

20年生產研發經驗

20 years of experience in production and research

藍馳的刀具可廣泛運用于各式CNC設備，滿足高速、高精度的加工需求，同時也能應對各類模具、零件及產品的加工需求，適用於不同材質的切削；

The cutting tools of Lanchi can be widely used in all kinds of CNC equipments to meet the needs of high-speed and high-precision processing, and also to meet the processing needs of various molds, parts and products, suitable for cutting of different materials.

優選材質，進口設備

Preferred materials, imported equipment

采用德國棒材，使用瑞士先進的 Rollomatic，德國 Walter 等研磨機加工，并采用先進的 Balzers 鍍層科技，以及 ZOLLER 檢測設備，有效確保刀具品質；

German rods, grinding machines such as Rollomatic and Walter from Switzerland, advanced Balzers coating technology and ZOLLER detection equipment are used to ensure products' quality.

自主研發團隊

Independent research and development team

藍馳擁有自己的研發團隊，并成立應用技術中心，致力于延長刀具使用壽命及產品創新的研發。

RUNCHIT has our own research team, and set up the application technology center, committed to extend the service life of the cutting tool and product innovation research.

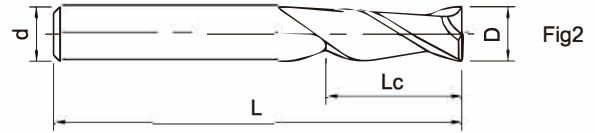
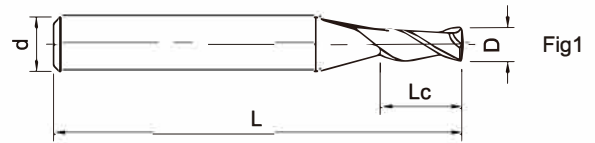
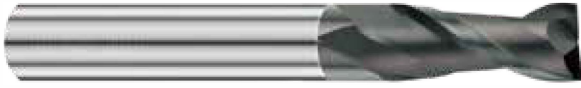


DE

2 FLUTES

通用系列 · D 超微粒立銑刀

- ▶ 通用型銑刀適用於全系鋼材熱處理前加工，U槽結構設計，開粗、精銑均適用。
- ▶ 同時適用於非鋼鋁類材料的加工，規格型號齊全，使用範圍十分廣泛。
- ▶ General purpose milling cutters are suitable for the pre-processing of all series of steel materials. U-slot structure design is suitable for roughing and finishing milling; It is also suitable for the processing of non-steel and aluminum materials. It has a complete range of specifications and a wide range of applications.



Unit : mm

型號 Type No.	刃徑 Diameter D	刃長 Flute length Lc	全長 Overall length L	柄徑 Shank Dia d
DE0102A	D1.0	3	L50	4
DE0152A	D1.5	4	L50	4
DE0202A	D2.0	6	L50	4
DE0252A	D2.5	6	L50	4
DE0302Z	D3.0	8	L50	3
DE0352A	D3.5	10	L50	4
DE0352	D3.5	10	L50	6
DE0402A	D4.0	10	L50	4
DE0402	D4.0	10	L50	6
DE0452	D4.5	11	L50	6
DE0502Z	D5.0	13	L50	5
DE0552	D5.5	15	L50	6
DE0602	D6.0	15	L50	6
DE0702	D7.0	18	L60	8
DE0802	D8.0	20	L60	8
DE0902	D9.0	23	L75	10
DE1002	D10.0	25	L75	10
DE1102	D11.0	30	L75	12
DE1202	D12.0	30	L75	12
DE1402	D14.0	35	L100	14
DE1602	D16.0	45	L100	16
DE1802	D18.0	45	L100	18
DE2002	D20.0	50	L100	20

