

# 鎢鋼球型銑刀系列 Ball Nose Endmill Series

■ 適用材料：

碳素鋼、鑄鐵、合金鋼、模具鋼、預硬化鋼、調質鋼、不鏽鋼、高硬度鋼。

■ 主要特性：

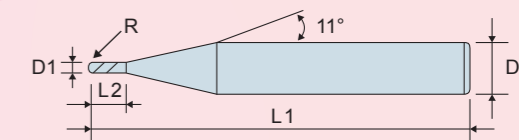
奈米微粒碳化鎢母材韌性高，被覆ALTiN (高鋁鈦)，耐磨耗，專用於高速切削，能對常見加工材料直接進行粗加工到細加工，減少換刀次數，提高機床稼動率，節省模具製作時程。

■ Application:

Carbon Steels, Cast Irons, Alloy Steels, Mold Steels, Pre-hardened Steels, Hardened Steels.

■ Main Character:

Ultra Fine 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 heat treatment mold. Also, this series can reduce tools change times, improve machine flexible rate and shorten producing time.



產品編碼 Item Code	R徑 Radius (1/2 D1)	刃長 Flute Length (L2)	柄徑 Shank Diameter (D2)	全長 Overall Length (L1)
YJ2BMW-015	R0.15	0.6	3	50
YJ2BMW-020	R0.20	0.8	3	50
YJ2BMW-025	R0.25	1.0	3	50
YJ2BMW-030	R0.30	1.2	3	50
YJ2BMW-035	R0.35	1.4	3	50
YJ2BMW-040	R0.40	1.6	3	50
YJ2BMW-045	R0.45	1.8	3	50
YJ2BMX-015	R0.15	0.6	4	50
YJ2BMX-020	R0.20	0.8	4	50
YJ2BMX-025	R0.25	1.0	4	50
YJ2BMX-030	R0.30	1.2	4	50
YJ2BMX-035	R0.35	1.4	4	50
YJ2BMX-040	R0.40	1.6	4	50
YJ2BMX-045	R0.45	1.8	4	50

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

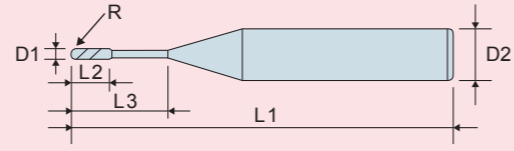
一般切削 General Purpose

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

高速機切削 High Speed Cutting

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

**YJ2BNA, YJ2BNB, YJ2BNC, YJ2BND, YJ2BNE, YJ2BNF, YJ2BNG, YJ2BNH, YJ2BNI**  
 鎢鋼長頸短刃球型立銑刀-2刃 Long Neck Short Flute Ball Nose Endmills - 2 Flutes



產品編碼 Item Code	R徑 Radius (1/2 D1)	刃長 Flute Length (L2)	有效長 Effective Length (L3)	柄徑 Shank Diameter (D2)	全長 Overall Length (L1)
YJ2BNA-020	R0.20	0.6	2	4	50
YJ2BNA-040	R0.20	0.6	4	4	50
YJ2BNB-020	R0.25	0.8	2	4	50
YJ2BNB-040	R0.25	0.8	4	4	50
YJ2BNB-060	R0.25	0.8	6	4	50
YJ2BNC-020	R0.30	1.0	2	4	50
YJ2BNC-040	R0.30	1.0	4	4	50
YJ2BNC-060	R0.30	1.0	6	4	50
YJ2BNC-080	R0.30	1.0	8	4	50
YJ2BND-030	R0.40	1.2	3	4	50
YJ2BND-040	R0.40	1.2	4	4	50
YJ2BND-060	R0.40	1.2	6	4	50
YJ2BND-080	R0.40	1.2	8	4	50
YJ2BND-100	R0.40	1.2	10	4	50
YJ2BNE-040	R0.50	1.2	4	4	50
YJ2BNE-060	R0.50	1.2	6	4	50
YJ2BNE-080	R0.50	1.2	8	4	50
YJ2BNE-100	R0.50	1.2	10	4	50
YJ2BNE-120	R0.50	1.2	12	4	50
YJ2BNF-040	R0.75	1.7	4	4	50
YJ2BNF-060	R0.75	1.7	6	4	50
YJ2BNF-080	R0.75	1.7	8	4	50
YJ2BNF-100	R0.75	1.7	10	4	50
YJ2BNF-120	R0.75	1.7	12	4	50
YJ2BNG-060	R1.00	2.2	6	4	50
YJ2BNG-080	R1.00	2.2	8	4	50
YJ2BNG-100	R1.00	2.2	10	4	50
YJ2BNG-120	R1.00	2.2	12	4	50
YJ2BNG-140	R1.00	2.2	14	4	50
YJ2BNG-160	R1.00	2.2	16	4	75
YJ2BNH-080	R1.50	3.2	8	4	50
YJ2BNH-100	R1.50	3.2	10	4	50
YJ2BNH-120	R1.50	3.2	12	4	50
YJ2BNH-140	R1.50	3.2	14	4	50
YJ2BNH-160	R1.50	3.2	16	4	75
YJ2BNH-200	R1.50	3.2	20	4	75
YJ2BNI-120	R2.00	4.2	12	6	50
YJ2BNI-140	R2.00	4.2	14	6	50
YJ2BNI-160	R2.00	4.2	16	6	75
YJ2BNI-200	R2.00	4.2	20	6	75
YJ2BNI-250	R2.00	4.2	25	6	75

