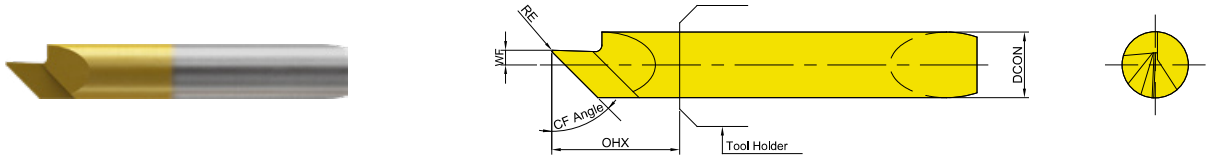


Boring Tool

CH - Chamfering



●: Stock item
○: Order made item

KAPR	DCON (mm)	Designation	EDP	Metric (mm)						YG812
				DMIN	RE	CDX	WF	OHX	OAL	
45°	6	NCCH6R - 10.03 - 45 - YG812	NCCH06R103045T	1.0	0.2	3.5	1.1	15.5	38	○
60°		NCCH6R - 10.04 - 60 - YG812	NCCH06R103060T	1.0	0.2	4	0.5	15.5	38	○

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Overview

At present, as demand for small parts (camera lens, mobile phone parts) and medical instruments (implants) increases, demand for small-diameter products capable of high-precision processing is increasing.

Application

- Turning of Small Bore Components
- Internal Turning(Boring), Grooving and Threading



Features

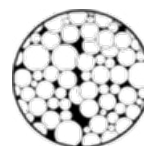
- Minimum Diameter(Boring & Profiling series) : Ø 1 mm
- Internal Coolant for Longer Tool life and Enhanced Chip Evacuation
- Secure Connection Design: Pin + Slant Positioning
- 10 Geometries for Various Applications

Benefits

- Reduced Machine Down Time
- Lower Machining Cost

YG812 - Micro Grain Carbide Grade

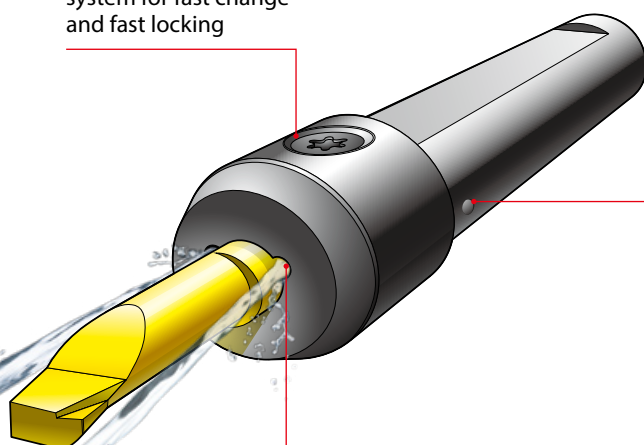
P10 - P20	M20 - M30	Submicron Grade Carbide Substrate Material for high toughness
K20 - K30	S10 - S25	and wear resistance realizes high precision machining



Advantages of Nanocut

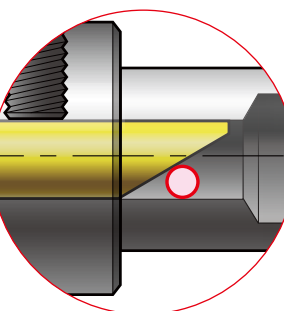
Easy Clamping

Secure and Simple system for fast change and fast locking



Internal Coolant

Helps chip evacuation and improves tool life



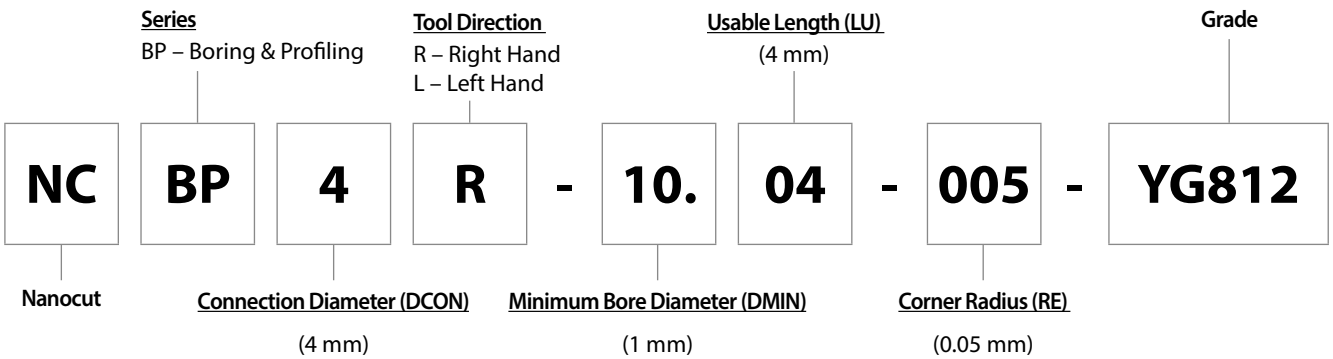
Secure Slant Connection

Ensures High repeatability for height and axial position

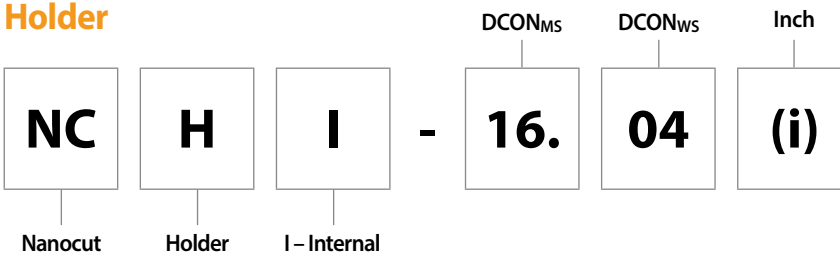


Code Keys - Boring Tool & Holder

Boring Tool



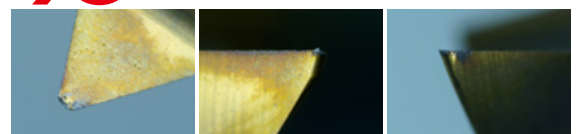
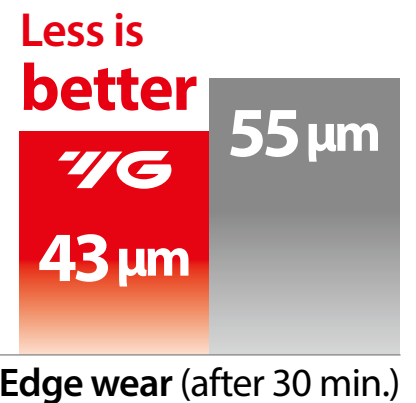
Holder



Success Story

Cutting Conditions

Size	Ø 6 mm, R 0.2 mm
Work Material	SCM440 (HRc 20)
Cutting Speed	100 m/min.
RPM	637 rev./min.
Feed per Revolution	0.1 mm/rev.
Boring Depth	Axial: 10 mm Radial: 0.15 mm
Coolant	Wet Cut
Operation	Boring
Machine	Turn Mill



Competitor

