N620
奈米鎢鋼銑刀系列

Nano Carbide End Mills Series

高硬度鋼材(調質鋼)45~65HRC

For hardened steel (45~65HRC) machining.

包裝盒蓋 / 紅色

Color of N620 packaging box / Red

產品選擇表 Product Selection Table

刀型 Type	刃數 Flute	型號 Model Number	產品類別 Product Classification	形狀 Appearance	尺寸 Size	頁數 Page
N620 奈米鎢鋼銑刀系列 N620 Carbide End Mills Series 應用於高硬材質(45~63HRC)加工 For Hardened Steel (45~63HRC) Machining.						
平刀 Square	二刃 2 Flutes	NESDM20000A	短刃型(小R角) -Short Flute		Ø1 ~ Ø4	148
		NESD20000A	短刃型(小R角) -Short Flute		Ø6 ~ Ø12	148
	三刃 3 Flutes	NESD30000A	短刃型(小R角) -Short Flute		Ø3 ~ Ø12	148
	四刃 4 Flutes	NESD(M)40000A	短刃型(小R角) -Short Flute NEW SIZE		Ø1 ~ Ø12	149
	四刃 4 Flutes	NED(M)40000A	短刃型(無R角) -Short Flute		Ø1 ~ Ø12	153
	六刃 6 Flutes	NEHD60000A	短刃型(小R角) -Short Flute		Ø6 ~ Ø20	150
長頸平刀 Long Neck Square	二刃 2 Flutes	NESND20000000A	短刃型(小R角) -Short Flute		Ø0.5 ~ Ø5.0	151
球刀 Ball	二刃 2 Flutes	NEB20000A	標準型 -Standard		1R ~ 6R	153
		NEBDM20000A	短刃型 -Short Flute NEW SIZE		0.05R ~ 2.0R	152
		NEBD20000A	短刃型 -Short Flute		1R ~ 6R	152
長柄球刀 Long Shank Ball	二刃 2 Flutes	NEBL20000A	標準型 -Standard		1R ~ 6R	155
		NEBDML20000A	短刃型 -Short Flute		0.5R ~ 1.5R	154
		NEBDL20000A	短刃型 -Short Flute		1R ~ 6R	154
長頸球刀 Long Neck Ball	二刃 2 Flutes	NEBND20000000A	短刃型 -Short Flute		0.3R ~ 3.0R	156
圓鼻刀 Corner Radius	四刃 4 Flutes	NECDM4000000A	短刃型 -Short Flute NEW SIZE		Ø1 ~ Ø4	157
		NECD40000000A	短刃型 -Short Flute		Ø3 ~ Ø12	157
平刀 Square	四刃 4 Flutes	NEDY(M)40000A	高精度型 -High Tolerance		Ø1 ~ Ø12	158
球刀 Ball	二刃 2 Flutes	NEBDY(M)20000A	高精度型 -High Tolerance		0.05R ~ 6.0R	159

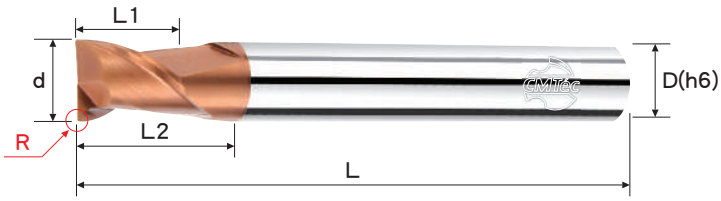
碳素鋼 Carbon Steels (<20HRC) P Carbon Steels (<20HRC)	合金鋼 Alloy Steels (20~30HRC) P Alloy Steels (20~30HRC)	合金鋼 Alloy Steels (30~45HRC) P Alloy Steels (30~45HRC)	調質鋼 Hardened Steels (45~55HRC) H Hardened Steels (45~55HRC)	調質鋼 Hardened Steels (55~65HRC) H Hardened Steels (55~65HRC)	不銹鋼 Stainless Steels M Stainless Steels	鑄鐵 Cast Iron K Cast Iron	鋁合金 Aluminum Alloys N Aluminum Alloys	銅 Copper N Copper	非金屬 Non-metal X Non-metal	高溫合金 High-Temp Alloys S High Temp Alloys	冷卻方式推薦 Suitable Coolant	加工型態 Type of Finishing A	B	C	D
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	—	○	◎	◎
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	—	○	◎	◎
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	—	◎	◎	○
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	—	◎	◎	○
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	—	◎	◎	○
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	—	○	◎	◎
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	○
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	○
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	—	◎	◎	○
○	○	◎	◎	◎	—	◎	—	—	—	○	乾式 / 濕式 (Dry / Wet)	○	◎	○	—