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

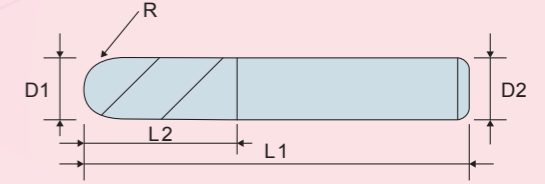
一般切削 General Purpose



高速機切削 High Speed Cutting



**YJ2BEH** 鎢鋼球型立銑刀-2刃  
 Ball Nose Endmills - 2 Flutes



產品編碼 Item Code	R徑 Radius (1/2 D1)	刃長 Flute Length (L2)	柄徑 Shank Diameter (D2)	全長 Overall Length (L1)
YJ2BEH-0050	R0.50	2	4	50
YJ2BEH-0075	R0.75	3	4	50
YJ2BEH-0100	R1.00	4	4	50
YJ2BEH-0125	R1.25	5	4	50
YJ2BEH-0150	R1.50	6	4	50
YJ2BEH-0175	R1.75	7	4	50
YJ2BEH-0200	R2.00	8	4	50
YJ2BEH-0225	R2.25	9	6	50
YJ2BEH-0250	R2.50	10	6	50
YJ2BEH-0275	R2.75	11	6	50
YJ2BEH-0300	R3.00	12	6	50
YJ2BEH-0325	R3.25	13	8	60
YJ2BEH-0350	R3.50	14	8	60
YJ2BEH-0375	R3.75	15	8	60
YJ2BEH-0400	R4.00	16	8	60
YJ2BEH-0450	R4.50	18	10	75
YJ2BEH-0500	R5.00	20	10	75
YJ2BEH-0600	R6.00	24	12	75
YJ2BEH-0800	R8.00	30	16	100
YJ2BEH-1000	R10.0	30	20	100
YJ2BEH-1250	R12.5	30	25	100

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

一般切削 General Purpose

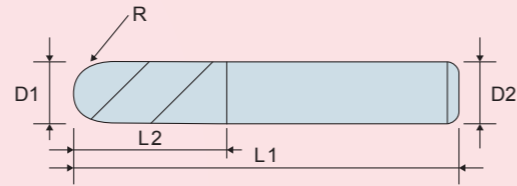


高速機切削 High Speed Cutting





# YJ4BEH 鎢鋼球型立銑刀-4刃 Ball Nose Endmills - 4 Flutes



產品編碼 Item Code	R徑 Radius (1/2 D1)	刃長 Flute Length (L2)	柄徑 Shank Diameter (D2)	全長 Overall Length (L1)
YJ4BEH-0050	R0.50	2	4	50
YJ4BEH-0075	R0.75	3	4	50
YJ4BEH-0100	R1.00	4	4	50
YJ4BEH-0125	R1.25	5	4	50
YJ4BEH-0150	R1.50	6	4	50
YJ4BEH-0175	R1.75	7	4	50
YJ4BEH-0200	R2.00	8	4	50
YJ4BEH-0225	R2.25	9	6	50
YJ4BEH-0250	R2.50	10	6	50
YJ4BEH-0275	R2.75	11	6	50
YJ4BEH-0300	R3.00	12	6	50
YJ4BEH-0325	R3.25	13	8	60
YJ4BEH-0350	R3.50	14	8	60
YJ4BEH-0375	R3.75	15	8	60
YJ4BEH-0400	R4.00	16	8	60
YJ4BEH-0450	R4.50	18	10	75
YJ4BEH-0500	R5.00	20	10	75
YJ4BEH-0600	R6.00	24	12	75
YJ4BEH-0800	R8.00	30	16	100
YJ4BEH-1000	R10.0	30	20	100
YJ4BEH-1250	R12.5	30	25	100

