



鎢鋼銑刀系列

Tungsten Carbide End Mills Series

# ST880X-2BN (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 2刃立銑刀

Nanometer, Ultra Micro Grain Carbide, 2 Flute, End Mills

1. 適用對象: 各類模具及各種產業零件
  2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼料
- 高速機專用 For High Speed Cutting



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦鈿) Coating
> ST880X-2BN-D010-L050	D1.0	H2.0	L50	d4.0	2T	TISIN
> ST880X-2BN-D015-L050	D1.5	H3.0	L50	d4.0	2T	TISIN
> ST880X-2BN-D020-L050	D2.0	H5.0	L50	d4.0	2T	TISIN
> ST880X-2BN-D025-L050	D2.5	H6.0	L50	d4.0	2T	TISIN
> ST880X-2BN-D030-L050	D3.0	H6.0	L50	d4.0	2T	TISIN
> ST880X-2BN-D035-L050	D3.5	H8.0	L50	d4.0	2T	TISIN
> ST880X-2BN-D040-L050	D4.0	H8.0	L50	d4.0	2T	TISIN
> ST880X-2BN-D045-L050	D4.5	H10.0	L50	d6.0	2T	TISIN
> ST880X-2BN-D050-L050	D5.0	H10.0	L50	d6.0	2T	TISIN
> ST880X-2BN-D055-L050	D5.5	H12.0	L50	d6.0	2T	TISIN
> ST880X-2BN-D060-L050	D6.0	H12.0	L50	d6.0	2T	TISIN
> ST880X-2BN-D065-L060	D6.5	H14.0	L60	d8.0	2T	TISIN
> ST880X-2BN-D070-L060	D7.0	H14.0	L60	d8.0	2T	TISIN
> ST880X-2BN-D075-L060	D7.5	H16.0	L60	d8.0	2T	TISIN
> ST880X-2BN-D080-L060	D8.0	H16.0	L60	d8.0	2T	TISIN
> ST880X-2BN-D085-L075	D8.5	H18.0	L75	d10.0	2T	TISIN
> ST880X-2BN-D090-L075	D9.0	H18.0	L75	d10.0	2T	TISIN
> ST880X-2BN-D095-L075	D9.5	H22.0	L75	d10.0	2T	TISIN
> ST880X-2BN-D100-L075	D10.0	H22.0	L75	d10.0	2T	TISIN
> ST880X-2BN-D105-L075	D10.5	H24.0	L75	d12.0	2T	TISIN
> ST880X-2BN-D110-L075	D11.0	H24.0	L75	d12.0	2T	TISIN
> ST880X-2BN-D115-L075	D11.5	H24.0	L75	d12.0	2T	TISIN
> ST880X-2BN-D120-L075	D12.0	H24.0	L75	d12.0	2T	TISIN
> ST880X-2BN-D140-L075	D14.0	H30.0	L75	d16.0	2T	TISIN
> ST880X-2BN-D150-L075	D15.0	H30.0	L75	d16.0	2T	TISIN
> ST880X-2BN-D160-L075	D16.0	H30.0	L75	d16.0	2T	TISIN
> ST880X-2BN-D200-L100	D20.0	H40.0	L100	d20.0	2T	TISIN

# ST880X-2BNL (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 長刃型 2刃立銑刀

Nanometer, Ultra Micro Grain Carbide, Long Flute, 2 Flute, End Mills

1. 適用對象: 各類模具及各種產業零件
  2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼
- 高速機專用 For High Speed Cutting



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦鈔) Coating
> ST880X-2BNL-D030-L060	D3.0	H10.0	L60	d6.0	2T	TISIN
> ST880X-2BNL-D040-L060	D4.0	H12.0	L60	d6.0	2T	TISIN
> ST880X-2BNL-D045-L060	D4.5	H15.0	L60	d6.0	2T	TISIN
> ST880X-2BNL-D050-L060	D5.0	H15.0	L60	d6.0	2T	TISIN
> ST880X-2BNL-D055-L060	D5.5	H17.0	L60	d6.0	2T	TISIN
> ST880X-2BNL-D060-L075	D6.0	H25.0	L75	d6.0	2T	TISIN
> ST880X-2BNL-D065-L075	D6.5	H25.0	L75	d8.0	2T	TISIN
> ST880X-2BNL-D070-L075	D7.0	H25.0	L75	d8.0	2T	TISIN
> ST880X-2BNL-D075-L075	D7.5	H25.0	L75	d8.0	2T	TISIN
> ST880X-2BNL-D080-L075	D8.0	H25.0	L75	d8.0	2T	TISIN
> ST880X-2BNL-D080-L100	D8.0	H35.0	L100	d8.0	2T	TISIN
> ST880X-2BNL-D085-L100	D8.5	H35.0	L100	d10.0	2T	TISIN
> ST880X-2BNL-D090-L100	D9.0	H35.0	L100	d10.0	2T	TISIN
> ST880X-2BNL-D095-L100	D9.5	H40.0	L100	d10.0	2T	TISIN
> ST880X-2BNL-D100-L100	D10.0	H40.0	L100	d10.0	2T	TISIN
> ST880X-2BNL-D105-L100	D10.5	H40.0	L100	d12.0	2T	TISIN
> ST880X-2BNL-D110-L100	D11.0	H40.0	L100	d12.0	2T	TISIN
> ST880X-2BNL-D115-L100	D11.5	H45.0	L100	d12.0	2T	TISIN
> ST880X-2BNL-D120-L100	D12.0	H45.0	L100	d12.0	2T	TISIN
> ST880X-2BNL-D140-L100	D14.0	H45.0	L100	d16.0	2T	TISIN
> ST880X-2BNL-D150-L100	D15.0	H45.0	L100	d16.0	2T	TISIN
> ST880X-2BNL-D160-L100	D16.0	H45.0	L100	d16.0	2T	TISIN

