

AHNO 阿诺
Cutting Tool Technology

阿诺医疗

AHNO MEDICAL

产品服务手册
PRODUCT MANUAL

AHNO MEDICAL

安全·精密·专业
SAFE · PRECISE · PROFESSIONAL

苏州阿诺医疗器械有限公司
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苏州阿诺医疗器械有限公司
SUZHOU AHNO MEDICAL DEVICES CO., LTD



企业理念

CORE VALUE

安全
SAFE

精密
PRECISE

专业
PROFESSIONAL

企业愿景

VISION

致力于成为全球医疗器械领域的首选合作伙伴
TO BE THE FIRST-CHOICE PARTNER FOR GLOBAL MEDICAL INSTRUMENTS.

AHNO 阿诺
Cutting Tool Technology

| 目录

CONTENTS

| | | |
|-----------|---|--------------|
| 01 | 公司介绍 CORPORATE PROFILES | 02-03 |
| 02 | 骨科工具 ORTHOPEDIC INSTRUMENTS | 04-18 |
| 03 | 牙科工具 DENTAL INSTRUMENTS | 19-28 |
| 04 | 神经外科工具 NEUROSURGERY INSTRUMENTS | 29-30 |
| 05 | 工艺设备 PROCESS EQUIPMENTS | 31-33 |

公司介绍

CORPORATE PROFILES

阿诺医疗是由阿诺集团成立的专注于医疗骨科、牙科器械工具研发及生产制造的子公司。

依托于阿诺在金属精密切削和加工领域二十年的丰富经验及专业团队，阿诺医疗已拥有数十台全球先进的生产和检测设备，和完善的加工工艺流程（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）。严格落实 ISO13485 质量管理体系，使阿诺医疗在各式骨科及牙科钻头、骨锉、铰刀、丝锥等高端医疗器械行业不断提高市场占比。

阿诺医疗成立至今，一直秉承“安全、精密、专业”的理念，凭借专业技术和服务，可提供从产品研发注册到成品量产整体解决方案。我们致力于成为全球医疗器械领域的首选合作伙伴！

Ahno Medical is a subsidiary company established by Ahno Group focusing on the R&D and manufacturing of orthopedic and dental instruments and cutting tools.

Based on our 20 years of experience and professional team in the field of metal precision cutting and processing, we have dozens of global advanced production and testing equipment, as well as perfect processing process (including turning, milling, grinding, heat treatment, laser marking, sand blasting, EP and passivation etc.). Strict implementation of ISO13485 quality management system makes Ahno Medical continuously improve the market share in all kinds of orthopedics and dental drill bits, broaches, reamers, taps and other high-end medical equipment industry.

Since its establishment, Ahno Medical has been adhering to the concept of "safe, precise, professional". With professional technology and services, we can provide overall solutions from product research and development registration to finished product mass production. We are committed to becoming the first-choice partner for global medical instruments!

ISO13485 质量管理体系



阿诺医疗

AHNO MEDICAL

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 ISO13485.

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.

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.