加工型態 Type of Finishing → A=超精銑 Bright Finishing B=精銑 Finishing C=中銑 Semi Finishing D=粗銑 Roughing

N620 奈米鎢鋼平銑刀- 短刃型- 2刃

N620 NANO CARBIDE END MILLS- Square Type- Short Flute- With Corner Radii- 2F

· NESDM20000A
· NESD20000A



刃徑 d	公差 Tolerance
Φ<3	0 ~ -0.015
3≦Φ≦10	0 ~ -0.03
10<Φ	0 ~ -0.03

半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	—
精銑 Finishing	○
中銑 Semi Finishing	◎
粗銑 Roughing	◎

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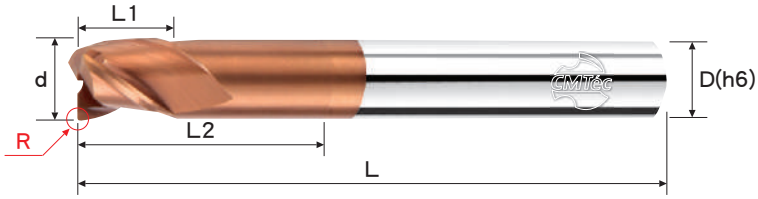
刃徑 d	R角 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
1.0	0.1R	1	2	50	4	2	NESDM20100A
2.0	0.1R	2	4	50	4	2	NESDM20200A
3.0	0.1R	3	6	50	4	2	NESDM20300A
4.0	0.2R	4	8	50	4	2	NESDM20400A
6.0	0.2R	6	12	50	6	2	NESD20600A
8.0	0.3R	8	16	60	8	2	NESD20800A
10.0	0.3R	10	20	75	10	2	NESD21000A
12.0	0.3R	12	24	75	12	2	NESD21200A

N620 奈米鎢鋼平銑刀- 短刃型- 3刃

N620 NANO CARBIDE END MILLS- Square Type- Short Flute- With Corner Radii- 3F

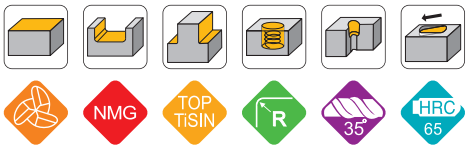
· NESD30000A



刃徑 d	公差 Tolerance
Φ<3	0 ~ -0.015
3≦Φ≦10	0 ~ -0.03
10<Φ	0 ~ -0.03

半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	—
精銑 Finishing	◎
中銑 Semi Finishing	◎
粗銑 Roughing	○



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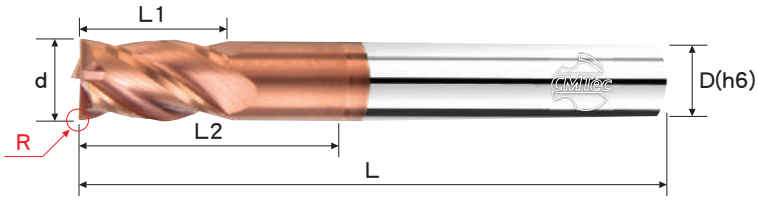
刃徑 d	R角 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
3.0	0.1R	3	9	50	6	3	NESD30300A
4.0	0.2R	4	12	50	6	3	NESD30400A
6.0	0.2R	6	18	50	6	3	NESD30600A
8.0	0.3R	8	24	60	8	3	NESD30800A
10.0	0.3R	10	30	75	10	3	NESD31000A
12.0	0.3R	12	36	75	12	3	NESD31200A

