

A:加工精度等級:

1. 超高精密型(**AAA**)(精度高可至 $\pm 0.0015\text{mm}$ (1.5um) 的公差) (需批量)
2. 高精密型 (**AA**) (精度高可至 ± 0.005 (5um)的公差) (**常規加工**)
3. 一般精密型加工 (**A**) (精度高可至 $\pm 0.010\text{mm}$ (10um)的公差) (**常規加工**)

A:Process finish grade:

1. Ultra High Precision type (**AAA**) (Tolerance accuracy up to $\pm 0.0015\text{mm}$ (1.5um) need to be mass customized)
2. High Precision (**AA**) (Tolerance accuracy up to ± 0.005 (5um)) (**Conventional Machining**)
3. General precision machining (**A**) (Tolerance accuracy up to $\pm 0.010 \text{ mm}$ (10 um)) (**Conventional Machining**)

B:材料分類:

- 1、鈦及鈦合金系列(可處理成近20種不同的顏色)(常規常備為**A**級料,**AA**級料的需批量定制)
- 2、超高防锈高耐磨、高硬度、高剛性不銹鋼系列(**AA**)(HRC54° $\pm 2^\circ$ 斷面)(**常規常備**)
- 3、超高防锈奧氏體不銹鋼系列(**常規常備**)
- 4、可定制不同顏色的高耐磨PEEK,PPSU等等系列(**常規常備**)

B: Material Classification:

1. Titanium and Titanium alloy series (can be processed with nearly 20 different colors)
 (**A** grade material generally stock, **AA** grade material need to be mass customized)
2. Ultra-high rust-proof, wear-resistant, high-hardness, high-rigidity stainless steel series (**AA**)
 (HRC54° $\pm 2^\circ$ Section) (**generally stock**)
3. Ultra-high rust-resistant austenitic stainless steel (**generally stock**)
4. High wear-resistant PEEK, PPSU and other series of different colors can be customized (**generally stock**)

★ 超高防锈高硬度高耐磨、高剛性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

醫用工具及配件系列(基臺/轉移杆/替代體/愈合帽)

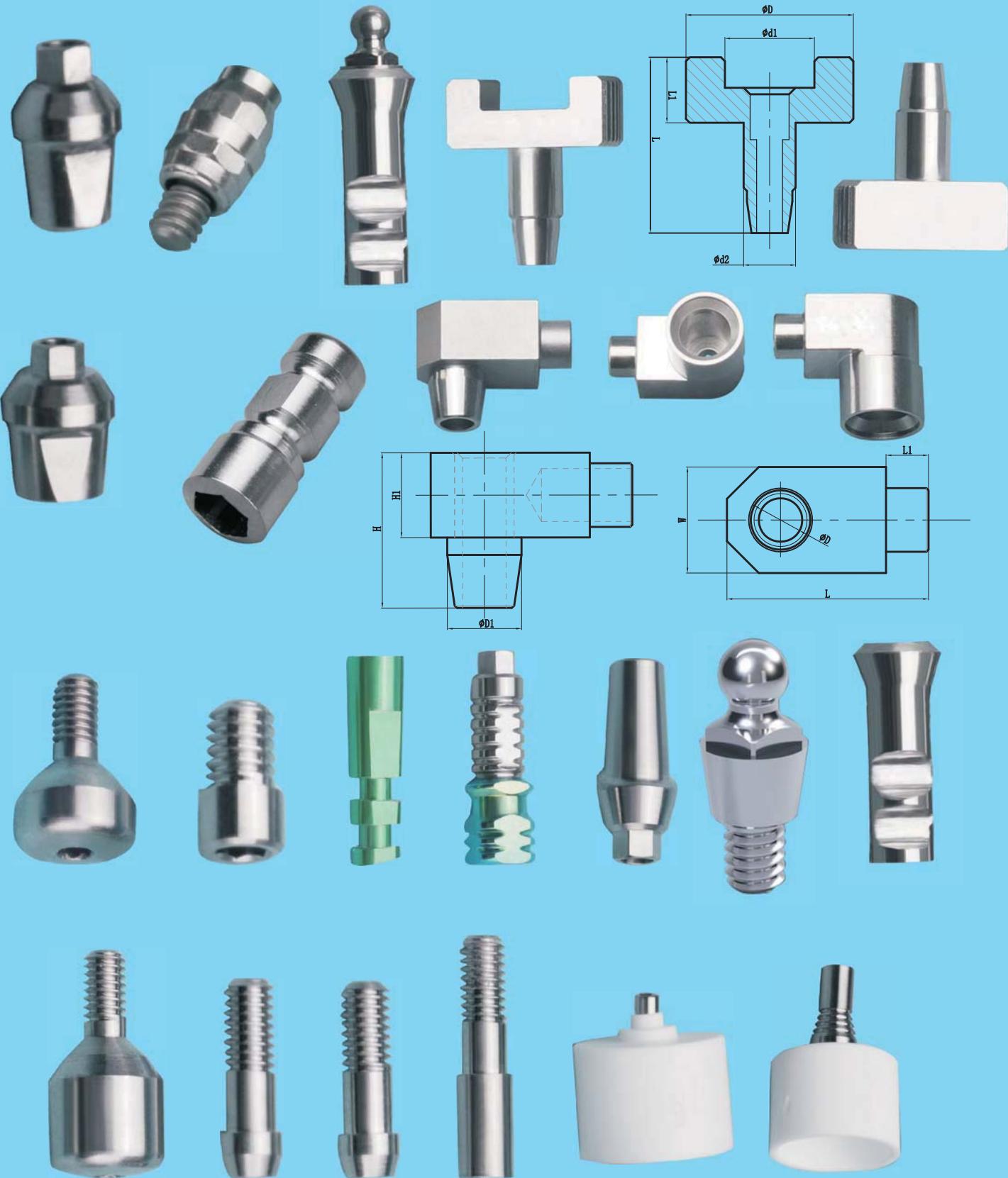
Medical tools and parts series(Abutment/Transfer/Analog
/Healing cap)

医療器具及び部品シリーズ(アバットメント/トランスファー/アナログ/ヒーリングキャップ)

(超高防锈高硬度型&超高精密型&不同材質不同顏色系列)

(ultra-high anti-rust & high-hardness type ultra-high
precision type & different material and color series)

(超高防鏽高硬度型&多材質多色シリーズ)



★ 超高防锈高硬度高耐磨、高剛性、高抗衝擊、高韌性不鏽鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

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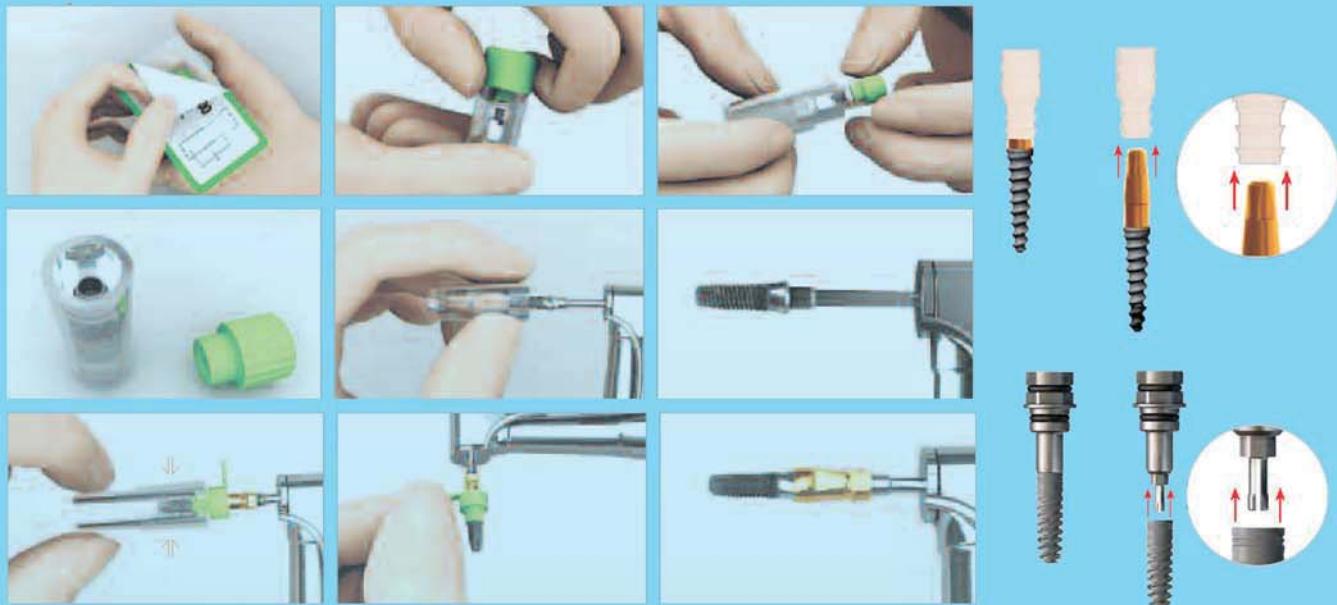
醫用工具及配件系列(基臺/轉移杆/替代體/愈合帽)

Medical tools and parts series(Abutment/Transfer/Analog /Healing cap)

医療器具及び部品シリーズ(アバットメント/トランスファー/アナログ/ヒーリングキャップ)

(超高防銹高硬度型&超高精密型&不同材質不同顏色系列)
(ultra-high anti-rust & high-hardness type ultra-high precision type & different material and color series)

(超高防鏽高硬度型&多材質多色シリーズ)



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醫用工具及配件系列(基臺/轉移杆/替代體/愈合帽/螺絲)
Medical tools and parts series(Abutment/Transfer/Analog
/Healing cap/screw)
医療器具及び部品シリーズ(アバットメント/トランシスファー/アナログ/ヒーリングキャップ/スクリュー)

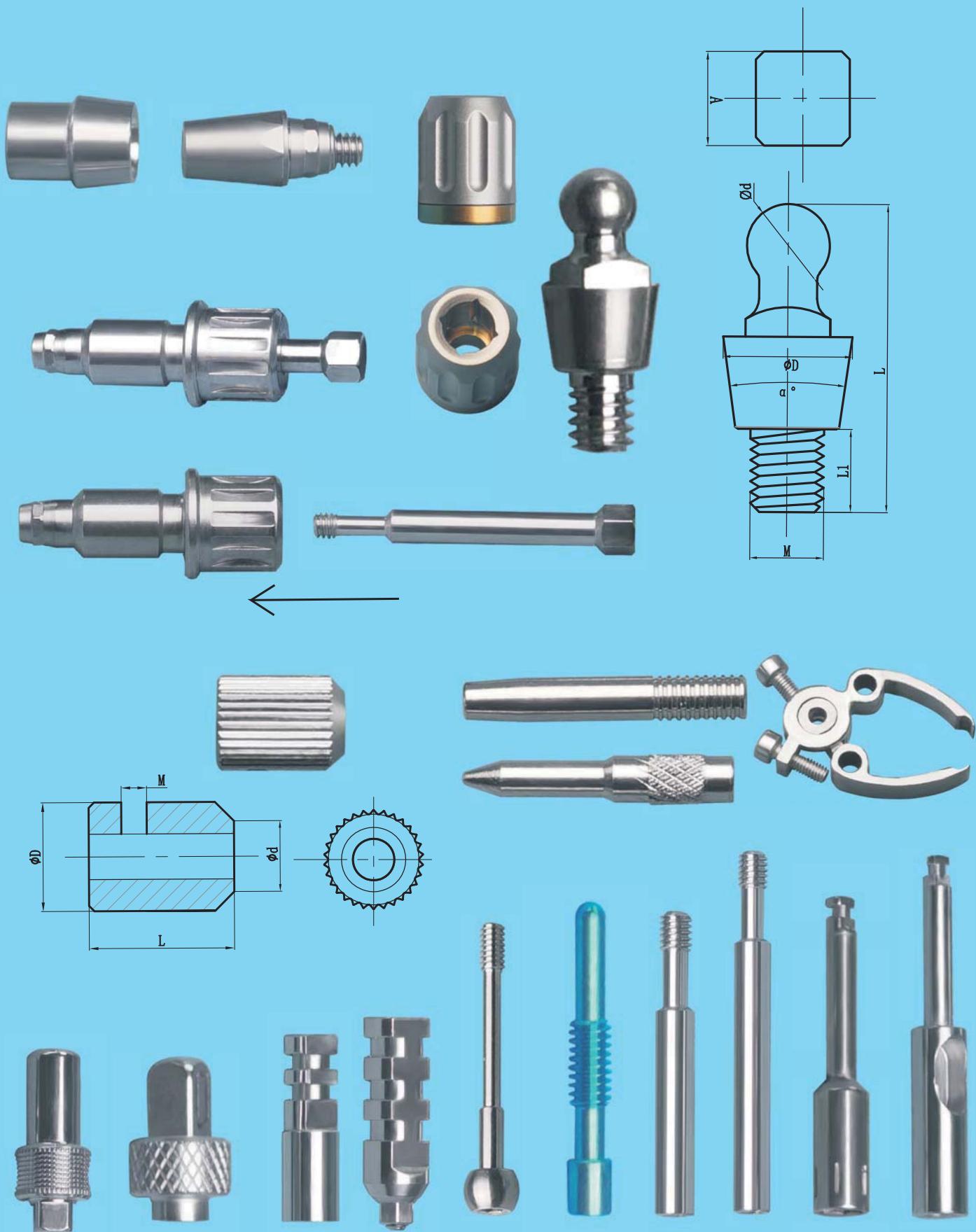
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(ultra-high anti-rust & high-hardness type ultra-high
precision type & different material and color series)
(超高防鏽高硬度型&多材質多色シリーズ)



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Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel,
titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

醫用工具及配件系列(基臺/轉移杆/替代體/愈合帽/螺絲)
 Medical tools and parts series(Abutment/Transfer/Analog
 /Healing cap/screw)
 医療器具及び部品シリーズ(アバットメント/トランシスファー/アナログ/ヒーリングキャップ/スクリュー)

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 Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

醫用工具及配件系列(平行杆/基台/衬套)

Medical tools and parts series(Paralled pin/Abutment/sleeve)

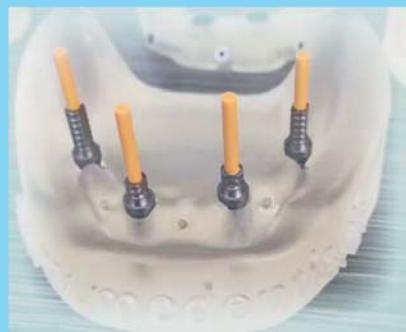
医療器具及び部品シリーズ(パラレルポール/アバットメント/スリーブ)

(超高防锈高硬度型&超高精密型&不同材質不同顏色系列)

(ultra-high anti-rust & high-hardness type ultra-high

precision type & different material and color series)

(超高防鏽高硬度型&多材質多色シリーズ)



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可不同顏色的表面處理、不同形狀結構
 方式的加工、不同尺寸公差的定制

We can customize with different colors
 (surface treatment), shapes, structures
 and size tolerances

(輕受力下,可調節)
 輕受力下,可一鑽分
 多級限位的功能結構

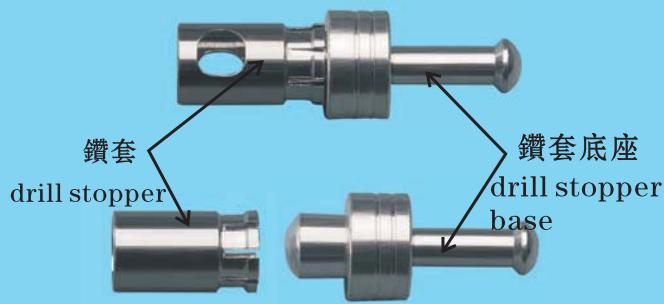
Under light load, one drill
 can be divided into multistage
 limited functional structures



常用顏色:黃色、藍色、紫色、綠色、亮光、亞光等(供參考), (可處理近30種顏色)

Commonly used colors for reference: yellow, blue, purple, green, shiny, matt, etc.
 (It can be processed with nearly 30 kinds of colors)

★ 超高防銹高硬度高耐磨、高剛性、高抗衝擊、高韌性不鏽鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。
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醫用工具及配件系列（鑽套）

Medical tools and parts series(Drill stopper)

医療器具及び部品シリーズ(ドリルヘッドストッパー)

(可不同顏色處理&高精密成型)

(We can make different colors &

high precision shaping)

(多色處理&高精密成型可)

深槽至頂、可堆屑至槽頂。

(可黑色、黃色、全亞光、
全亮光、部分亞光、部分
亮光等表面處理)

Deep groove to top,
chip accumulation to
the crest. (It can be
with black, yellow,
full matt, full shiny,
partial matt + partial
shiny and other
surface treatment)



★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

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醫用工具及配件系列（鑽套）

Medical tools and parts series(Drill stopper)

