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## AHNO MEDICAL INSTRUMENTS 阿诺医疗工具产品册 SAFE - PRECISE - PROFESSIONAL





### 公司介绍

苏州阿诺精密切削技术有限公司于2002年在苏州工业园区成立，依托于近20年在金属精密切削加工领域的丰富经验和专业的技术研发团队，经过七年专注于医疗骨科器械刀具的生产制造及研发的积累，于2018年6月成立苏州阿诺医疗器械有限公司。

阿诺医疗已配置全球最先进的生产制造和检测设备，并建立完善的医疗器械生产加工工艺流程（包括车削、铣削、磨削、热处理、激光打标、喷砂、电抛光及钝化处理等），通过并严格执行ISO13485质量管理体系，运用企业ERP及MES系统建立生产追溯体系，主要提供各式骨科钻头、骨锉、铰刀、丝锥及各类牙科钻头的高端医疗刀具，已服务于世界知名医疗器械制造商。

从2002年成立至今，阿诺一直秉承“安全、精密、专业”的理念，为客户提供专业技术和服务，并获得行业内外客户的认可和好评，阿诺是您前行道路上的高效合作伙伴！

Suzhou Ahno Precision Cutting Tool Technology Co., Ltd. was established in Suzhou industrial park in 2002. AHNO Medical was founded on June 2018 relying on the 20 years' expensive and professional technical R&D teams in the field of metal precision cutting. During the past 7 years, Ahno has dedicated to manufacturing and developing orthopedic cutting tools.

Up to present, Ahno has equipped with the world's most advanced manufacturing & testing equipment, and has built up a sound equipment production with a series of completed process, including but not limited to turning, milling, grinding, heat-treating, laser marking, EP and passivation. Besides, Ahno has also implemented the qualification of ISO 13485 quality management system, together with other management systems (eg. ERP/MES); which are applied for the tracking request of medical cutting tools. Ahno has mainly provided all kinds of orthopedic drill bits, bone files, reamer taps, dental drill bits and other high-end medical tools to provide the service for world-renowned medical device manufacturers.

Since 2002, Ahno has been adhering to the concept of "Safe, Precision, Professional", dedicating to providing professional technology and service for the customers. Ahno has gained a good recognition in the industry with well reputation from customers in all walks. Ahno is your trustworthy and highly efficient partner on your way forward!

# 阿诺医疗 AHNO MEDICAL

## 01 质量体系 QUALITY SYSTEM

阿诺通过并严格执行医疗器械质量管理体系ISO13485。  
Ahno has strictly implemented the medical device quality management system QMS ISO13485.

## 02 追溯性管理 TRACEABILITY MANAGEMENT

阿诺运用K3及MES系统建立生产追溯体系，对物料和产品进行全程生产管理，满足医疗器械产品的追溯性要求。  
Ahno has established production traceability management system through K3 and MES to manage the whole material and products process, and meet the medical device traceability requirement.

## 03 技术支持 TECHNICAL SUPPORT

20年金属精密切削刀具的技术和经验积累，资深刀具研发团队，为客户提供专业的医疗工具设计的技术支持。  
With 20 years' accumulated technical and experience in metal precision tool and the senior tooling R&D team, Ahno has provided the professional medical instruments designs and technical support to customers.

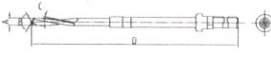
## 04 完美售后 EXCELLENT AFTER-SALES SERVICE

根据客户需求，配合客户产品的升级协同研发。  
Cooperate with customers in upgrading products and R&D according to customers' requirements.



