



# XYC TAPS 丝锥样册

# 公司简介

## About Us

圆兴(厦门)精密工具有限公司,成立于2007年,总部位于厦门,是经国家科技局认证的“高新技术企业”,深耕螺纹加工领域,并开创自主丝锥品牌“XYC”,在国内外获得广泛赞誉。

作为业内知名的专业丝锥制造商,圆兴精工始终保持锐意进取的势头,丝锥领域专利布局35+,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,实现生产环节高度自动化、智能化。凭借务实创新的企业基因,集研发、生产、销售、服务于一体,为全球用户提供优质的丝锥产品并广泛应用于航空航天、汽车及零部件、医疗健康、3C/5G通讯、风电能源等行业。

## 企业文化 XYC culture

使命:创新智造,赋能工业未来。

Mission: Innovative Manufacturing, Empowering the Future of Industry.

愿景:智慧经营、绿色发展,建设幸福企业实现美好生活。

Vision: Intelligent Management, Green Development, Building a Happy Enterprise and Achieving a Better Life.

价值观:修己、利他、求实、创新

Values: Self-improvement, Benefiting Others, Practicality, Innovation.

## 品牌介绍 Brand introduction

# XYC<sup>®</sup> 圆兴精工

XYC即:CHINA YUAN XING(中国圆兴),从右到左依次取首字母构成,代表全体圆兴人共同打造民族高端丝锥品牌的决心。










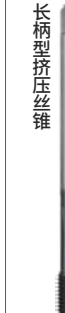


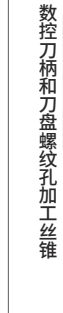
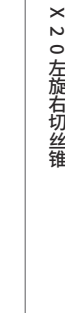














# 碳钢、合金钢用丝锥系列

## 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

- ◎ 刀具材质: 高速钢
- ◎ Powder high speed steel material
- ◎ 高耐磨性能
- ◎ Excellent wear resistance
- ◎ 锥角部牙数1P-5P, 柄部加长可定制
- ◎ Chamfer thread 1P-5P, Extra long shank customization available

P	P	P	合金钢 SCM
低碳钢	中碳钢	高碳钢	HRC45以下
●	●	●	●

内部型号 Tool type	X30-NRT	X20-NRT	X20-SFT	X21-NRT	X20-POT	JX10-NRT	JX10-LH-NRT	JX10-L-NRT	DS-SFT	JX10-SFT	HHS-POTX	X20-RLT	POT
刀具名称 与外形 Description and profile													
刀具材质 Tap material	CPM	CPM	CPM	CPM	CPM	CPS	CPS	CPS	CPS	CPS	CPM	CPM	CPS
螺纹种类 Thread type	M MF	M MF	M MF	M MF	M MF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M MF	M MF	M	M MF	M UNC MF UNF
JIS/DIN	DIN	DIN	DIN	DIN	DIN	JIS	JIS	JIS	JIS	JIS	JIS	DIN	JIS
规格范围 Size	M3-M36	M3-M36	M3-M30	M4-M36	M3-M30	M1-M16 NO.0-5/8	M1-M16 NO.0-5/8	M2-M16 NO.4-5/8	M4-M14	M3-M16 NO.6-5/8	M1.6-M3	M6-M16	M1-M16 NO.0-5/8
适合牙规 Thread gauge	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
切削锥 Chamfer length	1.5P-4P	1.5P-4P	2.5P	1.5P-4P	5P	1.5P-4P	1.5P-4P	1.5P-4P	3.5P	2.5P	5P	5P	5P
涂层 Coating	Coating TIN	Coating X	Coating X	Coating X	Coating X	Coating TiCN-AL	Coating TiCN-AL	Coating TiCN-AL	Coating TiCN-AL	Coating TiCN-AL	Coating TiCN-AL	Coating X	Coating TiCN-AL
油孔型式 Coolant type				Oilhole Z Oilhole C									
底孔类型 Hole type													











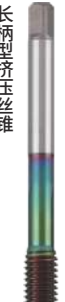











# 铝、铜等非铁合金用丝锥系列

## 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

- ◎ 刀具材质: 高速钢
- ◎ Powder high speed steel material
- ◎ 耐磨性能优异, 不易粘渣
- ◎ Excellent wear resistance, no easy to stick chips
- ◎ 锥角部牙数1P-5P, 柄部加长可定制
- ◎ Chamfer thread 1P-5P, extra long shank customization available