# ST880X-4BN (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 4刃立銑刀

Nanometer, Ultra Micro Grain Carbide, 4 Flute, End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 航太零件各種產業零件
2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 焊補鋼料, 熱處理鋼料

■ 高速機專用 For High Speed Cutting



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦矽) Coating
> ST880X-4BN-D010-L050	D1.0	H2.0	L50	d4.0	4T	TISIN
> ST880X-4BN-D015-L050	D1.5	H3.0	L50	d4.0	4T	TISIN
> ST880X-4BN-D020-L050	D2.0	H5.0	L50	d4.0	4T	TISIN
> ST880X-4BN-D025-L050	D2.5	H6.0	L50	d4.0	4T	TISIN
> ST880X-4BN-D030-L050	D3.0	H7.5	L50	d4.0	4T	TISIN
> ST880X-4BN-D035-L050	D3.5	H8.0	L50	d4.0	4T	TISIN
> ST880X-4BN-D040-L050	D4.0	H10.0	L50	d4.0	4T	TISIN
> ST880X-4BN-D045-L050	D4.5	H10.0	L50	d6.0	4T	TISIN
> ST880X-4BN-D050-L050	D5.0	H12.0	L50	d6.0	4T	TISIN
> ST880X-4BN-D055-L050	D5.5	H12.5	L50	d6.0	4T	TISIN
> ST880X-4BN-D060-L050	D6.0	H15.0	L50	d6.0	4T	TISIN
> ST880X-4BN-D070-L060	D7.0	H20.0	L60	d8.0	4T	TISIN
> ST880X-4BN-D080-L060	D8.0	H20.0	L60	d8.0	4T	TISIN
> ST880X-4BN-D100-L075	D10.0	H25.0	L75	d10.0	4T	TISIN
> ST880X-4BN-D120-L075	D12.0	H30.0	L75	d12.0	4T	TISIN
> ST880X-4BN-D140-L080	D14.0	H30.0	L80	d16.0	4T	TISIN
> ST880X-4BN-D160-L100	D16.0	H45.0	L100	d16.0	4T	TISIN
> ST880X-4BN-D200-L100	D20.0	H45.0	L100	d20.0	4T	TISIN
> ST880X-4BN-D250-L100	D25.0	H45.0	L100	d25.0	4T	TISIN

# ST880X-4BNL (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

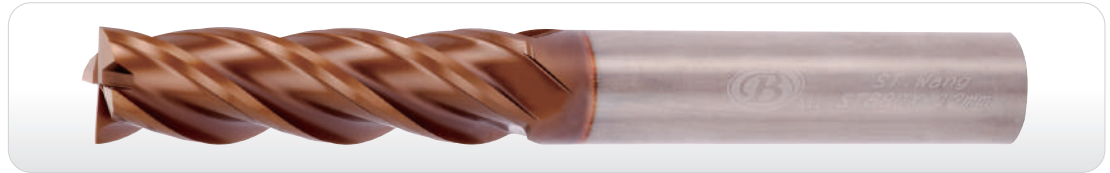
奈米粉末微粒碳化鎢 長刃型 4刃立銑刀

Nanometer, Ultra Micro Grain Carbide, Long Flute, 4 Flute, End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 航太零件各種產業零件

2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼

■ 高速機專用 For High Speed Cutting



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦矽) Coating
> ST880X-4BNL-D030-L060	D3.0	H12.0	L60	d6.0	4T	TISIN
> ST880X-4BNL-D040-L060	D4.0	H16.0	L60	d6.0	4T	TISIN
> ST880X-4BNL-D050-L075	D5.0	H20.0	L75	d6.0	4T	TISIN
> ST880X-4BNL-D060-L075	D6.0	H25.0	L75	d6.0	4T	TISIN
> ST880X-4BNL-D070-L075	D7.0	H30.0	L75	d8.0	4T	TISIN
> ST880X-4BNL-D080-L075	D8.0	H30.0	L75	d8.0	4T	TISIN
> ST880X-4BNL-D100-L100	D10.0	H40.0	L100	d10.0	4T	TISIN
> ST880X-4BNL-D120-L100	D12.0	H45.0	L100	d12.0	4T	TISIN
> ST880X-4BNL-D140-L100	D14.0	H45.0	L100	d16.0	4T	TISIN
> ST880X-4BNL-D160-L150	D16.0	H64.0	L150	d16.0	4T	TISIN
> ST880X-4BNL-D200-L150	D20.0	H72.0	L150	d20.0	4T	TISIN
> ST880X-4BNL-D250-L150	D25.0	H80.0	L150	d25.0	4T	TISIN