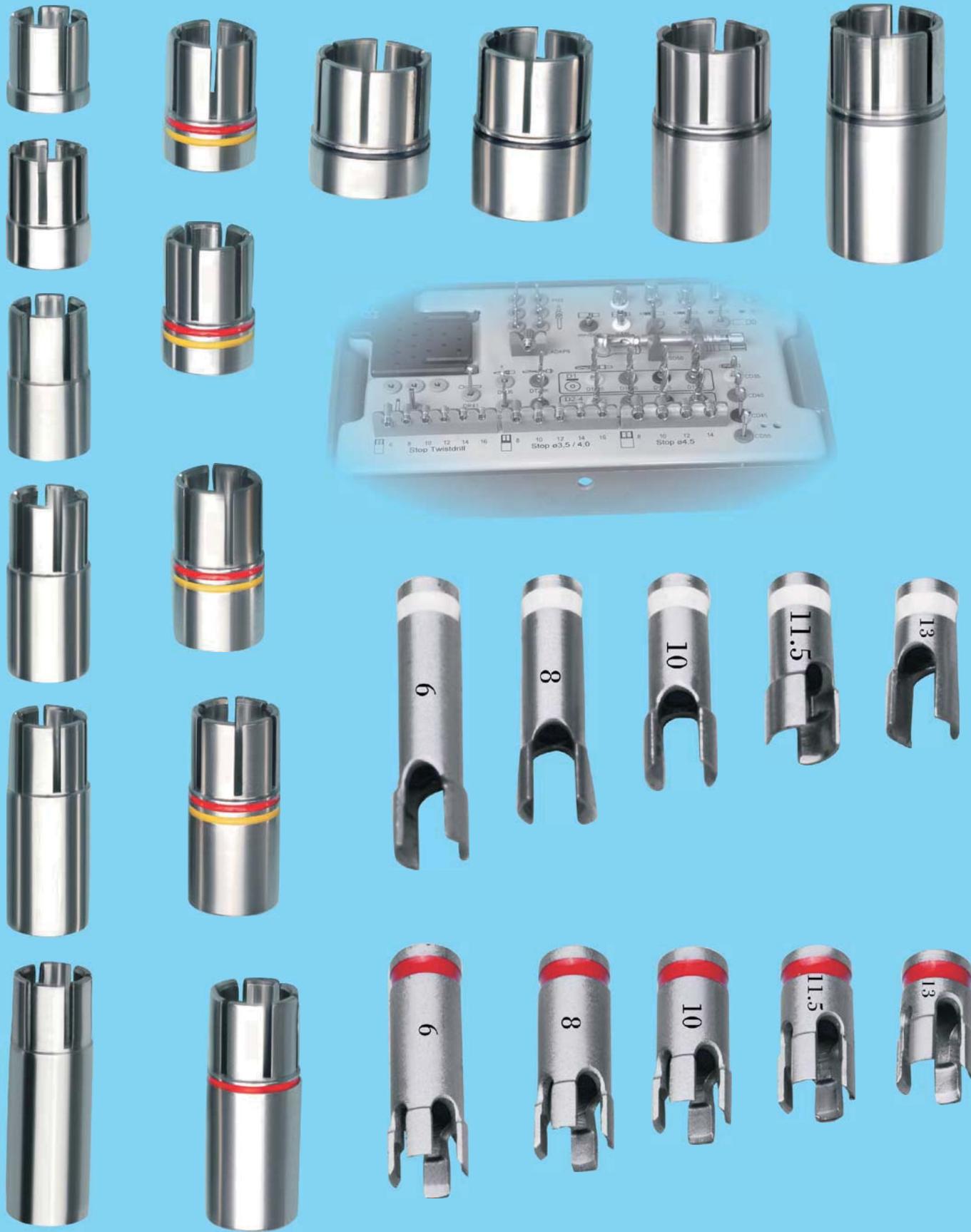
医療器具及び部品シリーズ(ドリルヘッドストッパー)

(可不同顏色處理&高精密成型)

(We can make different colors &

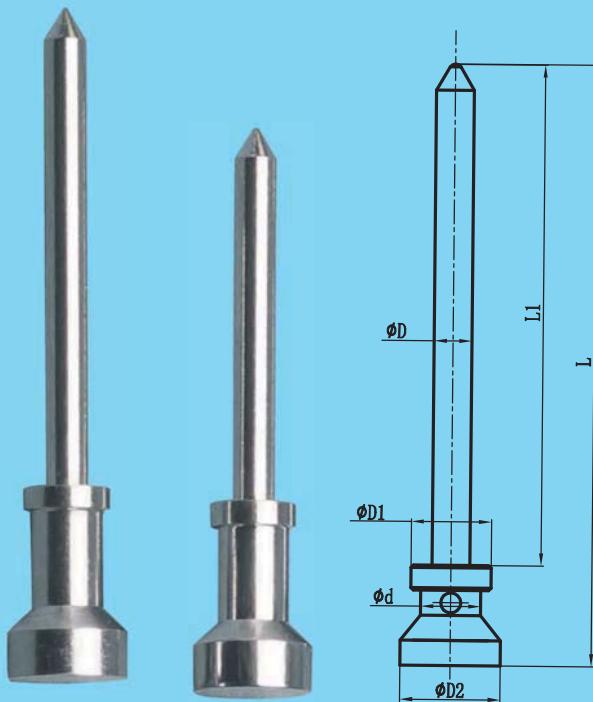
high precision shaping)

(多色處理&高精密成型可)



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部分尺寸: some size

	直徑ΦD Diameter	1.5	1.5	2.0
	直徑ΦD2 Diameter	4.0	4.0	4.0
	長度L1 Length	20	20	20
	總度L Overall Length	24	28	28

材料:

1. 超高防锈不绣钢&钛合金, 常规型, 一般刚性(A)
2. 超高防锈高耐磨、高硬度、高刚性不绣钢系列(HRC54 ± 2° 断面)超高刚性 (AA)

Material:

1. Ultra-high rust-resistant stainless steel & titanium alloy, conventional type with general rigidity (A)
2. Ultra-high rust-proof, wear-resistant, high-hardness, high-rigidity stainless steel series (HRC54 ± 2° Section), ultra-high rigidity (AA)



★ 超高防锈高硬度高耐磨、高刚性、高抗冲击、高韧性不绣钢、钛、钛合金等高精密、超细、超长、超硬加工成型。
 Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

醫用工具及配件系列 (平行杆/測量杆/平行針)

Medical tools and parts series(Parallel pin/Paralleling pin) different colors treatment & complex forming procesing available
医療器具及び部品シリーズ(パラレルポール/測定ポール/パラレルピン) (超高防鏽高硬度高剛性型多色處理&複雜成型加工可)



高防鏽不鏽鋼&超高防鏽高硬度高剛性不鏽鋼&可處理不同顏色之鈦金屬材料，
及不同程度的亞光/亮光處理

High anti-rust stainless steel & Ultra-high rust resistant, high-hardness,
high-rigidity stainless steel & Titanium metal material which can be with
different colors, and different degrees of Matte/Shinny treatment



$\Phi 1.6$



$\Phi 2.05$



$\Phi 1.6$



$\Phi 2.05$



$\Phi 1.6$



$\Phi 1.6$



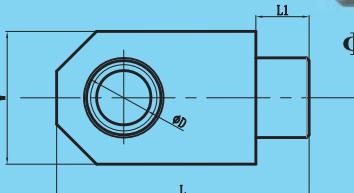
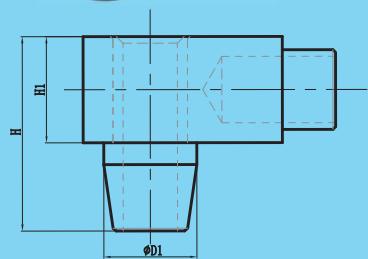
$\Phi 2.0$



$\Phi 1.6$



$\Phi 1.6$



★ 超高防鏽高硬度高耐磨、高剛性、高抗衝擊、高韌性不鏽鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

醫用工具及配件系列 (平行杆/測量杆/平行針)

Medical tools and parts series(Parallel pin/Paralleling pin)

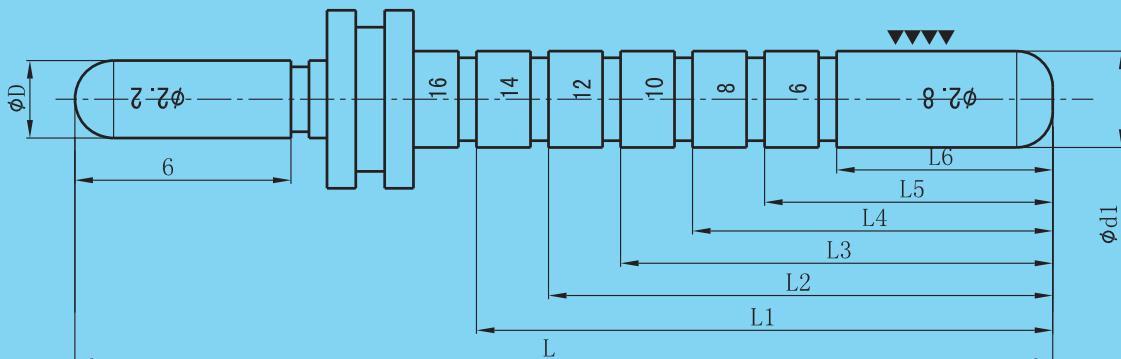
医療器具及び部品シリーズ(パラレルポール/測定ポール/パラレルピン)

(超高防鏽高硬度高剛性型&可不同顏色處理&複雜成型加工)

(ultra-high anti-rust, high-hardness, high-rigidity type&

different colors treatment & complex forming procesing available)

(超高防鏽高硬度高鋼性型多色處理&複雜成型加工可)



可研磨高精度
的分段槽

high-precision
segmented slots
can be ground

高防鏽不鏽鋼&超高防鏽高硬度高剛性不鏽鋼&可處理不同顏色之鈦金屬材料，
及不同程度的亞光/亮光處理

High anti-rust stainless steel & Ultra-high rust resistant, high-hardness,
high-rigidity stainless steel & Titanium metal material which can be with
different colors, and different degrees of Matte/Shinny treatment



★ 超高防鏽高硬度高耐磨、高剛性、高抗衝擊、高韌性不鏽鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

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醫用工具及配件系列（平行杆/測量杆/平行針）

Medical tools and parts series(Parallel pin/Paralleling pin)

医療器具及び部品シリーズ(パラレルポール/測定ポール/パラレルピン)

(超高防鏽高硬度高剛性型&可不同顏色處理&復雜成型加工)

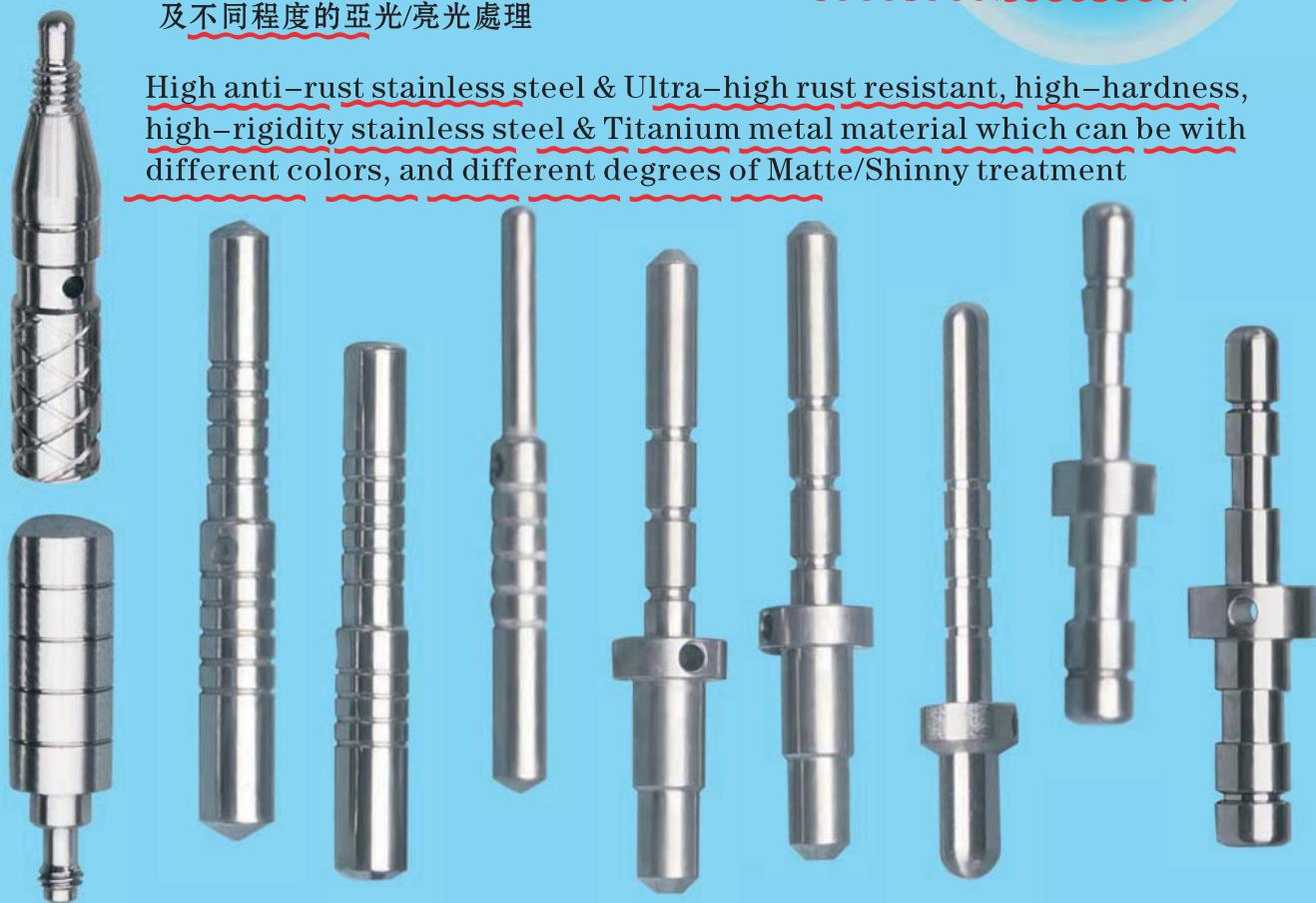
(ultra-high anti-rust, high-hardness, high-rigidity type&

不同顏色處理&複雜成型加工可)



高防鏽不鏽鋼&超高防鏽高硬度高剛性不鏽鋼&可處理不同顏色之鈦金屬材料，
及不同程度的亞光/亮光處理

High anti-rust stainless steel & Ultra-high rust resistant, high-hardness,
high-rigidity stainless steel & Titanium metal material which can be with
different colors, and different degrees of Matte/Shinny treatment



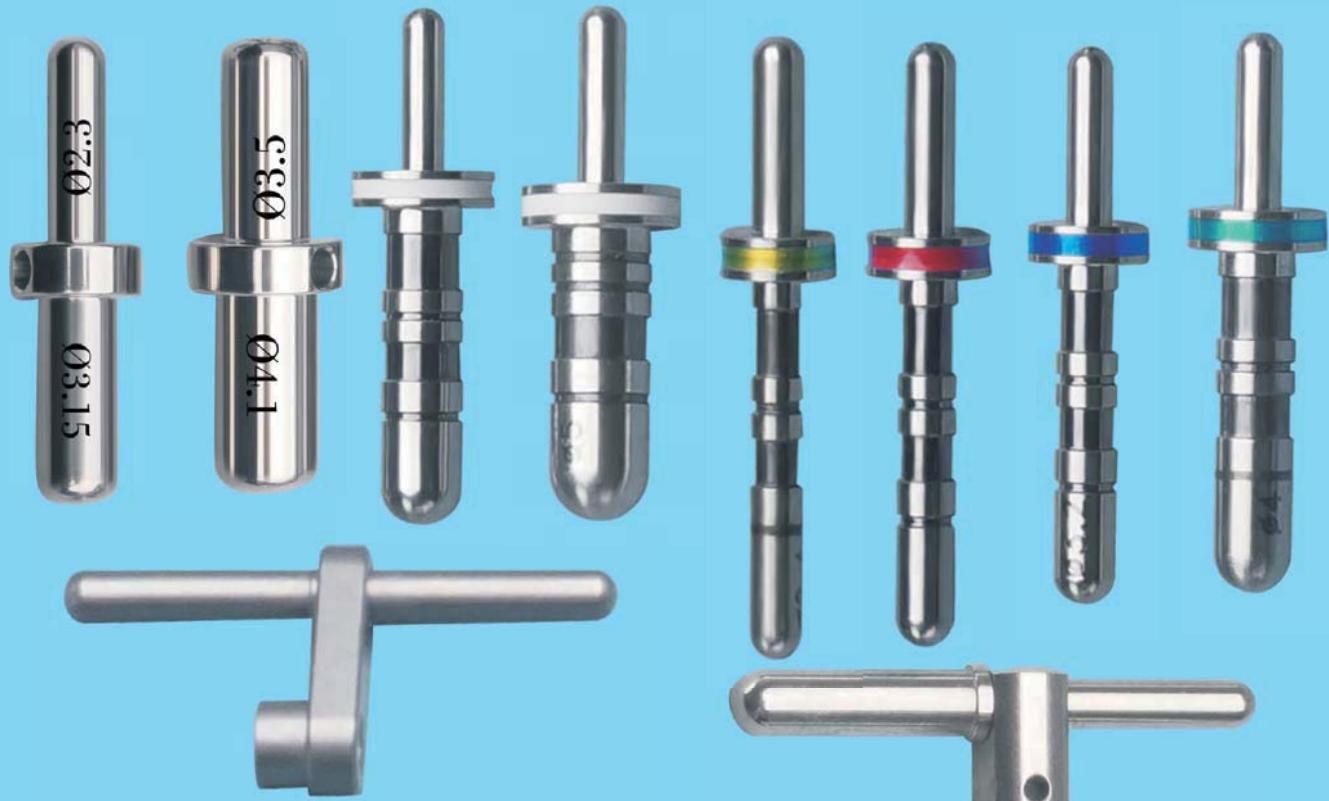
★ 超高防鏽高硬度高耐磨、高剛性、高抗衝擊、高韌性不鏽鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel,
titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