➡ 切削條件表 Cutting Condition P.551, 552
➡ 技術資料 Technical Data P.622

N620 奈米鎢鋼平銑刀- 短刃型- 4刃

N620 NANO CARBIDE END MILLS- Square Type- Short Flute- With Corner Radii- 4F

· NESD40000A



刃徑 d	公差 Tolerance
Φ<3	0 ~ -0.015
3≦Φ≦10	0 ~ -0.03
10<Φ	0 ~ -0.03

半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	—
精銑 Finishing	◎
中銑 Semi Finishing	◎
粗銑 Roughing	○

NMG TOP TiSiN R 35° HRC 65 Milling Table 36

NEW SIZE

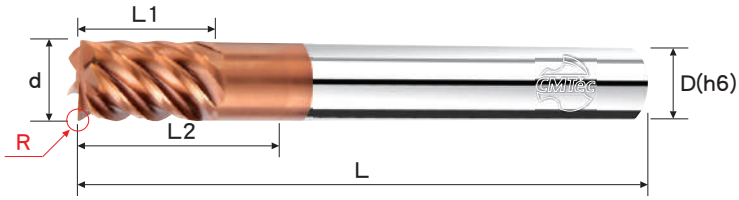
刃徑 d	R角 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
1.0	0.1R	1.0	2	50	4	4	NESDM40100A
1.5	0.1R	1.5	3	50	4	4	NESDM40150A
2.0	0.1R	2.0	4	50	4	4	NESDM40200A
2.5	0.1R	2.5	5	50	4	4	NESDM40250A
3.0	0.1R	4.0	8	50	4	4	NESDM40300A
4.0	0.2R	5.0	10	50	4	4	NESDM40400A
3.0	0.1R	4.0	8	50	6	4	NESD40300A
4.0	0.2R	5.0	10	50	6	4	NESD40400A
5.0	0.2R	7.0	14	50	6	4	NESD40500A
6.0	0.2R	8.0	16	50	6	4	NESD40600A
8.0	0.3R	12.0	24	60	8	4	NESD40800A
10.0	0.3R	16.0	32	75	10	4	NESD41000A
12.0	0.3R	18.0	36	75	12	4	NESD41200A

切削條件表 Cutting Condition P.552
技術資料 Technical Data P.622

N620 奈米鎢鋼平銑刀- 高導短刃型- 6刃

N620 NANO CARBIDE END MILLS- Square Type- High Helix- Short Flute- With Corner Radii- 6F

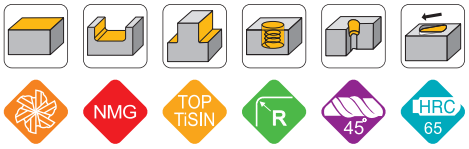
· NEHD60000A



刃徑 d	公差 Tolerance
Φ<3	0 ~ -0.015
3≦Φ≦10	0 ~ -0.03
10<Φ	0 ~ -0.03

半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	—



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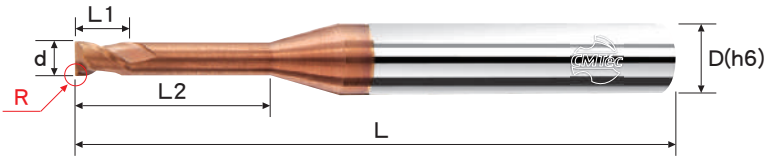
刃徑 d	R角 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
6.0	0.2R	9	15	50	6	6	NEHD60600A
8.0	0.3R	12	20	60	8	6	NEHD60800A
10.0	0.3R	15	25	75	10	6	NEHD61000A
12.0	0.3R	18	30	75	12	6	NEHD61200A
16.0	0.5R	24	40	100	16	6	NEHD61600A
20.0	0.5R	30	50	100	20	6	NEHD62000A

切削條件表 Cutting Condition P.553
技術資料 Technical Data P.622

N620 奈米鎢鋼平銑刀- 短刃長頸型- 2刃

N620 NANO CARBIDE END MILLS- Square Type- Short Flute- Long Neck- With Corner Radii- 2F

· NESND2 0000000 A



刃徑 d	公差 Tolerance
Φ<3	0 ~ -0.015
3≦Φ≦10	0 ~ -0.03
10<Φ	0 ~ -0.03

半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	—
精銑 Finishing	○
中銑 Semi Finishing	◎
粗銑 Roughing	◎