## ST880X-6BN (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 6刃立銑刀

Nanometer, Ultra Micro Grain Carbide, 6 Flute, End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 各種高硬度零件
  2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼料, 焊補鋼料
- 高速機專用 For High Speed Cutting



### SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦鈔) Coating
> ST880X-6BN-D06-L060	D6.0	H15.0	L60	d6.0	6T	TISIN
> ST880X-6BN-D08-L060	D8.0	H20.0	L60	d8.0	6T	TISIN
> ST880X-6BN-D10-L075	D10.0	H25.0	L75	d10.0	6T	TISIN
> ST880X-6BN-D12-L075	D12.0	H30.0	L75	d12.0	6T	TISIN
> ST880X-6BN-D16-L100	D16.0	H45.0	L100	d16.0	6T	TISIN
> ST880X-6BN-D20-L100	D20.0	H45.0	L100	d20.0	6T	TISIN
> ST880X-6BN-D25-L100	D25.0	H45.0	L100	d25.0	6T	TISIN

## ST880X-6BNL (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 長刃型 6刃立銑刀

Nanometer, Ultra Micro Grain Carbide, Long Flute, 6 Flute, End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 各種高硬度零件
  2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼料, 焊補鋼料
- 高速機專用 For High Speed Cutting



### SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦鈔) Coating
> ST880X-6BNL-D06-L075	D6.0	H24.0	L75	d6.0	6T	TISIN
> ST880X-6BNL-D08-L100	D8.0	H28.0	L100	d8.0	6T	TISIN
> ST880X-6BNL-D10-L100	D10.0	H45.0	L100	d10.0	6T	TISIN
> ST880X-6BNL-D12-L100	D12.0	H45.0	L100	d12.0	6T	TISIN
> ST880X-6BNL-D16-L150	D16.0	H64.0	L150	d16.0	6T	TISIN
> ST880X-6BNL-D20-L150	D20.0	H75.0	L150	d20.0	6T	TISIN
> ST880X-6BNL-D25-L150	D25.0	H80.0	L150	d25.0	6T	TISIN

# ST880X-2BNSR (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 圓鼻短刃 2刃立銑刀

Nanometer, Ultra Micro Grain Carbide, Corner-Radius, Short Flute, 2 Flute, End Mills

1. 適用對象: 各種模具，汽機車零件，航太零件，高爾夫球頭，其它產業零件
2. 適用材料: 碳素鋼，模具鋼，合金鋼，工具鋼，鑄鐵

■ 高速機專用 For High Speed Cutting



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	R角 Corner Radius	刃長 Flute Length	有效長 Effective Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦鈔) Coating
> ST880X-2BNSR-D01-R0.2	D1.0	R0.2	H1.0	M3	L50	d4.0	2T	TISIN
> ST880X-2BNSR-D015-R0.2	D1.5	R0.2	H1.5	M4.5	L50	d4.0	2T	TISIN
> ST880X-2BNSR-D02-R0.2	D2.0	R0.2	H2.0	M6	L50	d4.0	2T	TISIN
> ST880X-2BNSR-D02-R0.5	D2.0	R0.5	H2.0	M6	L50	d4.0	2T	TISIN
> ST880X-2BNSR-D03-R0.2	D3.0	R0.2	H3.0	M9	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D03-R0.5	D3.0	R0.5	H3.0	M9	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D04-R0.2	D4.0	R0.2	H4.0	M12	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D04-R0.5	D4.0	R0.5	H4.0	M12	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D05-R0.5	D5.0	R0.5	H5.0	M15	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D05-R1.0	D5.0	R1.0	H5.0	M15	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D06-R0.2	D6.0	R0.2	H6.0	M18	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D06-R0.5	D6.0	R0.5	H6.0	M18	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D06-R1.0	D6.0	R1.0	H6.0	M18	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D06-R2.0	D6.0	R2.0	H6.0	M18	L50	d6.0	2T	TISIN
> ST880X-2BNSR-D08-R0.5	D8.0	R0.5	H8.0	M20	L60	d8.0	2T	TISIN
> ST880X-2BNSR-D08-R1.0	D8.0	R1.0	H8.0	M20	L60	d8.0	2T	TISIN
> ST880X-2BNSR-D10-R0.5	D10.0	R0.5	H10.0	M25	L75	d10.0	2T	TISIN
> ST880X-2BNSR-D10-R1.0	D10.0	R1.0	H10.0	M25	L75	d10.0	2T	TISIN
> ST880X-2BNSR-D10-R1.5	D10.0	R1.5	H10.0	M25	L75	d10.0	2T	TISIN
> ST880X-2BNSR-D10-R2.0	D10.0	R2.0	H10.0	M25	L75	d10.0	2T	TISIN
> ST880X-2BNSR-D10-R3.0	D10.0	R3.0	H10.0	M25	L75	d10.0	2T	TISIN
> ST880X-2BNSR-D12-R1.0	D12.0	R1.0	H12.0	M30	L75	d12.0	2T	TISIN
> ST880X-2BNSR-D12-R1.5	D12.0	R1.5	H12.0	M30	L75	d12.0	2T	TISIN
> ST880X-2BNSR-D12-R2.0	D12.0	R2.0	H12.0	M30	L75	d12.0	2T	TISIN
> ST880X-2BNSR-D12-R3.0	D12.0	R3.0	H12.0	M30	L75	d12.0	2T	TISIN