醫用工具及配件系列（平行杆/測量杆/平行針）

（超高防鏽高硬度高剛性型&可不同顏色處理&複雜成型加工）

Medical tools and parts series(Parallel pin/Paralleling pin) different colors treatment & complex forming procesing available
医療器具及び部品シリーズ(パラレルポール/測定ポール/パラレルピン) (超高防鏽高硬度高剛性型多色処理&複雑成型加工可)



高防鏽不銹鋼&超高防鏽高硬度高剛性不銹鋼&
可處理不同顏色之鈦金屬材料，及不同程度的亞光/亮光處理

High anti-rust stainless steel & Ultra-high rust resistant,
high-hardness, high-rigidity stainless steel & Titanium
metal material which can be with different colors,
and different degrees of Matte/Shinny treatment



★ 超高防鏽高硬度高耐磨、高剛性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel,
titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

醫用工具及配件系列（平行杆/測量杆/平行針）

Medical tools and parts series(Parallel pin/Paralleling pin) (ultra-high anti-rust, high-hardness, high-rigidity type& different colors treatment & complex forming procesing available)

医療器具及び部品シリーズ(パラレルポール/測定ポール/パラレルピン) (超高防鏽高硬度高鋼性型多色處理&複雜成型加工可)



高防鏽不鏽鋼&超高防鏽高硬度高剛性不鏽鋼&
可處理不同顏色之鈦金屬材料，及不同程度
的亞光/亮光處理

High anti-rust stainless steel & Ultra-high
rust resistant, high-hardness, high-rigidity
stainless steel & Titanium metal material,
which can be with different colors,
and different degrees of
Matte/Shinny treatment

常規常備0.200mm/0.250mm/0.350mm厚
超高防鏽高硬度不鏽鋼(AA) (HRC52° ± 2°)

Regular stock: 0.200mm/0.250mm/0.350mm thickness
Ultra high anti-rust and high hardness stainless steel (AA)
(HRC52° ± 2°)

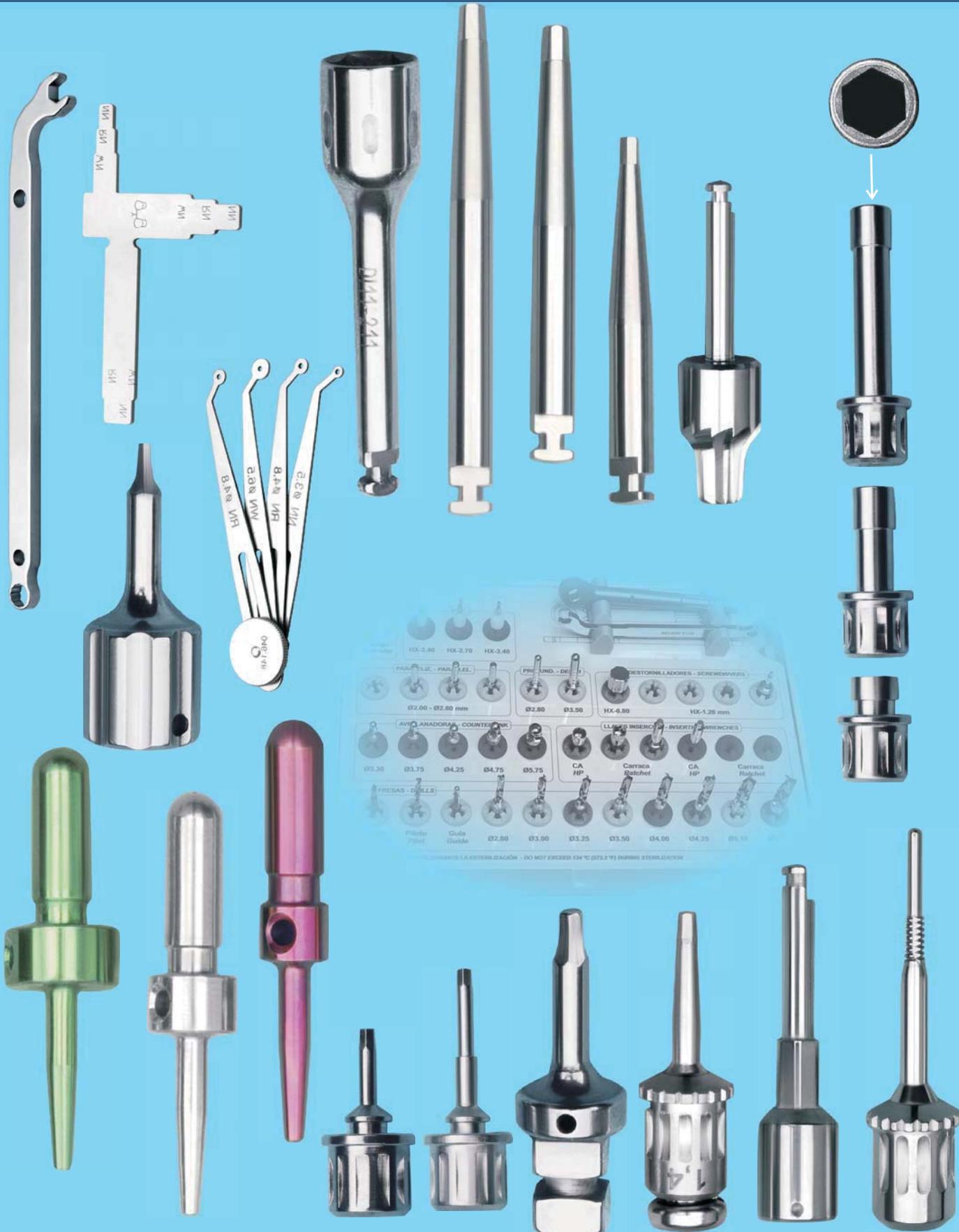


★ 超高防鏽高硬度高耐磨、高剛性、高抗衝擊、高韌性不鏽鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

醫用工具及配件系列（固位針、起子）
 Medical tools and parts series(Driver)
 医療器具及び部品シリーズ(固定ピン、ドライバー)

(超高防鏽高硬度高剛性型&可不同顏色處理&復雜成型加工)
 (ultra-high anti-rust, high-hardness, high-rigidity type&
 different colors treatment & complex forming procesing available)
 (超高防鏽高硬度高鋼性型多色処理&複雑成型加工可)



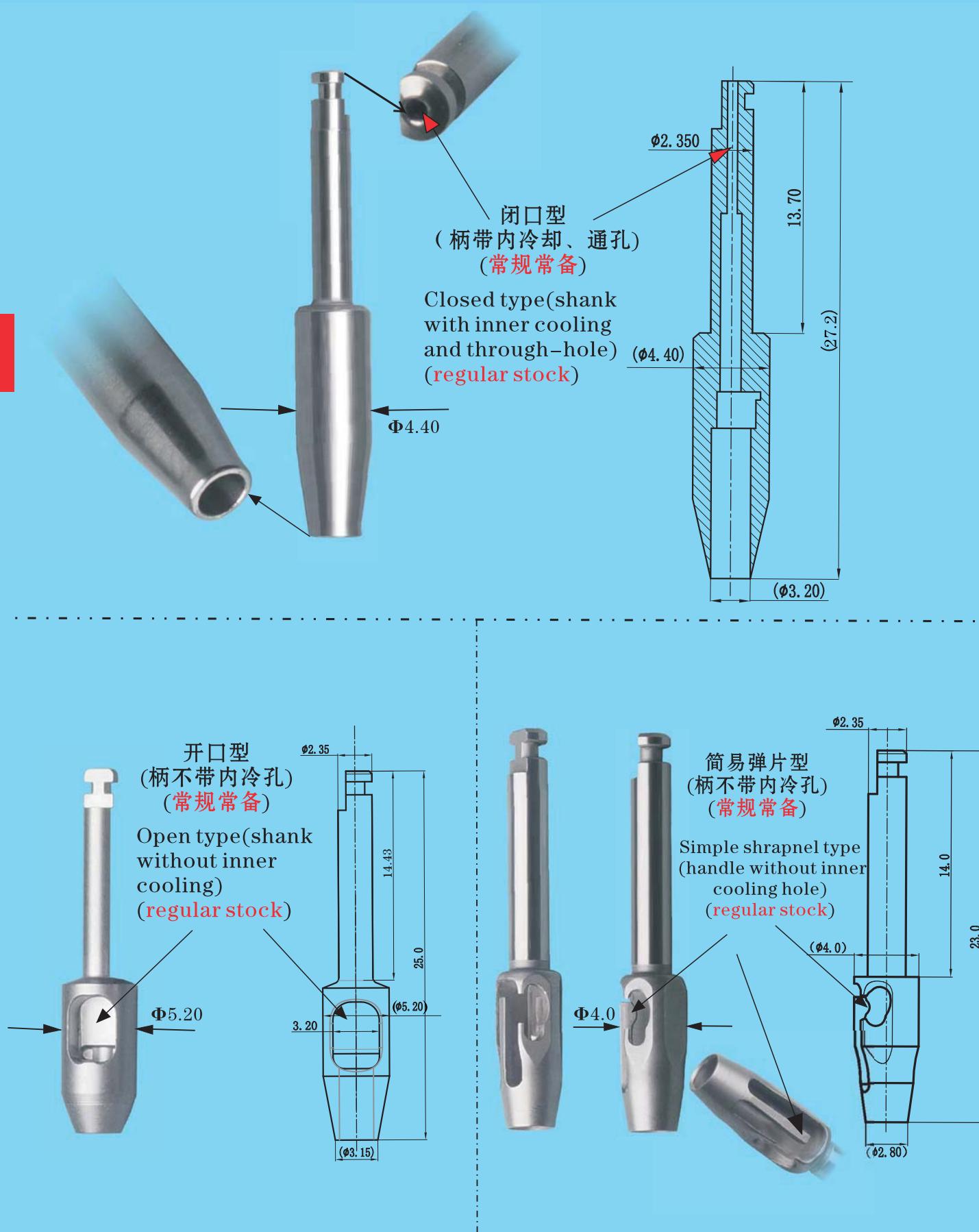
★ 超高防鏽高硬度高耐磨、高剛性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.



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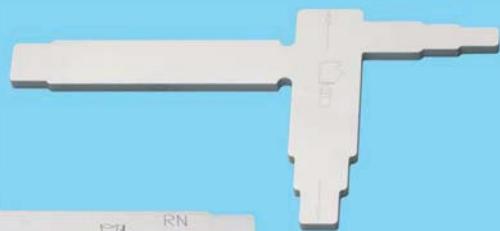
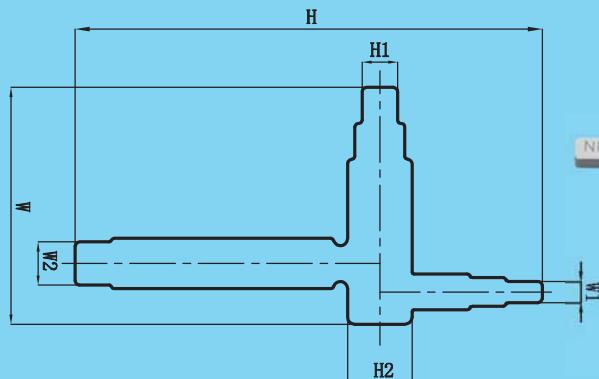
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带弹性的,可批量定制(弹性可大可小)
With elasticity, mass customized (big or small elasticity)



★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。
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陶瓷、鈷鋼、醫用、鈦合金、不銹鋼系列
Ceramic, carbide, medical, Titanium and stainless steel series



常規常備
Regular stock



★依圖依樣尺寸公差要求可生產特殊、複合、異型、超大超微細超長組合成型制品。

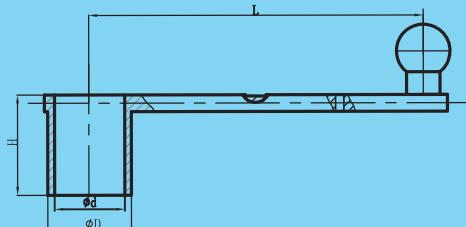
We can produce special, compound, special-shaped, Super large, Super thin, Super long combined forming products according to the requirements of drawings, samples, and size tolerance.

図面、サンプルまたは寸法公差の要求により特殊、複合、異型、超大超小超長の組合せ型シリーズのフライスディスクを生産できる

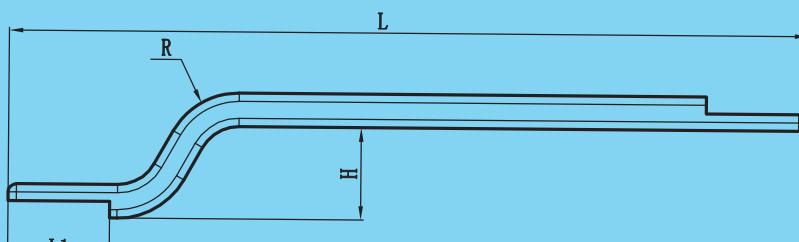
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可依图依样加工任意尺寸、公差、形状的压板及连接器、结构方式等等
 We can produce drill guide, adapter and structure of any size,
 tolerance and shape according to your drawings or samples.



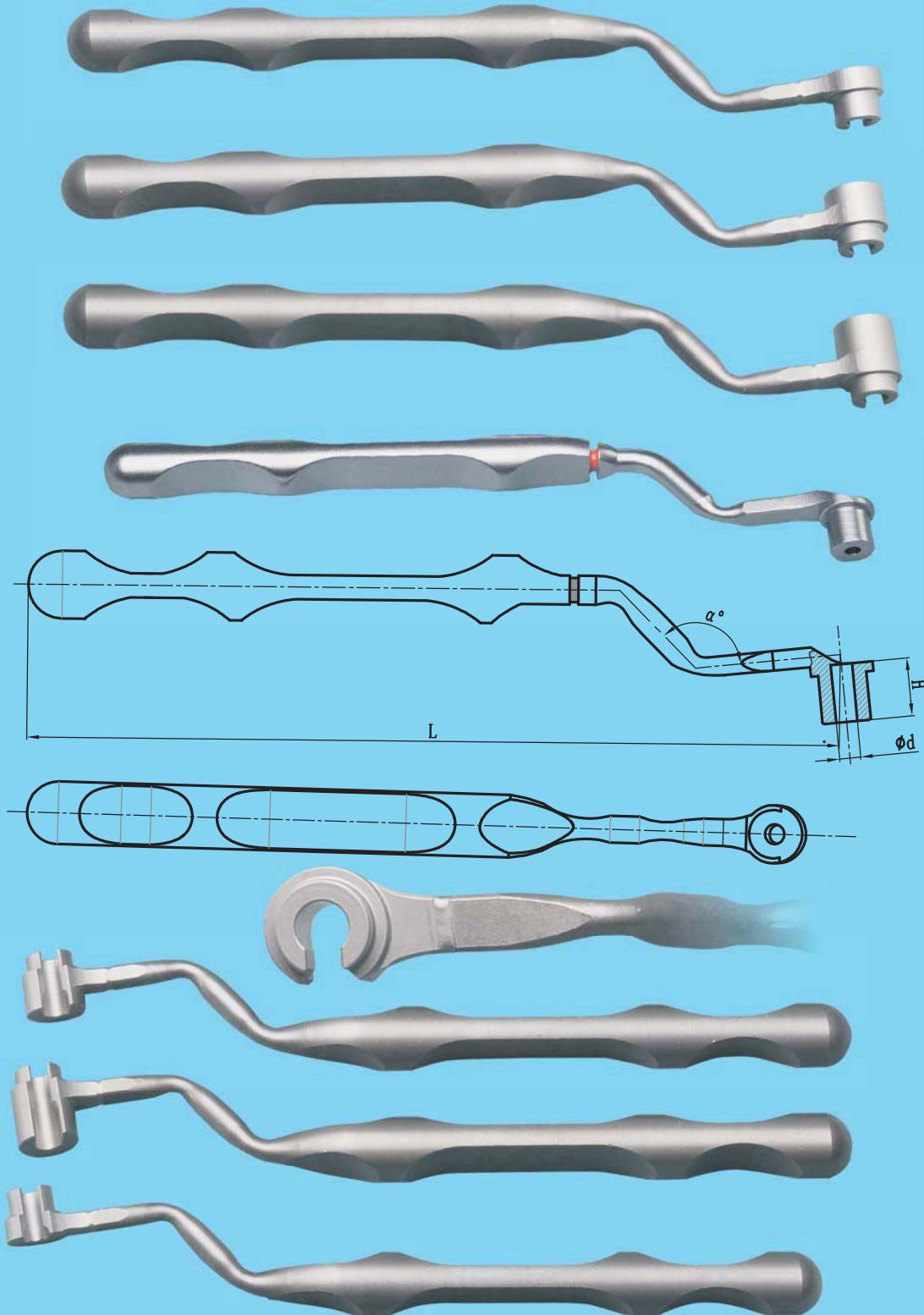
図面またはサンプルに従って、あらゆる寸法、
 公差、形状のガイド及びコネクター、
 構造の加工ができる。