鑄鉄、碳素鋼 (~22HRC) S50C/HT250/Q235	合金鋼、工具鋼 (25~35HRC) P20/H13/D2	調質鋼、預硬鋼 (35~45HRC) NAK80/718H/FDAC	熱處理鋼 (45~55HRC) SKD61/1.2343ESR	熱處理鋼 (55~65HRC) SKD11/SK51	不銹鋼 (~30HRC) SUS304/316/316L	鋁合金 (~150HB) 5052/6061/7075	鈦合金 (~32HRC) Ti-6Al-4V	銅、銅合金 C11000 B152C11000
◎	◎	◎	○	○	◎	----	----	◎

◎ 最適合 Most Suitable ○ 適合 Suitable ---- 不適合 Not Suitable

※ 推薦的切削參數詳見130頁



大螺旋設計

Large spiral design

- 降低切削阻力，实现稳定的长寿命加工
- Reduce cutting resistance and achieve stable and long-life machining

中心部2刃樣式

2 edge styles at the center

- 平面加工中可以加工出光洁表面，提高加工面精度。
- 中心部2刃设计确保排屑槽，抑制切屑堵塞
- Smooth and clean surface can be machined in plane machining, and the accuracy of the machining surface can be improved;
- 2 edge designs at the center ensure chip grooves and suppress chip clogging

優良的生產精度控制

Excellent production precision control

- 实现更高精度加工要求
- To achieve higher precision machining requirements

不等分割刃型

Unequal splitting blade type

- 利用多刃化抑制震动，实现高效率加工
- Desiuse multiple blades to suppress vibration and achieve high efficiency processing