完美售后

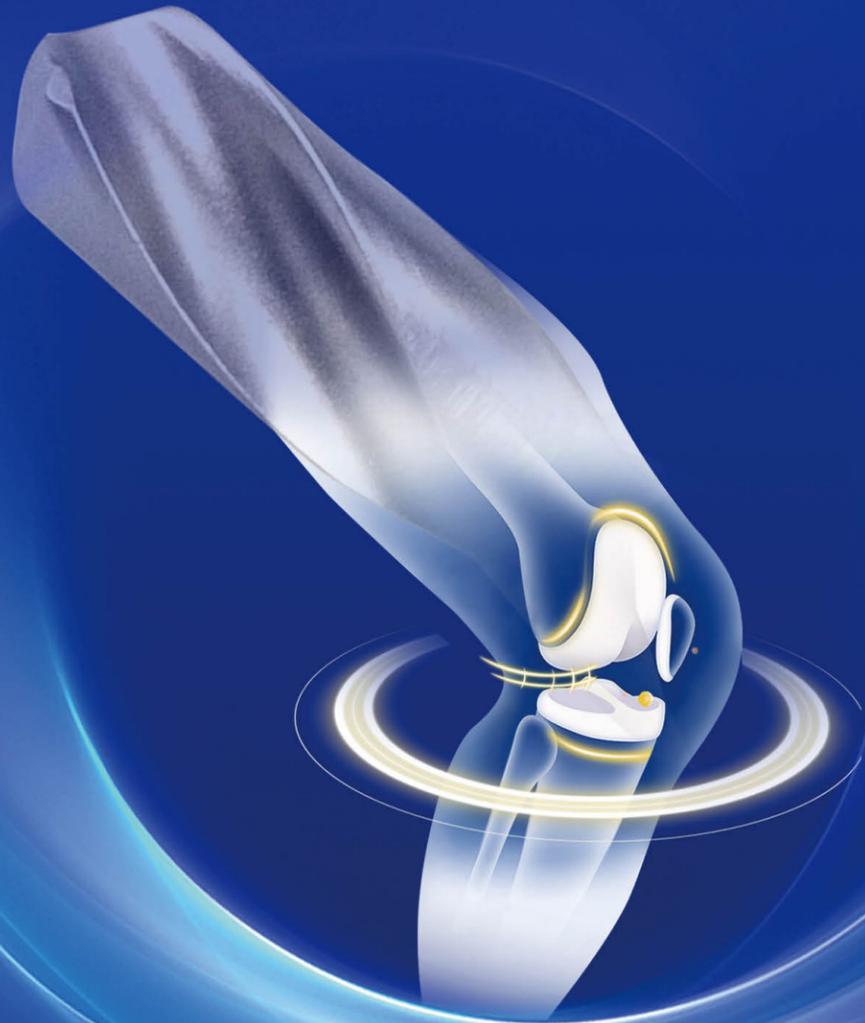
EXCELLENT AFTER-SALES SERVICE

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.



ORTHOPEDIC INSTRUMENTS

骨科工具 >>>



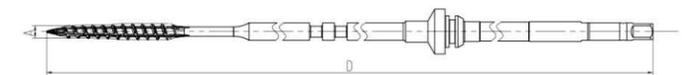
丝攻 Tap



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D5~D15 | - | - | 30~350 |

参考图 Reference Drawing



丝攻 Tap



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D5~D15 | - | - | 30~350 |

参考图 Reference Drawing



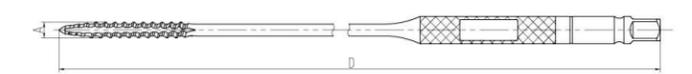
丝攻 Tap



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D5~D15 | - | - | 30~350 |

参考图 Reference Drawing



注：各尺寸均可非标定制
Note: All sizes can be customized

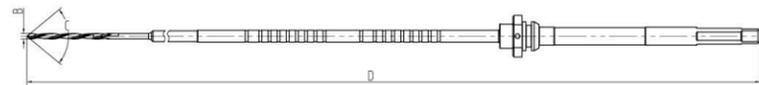
骨钻 Drill



规格 Specification

| A | B | C | D |
|----------|---|----------|--------|
| D1.1~D20 | - | 90°~140° | 30~350 |

参考图 Reference Drawing



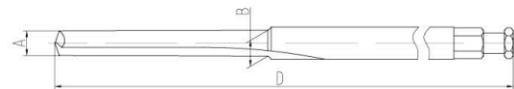
骨钻 Drill



规格 Specification

| A | B | C | D |
|-------|-------|---|--------|
| D2~D6 | D2~D6 | - | 30~350 |

参考图 Reference Drawing



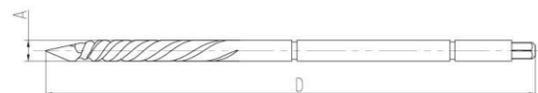
骨钻 Drill



规格 Specification

| A | B | C | D |
|----------|---|---|--------|
| D1.1~D20 | - | - | 30~350 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