# ST880X-4BNSR (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 圓鼻短刃 4刃立銑刀

Nanometer, Ultra Micro Grain Carbide, Corner Radius, Short Flute, 4 Flute, End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 各種產業零件
2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼料, 焊補鋼料

■ 高速機專用 For High Speed Cutting



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	R角 Corner Radius	刃長 Flute Length	有效長 Effective Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦矽) Coating
> ST880X-4BNSR-D03-R0.2	D3.0	R0.2	H3.0	M9	L50	d6.0	4T	TISIN
> ST880X-4BNSR-D03-R0.5	D3.0	R0.5	H3.0	M9	L50	d6.0	4T	TISIN
> ST880X-4BNSR-D04-R0.2	D4.0	R0.2	H4.0	M12	L50	d6.0	4T	TISIN
> ST880X-4BNSR-D04-R0.5	D4.0	R0.5	H4.0	M12	L50	d6.0	4T	TISIN
> ST880X-4BNSR-D04-R1.0	D4.0	R1.0	H4.0	M12	L50	d6.0	4T	TISIN
> ST880X-4BNSR-D06-R0.2	D6.0	R0.2	H6.0	M18	L50	d6.0	4T	TISIN
> ST880X-4BNSR-D06-R0.5	D6.0	R0.5	H6.0	M18	L50	d6.0	4T	TISIN
> ST880X-4BNSR-D06-R1.0	D6.0	R1.0	H6.0	M18	L50	d6.0	4T	TISIN
> ST880X-4BNSR-D08-R0.5	D8.0	R0.5	H8.0	M20	L60	d8.0	4T	TISIN
> ST880X-4BNSR-D08-R1.0	D8.0	R1.0	H8.0	M20	L60	d8.0	4T	TISIN
> ST880X-4BNSR-D08-R2.0	D8.0	R2.0	H8.0	M20	L60	d8.0	4T	TISIN
> ST880X-4BNSR-D10-R0.5	D10.0	R0.5	H10.0	M25	L75	d10.0	4T	TISIN
> ST880X-4BNSR-D10-R1.0	D10.0	R1.0	H10.0	M25	L75	d10.0	4T	TISIN
> ST880X-4BNSR-D10-R1.5	D10.0	R1.5	H10.0	M25	L75	d10.0	4T	TISIN
> ST880X-4BNSR-D10-R2.0	D10.0	R2.0	H10.0	M25	L75	d10.0	4T	TISIN
> ST880X-4BNSR-D12-R0.5	D12.0	R0.5	H12.0	M30	L75	d12.0	4T	TISIN
> ST880X-4BNSR-D12-R1.0	D12.0	R1.0	H12.0	M30	L75	d12.0	4T	TISIN
> ST880X-4BNSR-D12-R1.5	D12.0	R1.5	H12.0	M30	L75	d12.0	4T	TISIN
> ST880X-4BNSR-D12-R2.0	D12.0	R2.0	H12.0	M30	L75	d12.0	4T	TISIN



# ST880X-4BNMR (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 圓鼻 4刃立銑刀

Nanometer,Ultra Micro Grain Carbide, Corner Radius, 4 Flute, End Mills

1. 適用對象: 塑膠模, 鍛造模, 板金模, 汽機車零件, 各種產業零件
  2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼料, 焊補鋼料
- 高速機專用 For High Speed Cutting