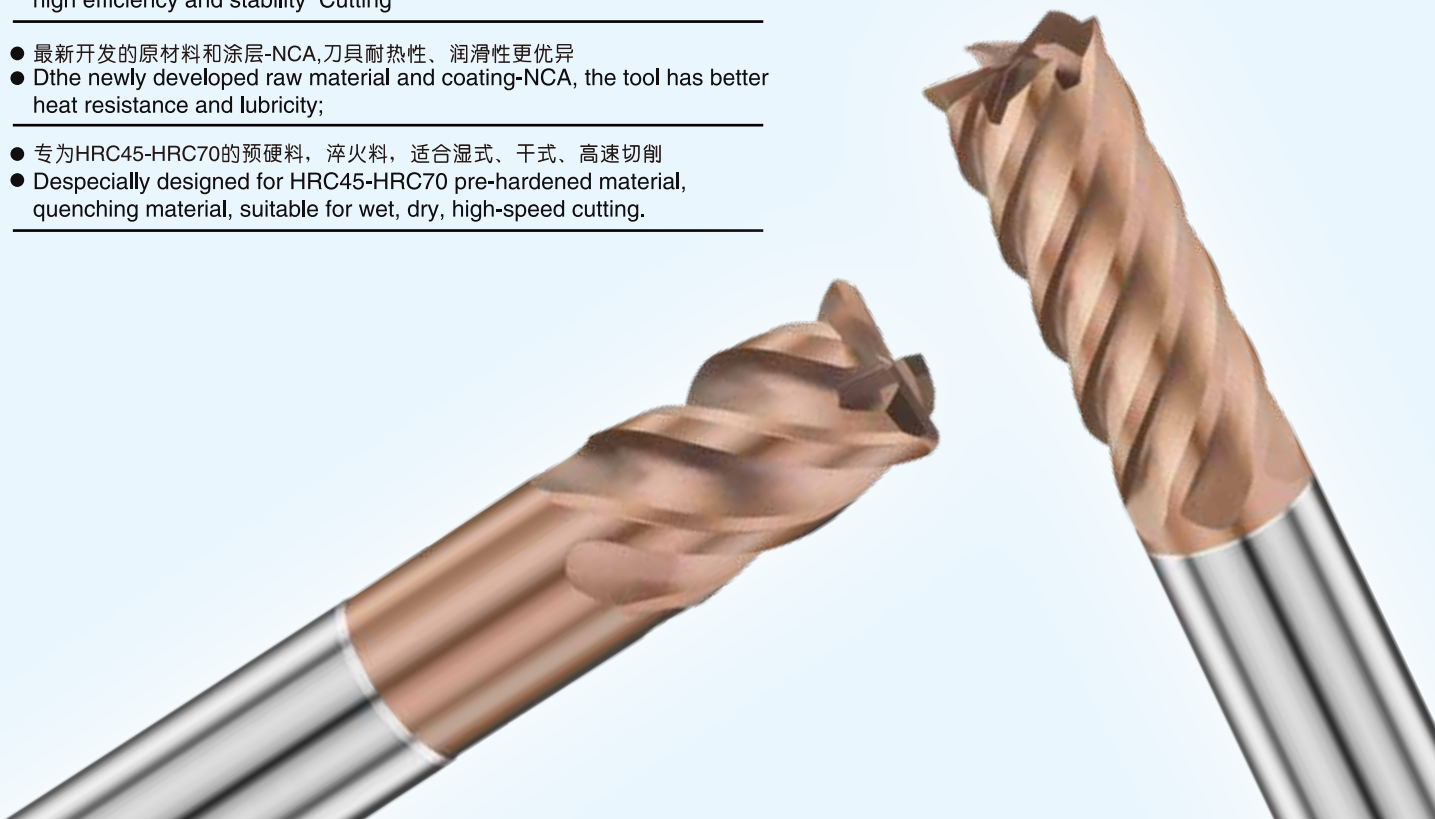
2021
新品推薦

高硬高精度系列 · N
HIGH-HARDNESS AND HIGH-PRECISION N SERIES

- 采用不等分割，可变螺旋，U型槽设计，实现高效率且稳定的切割
- Use unequal splitting, variable spiral, U-shaped groove design to achieve high efficiency and stability Cutting

- 最新开发的原材料和涂层-NCA,刀具耐热性、润滑性更优异
- Dthe newly developed raw material and coating-NCA, the tool has better heat resistance and lubricity;

- 专为HRC45-HRC70的预硬料，淬火料，适合湿式、干式、高速切削
- Despecially designed for HRC45-HRC70 pre-hardened material, quenching material, suitable for wet, dry, high-speed cutting.

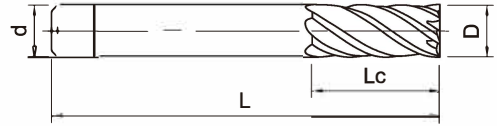


NE

6 FLUTES

高硬高精度系列 · N 極超微粒強力型立銑刀

- ▶ 採用短刃加避空設計，大幅提升刀具耐磨性，同時可獲得更高要求工件表面質量。
- ▶ 主要針對HRC45~70的淬硬鋼材加工，特別適用於需長時間加工的精密模具零件。
- ▶ The short edge and avoidance design is adopted to greatly improve the wear resistance of the tool, and at the same time, it can obtain higher surface quality of the workpiece;
- ▶ Mainly for the processing of HRC45~70 hardened steel, especially suitable for precision mold parts that need to be processed for a long time.



Unit : mm

型號 Type No.	刃徑 Diameter D	刃長 Flute length Lc	頸徑 Neck Dia. D1	有效長 Effective length L1	全長 Overall length L	柄徑 Shank Dia d
NE0606	D6.0	15	--	--	L60	6
NE0806	D8.0	20	--	--	L60	8
NE1006	D10.0	25	--	--	L75	10
NE1206	D12.0	30	--	--	L75	12
NE1406	D14.0	35	--	--	L100	14
NE1606	D16.0	40	--	--	L100	16
NE2006	D20.0	45	--	--	L100	20

鑄鉄、碳素鋼 (~22HRC) S50C/HT250/Q235	合金鋼、工具鋼 (25~35HRC) P20/H13/D2	調質鋼、預硬鋼 (35~45HRC) NAK80/718H/FDAC	熱處理鋼 (45~55HRC) SKD61/1.2343ESR	熱處理鋼 (55~65HRC) SKD11/SK51	不銹鋼 (~30HRC) SUS304/316/316L	鋁合金 (~150HB) 5052/6061/7075	鈦合金 (~32HRC) Ti-6Al-4V	銅、銅合金 C11000 B152C11000
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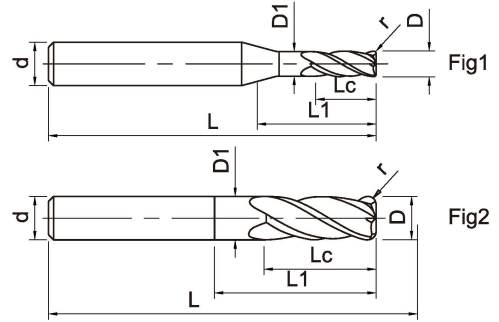
※ 推薦的切削參數詳見128頁