骨钻 Drill



规格 Specification

| A | B | C | D |
|----------|----------|---|--------|
| D1.1~D20 | D1.1~D20 | - | 30~350 |

参考图 Reference Drawing



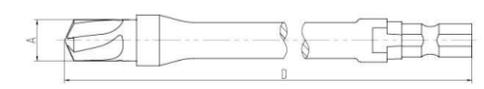
骨钻 Drill



规格 Specification

| A | B | C | D |
|----------|---|---|--------|
| D1.1~D20 | - | - | 30~350 |

参考图 Reference Drawing



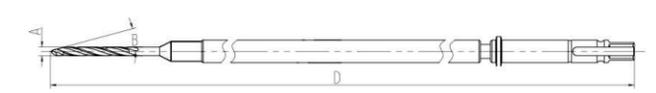
骨钻 Drill



规格 Specification

| A | B | C | D |
|----------|--------|---|--------|
| D1.1~D20 | 3°~20° | - | 30~350 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

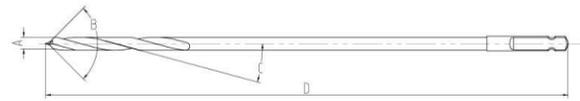
骨钻 Drill



规格 Specification

| A | B | C | D |
|----------|----------|---------|--------|
| D1.1~D20 | 90°~140° | 15°~30° | 30~350 |

参考图 Reference Drawing



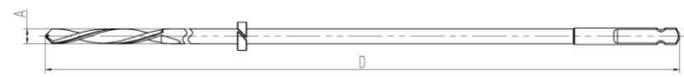
骨钻 Drill



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D1~D20 | - | - | 30~350 |

参考图 Reference Drawing



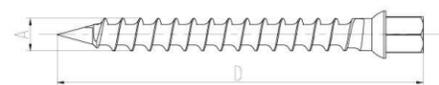
固定钉 Fixation Screw



规格 Specification

| A | B | C | D |
|----------|---|---|--------|
| D1.1~D15 | - | - | 30~100 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

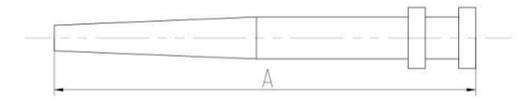
骨钉 Bone Nail



规格 Specification

| A | B | C | D |
|--------|---|---|---|
| 30~100 | - | - | - |

参考图 Reference Drawing



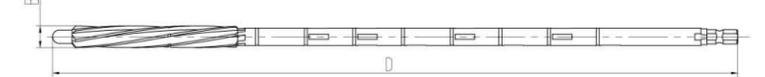
铰刀 Reamer



规格 Specification

| A | B | C | D |
|--------|--------|---|--------|
| 30~350 | D5~D25 | - | 30~350 |

参考图 Reference Drawing



铰刀 Reamer



规格 Specification

| A | B | C | D |
|--------|--------|---|--------|
| D5~D25 | D5~D25 | - | 30~350 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

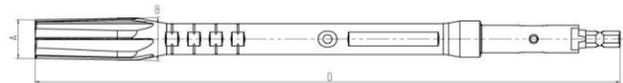
铰刀 Reamer



规格 Specification

| A | B | C | D |
|--------|--------|---|--------|
| D5~D25 | D5~D25 | - | 30~350 |

参考图 Reference Drawing



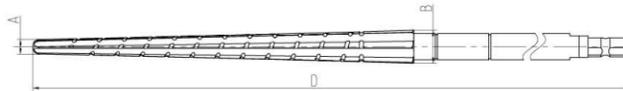
铰刀 Reamer



规格 Specification

| A | B | C | D |
|--------|--------|---|--------|
| D5~D25 | D5~D25 | - | 30~350 |

参考图 Reference Drawing



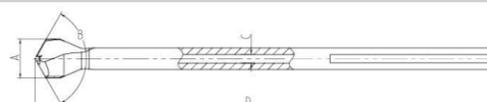
股骨钻 Femoral Drill



规格 Specification

| A | B | C | D |
|--------|----------|--------|--------|
| D2~D20 | 90°~140° | D2~D10 | 30~350 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

