



Yung Ji

# 鎢鋼斜度刀系列 Taper Flute Endmill Series

■ 適用材料：

碳素鋼、合金鋼、鑄鐵、預化硬鋼、調質鋼、淬火鋼。

■ 主要特性：

奈米微粒碳化鎢鋼母材韌性高，刀刃被覆ALTIN（高鋁鈦），耐磨耗，適用於高速切削，能對常見加工材料直接進行細加工到粗加工，減少換刀次數，提高機床稼動率，節省製作時程。

■ Application:

Carbon steels, Alloy Steels, Pre-hardened Steels, hardened steels.

■ Main Character:

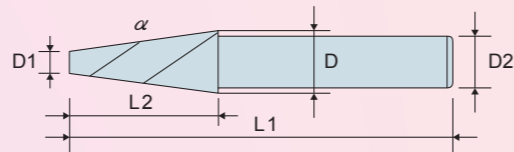
Ultra Micro Grain Carbide that has high toughness, coated ALTIN and wear-resistance, this series is specialized in milling at high speed and can carry on roughing get to finishing process directly for general work materials.

Also, this series can reduce tools change times, improve machine flexible rate and shorten producing time.



# YJ2TEA, YJ2TEB, YJ2TEC, YJ2TED

鎢鋼斜度刀立銼刀-2刃 Taper Flute Square Endmills - 2 Flutes



產品編碼 Item Code	先端徑 Taper First Diameter(D1)	刃長 Flute Length (L2)	斜度 Taper ( $\alpha$ )	粗端徑 Taper Last Diameter (D)	柄徑 Shank Diameter(D2)	全長 Overall Length (L1)
YJ2TEA-005	1	4	0.5	1.07	4	50
YJ2TEA-010	1	4	1.0	1.14	4	50
YJ2TEA-015	1	4	1.5	1.21	4	50
YJ2TEA-020	1	4	2.0	1.28	4	50
YJ2TEA-025	1	4	2.5	1.35	4	50
YJ2TEA-030	1	4	3.0	1.42	4	50
YJ2TEA-050	1	4	5.0	1.70	4	50
YJ2TEA-070	1	4	7.0	1.98	4	50
YJ2TEA-100	1	4	10.0	2.41	4	50
YJ2TEB-005	1.5	5	0.5	1.59	4	50
YJ2TEB-010	1.5	5	1.0	1.67	4	50
YJ2TEB-015	1.5	5	1.5	1.76	4	50
YJ2TEB-020	1.5	5	2.0	1.85	4	50
YJ2TEB-025	1.5	5	2.5	1.93	4	50
YJ2TEB-030	1.5	5	3.0	2.02	4	50
YJ2TEB-050	1.5	5	5.0	2.37	4	50
YJ2TEB-070	1.5	5	7.0	2.73	4	50
YJ2TEB-100	1.5	5	10.0	3.26	4	50
YJ2TEC-005	2	6	0.5	2.10	4	50
YJ2TEC-010	2	6	1.0	2.21	4	50
YJ2TEC-015	2	6	1.5	2.31	4	50
YJ2TEC-020	2	6	2.0	2.41	4	50
YJ2TEC-025	2	6	2.5	2.52	4	50
YJ2TEC-030	2	6	3.0	2.62	4	50
YJ2TEC-050	2	6	5.0	3.05	4	50
YJ2TEC-070	2	6	7.0	3.47	4	50
YJ2TEC-100	2	6	10.0	4.12	6	50
YJ2TED-005	2.5	8	0.5	2.64	4	50
YJ2TED-010	2.5	8	1.0	2.78	4	50
YJ2TED-015	2.5	8	1.5	2.91	4	50
YJ2TED-020	2.5	8	2.0	3.05	4	50
YJ2TED-025	2.5	8	2.5	3.20	4	50
YJ2TED-030	2.5	8	3.0	3.33	4	50
YJ2TED-050	2.5	8	5.0	3.90	4	50
YJ2TED-070	2.5	8	7.0	4.46	6	50
YJ2TED-100	2.5	8	10.0	5.32	6	50

■ 特殊規格訂製。Make to order for special specification.