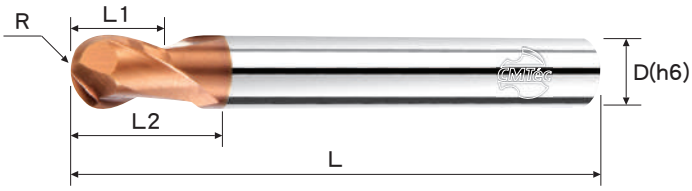
刃徑 d	R角 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
0.5	0.1R	1.0	2	50	4	2	NESND20050020A
0.5	0.1R	1.0	4	50	4	2	NESND20050040A
1.0	0.1R	1.5	4	50	6	2	NESND20100040A
1.0	0.1R	1.5	6	50	6	2	NESND20100060A
1.0	0.1R	1.5	8	50	6	2	NESND20100080A
1.5	0.1R	1.5	4	50	6	2	NESND20150040A
1.5	0.1R	1.5	8	50	6	2	NESND20150080A
2.0	0.2R	2.0	8	50	6	2	NESND20200080A
2.0	0.2R	2.0	10	50	6	2	NESND20200100A
2.0	0.2R	2.0	12	50	6	2	NESND20200120A
3.0	0.2R	3.0	8	50	6	2	NESND20300080A
3.0	0.2R	3.0	12	50	6	2	NESND20300120A
3.0	0.2R	3.0	16	50	6	2	NESND20300160A
3.0	0.2R	3.0	20	50	6	2	NESND20300200A
4.0	0.3R	4.0	16	60	6	2	NESND20400160A
4.0	0.3R	4.0	20	60	6	2	NESND20400200A
4.0	0.3R	4.0	26	75	6	2	NESND20400260A
5.0	0.3R	5.0	20	75	6	2	NESND20500200A
5.0	0.3R	5.0	30	75	6	2	NESND20500300A
5.0	0.3R	5.0	40	75	6	2	NESND20500400A

切削條件表 Cutting Condition P.554
技術資料 Technical Data P.622

N620 奈米鎢鋼球型銑刀- 短刃型- 2刃

N620 NANO CARBIDE END MILLS- Ball Nose- Short Flute- 2F

· NEBDM20000A
· NEBD20000A



半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	—

NMG TOP TiSiN 30° HRC 65 Milling Table 39

NEW SIZE

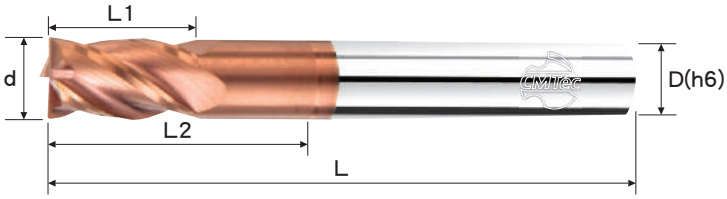
半徑 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
0.05R	0.1	0.2	50	4	2	NEBDM20005A
0.1R	0.2	0.4	50	4	2	NEBDM20010A
0.15R	0.3	0.6	50	4	2	NEBDM20015A
0.2R	0.4	0.8	50	4	2	NEBDM20020A
0.25R	0.5	1.0	50	4	2	NEBDM20025A
0.3R	0.6	1.2	50	4	2	NEBDM20030A
0.35R	0.7	1.4	50	4	2	NEBDM20035A
0.4R	0.8	1.6	50	4	2	NEBDM20040A
0.45R	0.9	1.8	50	4	2	NEBDM20045A
0.5R	1.0	2.0	50	4	2	NEBDM20050A
0.75R	1.5	3.0	50	4	2	NEBDM20075A
1.0R	2.0	4.0	50	4	2	NEBDM20100A
1.5R	3.0	6.0	50	4	2	NEBDM20150A
2.0R	4.0	8.0	50	4	2	NEBDM20200A
1.0R	2.0	4.0	50	6	2	NEBD20100A
1.5R	3.0	6.0	50	6	2	NEBD20150A
2.0R	4.0	8.0	50	6	2	NEBD20200A
2.5R	5.0	10.0	50	6	2	NEBD20250A
3.0R	6.0	12.0	50	6	2	NEBD20300A
4.0R	8.0	16.0	60	8	2	NEBD20400A
5.0R	10.0	20.0	75	10	2	NEBD20500A
6.0R	12.0	24.0	75	12	2	NEBD20600A