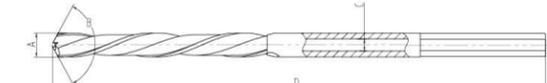
胫骨钻 Tibial Drill



规格 Specification

| A | B | C | D |
|--------|----------|--------|--------|
| D2~D10 | 90°~140° | D2~D10 | 30~350 |

参考图 Reference Drawing



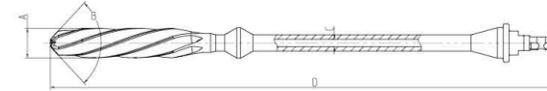
空心铰刀 Cannulated Reamer



规格 Specification

| A | B | C | D |
|--------|----------|--------|--------|
| D5~D25 | 90°~140° | D2~D10 | 30~350 |

参考图 Reference Drawing



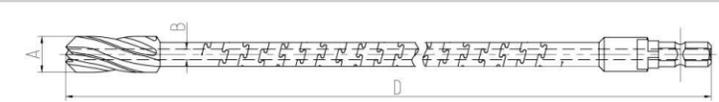
软轴铰刀 Flexible Shaft Reamer



规格 Specification

| A | B | C | D |
|--------|--------|---|--------|
| D1~D20 | D2~D10 | - | 30~350 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

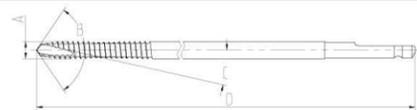
导针 Guide Pin



规格 Specification

| A | B | C | D |
|--------|----------|--------|--------|
| D3~D10 | 90°~140° | 5°~30° | 30~350 |

参考图 Reference Drawing



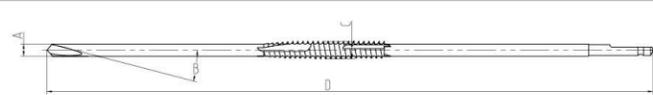
导针 Guide Pin



规格 Specification

| A | B | C | D |
|--------|--------|--------|--------|
| D3~D15 | 5°~30° | D3~D15 | 30~350 |

参考图 Reference Drawing



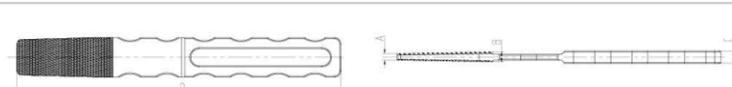
板锉 Flat Rasp



规格 Specification

| A | B | C | D |
|------|------|------|--------|
| 5~20 | 5~20 | 5~20 | 30~200 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

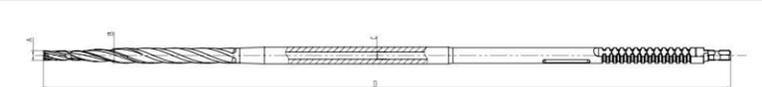
空心阶梯钻 Cannulated Step Drill



规格 Specification

| A | B | C | D |
|--------|--------|--------|--------|
| D1~D20 | D1~D20 | D2~D10 | 30~500 |

参考图 Reference Drawing



空心阶梯钻 Cannulated Step Drill



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D2~D20 | - | - | 30~350 |

参考图 Reference Drawing



克氏针 K Wire



规格 Specification

| A | B | C | D |
|----------|---|---|--------|
| D0.8~D20 | - | - | 30~350 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

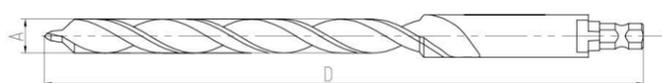
髓腔钻 Medullary Cavity Drill



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D5~D20 | - | - | 30~350 |

参考图 Reference Drawing



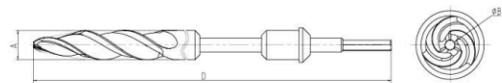
空心钻 Cannulated Drill



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D5-D25 | - | - | 30~350 |

参考图 Reference Drawing



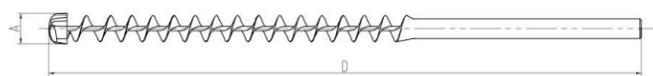
穿刺针 Puncture Needle



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D5~D15 | - | - | 30~350 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