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	R角 Corner Radius	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦鈔) Coating
> ST880X-4BNMR-D06-R0.3	D6.0	R0.3	H15	L75	d6.0	4T	TISIN
> ST880X-4BNMR-D06-R0.5	D6.0	R0.5	H15	L75	d6.0	4T	TISIN
> ST880X-4BNMR-D06-R1.0	D6.0	R1.0	H15	L75	d6.0	4T	TISIN
> ST880X-4BNMR-D08-R0.3	D8.0	R0.3	H20	L75	d8.0	4T	TISIN
> ST880X-4BNMR-D08-R0.5	D8.0	R0.5	H20	L75	d8.0	4T	TISIN
> ST880X-4BNMR-D08-R1.0	D8.0	R1.0	H20	L75	d8.0	4T	TISIN
> ST880X-4BNMR-D10-R0.5	D10.0	R0.5	H25	L75	d10.0	4T	TISIN
> ST880X-4BNMR-D10-R1.0	D10.0	R1.0	H25	L75	d10.0	4T	TISIN
> ST880X-4BNMR-D10-R1.5	D10.0	R1.5	H25	L75	d10.0	4T	TISIN
> ST880X-4BNMR-D10-R2.0	D10.0	R2.0	H25	L75	d10.0	4T	TISIN
> ST880X-4BNMR-D12-R1.0	D12.0	R1.0	H30	L75	d12.0	4T	TISIN
> ST880X-4BNMR-D12-R1.5	D12.0	R1.5	H30	L75	d12.0	4T	TISIN
> ST880X-4BNMR-D12-R2.0	D12.0	R2.0	H30	L75	d12.0	4T	TISIN

# ST880X-2AESP (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 強力 抗震 2刃球型立銑刀

Nanometer, Super Ultra Micro Grain Carbide, Shockproof, 2 Flute, Ball End Mills

1. 適用對象: 塑膠模，鍛造模，壓鑄模，板金模，汽機車零件，各種產業零件
  2. 適用材料: 鐵材，碳素鋼，鑄鐵，模具鋼，合金鋼，工具鋼，熱處理鋼料，焊補鋼料
- 高速機專用 For High Speed Cutting



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	R徑 Flute Radius	刃長 Flute Length	有效長 Effective Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦矽) Coating
> ST880X-2AESP-R0050-L050	R0.5	H1.0	M2.5	L50	d4.0	2T	TISIN
> ST880X-2AESP-R0075-L050	R0.75	H1.5	M4	L50	d4.0	2T	TISIN
> ST880X-2AESP-R0100-L050	R1.0	H2.0	M5	L50	d4.0	2T	TISIN
> ST880X-2AESP-R0125-L050	R1.25	H2.5	M6	L50	d4.0	2T	TISIN
> ST880X-2AESP-R0150-L050	R1.5	H3.0	M8	L50	d4.0	2T	TISIN
> ST880X-2AESP-R0200-L050	R2.0	H4.0	M10	L50	d4.0	2T	TISIN
> ST880X-2AESP-R0250-L050	R2.5	H5.0	M13	L50	d6.0	2T	TISIN
> ST880X-2AESP-R0300-L050	R3.0	H6.0	M15	L50	d6.0	2T	TISIN
> ST880X-2AESP-R0350-L060	R3.5	H7.0	M16	L60	d8.0	2T	TISIN
> ST880X-2AESP-R0400-L060	R4.0	H8.0	M20	L60	d8.0	2T	TISIN
> ST880X-2AESP-R0450-L075	R4.5	H9.0	M22	L75	d10.0	2T	TISIN
> ST880X-2AESP-R0500-L075	R5.0	H10.0	M25	L75	d10.0	2T	TISIN
> ST880X-2AESP-R0600-L075	R6.0	H12.0	M30	L75	d12.0	2T	TISIN
> ST880X-2AESP-R0700-L075	R7.0	H14.0	M35	L75	d16.0	2T	TISIN
> ST880X-2AESP-R0800-L100	R8.0	H16.0	M40	L100	d16.0	2T	TISIN

# ST880X-4AE (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 4刃球型立銑刀

Nanometer, Ultra Micro Grain Carbide, 4 Flute, Ball End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 各種產業零件
  2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼料, 焊補鋼料
- 高速機專用 For High Speed Cutting



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	R徑 Flute Radius	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦矽) Coating
> ST880X-4AE-R0300-L060	R3.0	H9.0	L60	d6.0	4T	TISIN
> ST880X-4AE-R0300-L075	R3.0	H9.0	L75	d6.0	4T	TISIN
> ST880X-4AE-R0400-L075	R4.0	H16.0	L75	d8.0	4T	TISIN
> ST880X-4AE-R0500-L075	R5.0	H20.0	L75	d10.0	4T	TISIN
> ST880X-4AE-R0500-L100	R5.0	H20.0	L100	d10.0	4T	TISIN
> ST880X-4AE-R0600-L100	R6.0	H20.0	L100	d12.0	4T	TISIN
> ST880X-4AE-R0700-L100	R7.0	H24.0	L100	d16.0	4T	TISIN
> ST880X-4AE-R0800-L100	R8.0	H24.0	L100	d16.0	4T	TISIN
> ST880X-4AE-R1000-L150	R10.0	H30.0	L150	d20.0	4T	TISIN
> ST880X-4AE-R1250-L150	R12.5	H35.0	L150	d25.0	4T	TISIN

## ST880X-2AE (TISIN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 2刃球型立銑刀

Nanometer, Ultra Micro Grain Carbide, 2 Flute, Ball End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 各種產業零件
  2. 適用材料: 鐵材, 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼, 焊補鋼料
- 高速機專用 For High Speed Cutting



### SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	R徑 Flute Radius	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦矽) Coating
> ST880X-2AE-R0050-L050	R0.5	H1.5	L50	d4.0	2T	TISIN
> ST880X-2AE-R0075-L050	R0.75	H2.0	L50	d4.0	2T	TISIN
> ST880X-2AE-R0100-L050	R1.0	H3.0	L50	d4.0	2T	TISIN
> ST880X-2AE-R0125-L050	R1.25	H4.0	L50	d4.0	2T	TISIN
> ST880X-2AE-R0150-L050	R1.5	H5.0	L50	d4.0	2T	TISIN
> ST880X-2AE-R0200-L050	R2.0	H6.0	L50	d4.0	2T	TISIN
> ST880X-2AE-R0250-L060	R2.5	H8.0	L60	d6.0	2T	TISIN
> ST880X-2AE-R0300-L060	R3.0	H9.0	L60	d6.0	2T	TISIN
> ST880X-2AE-R0350-L060	R3.5	H14.0	L60	d8.0	2T	TISIN
> ST880X-2AE-R0400-L060	R4.0	H16.0	L60	d8.0	2T	TISIN
> ST880X-2AE-R0450-L075	R4.5	H18.0	L75	d10.0	2T	TISIN
> ST880X-2AE-R0500-L075	R5.0	H20.0	L75	d10.0	2T	TISIN
> ST880X-2AE-R0600-L075	R6.0	H20.0	L75	d12.0	2T	TISIN
> ST880X-2AE-R0700-L080	R7.0	H24.0	L80	d16.0	2T	TISIN
> ST880X-2AE-R0800-L100	R8.0	H24.0	L100	d16.0	2T	TISIN
> ST880X-2AE-R1000-L150	R10.0	H30.0	L150	d20.0	2T	TISIN
> ST880X-2AE-R1250-L150	R12.5	H35.0	L150	d25.0	2T	TISIN

## ST880X-2AEL (T15IN)

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 長柄型 2刃球型立銑刀

Nanometer, Ultra Micro Grain Carbide, Long Shank, 2 Flute, Ball End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 各種產業零件
  2. 適用材料: 鐵材, 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼, 焊補鋼料
- 高速機專用 For High Speed Cutting



### SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	R徑 Flute Radius	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層(鈦鈔) Coating
> ST880X-2AEL-R0100-L075	R1.0	H3.0	L75	d6.0	2T	T15IN
> ST880X-2AEL-R0150-L075	R1.5	H5.0	L75	d6.0	2T	T15IN
> ST880X-2AEL-R0200-L075	R2.0	H6.0	L75	d6.0	2T	T15IN
> ST880X-2AEL-R0250-L075	R2.5	H8.0	L75	d6.0	2T	T15IN
> ST880X-2AEL-R0300-L075	R3.0	H9.0	L75	d6.0	2T	T15IN
> ST880X-2AEL-R0300-L100	R3.0	H9.0	L100	d6.0	2T	T15IN
> ST880X-2AEL-R0350-L075	R3.5	H14.0	L75	d8.0	2T	T15IN
> ST880X-2AEL-R0400-L075	R4.0	H16.0	L75	d8.0	2T	T15IN
> ST880X-2AEL-R0400-L100	R4.0	H16.0	L100	d8.0	2T	T15IN
> ST880X-2AEL-R0450-L100	R4.5	H18.0	L100	d10.0	2T	T15IN
> ST880X-2AEL-R0500-L100	R5.0	H20.0	L100	d10.0	2T	T15IN
> ST880X-2AEL-R0500-L150	R5.0	H20.0	L150	d10.0	2T	T15IN
> ST880X-2AEL-R0600-L100	R6.0	H20.0	L100	d12.0	2T	T15IN
> ST880X-2AEL-R0600-L150	R6.0	H20.0	L150	d12.0	2T	T15IN
> ST880X-2AEL-R0700-L100	R7.0	H24.0	L100	d16.0	2T	T15IN
> ST880X-2AEL-R0800-L150	R8.0	H24.0	L150	d16.0	2T	T15IN
> ST880X-2AEL-R0800-L200	R8.0	H24.0	L200	d16.0	2T	T15IN
> ST880X-2AEL-R1000-L200	R10.0	H30.0	L200	d20.0	2T	T15IN
> ST880X-2AEL-R1250-L200	R12.5	H35.0	L200	d25.0	2T	T15IN

# ST880X-2AE<sub>(NACO-BLUE)</sub>

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm

奈米粉末微粒碳化鎢 2刃球型立銑刀

Nanometer, Ultra Micro Grain Carbide, 2 Flute, Ball End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 各種產業零件
  2. 適用材料: 鐵材, 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼, 焊補鋼料
- 高速機專用 For High Speed Cutting 68度以下乾式加工



