

ARDEN

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PRODUCTION ROUTING TOOLS

for Wood, Plastic, Composites and Metal

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Hard Wood 》 **Soft Wood** 》 **實木類**



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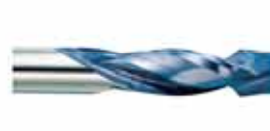
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▶ Z200-1252/Z205-1302

二刃-全錫鋼螺旋刀-上旋切割/下旋切割

- 說明：應用於木頭與合成木頭切削時，排屑效果佳。
- 用途：實木、板類、雲石。

Double Flute-Solid Carbide Spiral Wood Rout-Upcut / Downcut

Designed for routing where upward chip removal, tool rigidity, long life and high quality finish is desired.

Usage: Wood, MDF, Plywood, Solid surface.



Z200-1252/Z205-1302

Material

WD

MP

SS

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter
L: Overall Length

單位:mm

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z200-1252-6-20-6	Z205-1302-6-20-6	6	20	6	55
Z200-1252-8-25-8	Z205-1302-8-25-8	8	25	8	70
Z200-1252-10-25-10	Z205-1302-10-25-10	10	25	10	70
Z200-1252-12-32-12	Z205-1302-12-32-12	12	32	12	80
Z200-1252-12-42-12	Z205-1302-12-42-12	12	42	12	90
Z200-1252-12-50-12	Z205-1302-12-50-12	12	50	12	100

單位:inch

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z200-1252-1/8-1/2-1/8	Z205-1302-1/8-1/2-1/8	1/8"	1/2"	1/8"	2"
Z200-1252-1/8-1/2-1/4	Z205-1302-1/8-1/2-1/4	1/8"	1/2"	1/4"	2"
Z200-1252-5/32-5/8-1/4	Z205-1302-5/32-5/8-1/4	5/32"	5/8"	1/4"	2"
Z200-1252-3/16-3/4-1/4	Z205-1302-3/16-3/4-1/4	3/16"	3/4"	1/4"	2"
Z200-1252-3/16-3/4-1/4	Z205-1302-3/16-3/4-1/4	3/16"	3/4"	1/4"	2-1/2"
Z200-1252-7/32-3/4-1/4	Z205-1302-7/32-3/4-1/4	7/32"	3/4"	1/4"	2-1/2"
Z200-1252-7/32-1-1/4	Z205-1302-7/32-1-1/4	7/32"	1"	1/4"	2-1/2"
Z200-1252-1/4-7/8-1/4	Z205-1302-1/4-7/8-1/4	1/4"	7/8"	1/4"	2-1/2"
Z200-1252-1/4-1-1/4	Z205-1302-1/4-1-1/4	1/4"	1"	1/4"	2-1/2"
Z200-1252-1/4-1-1/8-1/4	Z205-1302-1/4-1-1/8-1/4	1/4"	1-1/8"	1/4"	3"
Z200-1252-9/32-1-5/16	Z205-1302-9/32-1-5/16	9/32"	1"	5/16"	2-1/2"
Z200-1252-5/16-1-1/8-5/16	Z205-1302-5/16-1-1/8-5/16	5/16"	1-1/8"	5/16"	3"
Z200-1252-5/16-1-1/8-1/2	Z205-1302-5/16-1-1/8-1/2	5/16"	1-1/8"	1/2"	3"
Z200-1252-3/8-1-3/8	Z205-1302-3/8-1-3/8	3/8"	1"	3/8"	3"
Z200-1252-3/8-1-1/8-3/8	Z205-1302-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3"
Z200-1252-3/8-1-1/4-3/8	Z205-1302-3/8-1-1/4-3/8	3/8"	1-1/4"	3/8"	3"
Z200-1252-3/8-1-1/4-1/2	Z205-1302-3/8-1-1/4-1/2	3/8"	1-1/4"	1/2"	3"
Z200-1252-7/16-1-1/2	Z205-1302-7/16-1-1/2	7/16"	1"	1/2"	3"
Z200-1252-1/2-1-1/8-1/2	Z205-1302-1/2-1-1/8-1/2	1/2"	1-1/8"	1/2"	3"
Z200-1252-1/2-1-1/4-1/2	Z205-1302-1/2-1-1/4-1/2	1/2"	1-1/4"	1/2"	3-1/2"
Z200-1252-1/2-1-5/8-1/2	Z205-1302-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	3-1/2"
Z200-1252-1/2-2-1/8-1/2	Z205-1302-1/2-2-1/8-1/2	1/2"	2-1/8"	1/2"	4"
Z200-1252-17/32-1-1/8-1/2	Z205-1302-17/32-1-1/8-1/2	17/32"	1-1/8"	1/2"	3"
Z200-1252-5/8-1-5/8-5/8	Z205-1302-5/8-1-5/8-5/8	5/8"	1-5/8"	5/8"	3-1/2"
Z200-1252-5/8-2-1/8-5/8	Z205-1302-5/8-2-1/8-5/8	5/8"	2-1/8"	5/8"	4"
Z200-1252-3/4-1-5/8-3/4	Z205-1302-3/4-1-5/8-3/4	3/4"	1-5/8"	3/4"	4"
Z200-1252-3/4-2-1/8-3/4	Z205-1302-3/4-2-1/8-3/4	3/4"	2-1/8"	3/4"	4"

螺旋角 Helix Angle : 25° / 30°



▶ Z200-1253 / Z205-1303

三刃-全鎢鋼螺旋刀-上旋切割/下旋切割

- 說明：三刃設計於加工時能產生較平坦形狀，應用於修邊、打槽成型。
- 用途：實木、板類、雲石。

Three Flute - Solid Carbide Spiral Finisher - Upcut / Downcut

Designed for faster feed rates and longer durability. Extremely smoother finished cut is also required.

Usage: Wood, MDF, Plywood, Solid surface.



Z200-1253 / Z205-1303

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **WD** **MP** **SS**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

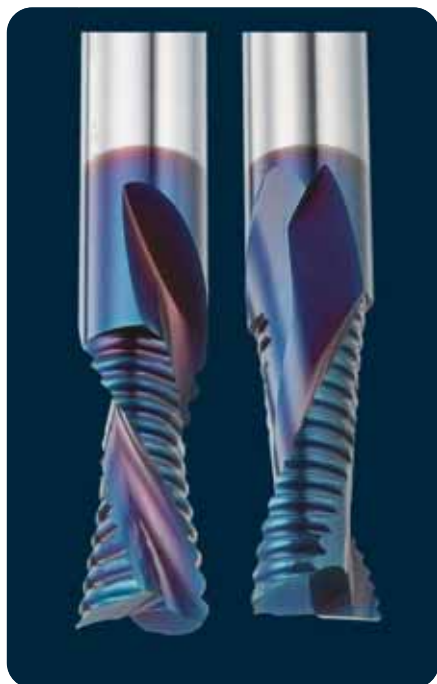
單位:mm

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z200-1253-8-25-8	Z205-1303-8-25-8	8	25	8	70
Z200-1253-10-25-10	Z205-1303-10-25-10	10	25	10	70
Z200-1253-12-32-12	Z205-1303-12-32-12	12	32	12	80
Z200-1253-12-42-12	Z205-1303-12-42-12	12	42	12	90
Z200-1253-12-50-12	Z205-1303-12-50-12	12	50	12	100
Z200-1253-16-32-16	Z205-1303-16-32-16	16	32	16	80
Z200-1253-16-42-16	Z205-1303-16-42-16	16	42	16	90
Z200-1253-16-50-16	Z205-1303-16-50-16	16	50	16	100