### 一般切削 General Purpose

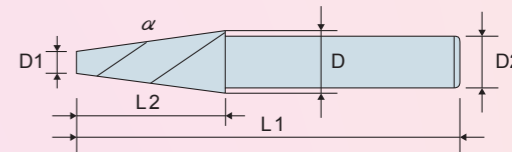
- YJ-280 >
- YJ-480 >

### 高速機切削 High Speed Cutting

- YJ-520 >
- YJ-550 >

# YJ2TEE, YJ2TEF, YJ2TEG, YJ2TEH

鎢鋼斜度刀立銼刀-2刃 Taper Flute Square Endmills - 2 Flutes



產品編碼 Item Code	先端徑 Taper First Diameter(D1)	刃長 Flute Length (L2)	斜度 Taper ( $\alpha$ )	粗端徑 Taper Last Diameter (D)	柄徑 Shank Diameter(D2)	全長 Overall Length (L1)
YJ2TEE-005	3	10	0.5	3.17	4	50
YJ2TEE-010	3	10	1.0	3.35	4	50
YJ2TEE-015	3	10	1.5	3.52	4	50
YJ2TEE-020	3	10	2.0	3.69	4	50
YJ2TEE-025	3	10	2.5	3.87	4	50
YJ2TEE-030	3	10	3.0	4.05	6	50
YJ2TEE-050	3	10	5.0	4.75	6	50
YJ2TEE-070	3	10	7.0	5.54	6	50
YJ2TEE-100	3	10	10.0	6.53	8	50
YJ2TEF-005	4	15	0.5	4.26	6	50
YJ2TEF-010	4	15	1.0	4.52	6	50
YJ2TEF-015	4	15	1.5	4.79	6	50
YJ2TEF-020	4	15	2.0	5.04	6	50
YJ2TEF-025	4	15	2.5	5.31	6	50
YJ2TEF-030	4	15	3.0	5.57	6	50
YJ2TEF-050	4	15	5.0	6.62	8	60
YJ2TEF-070	4	15	7.0	7.68	8	60
YJ2TEF-100	4	15	10.0	9.30	10	75
YJ2TEG-005	5	20	0.5	5.34	6	50
YJ2TEG-010	5	20	1.0	5.70	6	50
YJ2TEG-015	5	20	1.5	5.99	8	60
YJ2TEG-020	5	20	2.0	6.39	8	60
YJ2TEG-025	5	20	2.5	6.74	8	60
YJ2TEG-030	5	20	3.0	7.10	8	60
YJ2TEG-050	5	20	5.0	8.50	10	75
YJ2TEG-070	5	20	7.0	9.91	10	75
YJ2TEG-100	5	20	10.0	11.70	12	75
YJ2TEH-005	6	20	0.5	6.35	8	60
YJ2TEH-010	6	20	1.0	6.70	8	60
YJ2TEH-015	6	20	1.5	7.05	8	60
YJ2TEH-020	6	20	2.0	7.40	8	60
YJ2TEH-025	6	20	2.5	7.75	8	60
YJ2TEH-030	6	20	3.0	7.99	8	75
YJ2TEH-050	6	20	5.0	9.50	10	75

■ 特殊規格訂製。Make to order for special specification.

