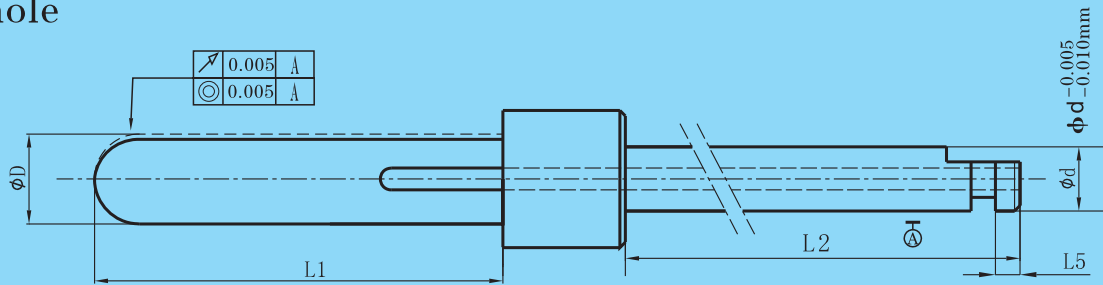


冷却孔
Cooling hole

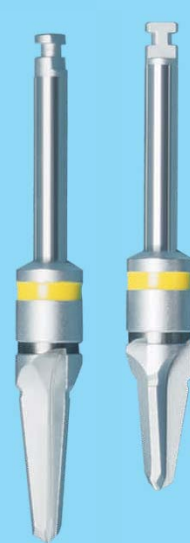
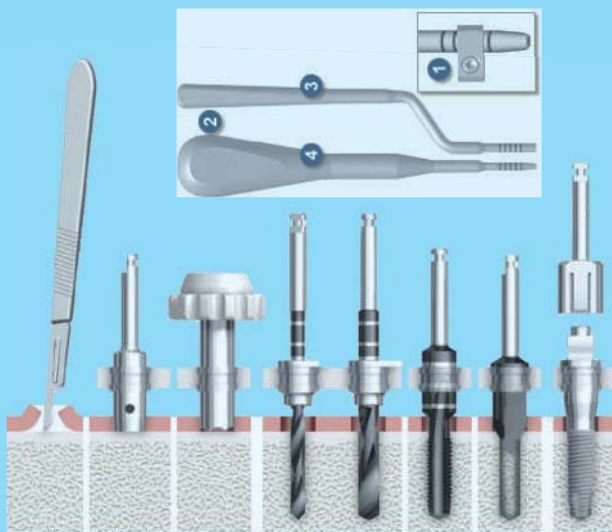


部分尺寸 some sizes

| | | | | | | | | | |
|--|-----------------------------------|------|------|------|------|------|------|------|------|
| | 刃徑 ϕD Diameter | 3.3 | 3.3 | 3.3 | 3.3 | 4.0 | 4.0 | 4.0 | 4.0 |
| | 刃長 L_1 Length of cut 刃の長さ | 8 | 11 | 13 | 15 | 8 | 11 | 13 | 15 |
| | 柄徑 ϕd Shank Dia. | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 |
| | 總長 L Overall length 總長さ | 27 | 30 | 32 | 34 | 27 | 30 | 32 | 34 |

★、各種鑽頭鑽套可以採用任意材料及幾何形狀、成型超精、超硬研磨

All drills and stoppers can be made with any material or into any geometrical shape by profile superfinishing and superhard grinding



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)

2刃/3刃/4刃
(可直刃/螺旋刃)
2-flute / 3-flute / 4-flute
(it can be straight edge / helical edge)

※ 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。

★可超硬、超精研磨。任意的柄部類型、芯厚、容屑槽寬度、刃背方式、鑽尖方式、內冷却孔方式、刃部結構、刃口角度、刃口鋒利程度之要求。及高可至 $\pm 0.003\text{mm}$ ($3\mu\text{m}$) 的尺寸公差要求 We can produce with super hard and super finish grinding and satisfy your requirement of any type of shank, web thickness, width of chip flute, land, drill tip, inner cooling hole, structure of cutting edge, angle of cutting edge, degree of sharpness of cutting edge, and the dimension tolerance can be up to $\pm 0.003\text{mm}$ ($3\mu\text{m}$)