單位:inch

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z200-1253-1/8-1/2-1/4	Z205-1303-1/8-1/2-1/4	1/8"	1/2"	1/4"	2"
Z200-1253-3/16-5/8-1/4	Z205-1303-3/16-5/8-1/4	3/16"	5/8"	1/4"	2"
Z200-1253-1/4-3/4-1/4	Z205-1303-1/4-3/4-1/4	1/4"	3/4"	1/4"	2-1/2"

螺旋角 Helix Angle : 25° / 30°



▶ Z100-1252TB/Z105-1302TB

二刃-全鎢鋼粗銑刀-上旋切割/下旋切割-TB 鍍層

- 說明：切削時會產生波紋邊緣及平穩的切割與極佳的斷屑功能。刀具加TB鍍層後，使刀具本身的磨擦係數降低並延長刀具壽命，提高產能，降低成本，切削品質更佳，壽命比一般無鍍層刀具更長。
- 用途：板類跟實木加工。

Double Flute-Solid Carbide Roughing Tool-Upcut / Downcut-TB Coating

This tool will produce a rippled edge cut and extremely quiet and smooth cutting. With TB coatings to enhance the tools' life and cutting speed. Make customers have a better production efficiency, production capability. It can also lower cost, better cutting quality and longer life than the uncoated one. Usage: Ideal for MDF, Plywood & Wood.



Z100-1252TB/Z105-1302TB

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **WD** **MP**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z100-1252TB-6-20-6	Z105-1302TB-6-20-6	6	20	6	55
Z100-1252TB-8-25-8	Z105-1302TB-8-25-8	8	25	8	70
Z100-1252TB-10-25-10	Z105-1302TB-10-25-10	10	25	10	70
Z100-1252TB-12-32-12	Z105-1302TB-12-32-12	12	32	12	80
Z100-1252TB-12-42-12	Z105-1302TB-12-42-12	12	42	12	90
Z100-1252TB-12-50-12	Z105-1302TB-12-50-12	12	50	12	100

單位:inch

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z100-1252TB-3/8-1-3/8-3/8	Z105-1302TB-3/8-1-3/8-3/8	3/8"	1-3/8"	3/8"	3-1/2"
Z100-1252TB-1/2-1-3/8-1/2	Z105-1302TB-1/2-1-3/8-1/2	1/2"	1-3/8"	1/2"	3-1/2"
Z100-1252TB-1/2-1-7/8-1/2	Z105-1302TB-1/2-1-7/8-1/2	1/2"	1-7/8"	1/2"	4"
Z100-1252TB-5/8-2-5/8-5/8	Z105-1302TB-5/8-2-5/8-5/8	5/8"	2-5/8"	5/8"	5"
Z100-1252TB-3/4-2-7/8-3/4	Z105-1302TB-3/4-2-7/8-3/4	3/4"	2-7/8"	3/4"	6"

螺旋角 Helix Angle : 25° / 30°



▶ Z100-1253TB / Z105-1303TB

三刃-全鎢鋼粗銑刀-上旋切割/下旋切割-TB 鍍層

- 說明：切削時會產生波紋邊緣，可提供平穩的切割與極佳的斷屑功能。
刀具加TB鍍層後，有效降低刀具摩擦係數，並延長刀具壽命，提高產能，降低成本，切削品質更佳，壽命比一般無鍍層刀具更高。
- 用途：板類跟實木加工。

Three Flute-Solid Carbide Roughing Tool-Upcut / Downcut-TB Coating

This tool will produce a rippled edge cut and extremely quiet and smooth cutting. With TB coatings to enhance the tools' life and cutting speed. Make customers have a better production efficiency, production capability. It can also lower cost, better cutting quality, and longer life than the uncoated one. Usage: Ideal for MDF, Plywood & Wood.



Z100-1253TB/Z105-1303TB

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material

WD

MP

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z100-1253TB-12-32-12	Z105-1303TB-12-32-12	12	32	12	80
Z100-1253TB-12-42-12	Z105-1303TB-12-42-12	12	42	12	90
Z100-1253TB-12-50-12	Z105-1303TB-12-50-12	12	50	12	100
Z100-1253TB-16-32-16	Z105-1303TB-16-32-16	16	32	16	80
Z100-1253TB-16-42-16	Z105-1303TB-16-42-16	16	42	16	90
Z100-1253TB-16-50-16	Z105-1303TB-16-50-16	16	50	16	100

單位:inch

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z100-1253TB-3/8-1-1/8-3/8	Z105-1303TB-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3-1/2"
Z100-1253TB-1/2-1-1/8-1/2	Z105-1303TB-1/2-1-1/8-1/2	1/2"	1-1/8"	1/2"	3-1/2"
Z100-1253TB-1/2-1-5/8-1/2	Z105-1303TB-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	4"
Z100-1253TB-5/8-1-5/8-5/8	Z105-1303TB-5/8-1-5/8-5/8	5/8"	1-5/8"	5/8"	4"
Z100-1253TB-5/8-2-1/8-5/8	Z105-1303TB-5/8-2-1/8-5/8	5/8"	2-1/8"	5/8"	5"
Z100-1253TB-3/4-1-5/8-3/4	Z105-1303TB-3/4-1-5/8-3/4	3/4"	1-5/8"	3/4"	4"
Z100-1253TB-3/4-2-1/8-3/4	Z105-1303TB-3/4-2-1/8-3/4	3/4"	2-1/8"	3/4"	5"

螺旋角 Helix Angle : 25° / 30°



▶ Z100-1253/Z105-1303

三刃-全鎢鋼粗銑刀-上旋切割/下旋切割

- 說明：用於粗銑加工，切削速度快，有極佳的排屑功能。
- 用途：實木。

Three Flute-Solid Carbide Roughing Tool - Upcut / Downcut

Designed to provide excellent chip removal function. Reducing power consumption and friction. It also has longer useful life and durability.
Usage: Wood.



Z100-1253/Z105-1303

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **WD**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z100-1253-12-32-12	Z105-1303-12-32-12	12	32	12	80
Z100-1253-12-42-12	Z105-1303-12-42-12	12	42	12	90
Z100-1253-12-50-12	Z105-1303-12-50-12	12	50	12	100
Z100-1253-16-32-16	Z105-1303-16-32-16	16	32	16	80
Z100-1253-16-42-16	Z105-1303-16-42-16	16	42	16	90
Z100-1253-16-50-16	Z105-1303-16-50-16	16	50	16	100

單位:inch

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z100-1253-3/8-1-1/8-3/8	Z105-1303-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3-1/2"
Z100-1253-1/2-1-1/8-1/2	Z105-1303-1/2-1-1/8-1/2	1/2"	1-1/8"	1/2"	3-1/2"
Z100-1253-1/2-1-5/8-1/2	Z105-1303-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	4"
Z100-1253-5/8-1-5/8-5/8	Z105-1303-5/8-1-5/8-5/8	5/8"	1-5/8"	5/8"	4"
Z100-1253-5/8-2-1/8-5/8	Z105-1303-5/8-2-1/8-5/8	5/8"	2-1/8"	5/8"	5"
Z100-1253-3/4-1-5/8-3/4	Z105-1303-3/4-1-5/8-3/4	3/4"	1-5/8"	3/4"	4"
Z100-1253-3/4-2-1/8-3/4	Z105-1303-3/4-2-1/8-3/4	3/4"	2-1/8"	3/4"	5"

螺旋角 Helix Angle : 25° / 30°



▶ Z300-1253/Z305-1303

三刃-全鎢鋼粗細銑刀-上旋切割/下旋切割

- 說明：在快速加工的精修環境下有極高的穩定度。
- 用途：實木。

Three Flute - Solid Carbide Chipbreaker Finisher-Upcut/Downcut

For additional balance at fast feed rates with a smooth finish.

Usage: Wood.