切削條件表 Cutting Condition P.554
技術資料 Technical Data P.622

N620 奈米鎢鋼平銑刀- 短刃型- 4刃

N620 NANO CARBIDE END MILLS- Square Type- Short Flute- 4F

· NEDM40000A
· NED40000A



刃徑 d	公差 Tolerance
Φ<3	0 ~ -0.015
3≦Φ≦10	0 ~ -0.03
10<Φ	0 ~ -0.03

超精銑 Bright Finishing	—
精銑 Finishing	◎
中銑 Semi Finishing	◎
粗銑 Roughing	○

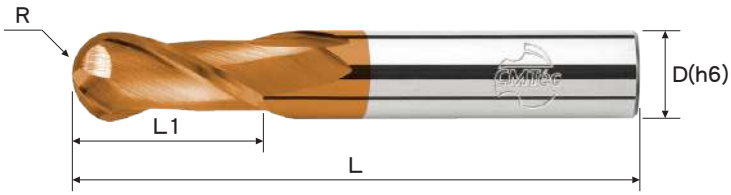
NMG TOP TiSiN 35° HRC 65 Milling Table 36

刃徑 d	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
1.0	1.0	2	50	4	4	NEDM40100A
1.5	1.5	3	50	4	4	NEDM40150A
2.0	2.0	4	50	4	4	NEDM40200A
2.5	2.5	5	50	4	4	NEDM40250A
3.0	3.0	8	50	6	4	NED40300A
4.0	4.0	10	50	6	4	NED40400A
5.0	5.0	14	50	6	4	NED40500A
6.0	6.0	16	50	6	4	NED40600A
8.0	8.0	24	60	8	4	NED40800A
10.0	10.0	32	75	10	4	NED41000A
12.0	12.0	36	75	12	4	NED41200A

N620 奈米鎢鋼球型銑刀- 標準型- 2刃

N620 NANO CARBIDE END MILLS- Ball Nose- 2F

· NEB20000A



半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	—

NMG TOP TiSiN 30° HRC 65 Milling Table 39

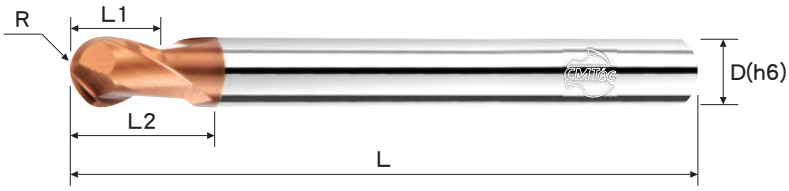
半徑 R	刃長 L1	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
1.0R	4	50	6	2	NEB20100A
1.5R	6	50	6	2	NEB20150A
2.0R	8	50	6	2	NEB20200A
3.0R	12	50	6	2	NEB20300A
4.0R	16	60	8	2	NEB20400A
5.0R	20	75	10	2	NEB20500A
6.0R	24	75	12	2	NEB20600A

切削條件表 Cutting Condition P.552, 554
技術資料 Technical Data P.622

N620 奈米鎢鋼球型銑刀- 短刃長柄型- 2刃

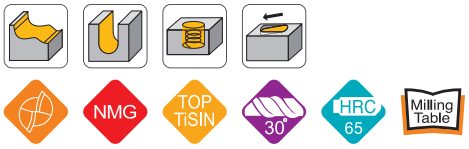
N620 NANO CARBIDE END MILLS- Ball Nose- Short Flute- Long Shank- 2F

