
| <b>螺纹种类</b><br>Thread type  | M<br>MF           | M<br>MF                   | M<br>MF           | M<br>MF                   | M<br>MF           | M<br>MF                   |  |  |  |  |  |  |
| <b>JIS/DIN</b>  | JIS/DIN           | JIS/DIN                   | JIS/DIN           | JIS/DIN                   | JIS/DIN           | JIS/DIN                   |  |  |  |  |  |  |
| <b>规格范围</b><br>Size   | M3-M16            | M4-M16                    | M1-M16            | M4-M16                    | M3-M16            | M4-M16                    |  |  |  |  |  |  |
| <b>适合牙规</b><br>Thread gauge   | 6H/6HX            | 6H/6HX                    | 6H/6HX            | 6H/6HX                    | 6H/6HX            | 6H/6HX                    |  |  |  |  |  |  |
| <b>切削锥</b><br>Chamfer length  | 1.5P-2.5P         | 1.5P-2.5P                 | 1.5P-4P           | 1.5P-4P                   | 2P/4P             | 2P/4P                     |  |  |  |  |  |  |
| <b>涂层</b><br>Coating  | Coating<br>YC-C50 | Coating<br>YC-C50         | Coating<br>YC-C50 | Coating<br>YC-C50         | Coating<br>YC-T50 | Coating<br>YC-T50         |  |  |  |  |  |  |
| <b>油孔型式</b><br>Coolant type   | N/A               | Oilhole<br>Z Oilhole<br>C | N/A               | Oilhole<br>Z Oilhole<br>C | N/A               | Oilhole<br>Z Oilhole<br>C |  |  |  |  |  |  |
| <b>底孔类型</b><br>Hole type  |                   |                           |                   |                           |                   |                           |  |  |  |  |  |  |



**圆兴(厦门)精密工具有限公司**

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