Z300-1253/Z305-1303

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **WD**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z300-1253-8-25-8	Z305-1303-8-25-8	8	25	8	70
Z300-1253-10-25-10	Z305-1303-10-25-10	10	25	10	70
Z300-1253-12-32-12	Z305-1303-12-32-12	12	32	12	80
Z300-1253-12-42-12	Z305-1303-12-42-12	12	42	12	90
Z300-1253-12-50-12	Z305-1303-12-50-12	12	50	12	100
Z300-1253-16-32-16	Z305-1303-16-32-16	16	32	16	80
Z300-1253-16-42-16	Z305-1303-16-42-16	16	42	16	90
Z300-1253-16-50-16	Z305-1303-16-50-16	16	50	16	100
Z300-1253-20-42-20	Z305-1303-20-42-20	20	42	20	90
Z300-1253-20-50-20	Z305-1303-20-50-20	20	50	20	100
Z300-1253-20-80-20	Z305-1303-20-80-20	20	80	20	150

單位:inch

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z300-1253-3/8-1-1/8-3/8	Z305-1303-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3"
Z300-1253-1/2-1-1/8-1/2	Z305-1303-1/2-1-1/8-1/2	1/2"	1-1/8"	1/2"	3"
Z300-1253-1/2-1-5/8-1/2	Z305-1303-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	3-1/2"
Z300-1253-5/8-1-5/8-5/8	Z305-1303-5/8-1-5/8-5/8	5/8"	1-5/8"	5/8"	4"
Z300-1253-3/4-1-5/8-3/4	Z305-1303-3/4-1-5/8-3/4	3/4"	1-5/8"	3/4"	4"
Z300-1253-3/4-3-1/8-3/4	Z305-1303-3/4-3-1/8-3/4	3/4"	3-1/8"	3/4"	6"

螺旋角 Helix Angle : 25° / 30°



▶ Z40-1301/Z40-1601

單刃-全鎢鋼雕刻刀-60/30度（雕刻專用刀）

- 說明：半圓形雕刻刀尖端徑可加工廣範圍角度適合各種雕刻方式。
- 用途：實木、塑膠、雲石、鋁。

Single Flute - Solid Carbide Engraving Tools

This engraving tool is offered with a wide range of tip sizes and angles to accommodate many engraving styles.

Usage: Wood, Plastic, Solid surface, Aluminum.

規格表 a:角度 / A:刃徑 / C:柄徑 / L:總長

Material **WD** **PA** **SS** **AC**

Specification a:Angle / A:Cutting Diameter / C:Shank Diameter / L:Overall Length

單位:mm

型號 Item No.	a	A	C	L
Z40-1601-0.25-6-51	60°	0.25	6	51
Z40-1601-0.5-6-51	60°	0.5	6	51
Z40-1601-0.75-6-51	60°	0.75	6	51
Z40-1601-1.5-6-51	60°	1.5	6	51
Z40-1601-2.5-6-51	60°	2.5	6	51
Z40-1601-0.25-6-166	60°	0.25	6	166
Z40-1601-0.5-6-166	60°	0.5	6	166
Z40-1601-0.75-6-166	60°	0.75	6	166
Z40-1601-1.5-6-166	60°	1.5	6	166
Z40-1601-2.5-6-166	60°	2.5	6	166

單位:inch

型號 Item No.	a	A	C	L
Z40-1301-0.005-1/4-2	30°	0.005"	1/4"	2"
Z40-1301-0.010-1/4-2	30°	0.010"	1/4"	2"
Z40-1301-0.020-1/4-2	30°	0.020"	1/4"	2"
Z40-1301-0.030-1/4-2	30°	0.030"	1/4"	2"
Z40-1301-0.040-1/4-2	30°	0.040"	1/4"	2"
Z40-1301-0.060-1/4-2	30°	0.060"	1/4"	2"
Z40-1301-0.090-1/4-2	30°	0.090"	1/4"	2"
Z40-1601-0.005-1/4-2	60°	0.005"	1/4"	2"
Z40-1601-0.010-1/4-2	60°	0.010"	1/4"	2"
Z40-1601-0.020-1/4-2	60°	0.020"	1/4"	2"
Z40-1601-0.030-1/4-2	60°	0.030"	1/4"	2"
Z40-1601-0.040-1/4-2	60°	0.040"	1/4"	2"
Z40-1601-0.060-1/4-2	60°	0.060"	1/4"	2"
Z40-1601-0.090-1/4-2	60°	0.090"	1/4"	2"



▶ Z100-1202/Z105-1202

二刃-全鋁鋼粗銑刀-上旋切割/下旋切割

- 說明：適合用於低馬力CNC機台或無法加工於較高進給速度時
切削時會產生波紋邊緣及平穩的切割，可提供極佳的斷屑功能。
- 用途：板類。

Double Flute-Solid Carbide Roughing Tool - Upcut / Downcut

These tools will produce a rippled edge cut and extremely quiet and smooth cutting. Designed for use when faster rates cannot be achieved or on low horsepower machines.

Usage: MDF, Plywood.



Z100-1202 / Z105-1202

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **MP**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z100-1202-6-20-6	Z105-1202-6-20-6	6	20	6	55
Z100-1202-8-25-8	Z105-1202-8-25-8	8	25	8	70
Z100-1202-10-25-10	Z105-1202-10-25-10	10	25	10	70
Z100-1202-12-32-12	Z105-1202-12-32-12	12	32	12	80
Z100-1202-12-42-12	Z105-1202-12-42-12	12	42	12	90
Z100-1202-12-50-12	Z105-1202-12-50-12	12	50	12	100

單位:inch

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
Z100-1202-3/8-1-3/8-3/8	Z105-1202-3/8-1-3/8-3/8	3/8"	1-3/8"	3/8"	3-1/2"
Z100-1202-1/2-1-3/8-1/2	Z105-1202-1/2-1-3/8-1/2	1/2"	1-3/8"	1/2"	3-1/2"
Z100-1202-1/2-1-7/8-1/2	Z105-1202-1/2-1-7/8-1/2	1/2"	1-7/8"	1/2"	4"
Z100-1202-5/8-2-5/8-5/8	Z105-1202-5/8-2-5/8-5/8	5/8"	2-5/8"	5/8"	5"
Z100-1202-3/4-2-7/8-3/4	Z105-1202-3/4-2-7/8-3/4	3/4"	2-7/8"	3/4"	6"

螺旋角 Helix Angle : 20°



▶ Z80-1302

二刃-全鎢鋼複合式螺旋刀

- 說明：此刀子結合上旋切割及下旋切割，可同時切割使雙邊貼皮的薄片木板或實木材質，切削後表面平整光滑，無殘留木屑之虞。
- 用途：板類。

Double Flute-Solid Carbide Compression Spiral

Designed for fast feed rates and optimum edge finish on double-sided laminated material. Also, it can prevent chipping or fizzing on the top and the bottom of the cut.
Usage: MDF, Plywood.