### 一般切削 General Purpose

- YJ-280 >
- YJ-480 >

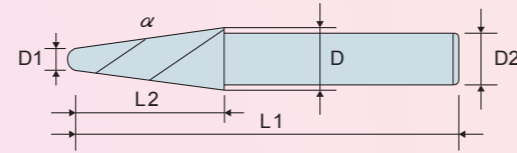
### 高速機切削 High Speed Cutting

- YJ-520 >
- YJ-550 >



# YJ2TBA, YJ2TBB, YJ2TBC, YJ2TBD

鎢鋼斜度球型立銑刀-2刃 Taper Flute Ball Nose Endmills - 2 Flutes



產品編碼 Item Code	先端徑 Taper First Diameter(D1)	刃長 Flute Length (L2)	斜度 Taper ( $\alpha$ )	粗端徑 Taper Last Diameter (D)	柄徑 Shank Diameter(D2)	全長 Overall Length (L1)
YJ2TBA-005-01	R0.5	10	0.5	1.17	4	50
YJ2TBA-005-02	R0.5	10	1.0	1.33	4	50
YJ2TBA-005-03	R0.5	10	1.5	1.50	4	50
YJ2TBA-005-04	R0.5	10	2.0	1.66	4	50
YJ2TBA-005-06	R0.5	10	3.0	2.00	4	50
YJ2TBA-005-08	R0.5	10	4.0	2.33	4	50
YJ2TBA-005-10	R0.5	10	5.0	2.67	4	50
YJ2TBA-005-14	R0.5	10	7.0	3.34	4	50
YJ2TBA-005-20	R0.5	10	10.0	4.37	4	50
YJ2TBB-075-01	R0.75	10	0.5	1.66	4	50
YJ2TBB-075-02	R0.75	10	1.0	1.82	4	50
YJ2TBB-075-03	R0.75	10	1.5	1.99	4	50
YJ2TBB-075-04	R0.75	10	2.0	2.15	4	50
YJ2TBB-075-06	R0.75	10	3.0	2.47	4	50
YJ2TBB-075-08	R0.75	10	4.0	2.80	4	50
YJ2TBB-075-10	R0.75	10	5.0	3.12	4	50
YJ2TBB-075-14	R0.75	10	7.0	3.78	4	50
YJ2TBB-075-20	R0.75	10	10.0	4.79	4	50
YJ2TBC-100-01	R1.0	13	0.5	2.21	4	50
YJ2TBC-100-02	R1.0	13	1.0	2.42	4	50
YJ2TBC-100-03	R1.0	13	1.5	2.63	4	50
YJ2TBC-100-04	R1.0	13	2.0	2.84	4	50
YJ2TBC-100-06	R1.0	13	3.0	3.26	4	50
YJ2TBC-100-08	R1.0	13	4.0	3.68	4	50
YJ2TBC-100-10	R1.0	13	5.0	4.11	6	50
YJ2TBC-100-14	R1.0	13	7.0	4.96	6	50
YJ2TBC-100-20	R1.0	13	10.0	6.26	8	60
YJ2TBD-125-01	R1.25	15	0.5	2.74	4	50
YJ2TBD-125-02	R1.25	15	1.0	2.98	4	50
YJ2TBD-125-03	R1.25	15	1.5	3.22	4	50
YJ2TBD-125-04	R1.25	15	2.0	3.46	4	50
YJ2TBD-125-06	R1.25	15	3.0	3.94	4	50
YJ2TBD-125-08	R1.25	15	4.0	4.43	6	50
YJ2TBD-125-10	R1.25	15	5.0	4.92	6	50
YJ2TBD-125-14	R1.25	15	7.0	5.90	6	50
YJ2TBD-125-20	R1.25	15	10.0	7.39	8	60

■ 特殊規格訂製。Make to order for special specification.

## 一般切削 General Purpose

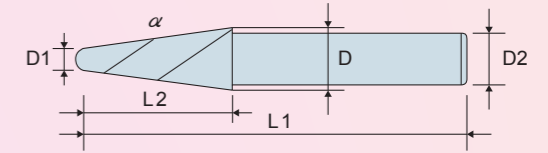
- YJ-280 > MG 0.6 μm CO 11% HRC ~50 AT
- YJ-480 > MG 0.5 μm CO 10% HRC ~55 AT