· NEBDML20000A
· NEBDL20000A



半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	—



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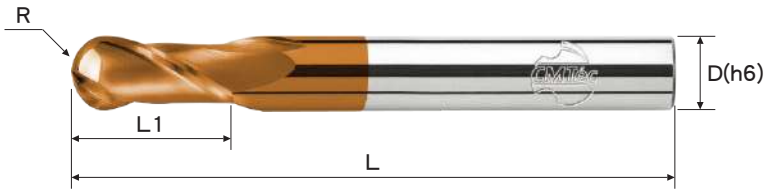
半徑 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
0.5R	1	2	75	4	2	NEBDML20050A
1.0R	2	4	75	4	2	NEBDML20100A
1.5R	3	6	75	4	2	NEBDML20150A
1.0R	2	4	75	6	2	NEBDL20100A
1.5R	3	6	75	6	2	NEBDL20150A
2.0R	4	8	75	6	2	NEBDL20200A
2.5R	5	10	75	6	2	NEBDL20250A
3.0R	6	12	75	6	2	NEBDL20300A
4.0R	8	16	100	8	2	NEBDL20400A
5.0R	10	20	100	10	2	NEBDL20500A
6.0R	12	24	100	12	2	NEBDL20600A

切削條件表 Cutting Condition P.554
技術資料 Technical Data P.622

N620 奈米鎢鋼球型銑刀- 標準/長柄型- 2刃

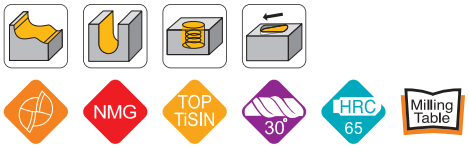
N620 NANO CARBIDE END MILLS- Ball Nose- Long Shank- 2F

· NEBL20000A



半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	—



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半徑 R	刃長 L1	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
1.0R	4	75	6	2	NEBL20100A
1.5R	6	75	6	2	NEBL20150A
2.0R	8	75	6	2	NEBL20200A
3.0R	12	75	6	2	NEBL20300A
4.0R	16	100	8	2	NEBL20400A
5.0R	20	100	10	2	NEBL20500A
6.0R	24	100	12	2	NEBL20600A

切削條件表 Cutting Condition P.554
技術資料 Technical Data P.622

N620 奈米鎢鋼球型銑刀- 短刃長頸型- 2刃

N620 NANO CARBIDE END MILLS- Ball Nose- Short Flute- Long Neck- 2F

· NEBND2 0000000 A

半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	—

NMG TOP TiSiN 30° HRC 65 Milling Table 41

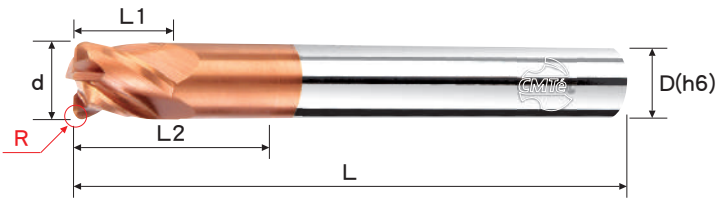
半徑 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
0.3R	0.6	3	50	4	2	NEBND20030030A
0.3R	0.6	4	50	4	2	NEBND20030040A
0.4R	0.8	4	50	4	2	NEBND20040040A
0.4R	0.8	6	50	4	2	NEBND20040060A
0.5R	1.0	4	50	4	2	NEBND20050040A
0.5R	1.0	6	50	4	2	NEBND20050060A
0.5R	1.0	8	50	4	2	NEBND20050080A
0.75R	1.5	6	50	4	2	NEBND20075060A
0.75R	1.5	9	50	4	2	NEBND20075090A
0.75R	1.5	12	50	4	2	NEBND20075120A
1.0R	2.0	8	50	4	2	NEBND20100080A
1.0R	2.0	12	50	4	2	NEBND20100120A
1.0R	2.0	16	50	4	2	NEBND20100160A
1.5R	3.0	12	60	6	2	NEBND20150120A
1.5R	3.0	18	60	6	2	NEBND20150180A
1.5R	3.0	25	75	6	2	NEBND20150250A
2.0R	4.0	16	75	6	2	NEBND20200160A
2.0R	4.0	25	75	6	2	NEBND20200250A
2.0R	4.0	30	75	6	2	NEBND20200300A
2.5R	5.0	20	75	6	2	NEBND20250200A
2.5R	5.0	30	75	6	2	NEBND20250300A
2.5R	5.0	40	75	6	2	NEBND20250400A
3.0R	6.0	30	75	6	2	NEBND20300300A
3.0R	6.0	45	100	6	2	NEBND20300450A