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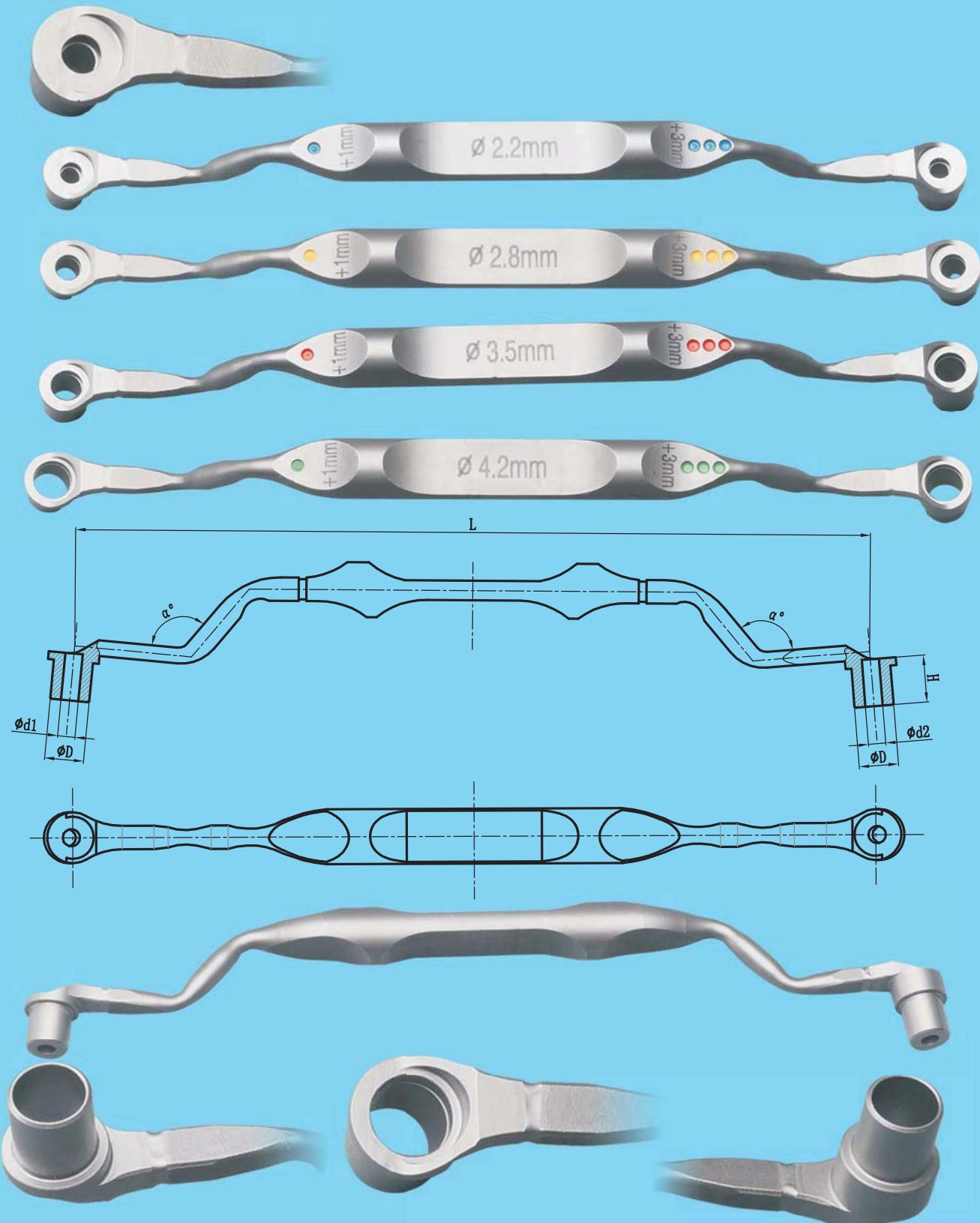
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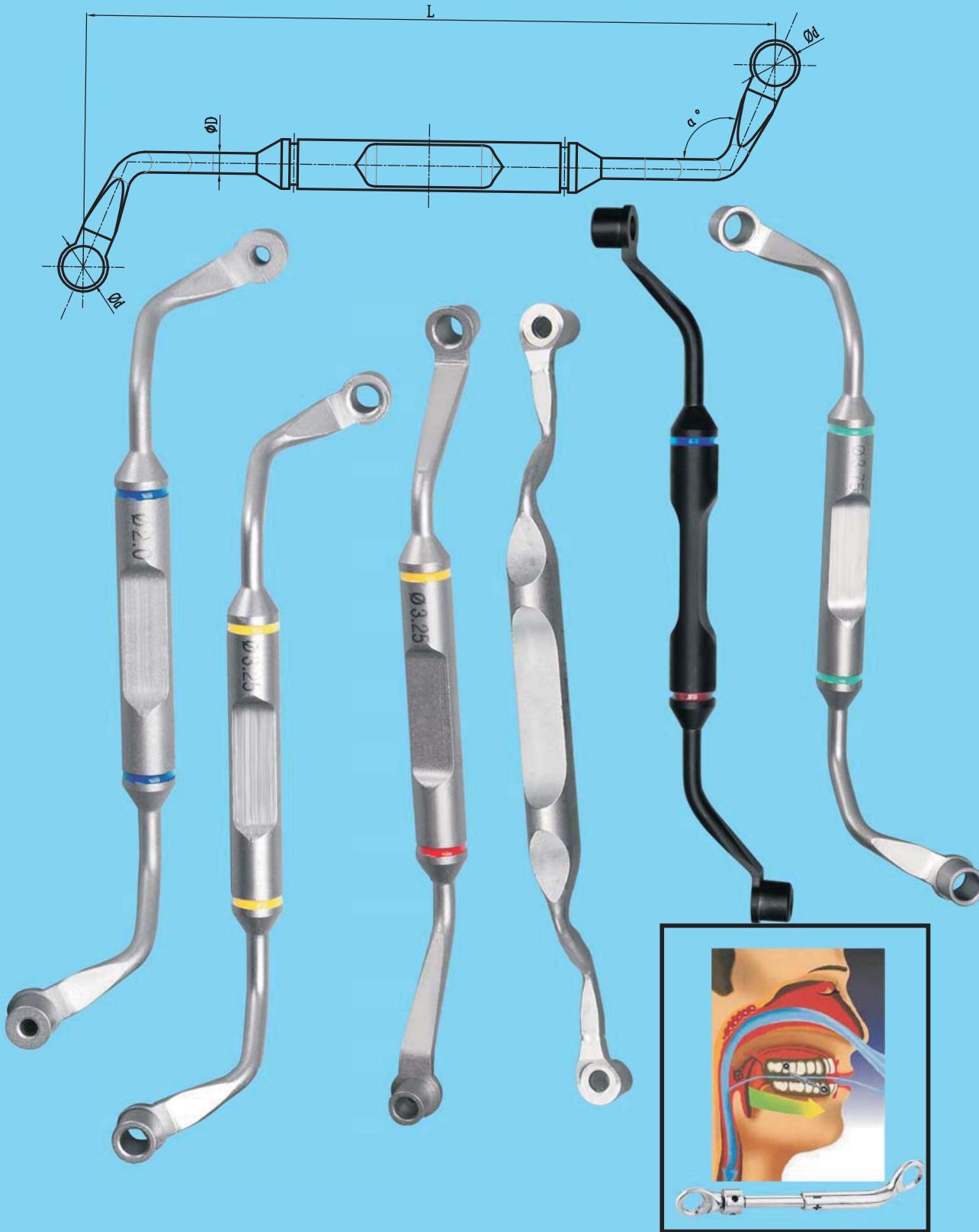
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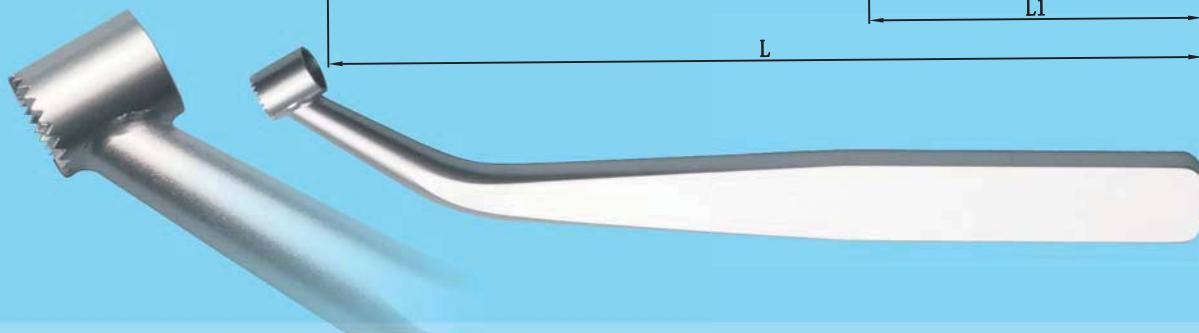
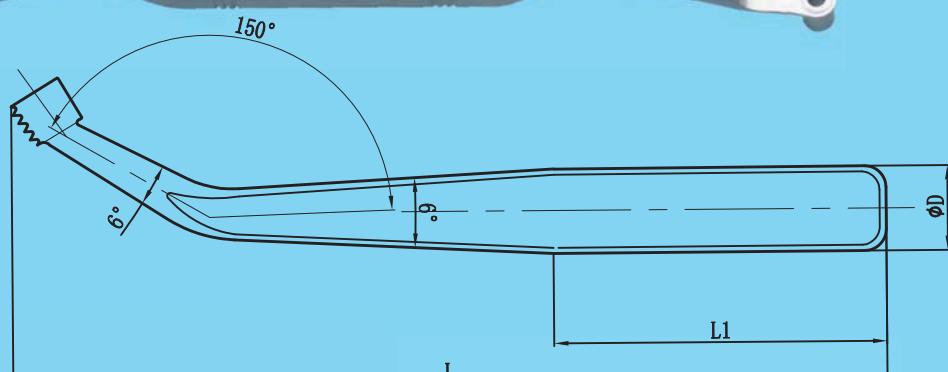
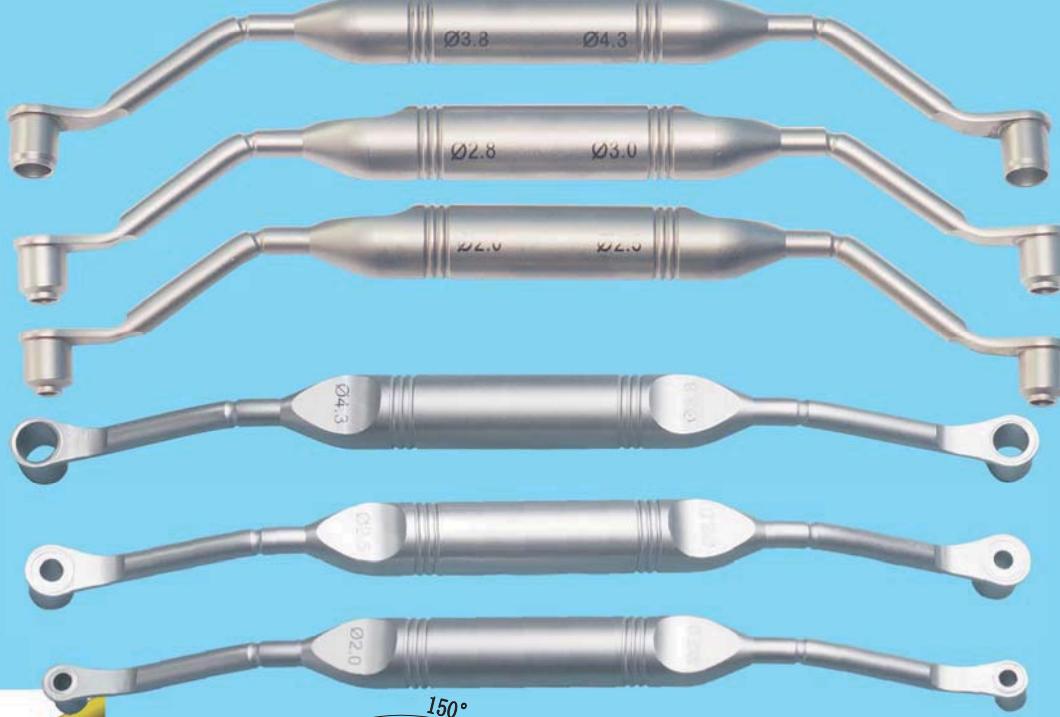
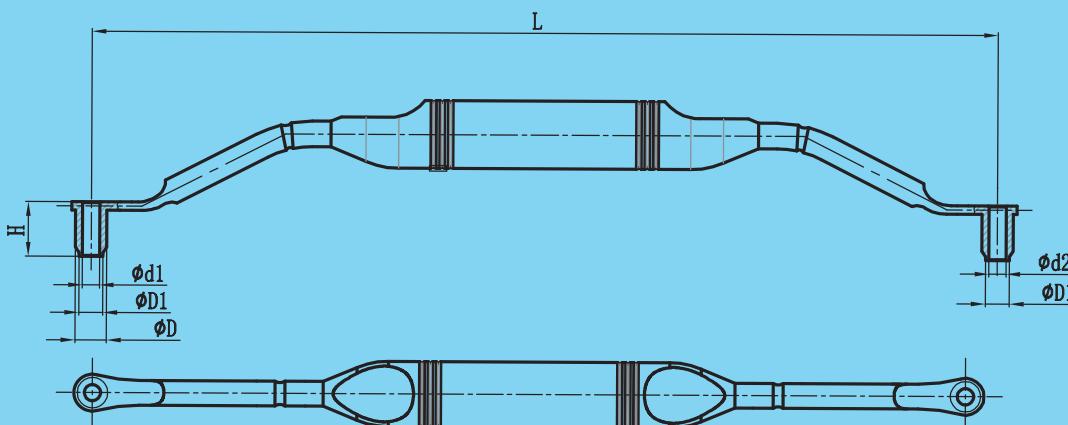
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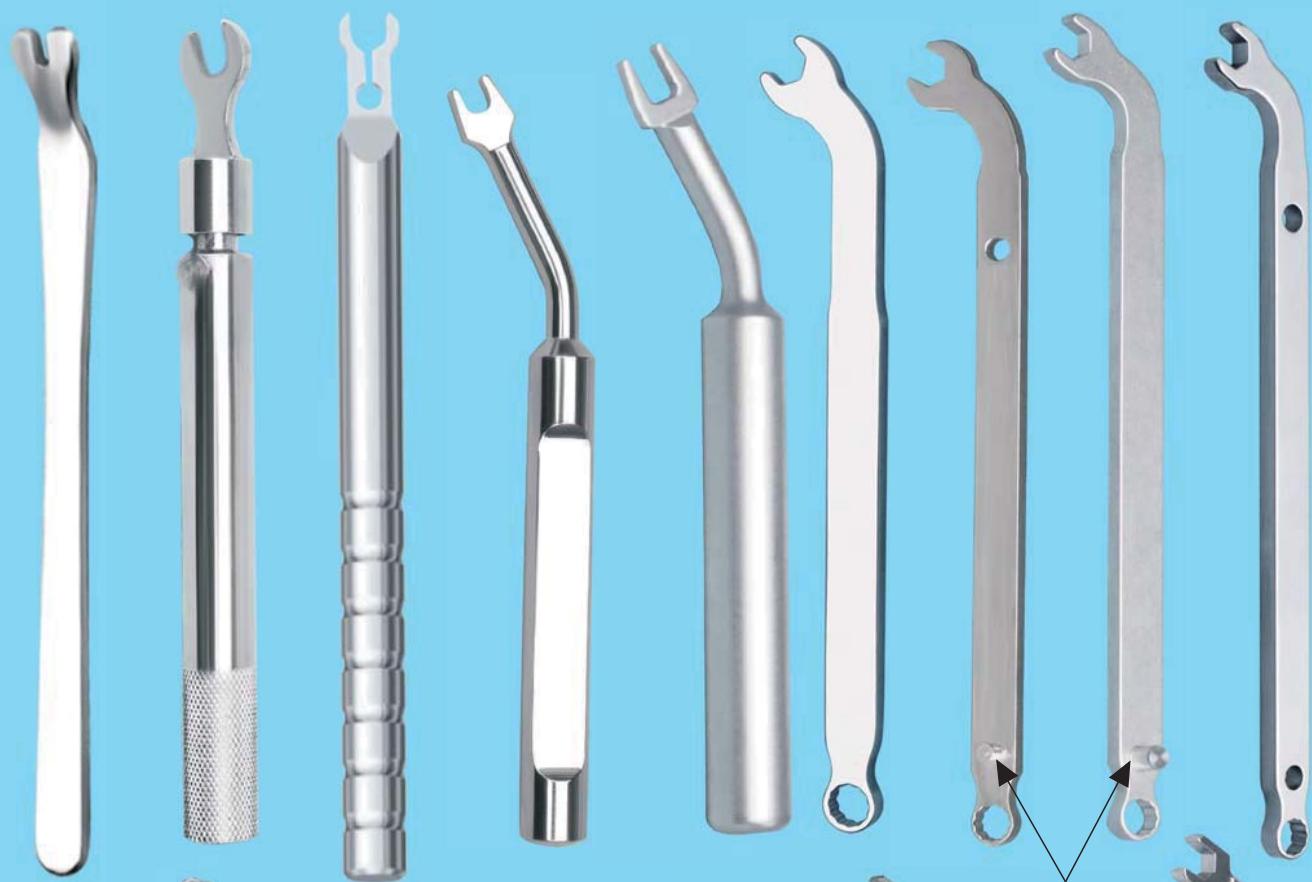
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可任意調整角度
It can be adjusted
to any angle



卡位小柱
detent post

可依要求
做刻度
Scale can be
customized



★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

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可以依要求生產任意反轉扭力受力大小，也可以很輕很輕的扭力受力大小。

We can produce any stress of reversal torque according to requirement, the stress of torque can be also very slight.