Z80-1302

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **MP**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
Z80-1302-6-20-6	6	20	6	55
Z80-1302-8-25-8	8	25	8	70
Z80-1302-10-32-10	10	32	10	80
Z80-1302-12-32-12	12	32	12	80
Z80-1302-12-42-12	12	42	12	90
Z80-1302-12-50-12	12	50	12	100
Z80-1302-16-32-16	16	32	16	80
Z80-1302-16-42-16	16	42	16	90
Z80-1302-16-50-16	16	50	16	100

單位:inch

型號 Item No.	A	B	C	L
Z80-1302-1/4-7/8-1/4	1/4"	7/8"	1/4"	2-1/2"
Z80-1302-3/8-7/8-3/8	3/8"	7/8"	3/8"	3"
Z80-1302-3/8-1-1/4-3/8	3/8"	1-1/4"	3/8"	3"
Z80-1302-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3"
Z80-1302-1/2-1-1/2	1/2"	1"	1/2"	3"
Z80-1302-1/2-1-3/8-1/2	1/2"	1-3/8"	1/2"	3-1/2"
Z80-1302-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	3-1/2"
Z80-1302-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	4"
Z80-1302-1/2-2-1/2-1/2	1/2"	2-1/2"	1/2"	5"
Z80-1302-5/8-2-1/4-5/8	5/8"	2-1/4"	5/8"	5"
Z80-1302-3/4-1-7/8-3/4	3/4"	1-7/8"	3/4"	4"
Z80-1302-3/4-2-1/2-3/4	3/4"	2-1/2"	3/4"	5"

螺旋角 Helix Angle : 30°



▶ Z80-1303

三刃-全鎢鋼複合式螺旋刀

- 說明：複合式設計適合加工於極高進給速度，精修雙邊工件效果佳。
- 用途：板類。

Three Flute-Solid Carbide Compression Spiral

Compression design for ultra high feed rates and optimum edge finish on both sides of laminated material.

Usage: MDF, Plywood.



Z80-1303

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **MP**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
Z80-1303-10-32-10	10	32	10	80
Z80-1303-12-32-12	12	32	12	80
Z80-1303-12-42-12	12	42	12	90
Z80-1303-12-50-12	12	50	12	100

單位:inch

型號 Item No.	A	B	C	L
Z80-1303-3/8-7/8-3/8	3/8"	7/8"	3/8"	3"
Z80-1303-3/8-1-1/4-3/8	3/8"	1-1/4"	3/8"	3"
Z80-1303-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3"
Z80-1303-1/2-1-1/2	1/2"	1"	1/2"	3"
Z80-1303-1/2-1-3/8-1/2	1/2"	1-3/8"	1/2"	3-1/2"
Z80-1303-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	3-1/2"
Z80-1303-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	4"
Z80-1303-1/2-2-1/2-1/2	1/2"	2-1/2"	1/2"	5"
Z80-1303-5/8-2-1/4-5/8	5/8"	2-1/4"	5/8"	5"
Z80-1303-3/4-1-7/8-3/4	3/4"	1-7/8"	3/4"	4"
Z80-1303-3/4-2-1/2-3/4	3/4"	2-1/2"	3/4"	5"

螺旋角 Helix Angle : 30°



▶ Z80-1302TB

二刃-全鎢鋼複合式螺旋刀-TB鍍層

- 說明：刀具本身上下螺旋設計，加工物上下不會產生毛邊，適合高速切削。
刀具加TB鍍層使刀具本身的磨擦係數有效降低，可延長刀具的壽命，提高產能，降低成本，切削品質更佳，壽命比無鍍層刀具更長。
- 用途：板類。

Two Flute-Solid Carbide Compression Spiral With TB Coating

Designed for fast feed rates and optimum edge finish on double-sided laminated material. With TB coatings to enhance the tools' life and cutting speed. Make customers have a better production efficiency, production capability. It can also lower cost, better cutting quality and longer life than the uncoated one.
Usage: MDF, Plywood.



Z80-1302TB

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **MP**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
Z80-1302TB-6-20-6	6	20	6	55
Z80-1302TB-8-25-8	8	25	8	70
Z80-1302TB-10-32-10	10	32	10	80
Z80-1302TB-12-32-12	12	32	12	80
Z80-1302TB-12-42-12	12	42	12	90
Z80-1302TB-12-50-12	12	50	12	100
Z80-1302TB-16-32-16	16	32	16	80
Z80-1302TB-16-42-16	16	42	16	90
Z80-1302TB-16-50-16	16	50	16	100

單位:inch

型號 Item No.	A	B	C	L
Z80-1302TB-1/4-7/8-1/4	1/4"	7/8"	1/4"	2-1/2"
Z80-1302TB-3/8-7/8-3/8	3/8"	7/8"	3/8"	3"
Z80-1302TB-3/8-1-1/4-3/8	3/8"	1-1/4"	3/8"	3"
Z80-1302TB-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3"
Z80-1302TB-1/2-1-1/2	1/2"	1"	1/2"	3"
Z80-1302TB-1/2-1-3/8-1/2	1/2"	1-3/8"	1/2"	3-1/2"
Z80-1302TB-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	3-1/2"
Z80-1302TB-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	4"
Z80-1302TB-1/2-2-1/2-1/2	1/2"	2-1/2"	1/2"	5"
Z80-1302TB-5/8-2-1/4-5/8	5/8"	2-1/4"	5/8"	5"
Z80-1302TB-3/4-1-7/8-3/4	3/4"	1-7/8"	3/4"	4"
Z80-1302TB-3/4-2-1/2-3/4	3/4"	2-1/2"	3/4"	5"

螺旋角 Helix Angle : 30°



▶ Z50SP-1002

二刃-全鎢鋼直刀

- 說明：此系列刀子的加工效果會來得比一般傳統焊接式刀子更好用且使用壽命更持久。也不易損斷，應用切削於各種材質亦可提供極佳的平坦的效果；是非常符合經濟效益的刀子。
- 用途：實木、板類、塑膠、泡棉。

Two Flute-Solid Carbide Straight Bits

The tool provides a superior finish in a variety of materials and optimum cutter life.

Usage: Wood, MDF, Plywood, Plastic, Foam.



Z50SP-1002

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

Material



單位:mm

型號 Item No.	A	B	C	L
Z50SP-1002-6-15-6	6	15	6	55
Z50SP-1002-6-20-6	6	20	6	55
Z50SP-1002-8-25-8	8	25	8	70
Z50SP-1002-10-25-10	10	25	10	70
Z50SP-1002-12-32-12	12	32	12	80
Z50SP-1002-12-42-12	12	42	12	90
Z50SP-1002-12-50-12	12	50	12	100

單位:inch

型號 Item No.	A	B	C	L
Z50SP-1002-1/4-3/4-1/4	1/4"	3/4"	1/4"	2-1/2"
Z50SP-1002-1/4-7/8-1/4	1/4"	7/8"	1/4"	2-1/2"
Z50SP-1002-1/4-1-1/4	1/4"	1"	1/4"	2-1/2"
Z50SP-1002-1/4-1-1/8-1/4	1/4"	1-1/8"	1/4"	3"
Z50SP-1002-9/32-1-5/16	9/32"	1"	5/16"	2-1/2"
Z50SP-1002-5/16-1-1/8-5/16	5/16"	1-1/8"	5/16"	3"
Z50SP-1002-3/8-1-1/4-3/8	3/8"	1-1/4"	3/8"	3"
Z50SP-1002-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3"
Z50SP-1002-5/16-1-1/2	5/16"	1"	1/2"	3"
Z50SP-1002-3/8-1-1/4-1/2	3/8"	1-1/4"	1/2"	3"
Z50SP-1002-7/16-1-1/2	7/16"	1"	1/2"	3"
Z50SP-1002-1/2-1-1/8-1/2	1/2"	1-1/8"	1/2"	3"
Z50SP-1002-1/2-1-1/4-1/2	1/2"	1-1/4"	1/2"	3"
Z50SP-1002-1/2-1-1/2-1/2	1/2"	1-1/2"	1/2"	3-1/2"
Z50SP-1002-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	3-1/2"
Z50SP-1002-1/2-2-1/2	1/2"	2"	1/2"	4"
Z50SP-1002-1/2-2-1/8-1/2	1/2"	2-1/8"	1/2"	4"



▶ Z50SP-1003

三刃-全鎢鋼直刀

- 說明：此系列三刃的設計，將使加工效果會比二刃刀子的使用壽命更為長久，且加工後表面更加的細緻。
- 用途：實木、板類、塑膠、泡棉。

Three Flute-Solid Carbide Straight Bits

Designed to rout extremely hard materials, and longer durability.