骨钻 Drill



规格 Specification				参考图 Reference Drawing
A	B	C	D	
D1.1 ~D20	90° ~140°	15° ~30°	-	

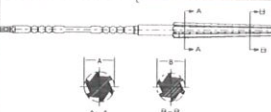
空心钻 Cannulated Drill



规格 Specification				参考图 Reference Drawing
A	B	C	D	
80° ~140°	D1.7 ~D20	30 ~350	D1.0 ~D10	


铰刀 Reamer



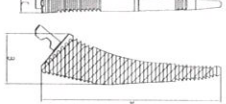
规格 Specification				参考图 Reference Drawing
A	B	C	D	
D5 ~D25	D5 ~D25	80 ~350	-	

\*注(NOTE): 1.各尺寸均可非标定制  
Products can be customized  
2.可选涂层种类: DLC/TIN/TIAIN  
Available coatings: DLC/TIN/TIAIN

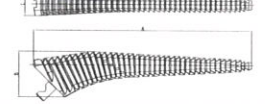
骨锉(环齿)Broach

规格 Specification			参考图 Reference Drawing
A	B	C	
90 ~200	30 ~80	10 ~50	

骨锉(环齿+斜齿) Broach

规格 Specification			参考图 Reference Drawing
A	B	C	
90 ~200	30 ~80	10 ~50	

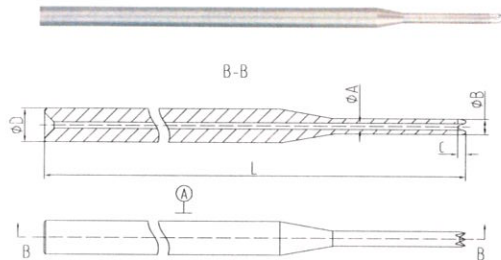
骨锉(扇形) Broach

规格 Specification			参考图 Reference Drawing
A	B	C	
90 ~200	30 ~80	10 ~50	

\*注(NOTE): 1.各尺寸均可非标定制  
Products can be customized  
2.可选涂层种类: DLC/TIN/TIAIN  
Available coatings: DLC/TIN/TIAIN

套筒 Tube

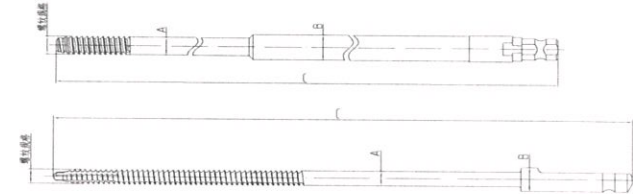
规格 Specification	齿型 Teeth Type			尺寸 Size				
	圆齿 Circular	3尖 Three Points	4尖 Four Points	L	A	B	C	D
1.0x200	■			200	1.0	3	/	8
		■		200	1.0	3	/	8
			■	200	1.0	3	1.8	8
1.5x200	■			200	1.5	3	/	8
		■		200	1.5	3	/	8
			■	200	1.5	3	1.8	8
1.8x200	■			200	1.8	3	/	8
		■		200	1.8	3	/	8
			■	200	1.8	3	1.8	8
2.5x200	■			200	2.5	4.3	/	8
		■		200	2.5	4.3	/	8
			■	200	2.5	4.3	1.8	8
3.0x200	■			200	3.0	4.3	/	8
		■		200	3.0	4.3	/	8
			■	200	3.0	4.3	2.7	8
3.5x200	■			200	3.5	4.8	/	8
		■		200	3.5	4.8	/	8
			■	200	3.5	4.8	2.9	8



\*注(NOTE) : 1.各尺寸均可非标定制  
Products can be customized  
2.可选涂层种类 : DLC/TIN/TIAIN  
Available coatings: DLC/TIN/TIAIN

丝攻 Tapping

规格 Specification		
A	B	C
D3~D8	D5~D10	80~360



\*注(NOTE) : 1.各尺寸均可非标定制  
Products can be customized  
2.可选涂层种类 : DLC/TIN/TIAIN  
Available coatings: DLC/TIN/TIAIN

先锋钻 Pilot Drill



规格 Specification				参考图 Reference Drawing
A	B	C	D	
D1.5 ~D6	80° ~140°	15° ~30°	30 ~80	

扩孔钻 Expanding Drill



规格 Specification				参考图 Reference Drawing
A	B	C	D	
D2.0 ~D6.0	80° ~140°	D2.0 ~D6.0	30 ~80	