可自己調換不同大小的卡口（可調換式）。You can exchange the bayonets of different sizes.
(Convertible type)

可生產任意形狀的卡口方式,及任意設計卡口方式的規格尺寸大小。We can produce bayonets of any shapes and design various specifications or sizes for bayonets.

可依要求做標示、刻度、類別等。We can make mark, scale and type, etc according to your requirement.

(可單獨定制) 不同形狀之卡口（部分祇供參考用，實際可依樣依圖形狀，尺寸公差生產）Bayonets of various shapes(Just for reference, actual production as per the samples, pictures and size tolerance)



3邊形3-gon 4邊形4-gon 5邊形5-gon 6邊形6-gon 7邊形7-gon
8邊形8-gon 9邊形9-gon 10邊形10-gon 11邊形11-gon 12邊形12-gon

.....等其它各種不同形狀之卡口，均可生產。

.....and other bayonets with different shapes, we can produce all .

可以定做任意壓力大小（牛頓N）的範圍。We can customize the wrenches with requirement of any pressure range (Newton N).

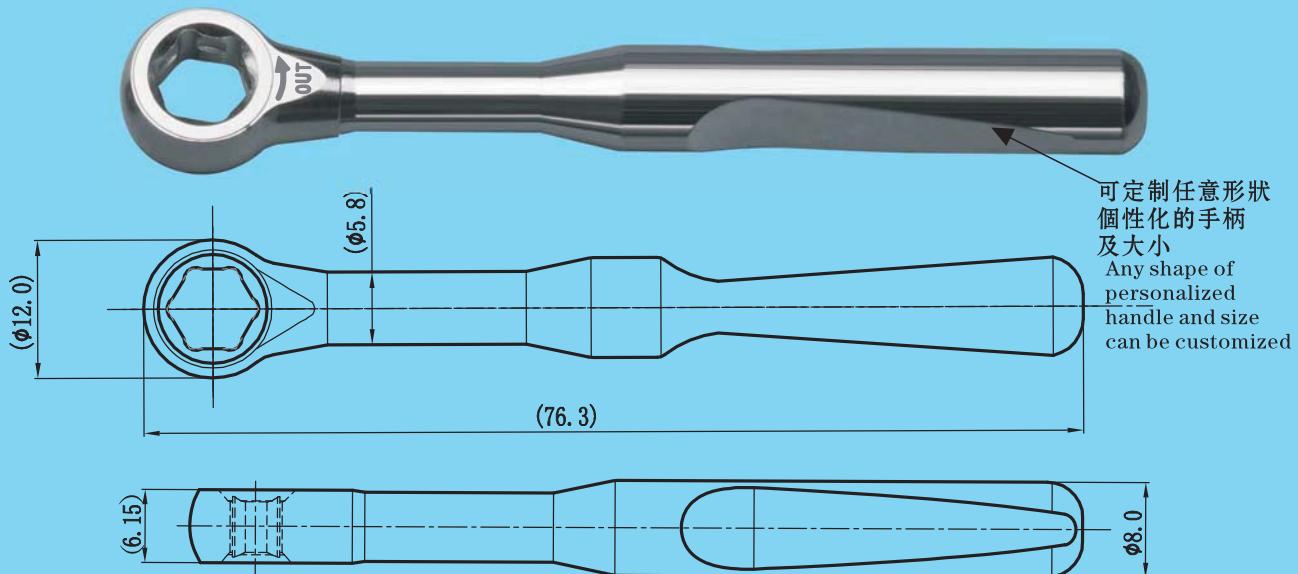


※可批量依圖依樣依要求生產不同結構方式之醫療醫用卡口扳手系列。

Medical and clinical bayonets and spanners series of different structures can be produced in batches as per the samples and pictures.

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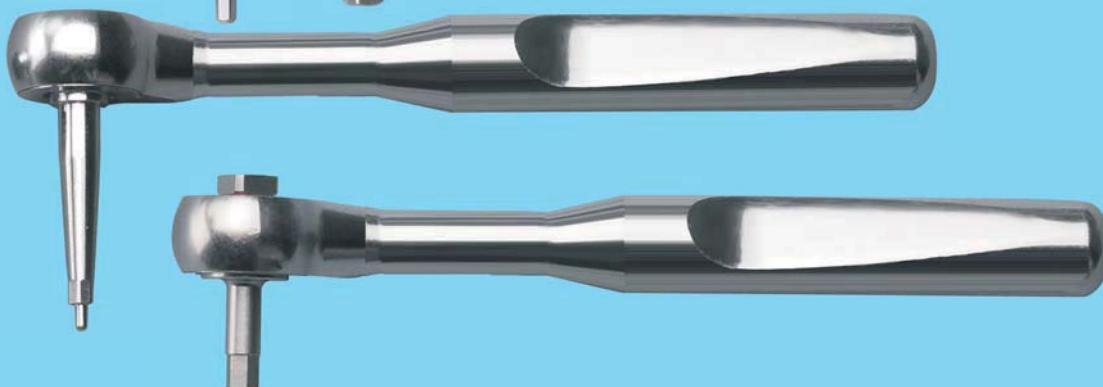
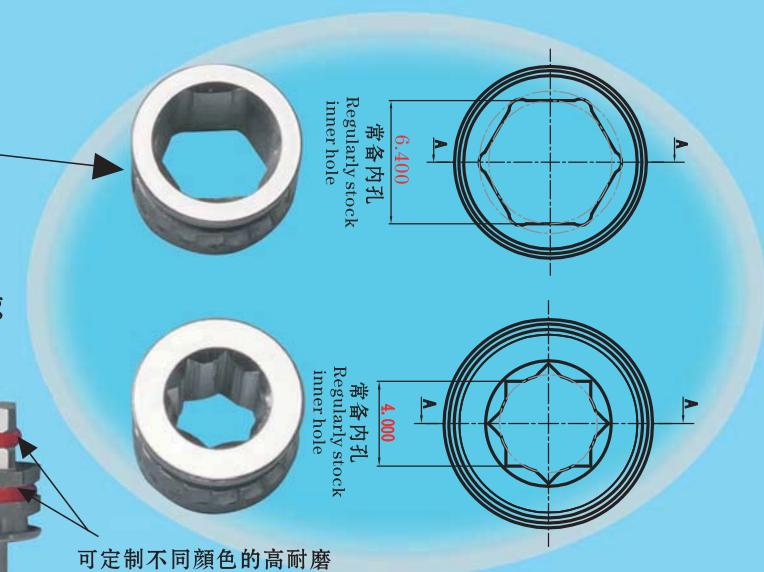
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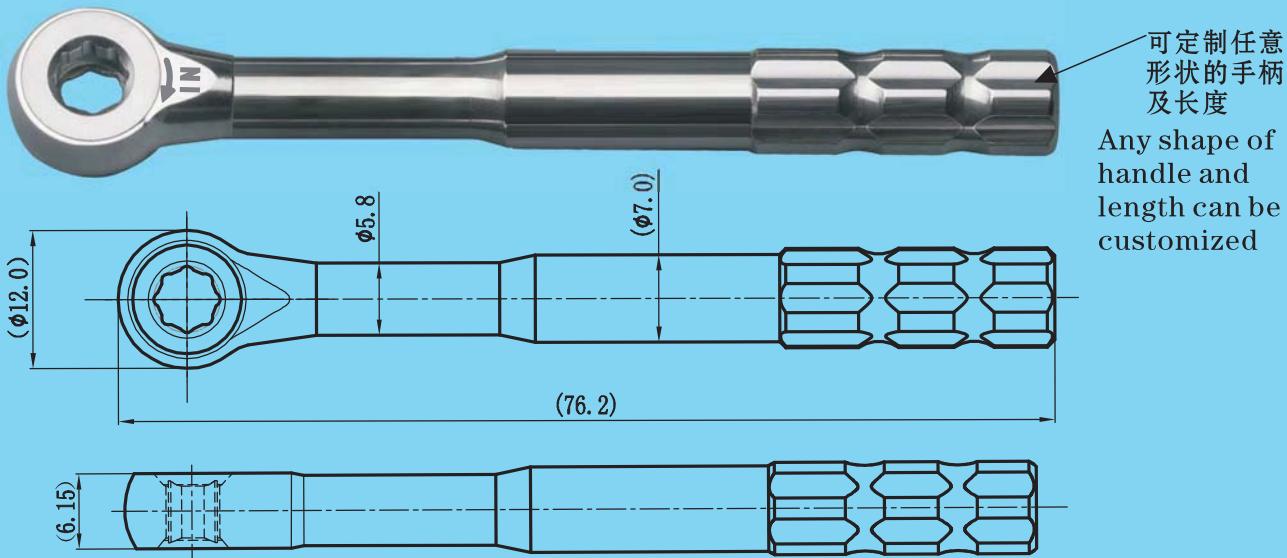
(可依圖依樣加工任意尺寸
公差及形狀的內孔方式，
也可單獨定制)
(We could produce inner hole
of any sizes, tolerances or
geometrical shapes according
to customers' drawings
or samples)



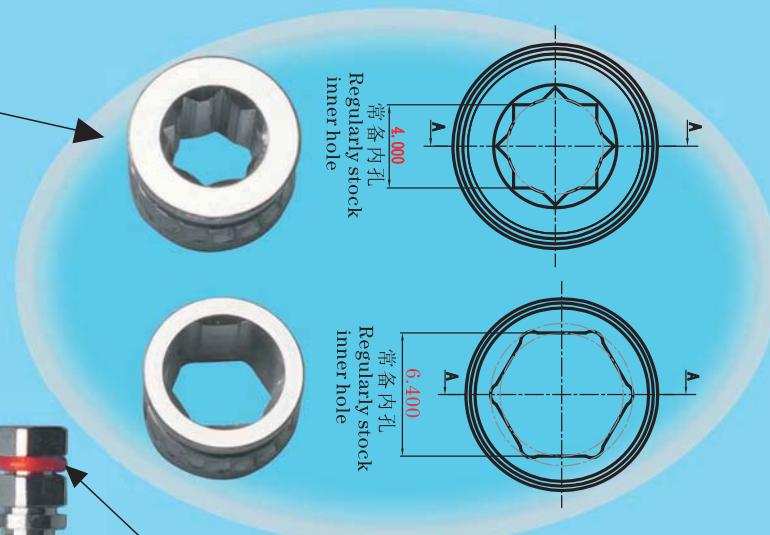
可定制不同顏色的高耐磨
PEEK/PPSU扁成型（非純
圓圈類）的高端卡圈。
(需在起子定制前明確)
we can customize high wear
-resistant PEEK/PPSU flat
forming(not pure circle type)
high-end rand of different colors



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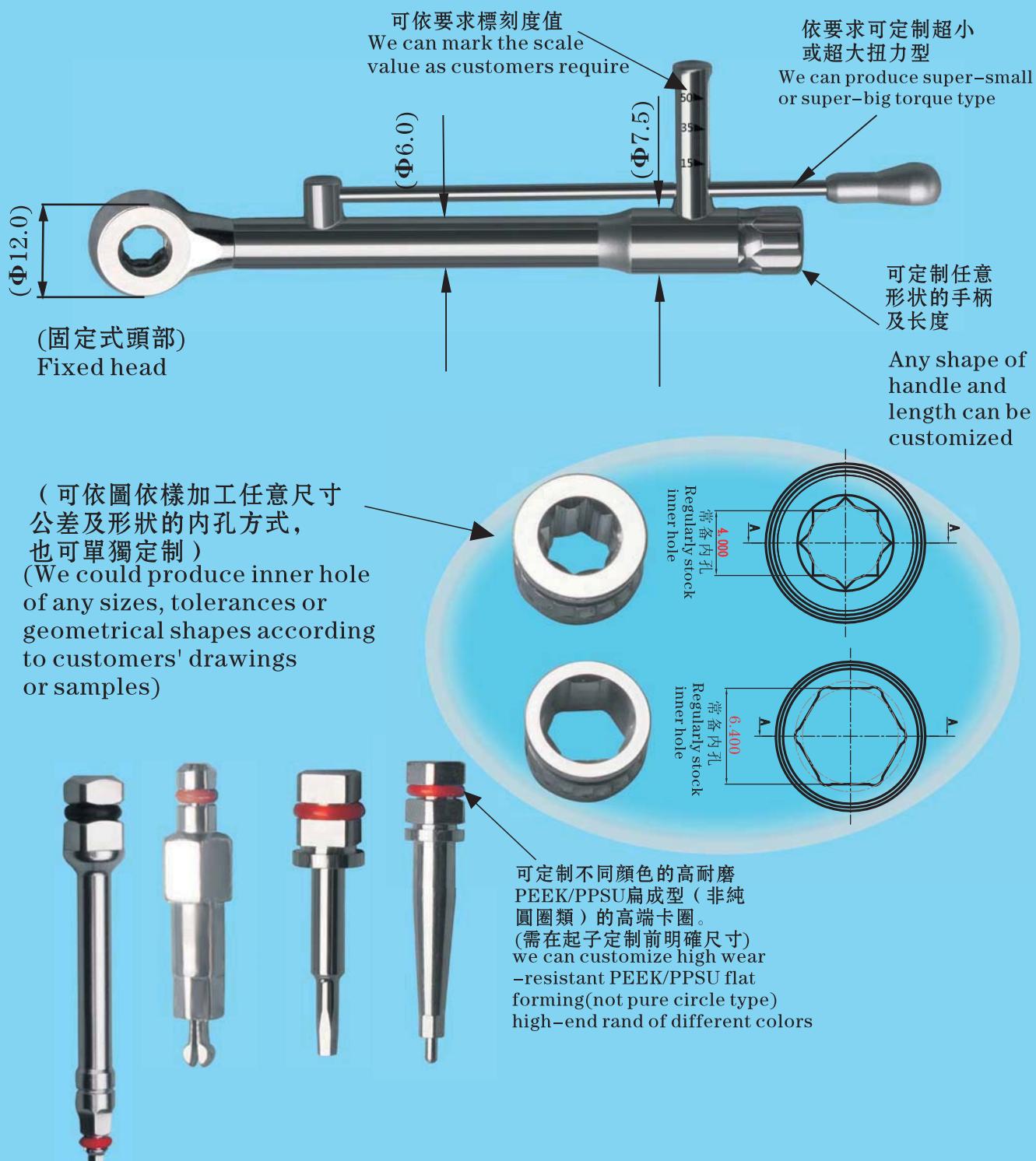
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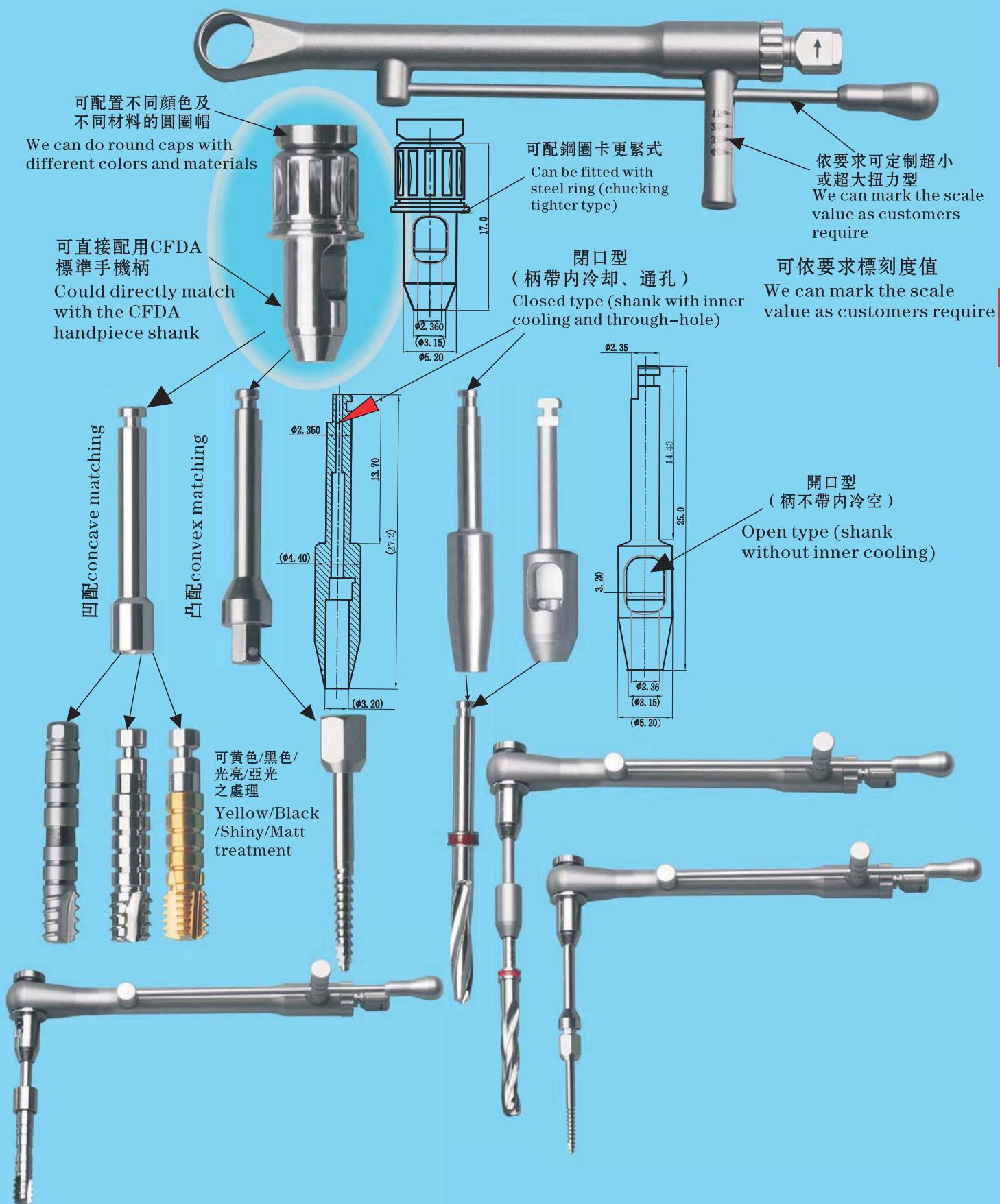
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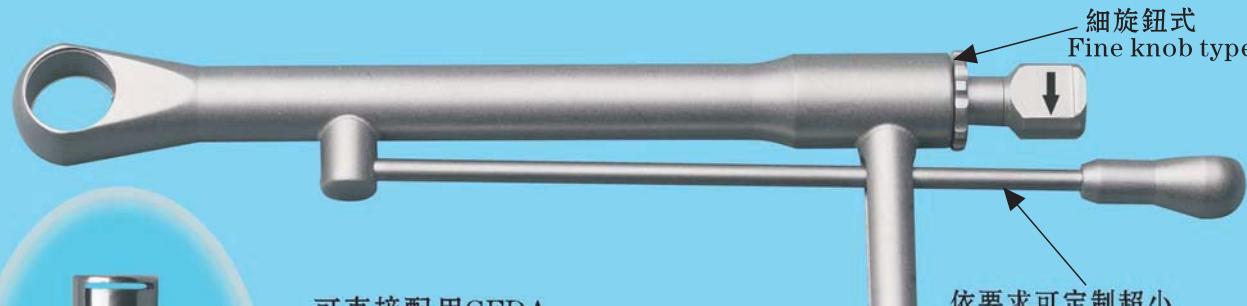