NRBH NRBI

4 FLUTES

高硬高精度系列 · N
極超微粒長柄圓鼻銑刀

- ▶ 採用短刃加避空設計，大幅提升刀具耐磨性，同時可獲得更高要求工件表面質量。
- ▶ 主要針對HRC45~70的淬硬鋼材加工，特別適用於需長時間加工的精密模具零件。
- ▶ The short edge and avoidance design is adopted to greatly improve the wear resistance of the tool, and at the same time, it can obtain higher surface quality of the workpiece;
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Unit : mm

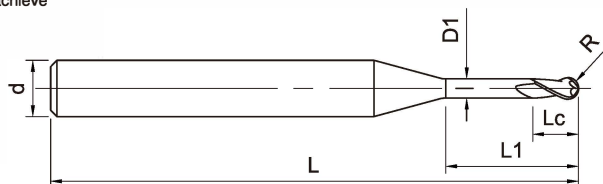
型號 Type No.	刃徑 Diameter D	R角 Corner R R	刃長 Flute length Lc	頸徑 Neck Dia. D1	有效長 Effective length L1	全長 Overall length L	柄徑 Shank Dia d
NRBH0402A	D4.0	R0.2	8	3.9	12	L75	4
NRBH0405A	D4.0	R0.5	8	3.9	12	L75	4
NRBH0602	D6.0	R0.2	12	5.85	20	L75	6
NRBH0605	D6.0	R0.5	12	5.85	20	L75	6
NRBH0610	D6.0	R1.0	12	5.85	20	L75	6
NRBH0802	D8.0	R0.2	12	7.85	24	L75	8
NRBH0805	D8.0	R0.5	12	7.85	24	L75	8
NRBH0810	D8.0	R1.0	12	7.85	24	L75	8
NRBI0602	D6.0	R0.2	12	5.85	20	L100	6
NRBI0605	D6.0	R0.5	12	5.85	20	L100	6
NRBI0610	D6.0	R1.0	12	5.85	20	L100	6
NRBI0802	D8.0	R0.2	16	7.85	24	L100	8
NRBI0805	D8.0	R0.5	16	7.85	24	L100	8
NRBI0810	D8.0	R1.0	16	7.85	24	L100	8
NRBI1002	D10.0	R0.2	20	9.7	30	L100	10
NRBI1005	D10.0	R0.5	20	9.7	30	L100	10
NRBI1010	D10.0	R1.0	20	9.7	30	L100	10
NRBI1205	D12.0	R0.5	24	11.7	36	L100	12
NRBI1210	D12.0	R1.0	24	11.7	36	L100	12

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※ 推薦的切削參數詳見129頁

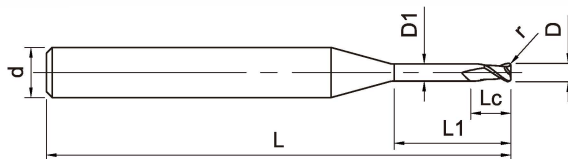
- ▶ 先進研磨工藝實現超高刃徑及柄徑精度，適用於精密模具及零部件加工。
- ▶ 採用高耐磨塗層，圓弧過渡結構確保擁有較高的耐折損性，實現淬硬鋼材的長時間切削。
- ▶ Advanced grinding technology to achieve ultra-high blade diameter and shank diameter accuracy, suitable for precision molds and parts processing;
- ▶ High wear-resistant coating, arc transition structure to ensure high breakage resistance, to achieve Long-term cutting of hardened steel.