Usage: Wood, MDF, Plywood, Plastic, Foam.



Z50SP-1003

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **WD** **MP** **PA** **FM**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
Z50SP-1003-12-32-12	12	32	12	80
Z50SP-1003-12-42-12	12	42	12	90
Z50SP-1003-12-50-12	12	50	12	100
Z50SP-1003-16-32-16	16	32	16	80
Z50SP-1003-16-42-16	16	42	16	90
Z50SP-1003-16-50-16	16	50	16	100

單位:inch

型號 Item No.	A	B	C	L
Z50SP-1003-1/2-1-1/4-1/2	1/2"	1-1/4"	1/2"	3"
Z50SP-1003-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	3-1/2"
Z50SP-1003-1/2-2-1/2	1/2"	2"	1/2"	4"
Z50SP-1003-5/8-1-5/8-5/8	5/8"	1-5/8"	5/8"	3-1/2"
Z50SP-1003-5/8-2-5/8	5/8"	2"	5/8"	4"
Z50SP-1003-3/4-1-5/8-3/4	3/4"	1-5/8"	3/4"	3-1/2"
Z50SP-1003-3/4-2-3/4	3/4"	2"	3/4"	4"



▶ Z53SP-1002

二刃-全鎢鋼粗細銑直刀

- 說明：此系列獨特的設計將可提供刀子在加工的過程中不但產生平坦的效果並有著極佳的斷屑功用。此外，加工的效果也會來的比一般傳統焊接式的刀子更佳且使用壽命亦更持久，且不易損斷。
- 用途：板類、塑膠、泡棉。

Two Flute - Solid Carbide Straight Bits For Chipbreaker

Design to provide a high finishing performance and with excellent chip removal function.

Usage: MDF, Plywood, Plastic, Foam.



Z53SP-1002

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **MP** **PA** **FM**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
Z53SP-1002-8-25-8	8	25	8	70
Z53SP-1002-10-25-10	10	25	10	70
Z53SP-1002-12-32-12	12	32	12	80
Z53SP-1002-12-42-12	12	42	12	90
Z53SP-1002-12-50-12	12	50	12	100
Z53SP-1002-16-32-16	16	32	16	80
Z53SP-1002-16-42-16	16	42	16	90
Z53SP-1002-16-50-16	16	50	16	100

單位:inch

型號 Item No.	A	B	C	L
Z53SP-1002-1/4-3/4-1/4	1/4"	3/4"	1/4"	2-1/2"
Z53SP-1002-1/4-7/8-1/4	1/4"	7/8"	1/4"	2-1/2"
Z53SP-1002-1/4-1-1/4	1/4"	1"	1/4"	2-1/2"
Z53SP-1002-1/4-1-1/8-1/4	1/4"	1-1/8"	1/4"	3"
Z53SP-1002-9/32-1-5/16	9/32"	1"	5/16"	2-1/2"
Z53SP-1002-5/16-1-1/8-5/16	5/16"	1-1/8"	5/16"	3"
Z53SP-1002-3/8-1-1/4-3/8	3/8"	1-1/4"	3/8"	3"
Z53SP-1002-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3"
Z53SP-1002-5/16-1-1/2	5/16"	1"	1/2"	3"
Z53SP-1002-3/8-1-1/4-1/2	3/8"	1-1/4"	1/2"	3"
Z53SP-1002-7/16-1-1/2	7/16"	1"	1/2"	3"
Z53SP-1002-1/2-1-1/8-1/2	1/2"	1-1/8"	1/2"	3"
Z53SP-1002-1/2-1-1/4-1/2	1/2"	1-1/4"	1/2"	3"
Z53SP-1002-1/2-1-1/2-1/2	1/2"	1-1/2"	1/2"	3-1/2"
Z53SP-1002-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	3-1/2"
Z53SP-1002-1/2-2-1/2	1/2"	2"	1/2"	4"
Z53SP-1002-1/2-2-1/8-1/2	1/2"	2-1/8"	1/2"	4"



V100-
左轉切割
Left Hand

V100-
右轉切割
Right Hand

► V100

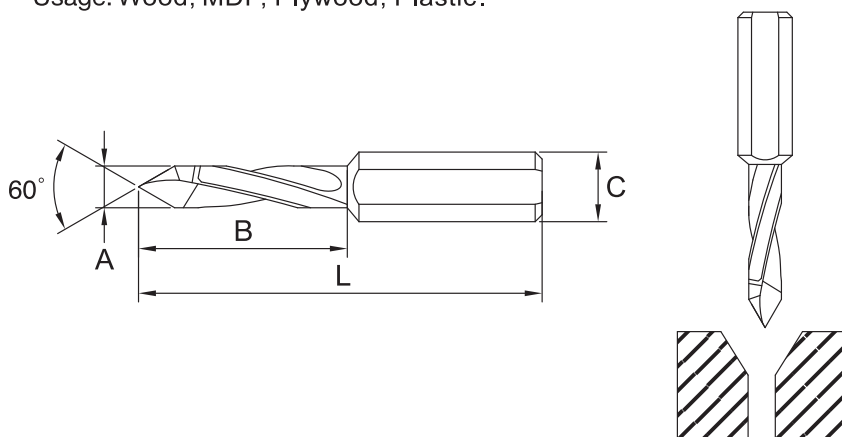
可調式 V 型鎢鋼鑽尾 (57長/70長)

- 說明：前端為鎢鋼材質焊接製造而成，V型的設計屬穿透型，在加工的過程中比較不會起毛邊或造成破裂之問題。
- 用途：實木、板類、塑膠。

Carbide Tipped Dowel Drill Bits - V Point(57mm/70mm)

V-point tip for clean through hole drilling and flat chucking surface with adjustable set screw available in right and left hand rotation. These tools will not cause fluff or fracture problems while reproducing.

Usage: Wood, MDF, Plywood, Plastic.



規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material WD MP PA

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

右轉切割 Right hand	左轉切割 Left hand	A(mm)	A(inch)	B(mm)	C(mm)	L(mm)
V100-574R	V100-574L	4		30	10x23	57
V100-57476R	V100-57476L	4.76	3/16"	30	10x23	57
V100-575R	V100-575L	5		30	10x23	57
V100-57555R	V100-57555L	5.55	7/32"	30	10x23	57
V100-576R	V100-576L	6		30	10x23	57
V100-57635R	V100-57635L	6.35	1/4"	30	10x23	57
V100-577R	V100-577L	7		30	10x23	57
V100-578R	V100-578L	8		30	10x23	57
V100-579R	V100-579L	9		30	10x23	57
V100-57952R	V100-57952L	9.52	3/8"	30	10x23	57
V100-5710R	V100-5710L	10		30	10x23	57
V100-5711R	V100-5711L	11		30	10x23	57
V100-5712R	V100-5712L	12		30	10x23	57
V100-57127R	V100-57127L	12.7	1/2"	30	10x23	57
V100-5713R	V100-5713L	13		30	10x23	57
V100-5714R	V100-5714L	14		30	10x23	57
V100-5715R	V100-5715L	15		30	10x23	57
V100-5716R	V100-5716L	16		30	10x23	57