## 高速機切削 High Speed Cutting

- YJ-520 > UMG 0.4 μm CO 12% HRC ~60 AT
- YJ-550 > UMG 0.2 μm CO 9% HRC ~70 TS

# YJ2TBE, YJ2TBF, YJ2TBG, YJ2TBH

鎢鋼斜度球型立銑刀-2刃 Taper Flute Ball Nose Endmills - 2 Flutes



產品編碼 Item Code	先端徑 Taper First Diameter(D1)	刃長 Flute Length (L2)	斜度 Taper ( $\alpha$ )	粗端徑 Taper Last Diameter (D)	柄徑 Shank Diameter(D2)	全長 Overall Length (L1)
YJ2TBE-150-01	R1.5	20	0.5	3.32	4	50
YJ2TBE-150-02	R1.5	20	1.0	3.65	4	50
YJ2TBE-150-03	R1.5	20	1.5	3.97	4	50
YJ2TBE-150-04	R1.5	20	2.0	4.29	6	50
YJ2TBE-150-06	R1.5	20	3.0	4.94	6	50
YJ2TBE-150-08	R1.5	20	4.0	5.60	6	50
YJ2TBE-150-10	R1.5	20	5.0	6.25	8	60
YJ2TBE-150-14	R1.5	20	7.0	7.57	8	60
YJ2TBE-150-20	R1.5	20	10.0	9.57	10	75
YJ2TBF-200-01	R2.0	25	0.5	4.40	6	75
YJ2TBF-200-02	R2.0	25	1.0	4.80	6	75
YJ2TBF-200-03	R2.0	25	1.5	5.21	6	75
YJ2TBF-200-04	R2.0	25	2.0	5.61	6	75
YJ2TBF-200-06	R2.0	25	3.0	6.42	8	75
YJ2TBF-200-08	R2.0	25	4.0	7.23	8	75
YJ2TBF-200-14	R2.0	25	7.0	9.68	10	75
YJ2TBG-250-01	R2.5	30	0.5	5.48	6	75
YJ2TBG-250-02	R2.5	30	1.0	5.96	6	75
YJ2TBG-250-03	R2.5	30	1.5	6.44	8	75
YJ2TBG-250-04	R2.5	30	2.0	6.92	8	75
YJ2TBG-250-06	R2.5	30	3.0	7.89	8	75
YJ2TBG-250-08	R2.5	30	4.0	8.86	8	75
YJ2TBG-250-10	R2.5	30	5.0	9.83	10	75
YJ2TBG-250-14	R2.5	30	7.0	11.79	10	75
YJ2TBG-250-20	R2.5	30	10.0	14.78	12	75
YJ2TBH-300-01	R3.0	35	0.5	6.56	8	100
YJ2TBH-300-02	R3.0	35	1.0	7.12	8	100
YJ2TBH-300-03	R3.0	35	1.5	7.68	8	100
YJ2TBH-300-04	R3.0	35	2.0	8.24	10	100
YJ2TBH-300-06	R3.0	35	3.0	9.36	10	100
YJ2TBH-300-08	R3.0	35	4.0	10.49	12	100
YJ2TBH-300-10	R3.0	35	5.0	11.62	12	100

■ 特殊規格訂製。Make to order for special specification.

## 一般切削 General Purpose

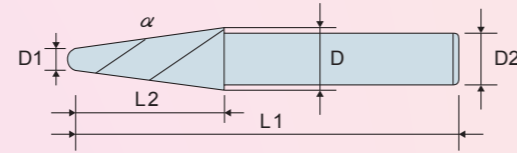
- YJ-280 > MG 0.6 μm CO 11% HRC ~50 AT
- YJ-480 > MG 0.5 μm CO 10% HRC ~55 AT