切削條件表 Cutting Condition P.555
技術資料 Technical Data P.622

N620 奈米鎢鋼圓鼻銑刀- 短刃型- 4刃

N620 NANO CARBIDE END MILLS- Corner Radius- Short Flute- 4F

- **NECDM4000000A**
- **NECD4000000A**



刃徑 d	公差 Tolerance
Φ<3	0 ~ -0.015
3≦Φ≦10	0 ~ -0.03
10<Φ	0 ~ -0.03

半徑 R	公差 Tolerance
R	±0.02

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	○

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NEW SIZE

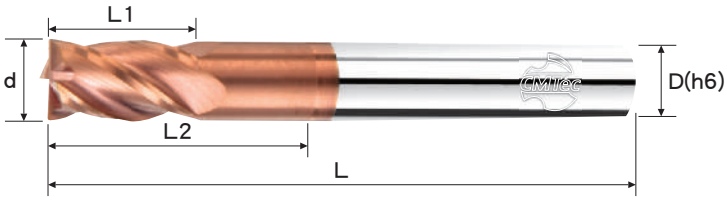
刃徑 d	R角 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
1.0	0.2R	1.0	2.5	50	4	4	NECDM4010002A
1.5	0.15R	1.5	3.5	50	4	4	NECDM40150015A
1.5	0.3R	1.5	3.5	50	4	4	NECDM4015003A
2.0	0.25R	2.0	6.5	50	4	4	NECDM40200025A
2.5	0.25R	2.5	7.5	50	4	4	NECDM40250025A
2.5	0.5R	2.5	7.5	50	4	4	NECDM4025005A
4.0	0.2R	4.0	10.0	50	4	4	NECDM4040002A
3.0	0.25R	3.0	7.5	50	6	4	NECD40300025A
3.0	0.5R	3.0	7.5	50	6	4	NECD4030005A
4.0	0.25R	4.0	10.0	50	6	4	NECD40400025A
4.0	0.5R	4.0	10.0	50	6	4	NECD4040005A
5.0	0.25R	5.0	12.5	50	6	4	NECD40500025A
5.0	0.5R	5.0	12.5	50	6	4	NECD4050005A
6.0	0.5R	6.0	15.0	50	6	4	NECD4060005A
6.0	1.0R	6.0	15.0	50	6	4	NECD4060010A
8.0	0.5R	8.0	20.0	60	8	4	NECD4080005A
8.0	1.0R	8.0	20.0	60	8	4	NECD4080010A
8.0	1.5R	8.0	20.0	60	8	4	NECD4080015A
10.0	0.5R	10.0	25.0	75	10	4	NECD4100005A
10.0	1.0R	10.0	25.0	75	10	4	NECD4100010A
10.0	1.5R	10.0	25.0	75	10	4	NECD4100015A
10.0	2.0R	10.0	25.0	75	10	4	NECD4100020A
12.0	0.5R	12.0	30.0	75	12	4	NECD4120005A
12.0	1.0R	12.0	30.0	75	12	4	NECD4120010A
12.0	1.5R	12.0	30.0	75	12	4	NECD4120015A
12.0	2.0R	12.0	30.0	75	12	4	NECD4120020A

切削條件表 Cutting Condition P.553
技術資料 Technical Data P.622

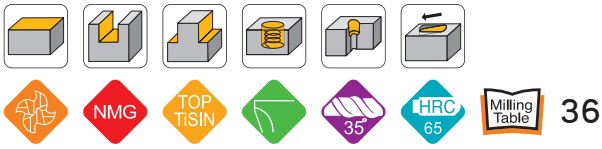
N620 奈米鎢鋼平銑刀- 短刃- 高精度型- 4刃

N620 NANO CARBIDE END MILLS- Square Type- Short Flute- High R Tolerance Type- 4F

· NEDYM40000A
· NEDY40000A



刃徑 d	公差 Tolerance
Φ≦5	0 ~ -0.01
6≦Φ≦12	-0.01 ~ -0.025
13≦Φ≦20	-0.015 ~ -0.03



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超精銑 Bright Finishing	—
精銑 Finishing	◎
中銑 Semi Finishing	◎
粗銑 Roughing	○