單位:inch

右轉切割 Right hand	左轉切割 Left hand	A(mm)	A(inch)	B(mm)	C(mm)	L(mm)
V100-704R	V100-704L	4		43	10x23	70
V100-70476R	V100-70476L	4.76	3/16"	43	10x23	70
V100-705R	V100-705L	5		43	10x23	70
V100-70555R	V100-70555L	5.55	7/32"	43	10x23	70
V100-706R	V100-706L	6		43	10x23	70
V100-70635R	V100-70635L	6.35	1/4"	43	10x23	70
V100-707R	V100-707L	7		43	10x23	70
V100-708R	V100-708L	8		43	10x23	70
V100-709R	V100-709L	9		43	10x23	70
V100-70952R	V100-70952L	9.52	3/8"	43	10x23	70
V100-7010R	V100-7010L	10		43	10x23	70
V100-7011R	V100-7011L	11		43	10x23	70
V100-7012R	V100-7012L	12		43	10x23	70
V100-70127R	V100-70127L	12.7	1/2"	43	10x23	70
V100-7013R	V100-7013L	13		43	10x23	70
V100-7014R	V100-7014L	14		43	10x23	70
V100-7015R	V100-7015L	15		43	10x23	70
V100-7016R	V100-7016L	16		43	10x23	70



VH400-
右轉切割
Right Hand

VH400-
左轉切割
Left Hand

▶ VH400

可調式V型全鎢鋼鑽尾 (57長/70長)

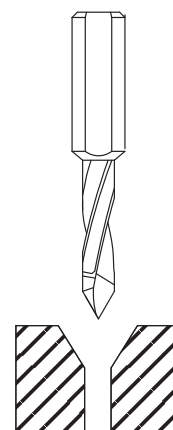
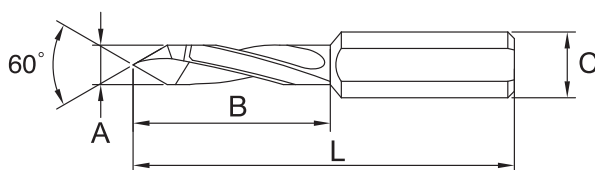
- 說明：由全鎢鋼材質一體製造而成，有不易彎曲、耐用性高的優點。特殊 V 型的設計屬穿透型，在加工的過程中比較不會起毛邊或造成破裂之問題。
- 用途：實木、板類、塑膠。
- * 左轉方向的柄部有個凹線記號。

Solid Carbide Dowel Drill Bits V- Point(57mm/70mm)

Solid carbide body of V-point tip for clean through hole drilling and flat chucking surface with adjustable set screw available in right and left hand rotation These tools. will not cause fluff or fracture problems while reproducing.

Usage: Wood, MDF, Plywood, Plastic.

*Remark: Custom sizes available per your specifications.



規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **WD** **MP** **PA**

Specification A:Cutting Diameter / B:Cutting Length / C:Shank Diameter / L:Overall Length

單位:mm

右轉切割 Right hand	左轉切割 Left hand	A(mm)	A(inch)	B(mm)	C(mm)	L(mm)
VH400-573R	VH400-573L	3		30	10x27	57
VH400-574R	VH400-574L	4		30	10x27	57
VH400-57476R	VH400-57476L	4.76	3/16"	30	10x27	57
VH400-575R	VH400-575L	5		30	10x27	57
VH400-57555R	VH400-57555L	5.55	7/32"	30	10x27	57
VH400-576R	VH400-576L	6		30	10x27	57
VH400-57635R	VH400-57635L	6.35	1/4"	30	10x27	57
VH400-577R	VH400-577L	7		30	10x27	57
VH400-578R	VH400-578L	8		30	10x27	57
VH400-579R	VH400-579L	9		30	10x27	57
VH400-57952R	VH400-57952L	9.52	3/8"	30	10x27	57
VH400-5710R	VH400-5710L	10		30	10x27	57
VH400-5711R	VH400-5711L	11		30	10x27	57
VH400-5712R	VH400-5712L	12		30	10x27	57
VH400-57127R	VH400-57127L	12.7	1/2"	30	10x27	57

單位:inch

右轉切割 Right hand	左轉切割 Left hand	A(mm)	A(inch)	B(mm)	C(mm)	L(mm)
VH400-703R	VH400-703L	3		43	10x27	70
VH400-704R	VH400-704L	4		43	10x27	70
VH400-70476R	VH400-70476L	4.76	3/16"	43	10x27	70
VH400-705R	VH400-705L	5		43	10x27	70
VH400-70555R	VH400-70555L	5.55	7/32"	43	10x27	70
VH400-706R	VH400-706L	6		43	10x27	70
VH400-70635R	VH400-70635L	6.35	1/4"	43	10x27	70
VH400-707R	VH400-707L	7		43	10x27	70
VH400-708R	VH400-708L	8		43	10x27	70
VH400-709R	VH400-709L	9		43	10x27	70
VH400-70952R	VH400-70952L	9.52	3/8"	43	10x27	70
VH400-7010R	VH400-7010L	10		43	10x27	70
VH400-7011R	VH400-7011L	11		43	10x27	70
VH400-7012R	VH400-7012L	12		43	10x27	70
VH400-70127R	VH400-70127L	12.7	1/2"	43	10x27	70



WH500-
右轉切割
Right Hand

WH500-
左轉切割
Left Hand

▶ WH500

可調式山型全鎢鋼鑽尾 (57長/70長)

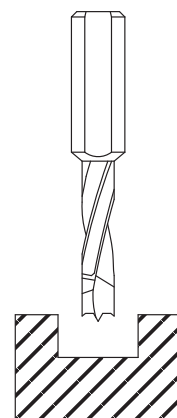
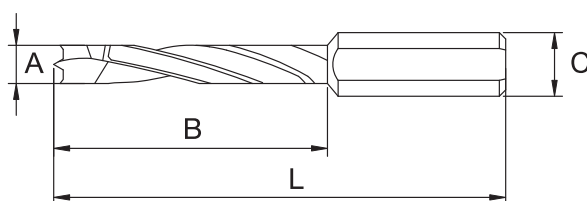
- 說明: 由全鎢鋼材質一體製造而成, 有不易彎曲、耐用性高的優點。特殊 W 型的設計屬半穿透型, 在加工的過程中比較不會起毛邊或造成破裂之問題。
- 用途: 實木、板類、塑膠。
- * 左轉方向的柄部有個凹線記號。

Solid Carbide Dowel Drill Bits Brad Point(57mm/70mm)

Solid carbide body of brad point tip and flat chucking surface with adjustable set screw available in right and left hand rotation.

Usage: Wood, MDF, Plywood, Plastic.

*Remark: Custom sizes available per your specifications.



規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **WD** **MP** **PA**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

右轉切割 Right hand	左轉切割 Left hand	A(mm)	A(inch)	B(mm)	C(mm)	L(mm)
WH500-573R	WH500-573L	3		30	10x27	57
WH500-574R	WH500-574L	4		30	10x27	57
WH500-5745R	WH500-5745L	4.5		30	10x27	57
WH500-57476R	WH500-57476L	4.76	3/16"	30	10x27	57
WH500-575R	WH500-575L	5		30	10x27	57
WH500-5751R	WH500-5751L	5.1		30	10x27	57
WH500-57555R	WH500-57555L	5.55	7/32"	30	10x27	57
WH500-576R	WH500-576L	6		30	10x27	57
WH500-57635R	WH500-57635L	6.35	1/4"	30	10x27	57
WH500-5765R	WH500-5765L	6.5		30	10x27	57
WH500-577R	WH500-577L	7		30	10x27	57
WH500-578R	WH500-578L	8		30	10x27	57
WH500-579R	WH500-579L	9		30	10x27	57
WH500-57952R	WH500-57952L	9.52	3/8"	30	10x27	57
WH500-5710R	WH500-5710L	10		30	10x27	57
WH500-5711R	WH500-5711L	11		30	10x27	57
WH500-5712R	WH500-5712L	12		30	10x27	57
WH500-57127R	WH500-57127L	12.7	1/2"	30	10x27	57