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	R徑 Flute Radius	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層 Coating
> ST880X-2AE-R0050-L050	R0.5	H2.0	L50	d4.0	2T	NACO-BLUE
> ST880X-2AE-R0075-L050	R0.75	H3.0	L50	d4.0	2T	NACO-BLUE
> ST880X-2AE-R0100-L050	R1.0	H4.0	L50	d4.0	2T	NACO-BLUE
> ST880X-2AE-R0125-L050	R1.25	H5.0	L50	d4.0	2T	NACO-BLUE
> ST880X-2AE-R0150-L050	R1.5	H6.0	L50	d4.0	2T	NACO-BLUE
> ST880X-2AE-R0175-L050	R1.75	H7.0	L50	d4.0	2T	NACO-BLUE
> ST880X-2AE-R0200-L050	R2.0	H8.0	L50	d4.0	2T	NACO-BLUE
> ST880X-2AE-R0225-L050	R2.25	H9.0	L50	d6.0	2T	NACO-BLUE
> ST880X-2AE-R0250-L050	R2.5	H10.0	L50	d6.0	2T	NACO-BLUE
> ST880X-2AE-R0275-L050	R2.75	H11.0	L50	d6.0	2T	NACO-BLUE
> ST880X-2AE-R0300-L050	R3.0	H12.0	L50	d6.0	2T	NACO-BLUE
> ST880X-2AE-R0325-L060	R3.25	H13.0	L60	d8.0	2T	NACO-BLUE
> ST880X-2AE-R0350-L060	R3.5	H14.0	L60	d8.0	2T	NACO-BLUE
> ST880X-2AE-R0400-L060	R4.0	H16.0	L60	d8.0	2T	NACO-BLUE
> ST880X-2AE-R0450-L075	R4.5	H18.0	L75	d10.0	2T	NACO-BLUE
> ST880X-2AE-R0500-L075	R5.0	H20.0	L75	d10.0	2T	NACO-BLUE
> ST880X-2AE-R0550-L075	R5.5	H22.0	L75	d12.0	2T	NACO-BLUE
> ST880X-2AE-R0600-L075	R6.0	H24.0	L75	d12.0	2T	NACO-BLUE
> ST880X-2AE-R0800-L100	R8.0	H32.0	L100	d16.0	2T	NACO-BLUE
> ST880X-2AE-R1000-L100	R10.0	H40.0	L100	d20.0	2T	NACO-BLUE



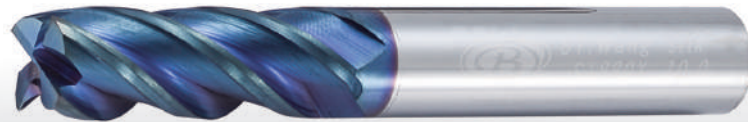
# ST880X-4BN (NACO-BLUE)

產品系列: CO-9%, WC-91%, TUNGSTEN CARBIDE 0.0002mm

奈米粉末微粒碳化鎢 4刃立銑刀

Nanometer, Ultra Micro Grain Carbide, 4 Flute, End Mills

1. 適用對象: 塑膠模, 鍛造模, 壓鑄模, 板金模, 汽機車零件, 航太零件各種產業零件
  2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 焊補鋼料, 熱處理鋼料
- 高速機專用 For High Speed Cutting 68度以下乾式加工



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層 Coating
> ST880X-4BN-D010-L050	D1.0	H3.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BN-D015-L050	D1.5	H4.5	L50	d4.0	4T	NACO-BLUE
> ST880X-4BN-D020-L050	D2.0	H6.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BN-D025-L050	D2.5	H7.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BN-D030-L050	D3.0	H8.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BN-D035-L050	D3.5	H10.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BN-D040-L050	D4.0	H11.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BN-D045-L050	D4.5	H12.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BN-D050-L050	D5.0	H13.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BN-D055-L050	D5.5	H15.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BN-D060-L050	D6.0	H16.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BN-D070-L060	D7.0	H18.0	L60	d8.0	4T	NACO-BLUE
> ST880X-4BN-D080-L060	D8.0	H20.0	L60	d8.0	4T	NACO-BLUE
> ST880X-4BN-D090-L075	D9.0	H23.0	L75	d10.0	4T	NACO-BLUE
> ST880X-4BN-D100-L075	D10.0	H30.0	L75	d10.0	4T	NACO-BLUE
> ST880X-4BN-D110-L075	D11.0	H30.0	L75	d12.0	4T	NACO-BLUE
> ST880X-4BN-D120-L075	D12.0	H32.0	L75	d12.0	4T	NACO-BLUE
> ST880X-4BN-D130-L100	D13.0	H33.0	L100	d16.0	4T	NACO-BLUE
> ST880X-4BN-D140-L100	D14.0	H35.0	L100	d16.0	4T	NACO-BLUE
> ST880X-4BN-D150-L100	D15.0	H40.0	L100	d16.0	4T	NACO-BLUE
> ST880X-4BN-D160-L100	D16.0	H45.0	L100	d16.0	4T	NACO-BLUE
> ST880X-4BN-D200-L100	D20.0	H45.0	L100	d20.0	4T	NACO-BLUE