Unit : mm

型號 Type No.	刃徑 Diameter	刃長 Flute length	頸徑 Neck Dia.	有效長 Effective length	全長 Overall length	柄徑 Shank Dia
	D	Lc	D1	L1	L	d
HBM0201A	R0.1	0.2	0.18	1	L50	4
HBM0202A	R0.1	0.2	0.18	2	L50	4
HBM0301A	R0.15	0.3	0.27	1	L50	4
HBM0302A	R0.15	0.3	0.27	2	L50	4
HBM0402A	R0.2	0.4	0.37	2	L50	4
HBM0404A	R0.2	0.4	0.37	4	L50	4
HBM0502A	R0.25	0.5	0.46	2	L50	4
HBM0504A	R0.25	0.5	0.46	4	L50	4
HBM0506A	R0.25	0.5	0.46	6	L50	4
HBM0602A	R0.3	0.6	0.55	2	L50	4
HBM0604A	R0.3	0.6	0.55	4	L50	4
HBM0606A	R0.3	0.6	0.55	6	L50	4
HBM0608A	R0.3	0.6	0.55	8	L50	4
HBM0804A	R0.4	0.8	0.75	4	L50	4
HBM0806A	R0.4	0.8	0.75	6	L50	4
HBM0808A	R0.4	0.8	0.75	8	L50	4
HBM0810A	R0.4	0.8	0.75	10	L50	4
HBM1004A	R0.5	1	0.95	4	L50	4
HBM1006A	R0.5	1	0.95	6	L50	4
HBM1008A	R0.5	1	0.95	8	L50	4
HBM1010A	R0.5	1	0.95	10	L50	4
HBM1012A	R0.5	1	0.95	12	L50	4
HBM1016A	R0.5	1	0.95	16	L50	4
HBM1506A	R0.75	1.5	1.45	6	L50	4
HBM1508A	R0.75	1.5	1.45	8	L50	4
HBM1510A	R0.75	1.5	1.45	10	L50	4
HBM1512A	R0.75	1.5	1.45	12	L50	4
HBM1516A	R0.75	1.5	1.45	16	L50	4
HBM1518A	R0.75	1.5	1.45	18	L50	4
HBM1520A	R0.75	1.5	1.45	20	L50	4
HBM2008A	R1.0	2	1.95	8	L50	4
HBM2010A	R1.0	2	1.95	10	L50	4
HBM2012A	R1.0	2	1.95	12	L50	4
HBM2016A	R1.0	2	1.95	16	L50	4
HBM2020A	R1.0	2	1.95	20	L50	4
HBM3010A	R1.5	3	2.85	10	L50	4
HBM3012A	R1.5	3	2.85	12	L50	4
HBM3016A	R1.5	3	2.85	16	L50	4
HBM3020	R1.5	3	2.85	20	L60	6
HBM3026	R1.5	3	2.85	26	L60	6
HBM3030	R1.5	3	2.85	30	L60	6
HBM4016	R2.0	4	3.85	16	L60	6
HBM4020	R2.0	4	3.85	20	L60	6
HBM4026	R2.0	4	3.85	26	L60	6
HBM4030	R2.0	4	3.85	30	L60	6

- ▶ 先進研磨工藝實現超高刃徑及柄徑精度，適用於精密模具及零部件加工。
- ▶ 採用高耐磨塗層，圓弧過渡結構確保擁有較高的耐折損性，實現淬硬鋼材的長時間切削。
- ▶ Advanced grinding technology to achieve ultra-high blade diameter and shank diameter accuracy, suitable for precision molds and parts processing;
- ▶ High wear-resistant coating, arc transition structure to ensure high breakage resistance, to achieve Long-term cutting of hardened steel.