球头定位钻 Round Locating Bur



规格 Specification				参考图 Reference Drawing
A	B	C	D	
D1.5 ~D5.0	30 ~80	-	-	

\* 注(NOTE) : 1.各尺寸均可非标定制  
Products can be customized  
2.可选涂层种类 : DLC/TIN/TIAIN  
Available coatings: DLC/TIN/TIAIN

成型钻 Molding Drill



规格 Specification				参考图 Reference Drawing
A	B	C	D	
微锥成型钻 Microcone Drill				
D2 ~D6	D2 ~D6	80° ~140°	30 ~80	
圆柱成型钻 Cylindrical Drill				
D1.5 ~D6.0	80° ~140°	30 ~80	15° ~30°	

攻丝钻 Tapping Drill



规格 Specification				参考图 Reference Drawing
A	B	C	D	
D2 ~D6	D2 ~D6	30 ~80	-	

埋头钻 Countersink Drill



规格 Specification				参考图 Reference Drawing
A	B	C	D	
D2 ~D6	D2 ~D6	25 ~80	-	

\* 注(NOTE) : 1.各尺寸均可非标定制  
Products can be customized  
2.可选涂层种类 : DLC/TIN/TIAIN  
Available coatings: DLC/TIN/TIAIN

### 生产设备

Manufacturing Equipments



数控车床  
CNC Lathe



五轴磨床  
5-axis Grinding



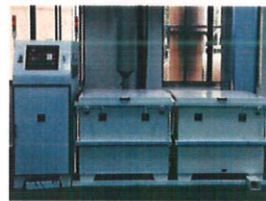
加工中心  
Machining Center



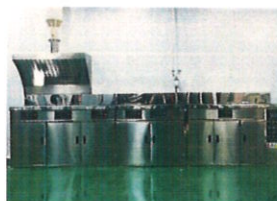
激光打标机  
Laser Marking Machine



纯化水设备  
Pure Water Equipment



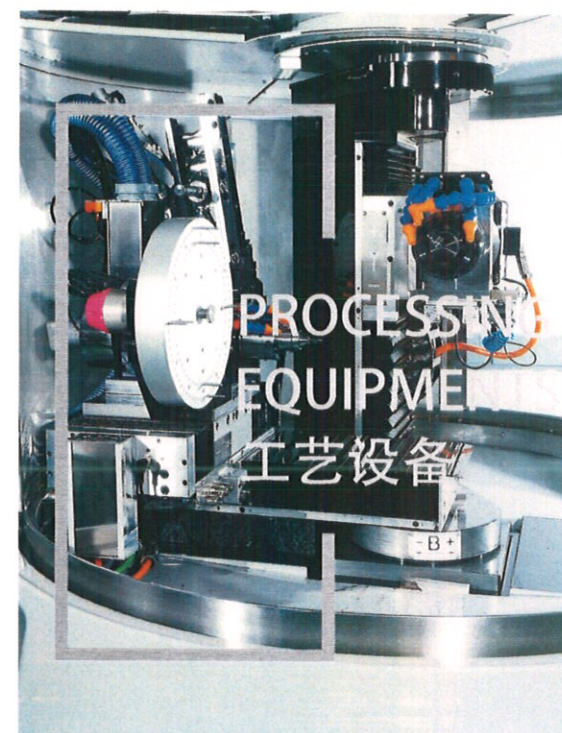
电抛光设备  
Electro Polishing Machine



钝化设备  
Passivation Machine



清洗线  
Cleaning Line



### 检测设备

Measuring Equipments



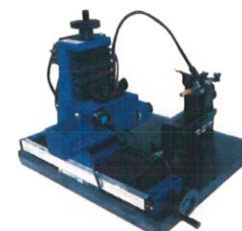
投影仪  
Profile Projector



刀具测量仪  
Tool Measuring Instrument



硬度计  
Hardness Tester



刀具测量仪  
Tool Measuring Instrument



三坐标测量仪  
Coordinate Measuring Machine

### 非标定制骨科工具 OEM Orthopaedic Instruments



### 非标定制牙科工具 OEM Dental Instruments