# ST880X-4BNMR<sub>(NACO-BLUE)</sub>

產品系列: CO-9%,WC-91%,TUNGSTEN CARBIDE0.0002mm  
奈米粉末微粒碳化鎢 圓鼻 4刃立銑刀

Nanometer,Ultra Micro Grain Carbide, Corner Radius, 4 Flute, End Mills

1. 適用對象: 塑膠模, 鍛造模, 板金模, 汽機車零件, 各種產業零件
  2. 適用材料: 碳素鋼, 鑄鐵, 模具鋼, 合金鋼, 工具鋼, 熱處理鋼料, 焊補鋼料
- 高速機專用 For High Speed Cutting 68度以下乾式加工



## SPECIFICATION

單位 Unit : mm

訂購編號 Order No.	刃徑 Flute Diameter	R角 Corner Radius	刃長 Flute Length	全長 Overall Length	柄徑 Shank Diameter	刃數 Flute Number	被覆層 Coating
> ST880X-4BNMR-D010-R0.1	D1.0	R0.1	H2.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D010-R0.2	D1.0	R0.2	H2.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D015-R0.2	D1.5	R0.2	H3.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D015-R0.5	D1.5	R0.5	H3.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D020-R0.2	D2.0	R0.2	H4.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D020-R0.5	D2.0	R0.5	H4.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D025-R0.2	D2.5	R0.2	H5.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D025-R0.5	D2.5	R0.5	H5.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D030-R0.2	D3.0	R0.2	H6.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D030-R0.5	D3.0	R0.5	H6.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D030-R1.0	D3.0	R1.0	H6.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D040-R0.2	D4.0	R0.2	H8.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D040-R0.5	D4.0	R0.5	H8.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D040-R1.0	D4.0	R1.0	H8.0	L50	d4.0	4T	NACO-BLUE
> ST880X-4BNMR-D050-R0.2	D5.0	R0.2	H10.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BNMR-D050-R0.5	D5.0	R0.5	H10.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BNMR-D050-R1.0	D5.0	R1.0	H10.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BNMR-D050-R1.5	D5.0	R1.5	H10.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BNMR-D060-R0.2	D6.0	R0.2	H12.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BNMR-D060-R0.5	D6.0	R0.5	H12.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BNMR-D060-R1.0	D6.0	R1.0	H12.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BNMR-D060-R1.5	D6.0	R1.5	H12.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BNMR-D060-R2.0	D6.0	R2.0	H12.0	L50	d6.0	4T	NACO-BLUE
> ST880X-4BNMR-D080-R0.3	D8.0	R0.3	H16.0	L60	d8.0	4T	NACO-BLUE
> ST880X-4BNMR-D080-R0.5	D8.0	R0.5	H16.0	L60	d8.0	4T	NACO-BLUE
> ST880X-4BNMR-D080-R1.0	D8.0	R1.0	H16.0	L60	d8.0	4T	NACO-BLUE
> ST880X-4BNMR-D080-R2.0	D8.0	R2.0	H16.0	L60	d8.0	4T	NACO-BLUE
> ST880X-4BNMR-D100-R0.3	D10.0	R0.3	H20.0	L75	d10.0	4T	NACO-BLUE
> ST880X-4BNMR-D100-R0.5	D10.0	R0.5	H20.0	L75	d10.0	4T	NACO-BLUE
> ST880X-4BNMR-D100-R1.0	D10.0	R1.0	H20.0	L75	d10.0	4T	NACO-BLUE
> ST880X-4BNMR-D100-R1.5	D10.0	R1.5	H20.0	L75	d10.0	4T	NACO-BLUE
> ST880X-4BNMR-D100-R2.0	D10.0	R2.0	H20.0	L75	d10.0	4T	NACO-BLUE
> ST880X-4BNMR-D100-R2.5	D10.0	R2.5	H20.0	L75	d10.0	4T	NACO-BLUE
> ST880X-4BNMR-D100-R3.0	D10.0	R3.0	H20.0	L75	d10.0	4T	NACO-BLUE
> ST880X-4BNMR-D120-R0.5	D12.0	R0.5	H24.0	L75	d12.0	4T	NACO-BLUE
> ST880X-4BNMR-D120-R1.0	D12.0	R1.0	H24.0	L75	d12.0	4T	NACO-BLUE
> ST880X-4BNMR-D120-R1.5	D12.0	R1.5	H24.0	L75	d12.0	4T	NACO-BLUE
> ST880X-4BNMR-D120-R2.0	D12.0	R2.0	H24.0	L75	d12.0	4T	NACO-BLUE
> ST880X-4BNMR-D120-R2.5	D12.0	R2.5	H24.0	L75	d12.0	4T	NACO-BLUE
> ST880X-4BNMR-D120-R3.0	D12.0	R3.0	H24.0	L75	d12.0	4T	NACO-BLUE