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

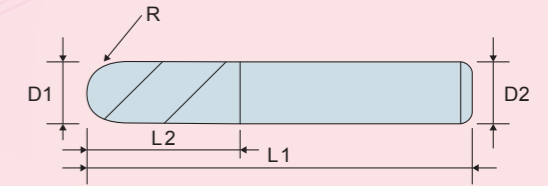
## 一般切削 General Purpose

- YJ-280 >
- YJ-480 >

## 高速機切削 High Speed Cutting

- YJ-520 >
- YJ-550 >

# YJ2BSW, YJ2BSX, YJ2BSY, YJ2BSZ 鎢鋼長柄型球型立銑刀-2刃 Long Shank Ball Nose Endmills - 2 Flutes



產品編碼 Item Code	R徑 Radius (1/2 D1)	刃長 Flute Length (L2)	柄徑 Shank Diameter (D2)	全長 Overall Length (L1)
YJ2BSW-050	R0.50	2	4	75
YJ2BSW-075	R0.75	3	4	75
YJ2BSW-100	R1.00	4	4	75
YJ2BSW-125	R1.25	5	4	75
YJ2BSW-150	R1.50	6	4	75
YJ2BSW-175	R1.75	7	4	75
YJ2BSW-200	R2.00	8	4	75
YJ2BSW-225	R2.25	9	6	75
YJ2BSW-250	R2.50	10	6	75
YJ2BSW-275	R2.75	11	6	75
YJ2BSW-300	R3.00	12	6	75
YJ2BSW-400	R4.00	16	8	75
YJ2BSX-050	R0.50	2	6	100
YJ2BSX-075	R0.75	3	6	100
YJ2BSX-100	R1.00	4	6	100
YJ2BSX-125	R1.25	5	6	100
YJ2BSX-150	R1.50	6	6	100
YJ2BSX-175	R1.75	7	6	100
YJ2BSX-200	R2.00	8	6	100
YJ2BSX-225	R2.25	9	6	100
YJ2BSX-250	R2.50	10	6	100
YJ2BSX-275	R2.75	11	6	100
YJ2BSX-300	R3.00	12	6	100
YJ2BSX-400	R4.00	16	8	100
YJ2BSX-500	R5.00	20	10	100
YJ2BSX-600	R6.00	24	12	100
YJ2BSY-030	R3.00	12	6	150
YJ2BSY-040	R4.00	16	8	150
YJ2BSY-050	R5.00	20	10	150
YJ2BSY-060	R6.00	24	12	150
YJ2BSY-080	R8.00	30	16	150
YJ2BSY-100	R10.0	30	20	150
YJ2BSZ-040	R4.00	16	8	200
YJ2BSZ-050	R5.00	20	10	200
YJ2BSZ-060	R6.00	24	12	200
YJ2BSZ-080	R8.00	30	16	200
YJ2BSZ-100	R10.0	30	20	200

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

## 一般切削 General Purpose

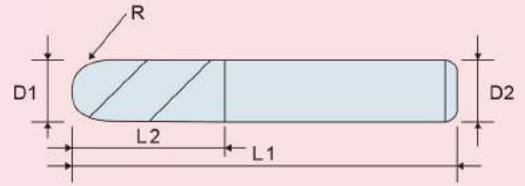
- YJ-280 >
- YJ-480 >

## 高速機切削 High Speed Cutting

- YJ-520 >
- YJ-550 >

# YJ4BSW, YJ4BSX, YJ4BSY, YJ4BSZ

鎢鋼長柄型球型立銑刀-4刃 Long Shank Ball Nose Endmills - 4 Flutes



產品編碼 Item Code	R徑 Radius (1/2 D1)	刃長 Flute Length (L2)	柄徑 Shank Diameter (D2)	全長 Overall Length (L1)
YJ4BSW-050	R0.50	2	4	75
YJ4BSW-075	R0.75	3	4	75
YJ4BSW-100	R1.00	4	4	75
YJ4BSW-125	R1.25	5	4	75
YJ4BSW-150	R1.50	6	4	75
YJ4BSW-175	R1.75	7	4	75
YJ4BSW-200	R2.00	8	4	75
YJ4BSW-225	R2.25	9	6	75
YJ4BSW-250	R2.50	10	6	75
YJ4BSW-275	R2.75	11	6	75
YJ4BSW-300	R3.00	12	6	75
YJ4BSW-400	R4.00	16	8	75
YJ4BSX-050	R0.50	2	6	100
YJ4BSX-075	R0.75	3	6	100
YJ4BSX-100	R1.00	4	6	100
YJ4BSX-125	R1.25	5	6	100
YJ4BSX-150	R1.50	6	6	100
YJ4BSX-175	R1.75	7	6	100
YJ4BSX-200	R2.00	8	6	100
YJ4BSX-225	R2.25	9	6	100
YJ4BSX-250	R2.50	10	6	100
YJ4BSX-275	R2.75	11	6	100
YJ4BSX-300	R3.00	12	6	100
YJ4BSX-400	R4.00	16	8	100
YJ4BSX-500	R5.00	20	10	100
YJ4BSX-600	R6.00	24	12	100
YJ4BSY-030	R3.00	12	6	150
YJ4BSY-040	R4.00	16	8	150
YJ4BSY-050	R5.00	20	10	150
YJ4BSY-060	R6.00	24	12	150
YJ4BSY-080	R8.00	30	16	150
YJ4BSY-100	R10.0	30	20	150
YJ4BSZ-040	R4.00	16	8	200
YJ4BSZ-050	R5.00	20	10	200
YJ4BSZ-060	R6.00	24	12	200
YJ4BSZ-080	R8.00	30	16	200
YJ4BSZ-100	R10.0	30	20	200

■ 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 >