N	N	N
铝AL	铜/青铜Cu	铸铝ADC
●	●	●

内部型号 Tool type	X20-NRT	X20-SFT	L-POT	POT	L-SFT	ST-SFT	JX10-SFT	JX10-LH-NRT	ST-NRT	JX10-L-NRT	JX10-NRT
刀具名称 与外形 Description and profile											
刀具材质 Tap material	CPM	CPM	CPS	CPS	CPS	CPS	CPS	CPS	CPS	CPS	CPS
螺纹种类 Thread type	M MF	M MF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF
JIS/DIN	DIN	DIN	JIS	JIS	JIS	JIS	JIS	JIS	JIS	JIS	JIS
规格范围 Size	M3-M36	M3-M30	M2-M16 NO.4-NO.12	M1-M16 NO.0-5/8	M2-M16 NO.4-NO.12	ST2-ST12 STNO.2-ST1/2	M1-M16 NO.0-5/8	M3-M16	ST2-ST12 STNO.2-ST1/2	M2-M16 NO.4-5/8	M1-M16 NO.0-5/8
适合牙规 Thread gauge	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
切削锥 Chamfer length	1.5P-4P	2.5P	5P	5P	1.5P-2.5P	1.5P-3P	1.5P-2.5P	1.5P-4P	2P/4P	1.5P-4P	1.5P-4P
涂层 Coating	Coating X	Coating X	Coating YC-C50	Coating YC-C50	Coating YC-C50	Coating YC-C50	Coating YC-C50	Coating YC-C50	Coating YC-C50	Coating YC-C50	Coating YC-C50
油孔型式 Coolant type											
底孔类型 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

- ◎ 刀具材质: 高速钢
- ◎ 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-5P, 柄部加长可定制
- ◎ Powder high speed steel material
- ◎ Suitable for hard processing stainless steel, excellent processing characteristics and wear resistance
- ◎ Chamfer thread 1P-5P, extra long shank customization available



内部型号 Tool type	X20-NRT	X20-SFT	JX10-NRT	JX10-L-NRT	JX10-LH-NRT	JX10-SFT	L-SFT	POT	L-POT		
刀具名称 与外形 Description and profile											
刀具材质 Tap material	CPM	CPM	CPS	CPS	CPS	CPS	CPS	CPS	CPS		
螺纹种类 Thread type	M MF	M MF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF	M UNC MF UNF		
JIS/DIN	DIN	DIN	JIS	JIS	JIS	JIS	JIS	JIS	JIS		
规格范围 Size	M3-M36	M3-M30	M1-M16 NO.0-5/8	M2-M16 NO.4-5/8	M3-M16 NO.6-5/8	M1-M16 NO.0-5/8	M2-M16 NO.4-5/8	M1-M16 NO.0-5/8	M3-M16 NO.6-5/8		
适合牙规 Thread gauge	6H	6H	6H	6H	6H	6H	6H	6H	6H		
切削锥 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 Coating	Coating X	Coating X	Coating YC-200	Coating YC-200	Coating YC-200	Coating YC-200	Coating YC-200	Coating YC-200	Coating YC-200		
油孔型式 Coolant type											
底孔类型 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

- ◎ 刀具材质:高速钢;
- ◎ Powder high speed steel material
- ◎ 复合涂层,耐磨性能优异;
- ◎ Multilayer coating, excellent wear resistance
- ◎ 锥角部牙数3P,柄部加长可定制。
- ◎ Chamfer thread 3P,extra long shank customization available

K	K
铸铁FC	球墨铁FCD
●	●

内部型号 Tool type	X20-HT	X21-HT								
刀具名称 与外形 Description and profile										
刀具材质 Tap material	CPM	CPM								
螺纹种类 Thread type										
JIS/DIN	DIN	DIN								
规格范围 Size	M3-M16	M3-M16								
适合牙规 Thread gauge	6H	6H								
切削锥 Chamfer length	3P	3P								
涂层 Coating										
油孔型式 Coolant type										
底孔类型 Hole type										

# 硬质合金丝锥系列

























## Solid carbide taps series

### 适合加工铸铁和有色金属

- ◎ 刀具材质: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.

K	K	N	N
铸铁FC	球墨铁FCD	铝AL	铸铝ADC
●	●	●	●

内部型号 Tool type	CB-SFT	CB-OH-SFT	CB-NRT	CB-OH-NRT	CB-HT	CB-OH-HT						
刀具名称 与外形 Description and profile	 螺旋丝锥	 内冷螺旋丝锥	 挤压丝锥	 内冷挤压丝锥	 直槽丝锥	 内冷直槽丝锥						
刀具材质 Tap material	Carbide	Carbide	Carbide	Carbide	Carbide	Carbide						
螺纹种类 Thread type	M MF	M MF	M MF	M MF	M MF	M MF						
JIS/DIN	JIS/DIN	JIS/DIN	JIS/DIN	JIS/DIN	JIS/DIN	JIS/DIN						
规格范围 Size	M3-M16	M4-M16	M1-M16	M4-M16	M3-M16	M4-M16						
适合牙规 Thread gauge	6H	6H	6H	6H	6H	6H						
切削锥 Chamfer length	1.5P-2.5P	1.5P-2.5P	1.5P-4P	1.5P-4P	1.5P-3P	1.5P-3P						
涂层 Coating												
油孔型式 Coolant type		 Z  C		 Z  C		 Z  C						
底孔类型 Hole type												



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