單位:inch

右轉切割 Right hand	左轉切割 Left hand	A(mm)	A(inch)	B(mm)	C(mm)	L(mm)
WH500-703R	WH500-703L	3		43	10x27	70
WH500-704R	WH500-704L	4		43	10x27	70
WH500-7045R	WH500-7045L	4.5		43	10x27	70
WH500-70476R	WH500-70476L	4.76	3/16"	43	10x27	70
WH500-705R	WH500-705L	5		43	10x27	70
WH500-7051R	WH500-7051L	5.1		43	10x27	70
WH500-70555R	WH500-70555L	5.55	7/32"	43	10x27	70
WH500-706R	WH500-706L	6		43	10x27	70
WH500-70635R	WH500-70635L	6.35	1/4"	43	10x27	70
WH500-7065R	WH500-7065L	6.5		43	10x27	70
WH500-707R	WH500-707L	7		43	10x27	70
WH500-708R	WH500-708L	8		43	10x27	70
WH500-709R	WH500-709L	9		43	10x27	70
WH500-70952R	WH500-70952L	9.52	3/8"	43	10x27	70
WH500-7010R	WH500-7010L	10		43	10x27	70
WH500-7011R	WH500-7011L	11		43	10x27	70
WH500-7012R	WH500-7012L	12		43	10x27	70
WH500-70127R	WH500-70127L	12.7	1/2"	43	10x27	70



W200-
左轉切割
Left Hand

W200-
右轉切割
Right Hand

▶ W200

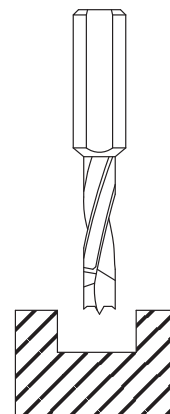
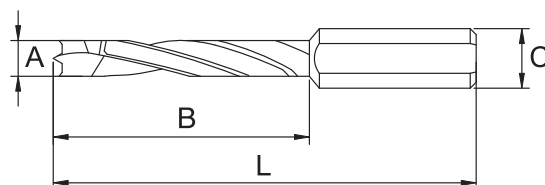
可調式山型鎢鋼鑽尾 (57長/70長)

- 說明：前端為鎢鋼材質焊接製造而成，特殊W型的設計屬半穿透型。
- 用途：實木、板類、塑膠。

Carbide Tipped Dowel Drill Bits - Brad Point(57mm/70mm)

Brad point tip and flat chucking surface with adjustable set screw available in right and left hand rotation.

Usage: Wood, MDF, Plywood, Plastic.



規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **WD** **MP** **PA**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

右轉切割 Right hand	左轉切割 Left hand	A(mm)	A(inch)	B(mm)	C(mm)	L(mm)
W200-574R	W200-574L	4		30	10x23	57
W200-5745R	W200-5745L	4.5		30	10x23	57
W200-57476R	W200-57476L	4.76	3/16"	30	10x23	57
W200-575R	W200-575L	5		30	10x23	57
W200-5751R	W200-5751L	5.1		30	10x23	57
W200-57555R	W200-57555L	5.55	7/32"	30	10x23	57
W200-576R	W200-576L	6		30	10x23	57
W200-57635R	W200-57635L	6.35	1/4"	30	10x23	57
W200-5765R	W200-5765L	6.5		30	10x23	57
W200-577R	W200-577L	7		30	10x23	57
W200-578R	W200-578L	8		30	10x23	57
W200-579R	W200-579L	9		30	10x23	57
W200-57952R	W200-57952L	9.52	3/8"	30	10x23	57
W200-5710R	W200-5710L	10		30	10x23	57
W200-5711R	W200-5711L	11		30	10x23	57
W200-5712R	W200-5712L	12		30	10x23	57
W200-57127R	W200-57127L	12.70	1/2"	30	10x23	57
W200-5713R	W200-5713L	13		30	10x23	57
W200-5714R	W200-5714L	14		30	10x23	57
W200-5715R	W200-5715L	15		30	10x23	57
W200-571587R	W200-571587L	15.87	5/8"	30	10x23	57
W200-5716R	W200-5716L	16		30	10x23	57
W200-5717R	W200-5717L	17		30	10x23	57
W200-5718R	W200-5718L	18		30	10x23	57
W200-5719R	W200-5719L	19	3/4"	30	10x23	57
W200-5720R	W200-5720L	20		30	10x23	57

單位:inch

右轉切割 Right hand	左轉切割 Left hand	A(mm)	A(inch)	B(mm)	C(mm)	L(mm)
W200-704R	W200-704L	4		43	10x23	70
W200-7045R	W200-7045L	4.5		43	10x23	70
W200-70476R	W200-70476L	4.76	3/16"	43	10x23	70
W200-705R	W200-705L	5		43	10x23	70
W200-7051R	W200-7051L	5.1		43	10x23	70
W200-70555R	W200-70555L	5.55	7/32"	43	10x23	70
W200-706R	W200-706L	6		43	10x23	70
W200-70635R	W200-70635L	6.35	1/4"	43	10x23	70
W200-7065R	W200-7065L	6.5		43	10x23	70
W200-707R	W200-707L	7		43	10x23	70
W200-708R	W200-708L	8		43	10x23	70
W200-709R	W200-709L	9		43	10x23	70
W200-70952R	W200-70952L	9.52	3/8"	43	10x23	70
W200-7010R	W200-7010L	10		43	10x23	70
W200-7011R	W200-7011L	11		43	10x23	70
W200-7012R	W200-7012L	12		43	10x23	70
W200-70127R	W200-70127L	12.70	1/2"	43	10x23	70
W200-7013R	W200-7013L	13		43	10x23	70
W200-7014R	W200-7014L	14		43	10x23	70
W200-7015R	W200-7015L	15		43	10x23	70
W200-701587R	W200-701587L	15.87	5/8"	43	10x23	70
W200-7016R	W200-7016L	16		43	10x23	70
W200-7017R	W200-7017L	17		43	10x23	70
W200-7018R	W200-7018L	18		43	10x23	70
W200-7019R	W200-7019L	19	3/4"	43	10x23	70
W200-7020R	W200-7020L	20		43	10x23	70



▶ Z700-8302

二刃-全鎢鋼螺旋球刀-上旋切割（雕刻刀系列）

- 說明：此系列刀具可應用於雕刻及修邊之標準規格的加工。
- 用途：塑膠、雲石、鋁。

Double Flute - Solid Carbide Engraving Spiral Ball Nose-Upcut

The tool can be used for carving and producing a smooth edge cut.
Usage: Plastic, Solid Surface, Aluminum.



Z700-8302

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **PA** **SS** **AC**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	R角(R Angle)	A	B	C	L
Z700-8302-3R-6-20-6	3R	6	20	6	55
Z700-8302-4R-8-20-8	4R	8	20	8	70
Z700-8302-5R-10-20-10	5R	10	20	10	70
Z700-8302-6R-12-25-12	6R	12	25	12	75
Z700-8302-8R-16-25-16	8R	16	25	16	75
Z700-8302-10R-20-30-30	10R	20	30	30	100

單位:inch

型號 Item No.	R角(R Angle)	A	B	C	L
Z700-8302-1/16R-1/8-1/2-1/8	1/16"	1/8"	1/2"	1/8"	2"
Z700-8302-1/16R-1/8-1/2-1/4	1/16"	1/8"	1/2"	1/4"	2"
Z700-8302-3/32R-3/16-3/4-1/4	3/32"	3/16"	3/4"	1/4"	2"
Z700-8302-1/8R-1/4-7/8-1/4	1/8"	1/4"	7/8"	1/4"	2-1/2"
Z700-8302-3/16R-3/8-1-1/8-3/8	3/16"	3/8"	1-1/8"	3/8"	3"
Z700-8302-1/4R-1/2-1-1/8-1/2	1/4"	1/2"	1-1/8"	1/2"	3"
Z700-8302-5/16R-5/8-2-1/4-5/8	5/16"	5/8"	2-1/4"	5/8"	4"
Z700-8302-3/8R-3/4-2-1/2-3/4	3/8"	3/4"	2-1/2"	3/4"	5"

螺旋角 Helix Angle : 30°



▶ ZTA200-8302 二刃-全鎢鋼斜度刀（雕刻刀系列）

- 說明：標準球形斜頸刀適用於不同斜頸角度，加工於不同材質，精修效果佳。
- 用途：雲石、塑膠、鋁。

Double Flute-Solid Carbide Engraving Taper Tools

The taper tool is available with a variety of taper angles and come standard with a ball nose point. The tools are designed to produce a good edge finish in a wide variety of materials.