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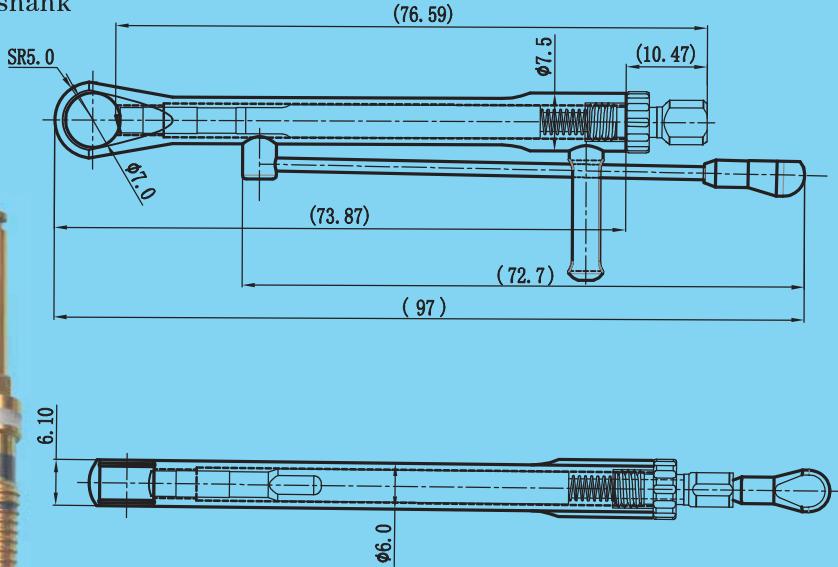


可直接配用CFDA
標準手機柄

Could directly match
with the CFDA
handpiece shank

依要求可定制超小
或超大扭力型

We can produce super-small
or super-big torque type

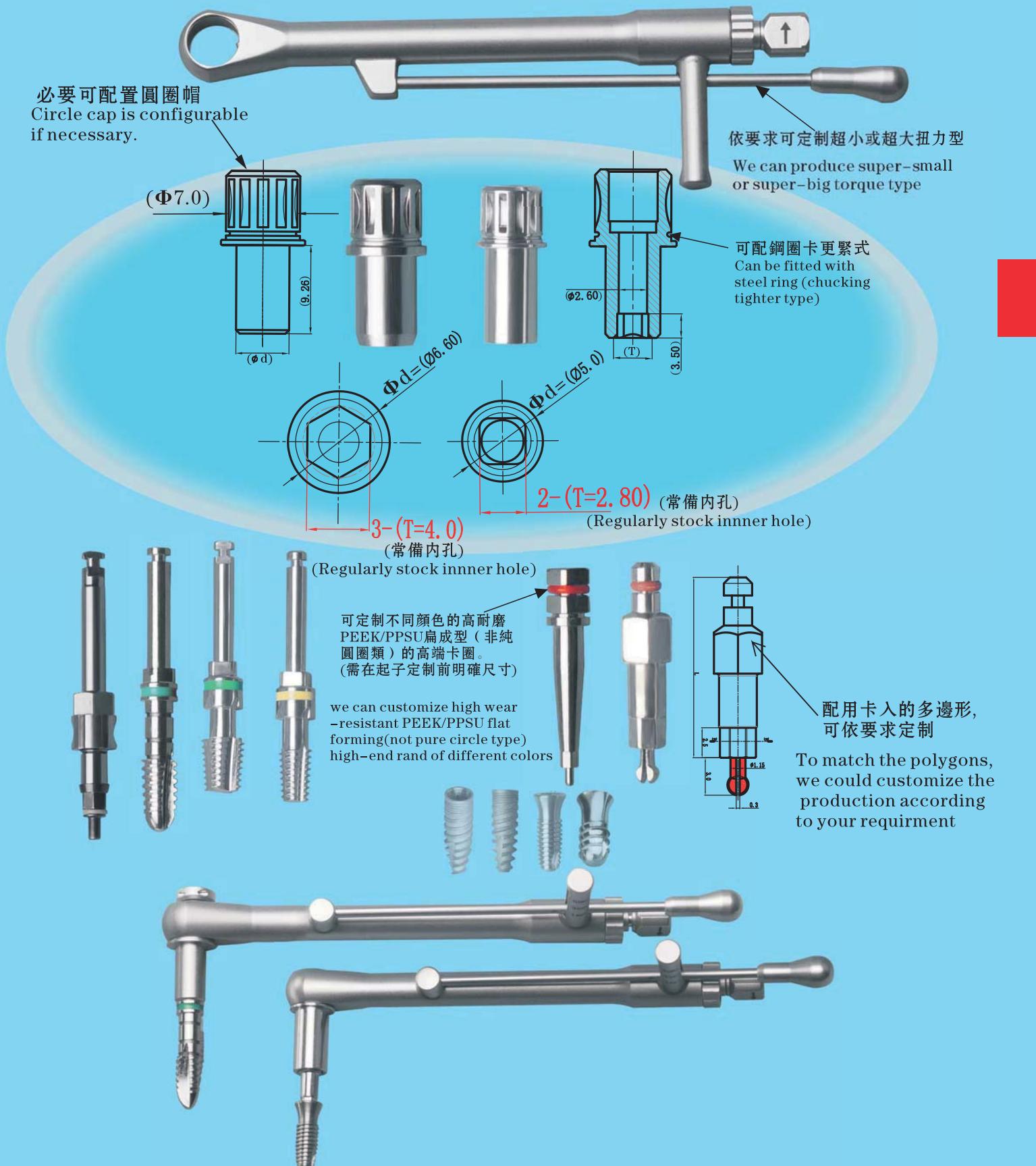


可定制任意形狀的梅花起子，公差高可至 $\pm 0.002\text{mm}$ (依螺釘實樣實配)
 we can customize any shape of Torx driver, the tolerance
 can be up to $\pm 0.002\text{mm}$ (to match the screw samples accordingly)