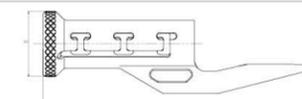
套筒铰刀 Sleeve Reamer



规格 Specification

| A | B | C | D |
|--------|--------|--------|--------|
| D5~D25 | D5~D25 | 30~150 | 30~150 |

参考图 Reference Drawing



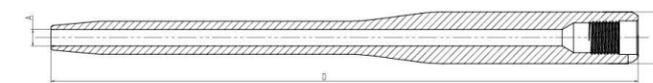
髓内钉 Intramedullary Nail



规格 Specification

| A | B | C | D |
|--------|--------|--------|--------|
| D2~D10 | D5~D25 | 30~350 | 30~350 |

参考图 Reference Drawing



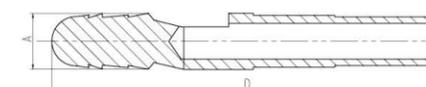
菠萝头 / 西瓜头 Pineapple Head/Watermelon Head



规格 Specification

| A | B | C | D |
|----------|---|---|--------|
| D1.1~D10 | - | - | 30~350 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

套筒 Sleeve



规格 Specification

| A | B | C | D |
|--------|--------|--------|--------|
| D5~D25 | D5~D25 | D5~D25 | 30~350 |

参考图 Reference Drawing



套筒 Sleeve



规格 Specification

| A | B | C | D |
|---|--------|---|--------|
| - | D2~D10 | - | 30~350 |

参考图 Reference Drawing



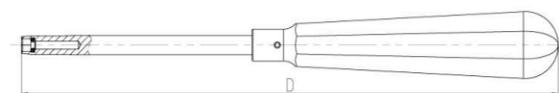
扳手 Wrench



规格 Specification

| A | B | C | D |
|---|---|---|--------|
| - | - | - | 50-150 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

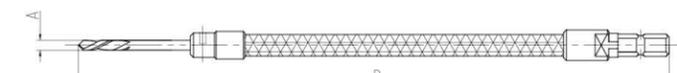
软钻 Flexible Drill



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D1~D20 | - | - | 30~350 |

参考图 Reference Drawing



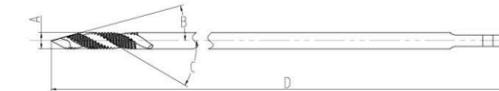
螺纹导针 Thread Guide Pin



规格 Specification

| A | B | C | D |
|--------|-------|---------|--------|
| D2~D15 | 5~30° | 15°~30° | 30~350 |

参考图 Reference Drawing



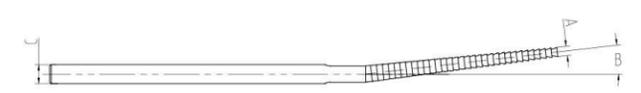
锉刀 File



规格 Specification

| A | B | C | D |
|--------|--------|--------|---|
| D2~D10 | 2°~30° | D3~D15 | - |

参考图 Reference Drawing



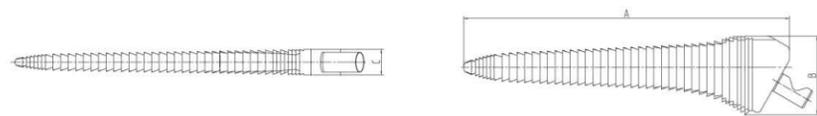
注: 各尺寸均可非标定制
Note: All sizes can be customized

骨锉 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: 各尺寸均可非标定制
Note: All sizes can be customized

DENTAL INSTRUMENTS

牙科工具



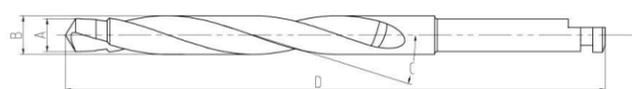
钻头 Drill



规格 Specification

| A | B | C | D |
|-------|-------|----------|-------|
| D2~D6 | D2~D6 | 15° ~30° | 25~80 |

参考图 Reference Drawing



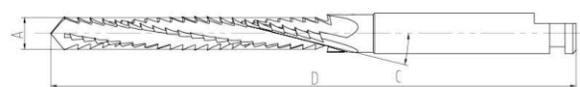
钻头 Drill



规格 Specification

| A | B | C | D |
|-------|-------|----------|-------|
| D2~D6 | D2~D6 | 15° ~30° | 25~80 |

参考图 Reference Drawing



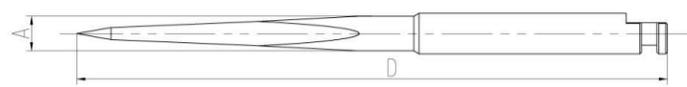
定位钻 Locating Drill



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D6 | - | - | 25~80 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