## 高速機切削 High Speed Cutting

- YJ-520 > UMG 0.4 μm CO 12% HRC ~60 AT
- YJ-550 > UMG 0.2 μm CO 9% HRC ~70 TS

# YJ2TBA, YJ2TBB, YJ2TBC, YJ2TBD

鎢鋼斜度球型立銑刀-2刃 Taper Flute Ball Nose Endmills - 2 Flutes



產品編碼 Item Code	先端徑 Taper First Diameter(D1)	刃長 Flute Length (L2)	斜度 Taper ( $\alpha$ )	粗端徑 Taper Last Diameter (D)	柄徑 Shank Diameter(D2)	全長 Overall Length (L1)
YJ2TBA-005-01	R0.5	10	0.5	1.17	4	50
YJ2TBA-005-02	R0.5	10	1.0	1.33	4	50
YJ2TBA-005-03	R0.5	10	1.5	1.50	4	50
YJ2TBA-005-04	R0.5	10	2.0	1.66	4	50
YJ2TBA-005-06	R0.5	10	3.0	2.00	4	50
YJ2TBA-005-08	R0.5	10	4.0	2.33	4	50
YJ2TBA-005-10	R0.5	10	5.0	2.67	4	50
YJ2TBA-005-14	R0.5	10	7.0	3.34	4	50
YJ2TBA-005-20	R0.5	10	10.0	4.37	4	50
YJ2TBB-075-01	R0.75	10	0.5	1.66	4	50
YJ2TBB-075-02	R0.75	10	1.0	1.82	4	50
YJ2TBB-075-03	R0.75	10	1.5	1.99	4	50
YJ2TBB-075-04	R0.75	10	2.0	2.15	4	50
YJ2TBB-075-06	R0.75	10	3.0	2.47	4	50
YJ2TBB-075-08	R0.75	10	4.0	2.80	4	50
YJ2TBB-075-10	R0.75	10	5.0	3.12	4	50
YJ2TBB-075-14	R0.75	10	7.0	3.78	4	50
YJ2TBB-075-20	R0.75	10	10.0	4.79	4	50
YJ2TBC-100-01	R1.0	13	0.5	2.21	4	50
YJ2TBC-100-02	R1.0	13	1.0	2.42	4	50
YJ2TBC-100-03	R1.0	13	1.5	2.63	4	50
YJ2TBC-100-04	R1.0	13	2.0	2.84	4	50
YJ2TBC-100-06	R1.0	13	3.0	3.26	4	50
YJ2TBC-100-08	R1.0	13	4.0	3.68	4	50
YJ2TBC-100-10	R1.0	13	5.0	4.11	6	50
YJ2TBC-100-14	R1.0	13	7.0	4.96	6	50
YJ2TBC-100-20	R1.0	13	10.0	6.26	8	60
YJ2TBD-125-01	R1.25	15	0.5	2.74	4	50
YJ2TBD-125-02	R1.25	15	1.0	2.98	4	50
YJ2TBD-125-03	R1.25	15	1.5	3.22	4	50
YJ2TBD-125-04	R1.25	15	2.0	3.46	4	50
YJ2TBD-125-06	R1.25	15	3.0	3.94	4	50
YJ2TBD-125-08	R1.25	15	4.0	4.43	6	50
YJ2TBD-125-10	R1.25	15	5.0	4.92	6	50
YJ2TBD-125-14	R1.25	15	7.0	5.90	6	50
YJ2TBD-125-20	R1.25	15	10.0	7.39	8	60

■ 特殊規格訂製。Make to order for special specification.

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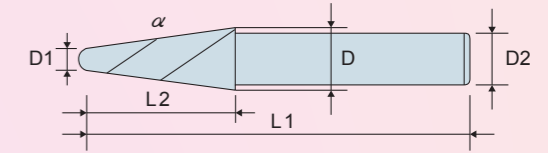
- YJ-280 >
- YJ-480 >

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- YJ-520 >
- YJ-550 >

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鎢鋼斜度球型立銑刀-2刃 Taper Flute Ball Nose Endmills - 2 Flutes