Unit : mm

型號 Type No.	刃徑 Diameter D	R角 Corner R R	刃長 Flute length L1	頸徑 Neck Dia. D1	有效長 Effective length Lc	全長 Overall length L	柄徑 Shank Dia d
HRMA100402A	D1.0	R0.2	1.5	0.95	4	L50	4
HRMA100602A	D1.0	R0.2	1.5	0.95	6	L50	4
HRMA100802A	D1.0	R0.2	1.5	0.95	8	L50	4
HRMA101002A	D1.0	R0.2	1.5	0.95	10	L50	4
HRMA101202A	D1.0	R0.2	1.5	0.95	12	L50	4
HRMA101602A	D1.0	R0.2	1.5	0.95	16	L50	4
HRMA150602A	D1.5	R0.2	2.3	1.45	6	L50	4
HRMA150802A	D1.5	R0.2	2.3	1.45	8	L50	4
HRMA151002A	D1.5	R0.2	2.3	1.45	10	L50	4
HRMA151202A	D1.5	R0.2	2.3	1.45	12	L50	4
HRMA151602A	D1.5	R0.2	2.3	1.45	16	L50	4
HRMA151802A	D1.5	R0.2	2.3	1.45	18	L50	4
HRMA152002A	D1.5	R0.2	2.3	1.45	20	L50	4
HRMA200802A	D2.0	R0.2	3	1.95	8	L50	4
HRMA201002A	D2.0	R0.2	3	1.95	10	L50	4
HRMA201202A	D2.0	R0.2	3	1.95	12	L50	4
HRMA201602A	D2.0	R0.2	3	1.95	16	L50	4
HRMA201802A	D2.0	R0.2	3	1.95	18	L50	4
HRMA202002A	D2.0	R0.2	3	1.95	20	L50	4
HRMA301002A	D3.0	R0.2	4.5	2.85	10	L50	4
HRMA301202A	D3.0	R0.2	4.5	2.85	12	L50	4
HRMA301602A	D3.0	R0.2	4.5	2.85	16	L50	4
HRMA302002	D3.0	R0.2	4.5	2.85	20	L60	6
HRMA302602	D3.0	R0.2	4.5	2.85	26	L60	6
HRMA303002	D3.0	R0.2	4.5	2.85	30	L60	6
HRMA301005A	D3.0	R0.5	4.5	2.85	10	L50	4
HRMA301205A	D3.0	R0.5	4.5	2.85	12	L50	4
HRMA301605A	D3.0	R0.5	4.5	2.85	16	L50	4
HRMA302005	D3.0	R0.5	4.5	2.85	20	L60	6
HRMA302605L	D3.0	R0.5	4.5	2.85	26	L75	6
HRMA303005L	D3.0	R0.5	4.5	2.85	30	L75	6
HRMA401602L	D4.0	R0.2	6	3.85	16	L75	6
HRMA402002L	D4.0	R0.2	6	3.85	20	L75	6
HRMA402602L	D4.0	R0.2	6	3.85	26	L75	6
HRMA403002L	D4.0	R0.2	6	3.85	30	L75	6
HRMA401605L	D4.0	R0.5	6	3.85	16	L75	6
HRMA402005L	D4.0	R0.5	6	3.85	20	L75	6
HRMA402605L	D4.0	R0.5	6	3.85	26	L75	6
HRMA403005L	D4.0	R0.5	6	3.85	30	L75	6

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○	◎	◎	◎	○	○	---	---	◎

◎ 最適合 Most Suitable

○ 適合 Suitable

不適合 Not Suitable

※ 推薦的切削參數詳見144頁

難加工材料系列

DIFFICULT-TO-MACHINE MATERIAL SERIES

- ▶ 採用可變螺旋角加不等分刃設計，帶來完美抗振性能，主要針對難加工材料。
- ▶ 超大容屑空間獲得優異的排屑性能，並同時兼具高速加工及強力粗加工性能。
- ▶ Adopts variable helix angle and unequal cutting edge design to bring perfect anti-vibration performance, mainly for stainless steel processing
- ▶ Super large chip space to obtain excellent chip removal performance, and at the same time high-speed processing and strong roughness Processing performance

航空航天、軍工、醫療



Via Enrico Fermi, 13 - Cassina de' Pecchi (MI)
T. +39 02 9634 1011
info@ugrutenleria.it
vendite@ugrutenleria.it
P.I./C.F. 10736590158
www.ugrutenleria.it