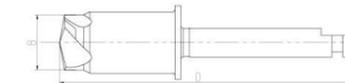
平骨钻 Grinding Drill



规格 Specification

| A | B | C | D |
|---|-------|---|-------|
| - | D2~D6 | - | 25~80 |

参考图 Reference Drawing



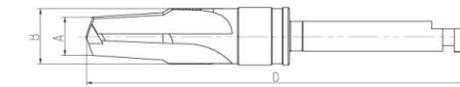
成型钻 Profile Drill



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D6 | - | 25~80 |

参考图 Reference Drawing



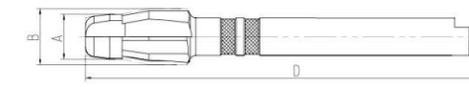
成型钻 Profile Drill



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D6 | - | 25~80 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

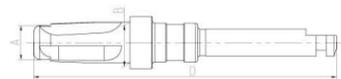
成型钻 Profile Drill



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D6 | - | 25~80 |

参考图 Reference Drawing



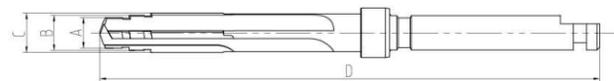
成型钻 Profile Drill



规格 Specification

| A | B | C | D |
|-------|-------|-------|-------|
| D2~D6 | D2~D6 | D2~D6 | 25~80 |

参考图 Reference Drawing



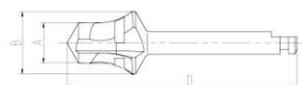
成型钻 Profile Drill



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D8 | - | 25~80 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

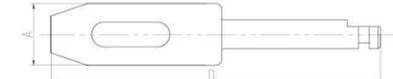
环切刀 Trepine Drill



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D6 | - | - | 25~80 |

参考图 Reference Drawing



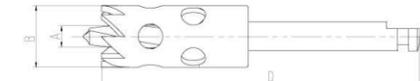
去骨钻 Trepine Drill



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D6 | - | 25~80 |

参考图 Reference Drawing



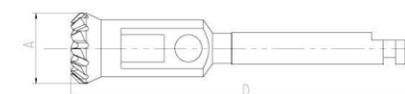
去骨钻 Trepine Drill



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D8 | - | - | 25~80 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

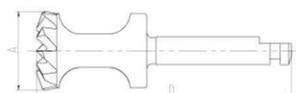
去骨钻 Trepine Drill



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D8 | - | - | 25~80 |

参考图 Reference Drawing



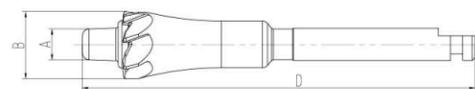
去骨钻 Trepine Drill



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D6 | - | 25~80 |

参考图 Reference Drawing



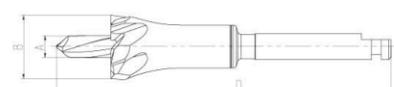
去骨钻 Trepine Drill



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D6 | - | 25~80 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

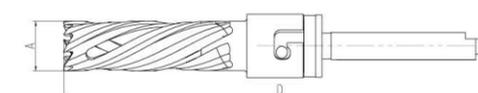
去骨钻 Trepine Drill



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D6 | - | - | 25~80 |

参考图 Reference Drawing



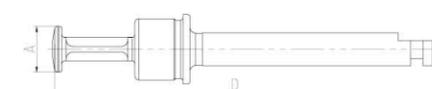
外提升钻 External Lift Drill



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D6 | - | - | 25~80 |

参考图 Reference Drawing



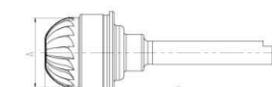
外提升钻 External Lift Drill



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D8 | - | - | 25~80 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