產品編碼 Item Code	先端徑 Taper First Diameter(D1)	刃長 Flute Length (L2)	斜度 Taper ( $\alpha$ )	粗端徑 Taper Last Diameter (D)	柄徑 Shank Diameter(D2)	全長 Overall Length (L1)
YJ2TBE-150-01	R1.5	20	0.5	3.32	4	50
YJ2TBE-150-02	R1.5	20	1.0	3.65	4	50
YJ2TBE-150-03	R1.5	20	1.5	3.97	4	50
YJ2TBE-150-04	R1.5	20	2.0	4.29	6	50
YJ2TBE-150-06	R1.5	20	3.0	4.94	6	50
YJ2TBE-150-08	R1.5	20	4.0	5.60	6	50
YJ2TBE-150-10	R1.5	20	5.0	6.25	8	60
YJ2TBE-150-14	R1.5	20	7.0	7.57	8	60
YJ2TBE-150-20	R1.5	20	10.0	9.57	10	75
YJ2TBF-200-01	R2.0	25	0.5	4.40	6	75
YJ2TBF-200-02	R2.0	25	1.0	4.80	6	75
YJ2TBF-200-03	R2.0	25	1.5	5.21	6	75
YJ2TBF-200-04	R2.0	25	2.0	5.61	6	75
YJ2TBF-200-06	R2.0	25	3.0	6.42	8	75
YJ2TBF-200-08	R2.0	25	4.0	7.23	8	75
YJ2TBF-200-14	R2.0	25	7.0	9.68	10	75
YJ2TBG-250-01	R2.5	30	0.5	5.48	6	75
YJ2TBG-250-02	R2.5	30	1.0	5.96	6	75
YJ2TBG-250-03	R2.5	30	1.5	6.44	8	75
YJ2TBG-250-04	R2.5	30	2.0	6.92	8	75
YJ2TBG-250-06	R2.5	30	3.0	7.89	8	75
YJ2TBG-250-08	R2.5	30	4.0	8.86	8	75
YJ2TBG-250-10	R2.5	30	5.0	9.83	10	75
YJ2TBG-250-14	R2.5	30	7.0	11.79	10	75
YJ2TBG-250-20	R2.5	30	10.0	14.78	12	75
YJ2TBH-300-01	R3.0	35	0.5	6.56	8	100
YJ2TBH-300-02	R3.0	35	1.0	7.12	8	100
YJ2TBH-300-03	R3.0	35	1.5	7.68	8	100
YJ2TBH-300-04	R3.0	35	2.0	8.24	10	100
YJ2TBH-300-06	R3.0	35	3.0	9.36	10	100
YJ2TBH-300-08	R3.0	35	4.0	10.49	12	100
YJ2TBH-300-10	R3.0	35	5.0	11.62	12	100

■ 特殊規格訂製。Make to order for special specification.

### 一般切削 General Purpose

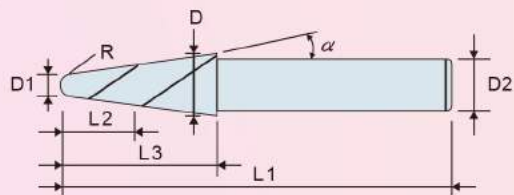
- YJ-280 >
- YJ-480 >

### 高速機切削 High Speed Cutting

- YJ-520 >
- YJ-550 >



# YJ2BWA, YJ2BWB, YJ2BWC, YJ2BWD, YJ2BWE, YJ2BWF, YJ2BWG, YJ2BWH 鎢鋼長斜頸球刀-2刃 Long Taper Neck Ball Nose Endmills - 2 Flutes



產品編碼 Item Code	R 徑 Radius (1/2 D1)	刃長 Flute Length (L2)	斜頸 Taper Neck ( $\alpha$ )	斜頸長 Taper Neck Length (L3)	柄徑 Shank Diameter(D2)	全長 Overall Length (L1)
YJ2BWA-300	R0.5	2	3°	32	6	100
YJ2BWA-500	R0.5	2	5°	32	6	100
YJ2BWB-300	R1.0	4	3°	27	6	100
YJ2BWB-500	R1.0	4	5°	27	6	100
YJ2BWC-150	R1.5	6	1.5°	35	6	100
YJ2BWC-300	R1.5	6	3°	35	6	100
YJ2BWD-150	R2.0	8	1.5°	28	6	100
YJ2BWD-300	R2.0	8	3°	28	6	100
YJ2BWE-300	R3.0	12	3°	32	8	100
YJ2BWE-500	R3.0	12	5°	35	10	100
YJ2BWF-300	R4.0	16	3°	36	10	100
YJ2BWF-500	R4.0	16	5°	39	12	100
YJ2BWG-300	R5.0	20	3°	40	12	100
YJ2BWH-500	R6.0	24	5°	47	16	100

■ 特殊規格訂製。 Make to order for special specification.

## 一般切削 General Purpose

YJ-280 >

YJ-480 >

## 高速機切削 High Speed Cutting

YJ-520 >

YJ-550 >