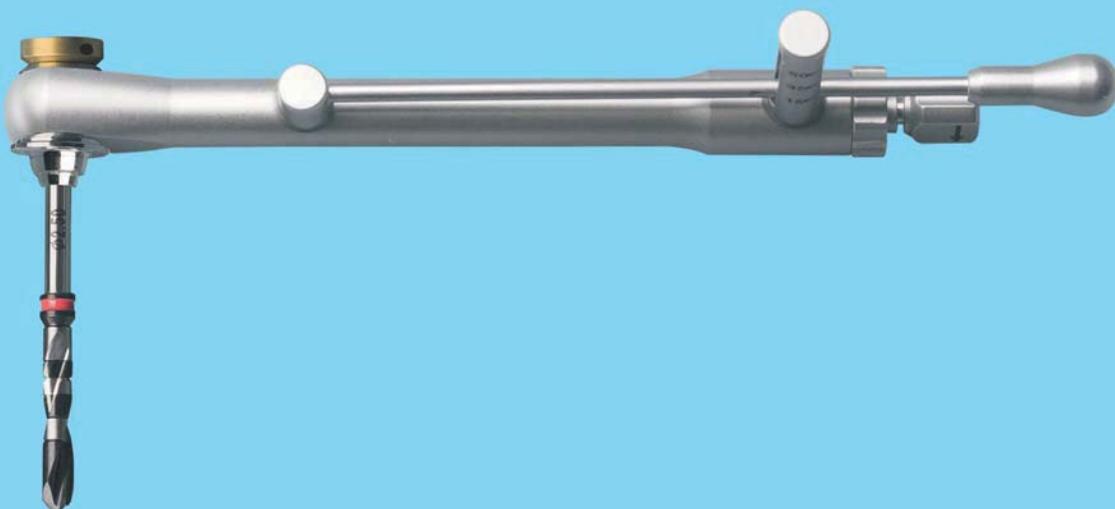


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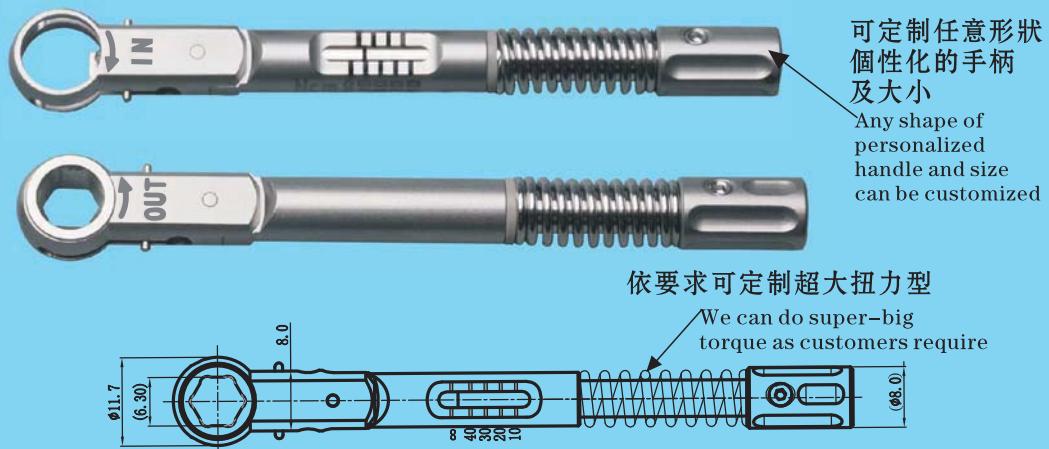
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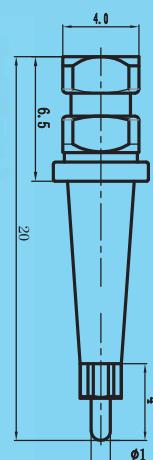
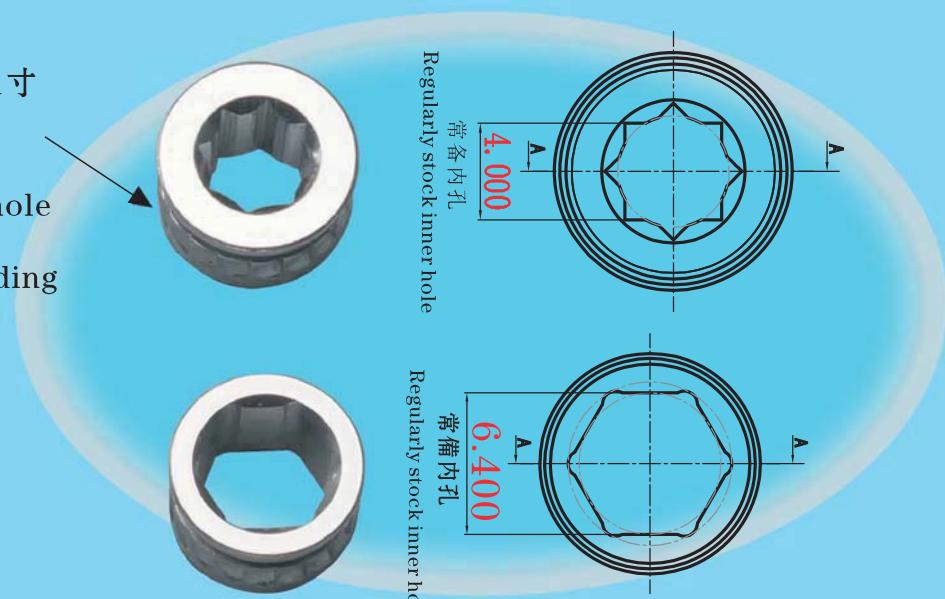
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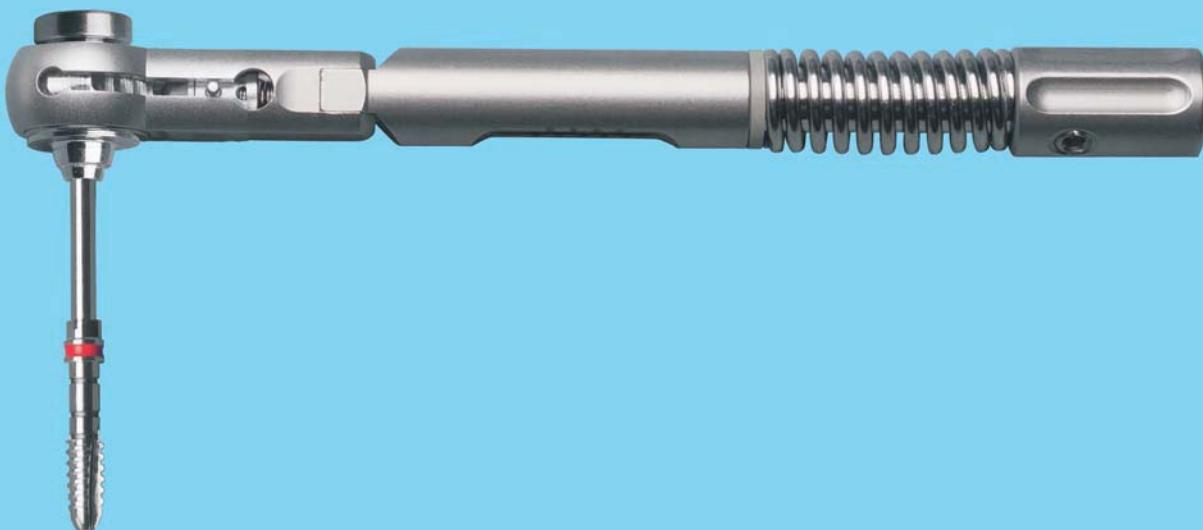
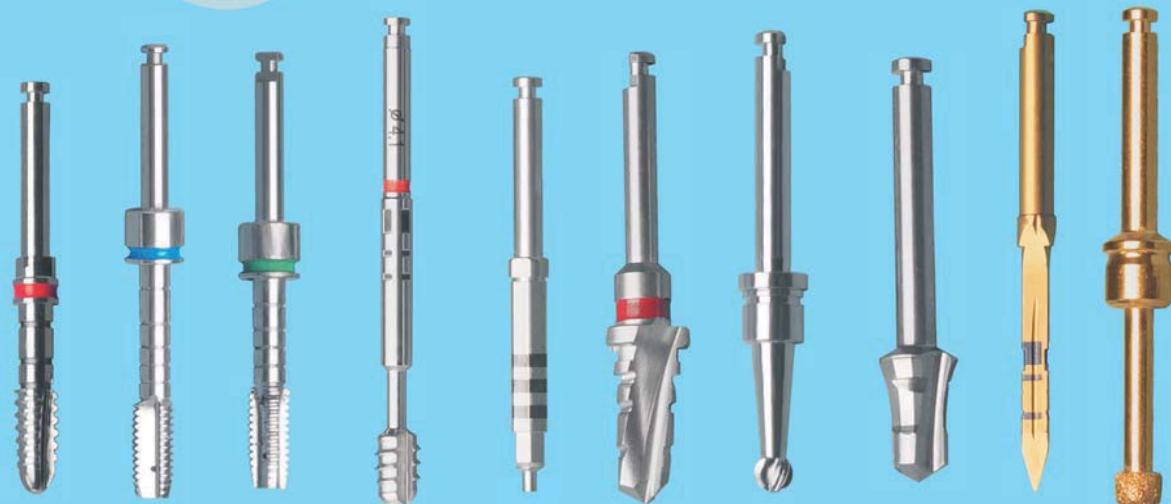
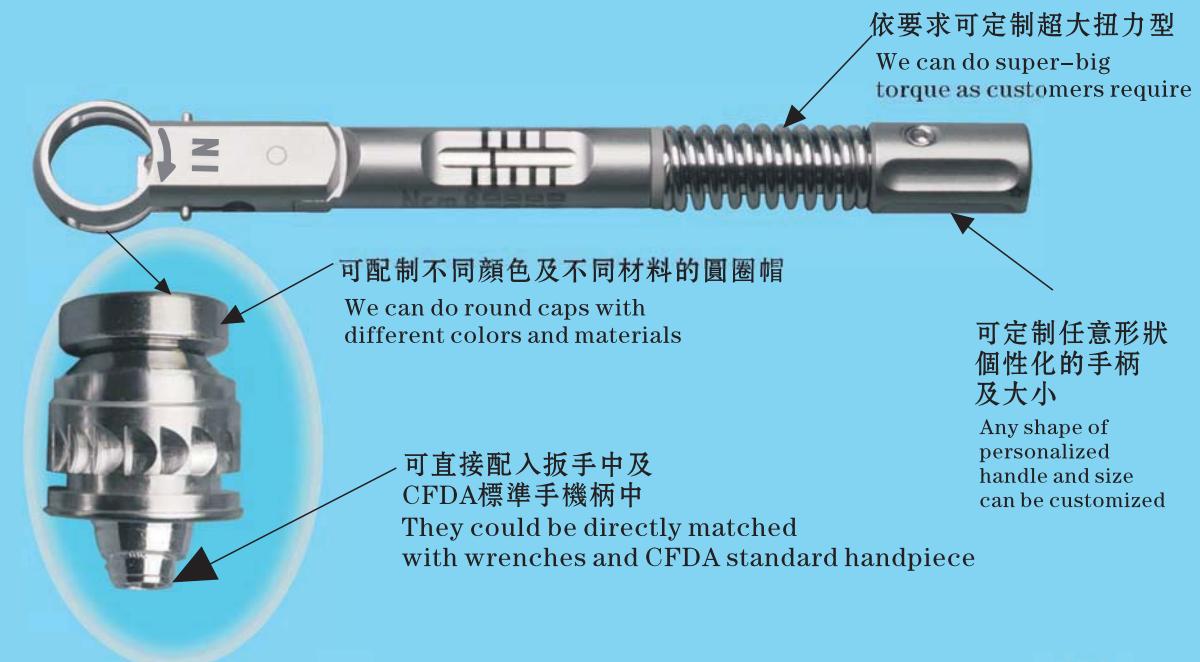
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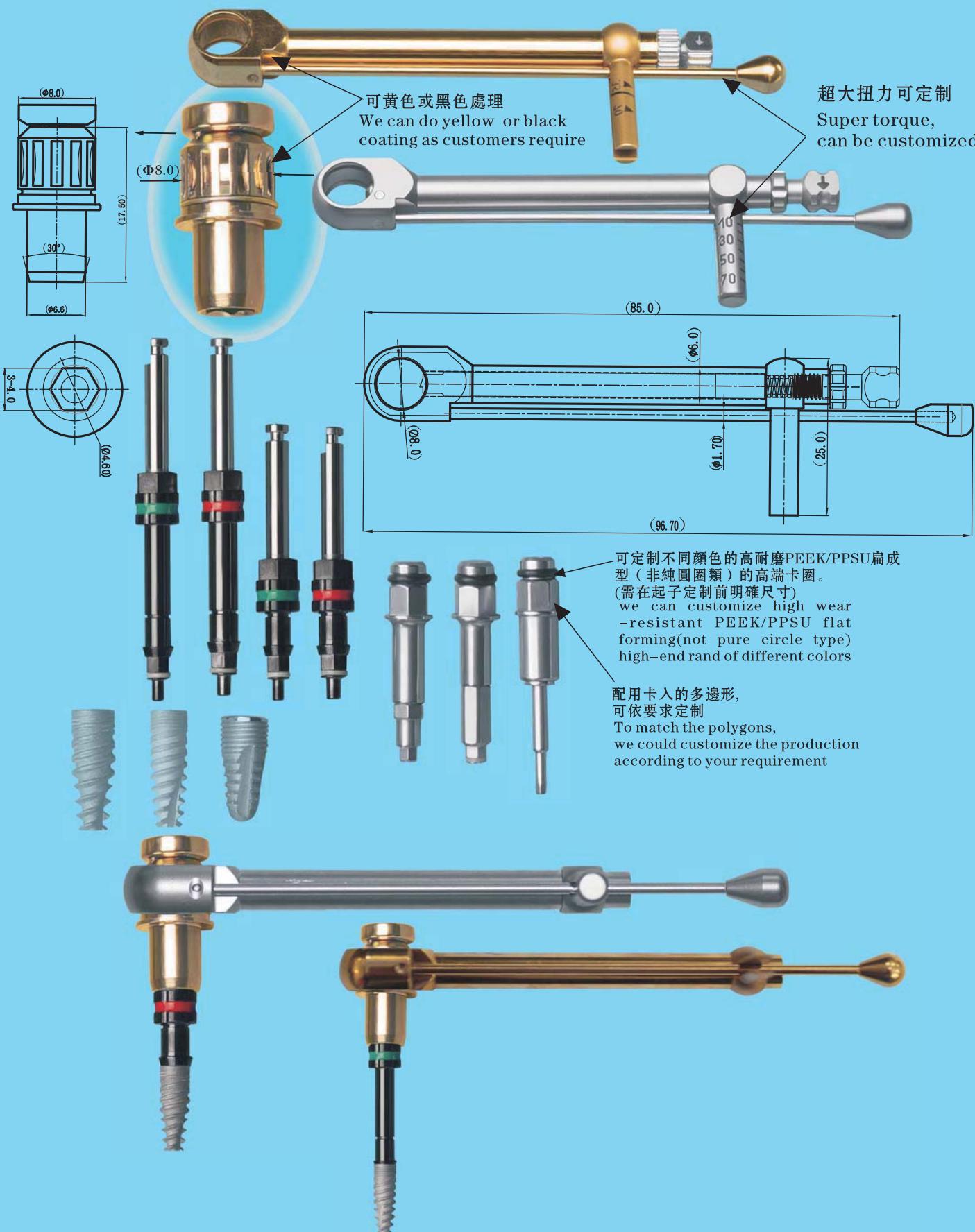
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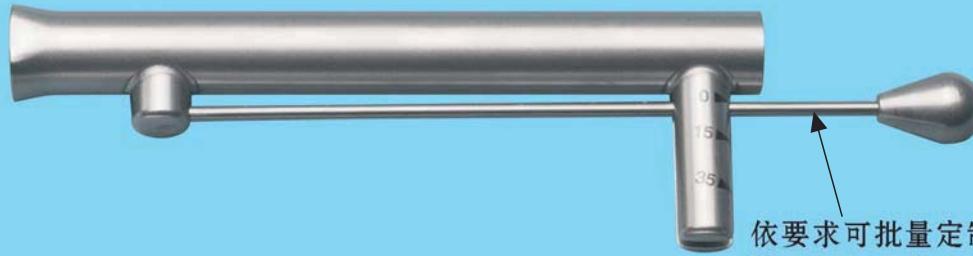
★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。
Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.



★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不锈钢、钛、钛合金等高精密、超细、超長、超硬加工成型。
Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.



★ 超高防锈高硬度高耐磨、高刚性、高抗冲击、高韧性不锈钢、钛、钛合金等高精密、超细、超长、超硬加工成型。
 Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.



依要求可批量定制大扭力型
 We can produce big torque
 type as customers require



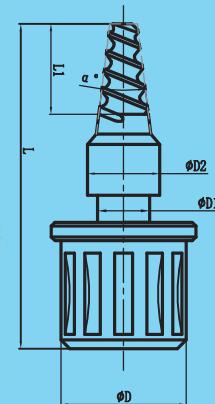
可單獨當固定扳手單用

It can be used as a fixed wrench alone.

可直接配用CFDA
 標準手柄
 Could directly match
 with the CFDA
 handpiece shank



(Φ7.0)

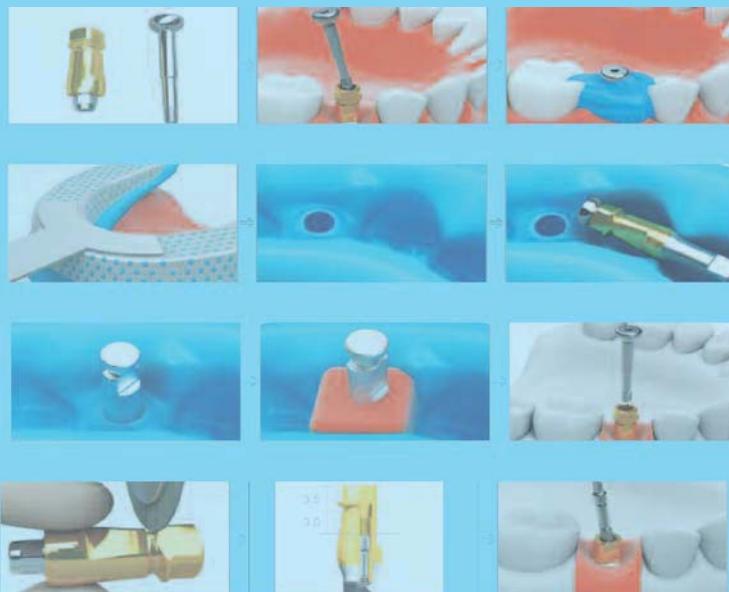


★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.



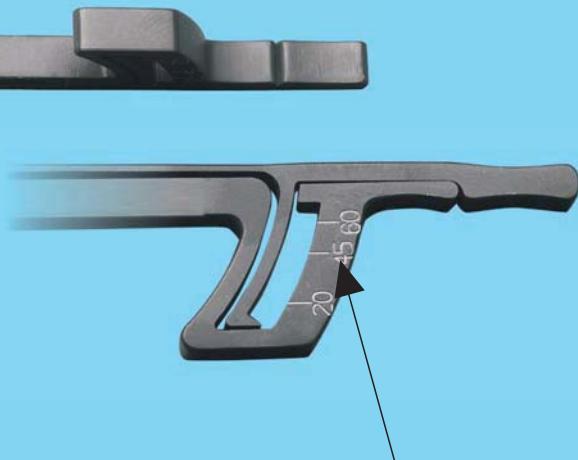
美齿自然是美女!
Beautiful teeth
beautiful woman



★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。
Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.



可直接配用CFDA
標準手機柄
Could directly match
with the CFDA
handpiece shank



依要求可批量定制大扭力型
We can produce big torque
type as customers require

特殊設計及專用產品，可在允許下協助批量、高要求、高精密、高品級的代工生產。

We can assist in batch, high-demand, high-precision and high-grade OEM production for products with special design and special usage with permission

★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。
Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.



★ 超高防锈高硬度高耐磨、高剛性、高抗衝擊、高韌性不鏽鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。
Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

依圖依樣尺寸公差要求可生產特殊、複合、異型、超大超細超長
 組合成型的系列刀具。(可分不同等級的材料與研磨進行加工)

We can produce special, compound, special-shaped, super-large,
 super-thin/super-long combined profile series tooling according
 to requirements of drawings, samples and dimension tolerance.

(We can do process with different grades of material and grinding)

A:
材料等級:

① 超高防锈高耐磨不銹鋼系列(AA)(HRC54° ± 2° 斷面)(常規常備)

② 常規標準防锈高耐磨及超高耐磨不銹鋼系列(A)(HRC45° ~64° 斷面系列)

A:

material:

① Super-high anti-rust high wear resistance stainless steel series(AA)
 (HRC54° ± 2° Section)(regularly stock)

② General anti-rust high wear resistance stainless steel series(A)
 (HRC45° ~64° Section series)

B:

空芯內孔加工等級(與材料等級和刃口加工等級無關):

① AAA級: 帶孔原生料+純鏡面空芯內孔研磨

(空芯內孔▼▼▼▼ & R0.01)(AAA)

(成本很高,不常用)

② AA級: 帶孔原生料,CFDA標準常規
 空芯內孔(AA)(成本較高,不常用)

③ 電火花EDM加工AA&A級料+空芯內孔研磨
 (空芯內孔研磨等級▼▼&▼▼▼等級不同,
 成本也不同) (A&AA)(成本高,不常用)

④ 深孔鑽打孔AA&A級料空芯內孔(受限于內孔
 徑與孔深度的比例,常規內孔徑x (40~60)倍左右
 的孔深度) (B) (成本低,但需批量加工)(常規常備)

⑤ 電火花EDM加工AA&A級料空芯內孔,內孔
 相對粗糙些 (C) (成本低, 常規常備)

B:

Hollow core inner hole process grade (independent
 of material grade & edge process grade):

① AAA grade: raw material with hole + pure mirror
 grinding of hollow core inner hole (hollow core inner
 hole ▼▼▼▼ & R0.01) (AAA) (high cost, not commonly used)

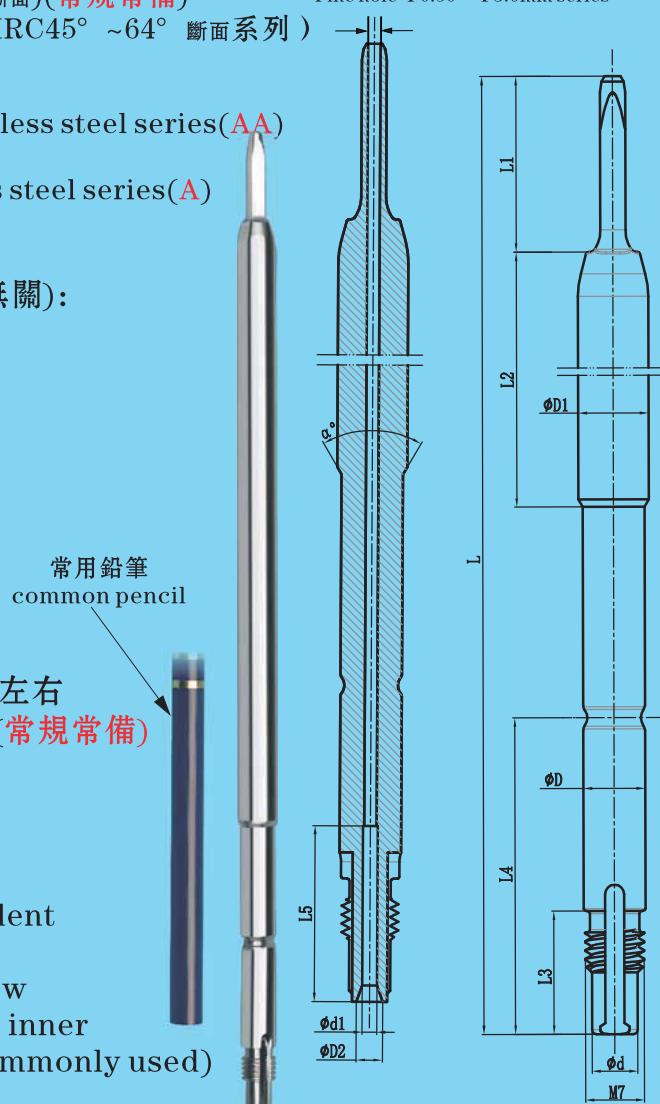
② AA grade: raw material with holes, CFDA
 standard hollow core inner hole (AA) (relatively high cost, not commonly used)

③ Electrical discharge machining (EDM) process AA & A
 grade material + hollow core inner hole grinding (hollow core inner hole grinding
 grade ▼▼& ▼▼▼▼) Different cost for different grade) (A&AA) (high cost,
 not commonly used)

④ Deep hole drilling AA&A grade material hollow core inner hole (limited by the
 ratio of the inner hole diameter & hole depth, conventional inner hole diameter x hole depth
 (40~60) times approximately) (B) (low cost, but requires batch processing)(regular stock)

⑤ Electrical discharge machining (EDM) processing AA & A grade raw material hollow core
 inner hole, the inner hole is relatively rough (C) (low cost, regular stock)

微細孔 $\Phi 0.50 \sim \Phi 3.0\text{mm}$ 系列
 Fine hole $\Phi 0.50 \sim \Phi 3.0\text{mm}$ series



★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

依圖依樣尺寸公差要求可生產特殊、複合、異型、超大超細超長組合成型的系列刀具。

We can produce special, compound,special-shaped,super-large,super-thin/super-long combined profile series tooling according to requirements of drawings,samples and dimension tolerance.