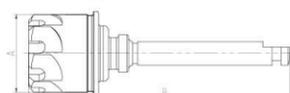
外提升钻 External Lift Drill



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D4~D8 | - | - | 25~80 |

参考图 Reference Drawing



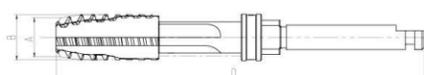
丝锥 Screw Tap



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D6 | - | 25~80 |

参考图 Reference Drawing



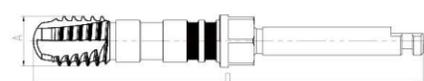
丝锥 Screw Tap



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D6 | - | - | 25~80 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

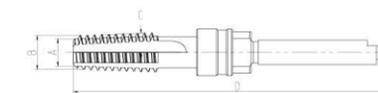
丝锥 Screw Tap



规格 Specification

| A | B | C | D |
|-------|-------|--------|-------|
| D2~D6 | D2~D6 | 1°-10° | 25~80 |

参考图 Reference Drawing



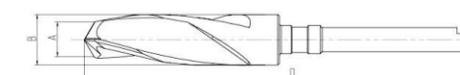
扩孔钻 Expanding Drill



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D6 | - | 25~80 |

参考图 Reference Drawing



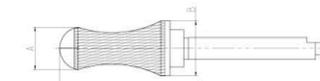
菠萝钻 Pineapple Head Bur



规格 Specification

| A | B | C | D |
|-------|-------|---|-------|
| D2~D6 | D2~D8 | - | 25~80 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

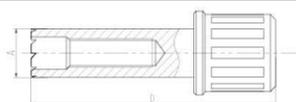
取出器 Extractor



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D5-D8 | - | - | 25~80 |

参考图 Reference Drawing



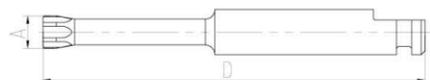
螺丝起 Screw Driver



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D6 | - | - | 25~80 |

参考图 Reference Drawing



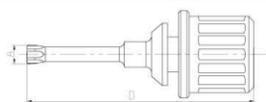
螺丝起 Screw Driver



规格 Specification

| A | B | C | D |
|-------|---|---|-------|
| D2~D6 | - | - | 25~80 |

参考图 Reference Drawing



NEUROSURGERY INSTRUMENTS

《《 神经外科工具



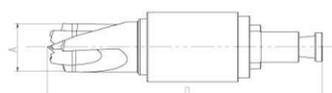
开颅钻 Cranial Drill



规格 Specification

| A | B | C | D |
|--------|---|---|--------|
| D5~D25 | - | - | 30~350 |

参考图 Reference Drawing



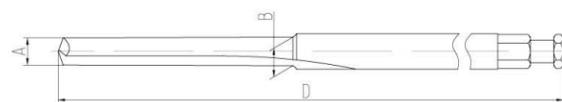
铣刀 Milling Cutter



规格 Specification

| A | B | C | D |
|-------|-------|---|--------|
| D2~D6 | D2~D6 | - | 30~350 |

参考图 Reference Drawing



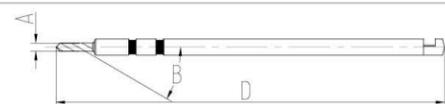
钻头 Drill



规格 Specification

| A | B | C | D |
|-------|---------|---|--------|
| D1~D6 | 15°~30° | - | 30~350 |

参考图 Reference Drawing



注: 各尺寸均可非标定制
Note: All sizes can be customized

PROCESS
EQUIPMENTS

《《 工艺设备

生产设备 PRODUCTION EQUIPMENTS



»» 数控车床
CNC Lathe



»» 加工中心
Machining Center



»» 纯化水设备
Purified Water Equipment



»» 钝化设备
Passivation Line



»» 激光打标机
Laser Marking Machine



»» 电抛光设备
Electro Polishing Line



»» 五轴磨床
5-axis Grinding



»» 超声波清洗线
Ultrasonic Cleaning Line

检测设备 INSPECTION EQUIPMENTS



»» 刀具测量仪
Tool Measuring Instrument



»» 刀具测量仪
Tool Measuring Instrument



»» 硬度计
Hardness Tester



»» 高压灭菌器
Autoclave



»» 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