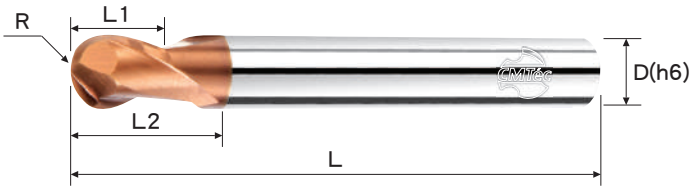
刃徑 d	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
1.0	1.0	2	50	4	4	NEDYM40100A
1.5	1.5	3	50	4	4	NEDYM40150A
2.0	2.0	4	50	4	4	NEDYM40200A
2.5	2.5	5	50	4	4	NEDYM40250A
3.0	3.0	8	50	6	4	NEDY40300A
4.0	4.0	10	50	6	4	NEDY40400A
5.0	5.0	14	50	6	4	NEDY40500A
6.0	6.0	16	50	6	4	NEDY40600A
8.0	8.0	24	60	8	4	NEDY40800A
10.0	10.0	32	75	10	4	NEDY41000A
12.0	12.0	36	75	12	4	NEDY41200A

切削條件表 Cutting Condition P.552
技術資料 Technical Data P.622

N620 奈米鎢鋼球型銑刀- 短刃- 高精度型- 2刃

N620 NANO CARBIDE END MILLS- Ball Nose- Short Flute- High R Tolerance Type- 2F

· NEBDYM20000A
· NEBDY20000A



半徑 R	公差 Tolerance	刃徑 d	公差 Tolerance
0.05~0.5R	±0.005	0.1~1.0	-0.00~-0.01
1.00R	±0.005	2.0	-0.01~-0.02
1.50R	±0.005	3.0	-0.01~-0.02
2.00R	±0.005	4.0	-0.01~-0.02
2.50R	±0.005	5.0	-0.01~-0.02
3.00R	±0.005	6.0	-0.01~-0.02
4.00R	±0.010	8.0	-0.01~-0.03
5.00R	±0.010	10.0	-0.01~-0.03
6.00R	±0.010	12.0	-0.01~-0.03

Milling Table 39

NMG TOP TiSiN 30° HRC 65

超精銑 Bright Finishing	○
精銑 Finishing	◎
中銑 Semi Finishing	○
粗銑 Roughing	—

半徑 R	刃長 L1	有效長 L2	全長 L	柄徑 D	刃數 F	鍍膜訂單編號 Coated Order No.
0.05R	0.1	0.2	50	4	2	NEBDYM20005A
0.1R	0.2	0.4	50	4	2	NEBDYM20010A
0.15R	0.3	0.6	50	4	2	NEBDYM20015A
0.2R	0.4	0.8	50	4	2	NEBDYM20020A
0.25R	0.5	1.0	50	4	2	NEBDYM20025A
0.3R	0.6	1.2	50	4	2	NEBDYM20030A
0.35R	0.7	1.4	50	4	2	NEBDYM20035A
0.4R	0.8	1.6	50	4	2	NEBDYM20040A
0.45R	0.9	1.8	50	4	2	NEBDYM20045A
0.5R	1.0	2.0	50	4	2	NEBDYM20050A
1.0R	2.0	4.0	50	4	2	NEBDYM20100A
1.5R	3.0	6.0	50	4	2	NEBDYM20150A
1.0R	2.0	4.0	50	6	2	NEBDY20100A
1.5R	3.0	6.0	50	6	2	NEBDY20150A
2.0R	4.0	8.0	50	6	2	NEBDY20200A
2.5R	5.0	10.0	50	6	2	NEBDY20250A
3.0R	6.0	12.0	50	6	2	NEBDY20300A
4.0R	8.0	16.0	60	8	2	NEBDY20400A
5.0R	10.0	20.0	75	10	2	NEBDY20500A
6.0R	12.0	24.0	75	12	2	NEBDY20600A

切削條件表 Cutting Condition P.554
技術資料 Technical Data P.622

MEMO