図面、サンプル、または寸法の公差要求により特殊、複合、異型または超大、超細、

超長の組合せ成型のシリーズカッタを生産できる。.

全精研磨 ▼▼▼ ~ ▼▼▼▼

材質：不鏽鋼 (HRC35° ~64° 系列) 純鈦、鈦合金;高速鋼;
鈷高速鋼;合金鋼;鎢鋼;硬質合金;陶瓷。

Fine finish grinding, ▼▼▼ ~ ▼▼▼▼

Material: stainless steel(HRC35° -64° series),pure titanium,titanium alloy;HSS;Cobalt HSS; alloy steel ;carbide; hard alloy;ceramic.

可依3D樣板及
CAD圖制作
的成品制品

Finished products
made from 3D
templates & CAD
drawings



*必要可帶穿透&不穿透，不同等級加工的中空、空芯內孔加工。

With or without penetration, hollow & hollow core inner hole process with different grades

必要に応じて、貫通付き&貫通なし、各レベル加工での中空、中空内穴加工。

★ 超高防锈高硬度高耐磨、高剛性、高抗衝擊、高韌性不鏽鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

依圖依樣尺寸公差要求可生產特殊、複合、異型、超大超細超長組合成型的系列刀具。

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全精研磨 ▼▼▼ ~ ▼▼▼▼

材质: 不锈钢 (HRC35° ~64° 系列) 纯钛、钛合金; 高速钢;
钴高速钢; 合金钢; 钨钢; 硬质合金; 陶瓷。

Fine finish grinding, ▼▼▼ ~ ▼▼▼▼

Material: stainless steel (HRC35° -64° series), pure titanium, titanium alloy; HSS; Cobalt HSS; alloy steel; carbide; hard alloy; ceramic.



※必要可帶穿透&不穿透，不同等級加工的中空、空芯內孔加工。

With or without penetration,
hollow & hollow core inner
hole process with different grades

必要に応じて、貫通付き&貫通なし、各レベル加工での中空、中空内穴加工。

★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不锈钢、钛、钛合金等高精密、超细、超长、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.



※必要可帶穿透&不穿透，不同等級加工的中空、空芯內孔加工。

With or without penetration, hollow & hollow core inner hole process with different grades

必要に応じて、貫通付き&貫通なし、各レベル加工での中空、中空内穴加工。

★ 超高防锈高硬度高耐磨、高剛性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

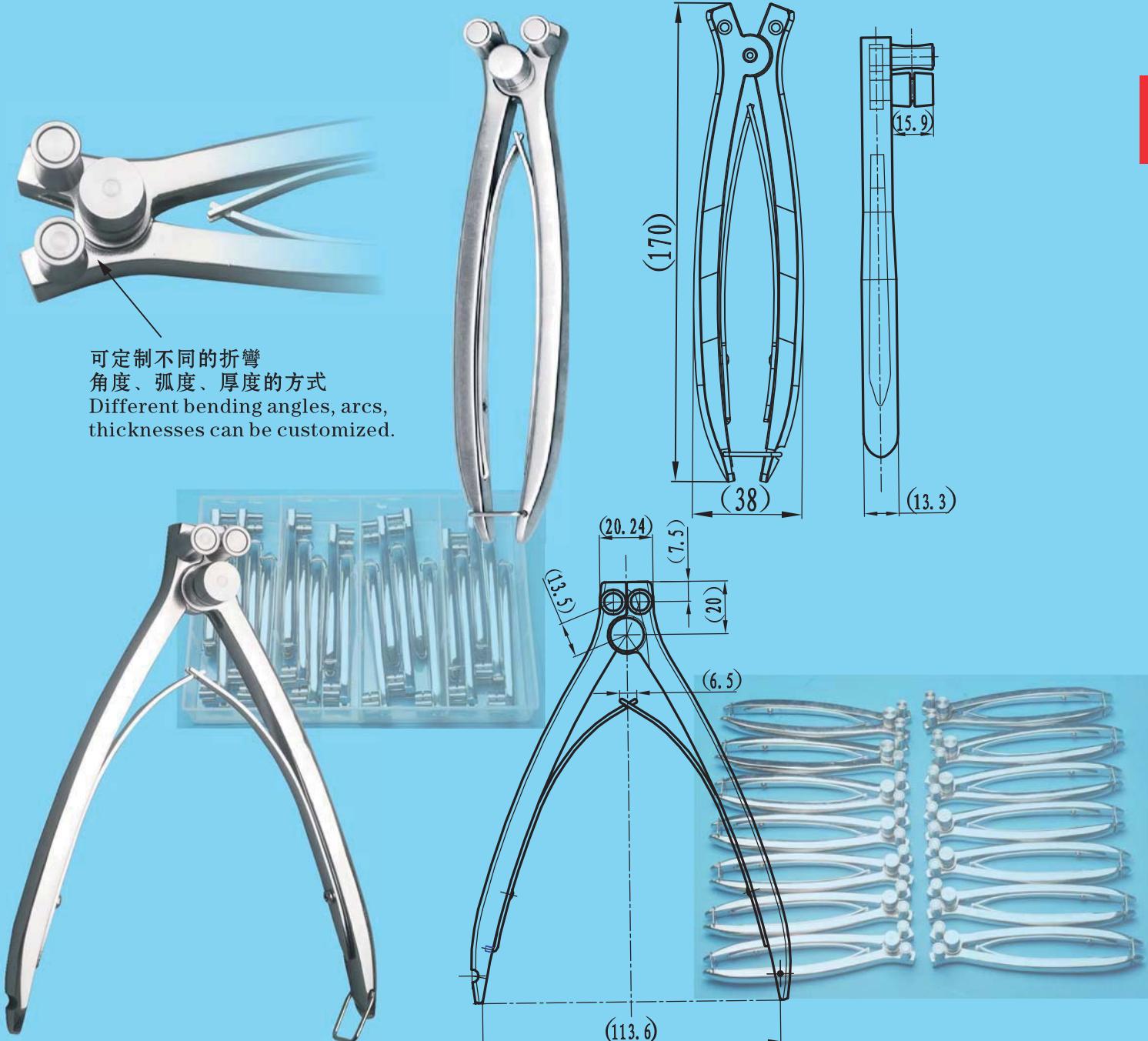
醫用工具及配件系列(壓迫鉗/彎杆機/牽張鉗/搖杆)
Medical tools and parts serise(Compression forceps/
Rod bender/Distraction forceps/Rocker)

医療器具及び部品シリーズ(圧縮鉗子/バーべンダー/引張鉗子/振り軸)
超高防锈高耐磨型 (AA) & 常規標準防锈高耐磨型 (A)
(ultra-high anti-rust high wear-resistant&
general anti-rust high wear-resistant)
超防锈高耐磨耗型(AA)&通常標準防锈高耐磨耗型(A)

依圖依樣尺寸公差要求可生產特殊、複合、異型、超大超細超長組合成型的系列產品。

We can produce products of special, compound, special-shaped, super-large, super-thin/ super-long combined profile series according to requirements of drawings, samples and dimension tolerance.

図面、サンプル、または寸法の公差要求により特殊、複合、異型または超大、超細、超長の組合せ成型のシリーズ製品を生産できる。.

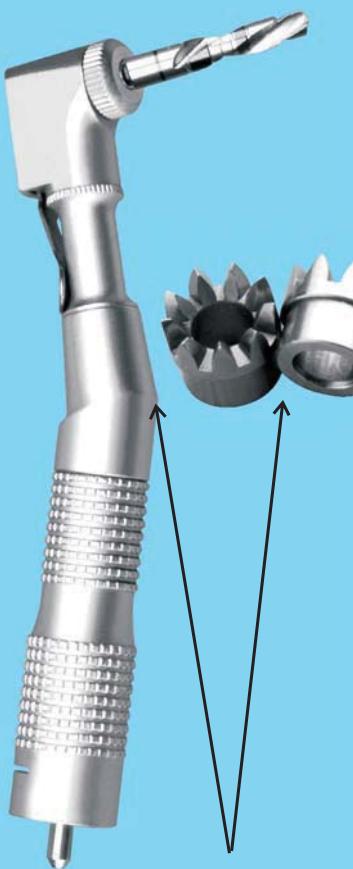


*以上可定制做精密高端高要求成品，但需批量才能定制。

Precision high-end high-demand finished products as above can be customized, but require batch qty.

★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.



★、各種精密配件，零附件批量時，可以采用任意材料及幾何形狀、成型超精、超硬研磨

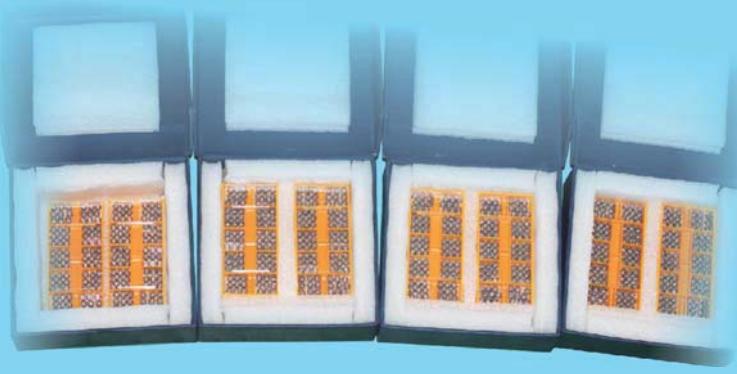
★.材種：高硬度超級鏡面不鏽鋼(**AA**) (HRC54° ± 2° 斷面)& 高耐衝擊/超耐磨極超微粒鑽石鎢鋼VWA201(HRC71° ± 1°)

★、Every kind of precision accessories and parts, if in bulk, we can produce with any material, geometrical shape, profile superfinishing or superhard processing

★、Material: high hardness super mirror stainless (**AA**) (HRC54° ± 2° Section) & high impact-resistant/ super wear-resistant ultra micro-grain quality carbide VWA201 (HRC71° ± 1°)



可研磨加工渦輪手機內的高精密配件，
 高要求零附件We can grind and process
 high precision parts and demanding
 accessories in turbine hand tool.



★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不鏽鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

★、可以采用任意材料及幾何形狀、成型超精、超硬研磨

We can produce with any material and geometrical shape by profile superfinishing or superhard processing



★、依圖依樣尺寸公差要求可生產特殊、複合、異型、超大
超細 超長組合成型的系列產品。

We can produce products of special, compound, special-shaped, super-large, super-thin/ super-long combined profile series according to requirements of drawings, samples and dimension tolerance.

図面、サンプル、または寸法の公差要求により特殊、
複合、異型または超大、超細、超長の組合せ成型
のシリーズ製品を生産できる。

★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

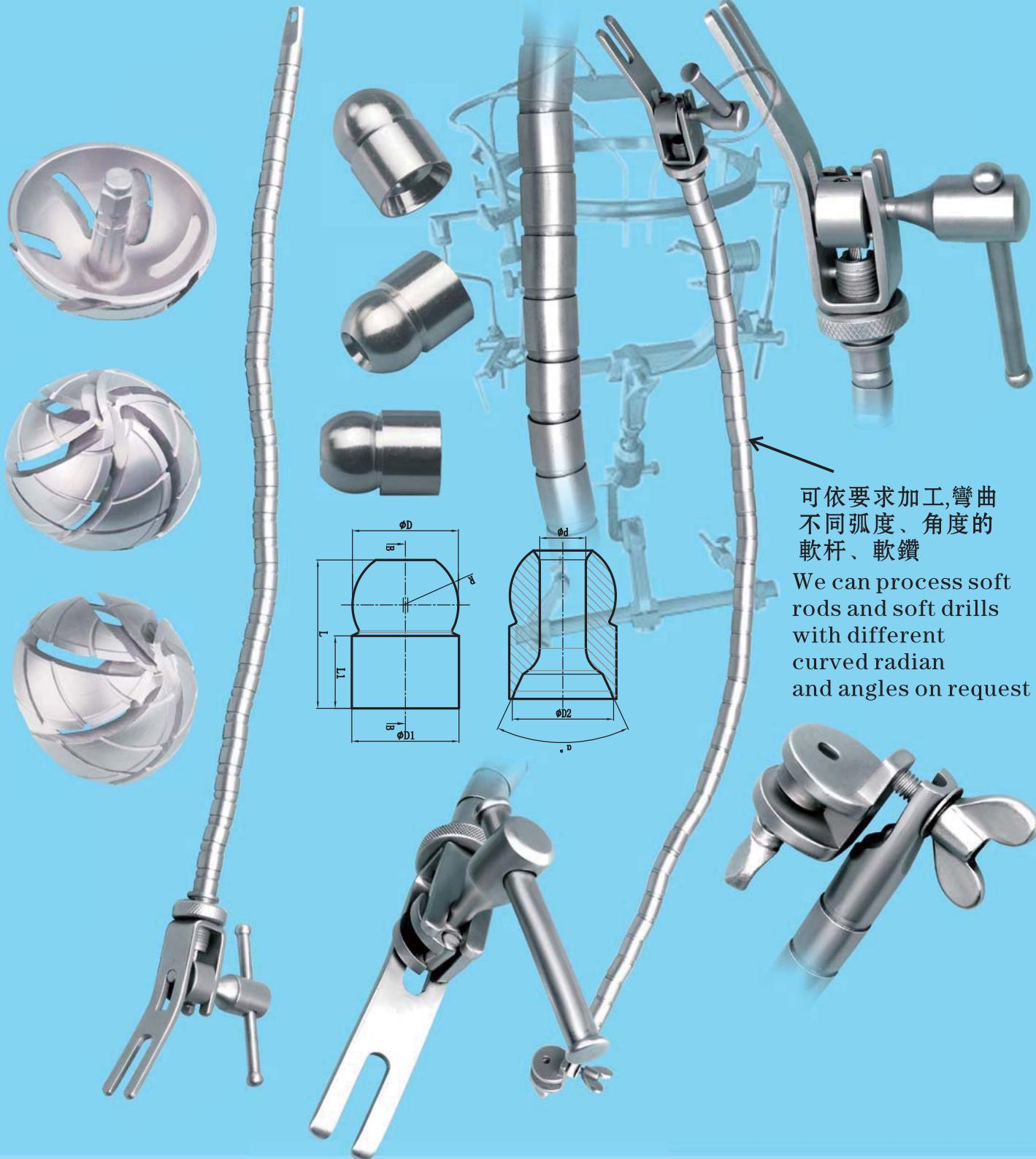
Ultra-high rust-resistant, high-hardness, high-wear-resistant, high-rigidity, high-impact-resistant & high-toughness stainless steel, titanium, titanium alloy, etc., with high-precision, ultra-fine, ultra-long, super-hard machine shaping.

依圖依樣尺寸公差要求可生產特殊、複合、異型、超大超細超長組合成型的系列刀具。

We can produce special, compound, special-shaped, super-large, super-thin/super-long combined profile series tooling according to requirements of drawings, samples and dimension tolerance.

図面、サンプル、または寸法の公差要求により特殊、複合、異型または超大、超細、

超長の組合せ成型のシリーズカッタを生産できる。.



★ 超高防锈高硬度高耐磨、高刚性、高抗衝擊、高韌性不銹鋼、鈦、鈦合金等高精密、超細、超長、超硬加工成型。

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