Usage: Solid Surface, plastic, Aluminum.



ZTA200-8302

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長 / S: 單邊角度 / F: 刃數

Material **PA** **SS** **AC**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter
L: Overall Length / S: Angle per side / F: Flutes

單位:mm

型號 Item No.	R徑 (Radius)	A	B	C	L	S	F
ZTA200-8302-0.8-1.6-24-6	0.8	1.6	24	6	60	5.5°	2
ZTA200-8302-0.8-1.6-24-6.35	0.8	1.6	24	6.35	60	5.5°	2

單位:inch

型號 Item No.	R徑 (Radius)	A	B	C	L	S	F
ZTA200-8302-1/8-1/4-1-3/8-1/2	1/8"	1/4"	1-3/8"	1/2"	4"	5°	2
ZTA200-8302-1/8-1/4-1-1/2	1/8"	1/4"	1"	1/2"	4"	7°	2

螺旋角 Helix Angle : 30°



▶ ZPO50-1001

單刃-全鎢鋼直刀（圓弧設計）-塑膠用

- 說明：此系列由全鎢鋼材質一體成型製造而成，加上圓弧的設計，配合高速的切削，有不易損斷，刀口鋒利，切削阻力小的特色。
- 用途：塑膠、泡棉。

Single Flute - Solid Carbide O Flute Straight For Plastic

Designed to combine the fast free cutting of O flute geometry with the tool life available from solid carbide particularly in small diameters.

Usage: Plastic, Foam.



ZPO50-1001

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **PA** **FM**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
ZPO50-1001-4-10-6	4	10	6	64
ZPO50-1001-5-12-6	5	12	6	64
ZPO50-1001-6-20-6	6	20	6	64
ZPO50-1001-8-20-8	8	20	8	64
ZPO50-1001-10-25-10	10	25	10	70
ZPO50-1001-12-35-12	12	35	12	80

單位:inch

型號 Item No.	A	B	C	L
ZPO50-1001-1/8-5/16-1/4	1/8"	5/16"	1/4"	2"
ZPO50-1001-1/8-1/2-1/8	1/8"	1/2"	1/8"	2"
ZPO50-1001-1/8-1/2-1/4	1/8"	1/2"	1/4"	2"
ZPO50-1001-1/8-5/8-1/8	1/8"	5/8"	1/8"	3"
ZPO50-1001-1/8-5/8-1/4	1/8"	5/8"	1/4"	4"
ZPO50-1001-5/32-9/16-1/4	5/32"	9/16"	1/4"	2"
ZPO50-1001-3/16-3/8-1/4	3/16"	3/8"	1/4"	2"
ZPO50-1001-3/16-5/8-3/16	3/16"	5/8"	3/16"	2-1/2"
ZPO50-1001-3/16-5/8-1/4	3/16"	5/8"	1/4"	2"
ZPO50-1001-3/16-1-1/4	3/16"	1"	1/4"	4"
ZPO50-1001-7/32-5/8-1/4	7/32"	5/8"	1/4"	2-1/2"
ZPO50-1001-1/4-3/8-1/4	1/4"	3/8"	1/4"	2-1/2"
ZPO50-1001-1/4-3/4-1/4	1/4"	3/4"	1/4"	2-1/2"
ZPO50-1001-1/4-3/4-1/4	1/4"	3/4"	1/4"	3-1/4"
ZPO50-1001-1/4-1-1/4	1/4"	1"	1/4"	3-1/4"
ZPO50-1001-1/4-1-1/4-1/4	1/4"	1-1/4"	1/4"	4"
ZPO50-1001-3/8-5/8-3/8	3/8"	5/8"	3/8"	2-1/2"
ZPO50-1001-3/8-7/8-3/8	3/8"	7/8"	3/8"	2-1/2"
ZPO50-1001-3/8-1-5/8-3/8	3/8"	1-5/8"	3/8"	6"
ZPO50-1001-1/2-1-1/2	1/2"	1"	1/2"	3"
ZPO50-1001-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	4"
ZPO50-1001-1/2-2-1/8-1/2	1/2"	2-1/8"	1/2"	6"



► ZPO50-1002

二刃-全鎢鋼直刀（圓弧設計）-塑膠用

- 說明：此系列由全鎢鋼材質一體成型製造而成，加上圓弧的設計，配合高速的切削，有不易損斷，刀口鋒利，切削阻力小的特色。
- 用途：塑膠、泡棉。

Double Flute - Solid Carbide O Flute Straight For Plastic

Designed with free cutting O flute geometry along with a double flute design flute for smooth finish.

Usage: Plastic, Foam.



ZPO50-1002

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **PA** **FM**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
ZPO50-1002-4-10-6	4	10	6	64
ZPO50-1002-5-12-6	5	12	6	64
ZPO50-1002-6-20-6	6	20	6	64
ZPO50-1002-8-20-8	8	20	8	64
ZPO50-1002-10-25-10	10	25	10	70
ZPO50-1002-12-35-12	12	35	12	80

單位:inch

型號 Item No.	A	B	C	L
ZPO50-1002-1/8-5/16-1/4	1/8"	5/16"	1/4"	2"
ZPO50-1002-1/8-1/2-1/4	1/8"	1/2"	1/4"	2"
ZPO50-1002-1/8-5/8-1/4	1/8"	5/8"	1/4"	4"
ZPO50-1002-3/16-3/8-1/4	3/16"	3/8"	1/4"	2"
ZPO50-1002-3/16-5/8-1/4	3/16"	5/8"	1/4"	2"
ZPO50-1002-3/16-1-1/4	3/16"	1"	1/4"	4"
ZPO50-1002-1/4-3/8-1/4	1/4"	3/8"	1/4"	2-1/2"
ZPO50-1002-1/4-1-1/4	1/4"	1"	1/4"	2-1/2"
ZPO50-1002-1/4-1-1/4	1/4"	1"	1/4"	3-1/4"
ZPO50-1002-1/4-1-1/4-1/4	1/4"	1-1/4"	1/4"	4"
ZPO50-1002-3/8-7/8-3/8	3/8"	7/8"	3/8"	2-1/2"
ZPO50-1002-3/8-1-3/8	3/8"	1"	3/8"	4"
ZPO50-1002-1/2-1-1/2	1/2"	1"	1/2"	3"
ZPO50-1002-1/2-1-1/2	1/2"	1"	1/2"	4"
ZPO50-1002-1/2-1-3/4-1/2	1/2"	1-3/4"	1/2"	4"
ZPO50-1002-1/2-2-1/8-1/2	1/2"	2-1/8"	1/2"	6"



▶ ZP200-1301/ZP205-1301

單刃-全鎢鋼螺旋刀-上旋切割/下旋切割（塑膠用）

- 說明：獨特的單槽螺旋設計提供在加工過程中有著極佳的平坦效果。
- 用途：應用於塑膠材質之外型加工和銑槽作用時更為顯著。

Single Flute - Solid Carbide Spiral Bits For Plastic-Upcut / Downcut

For grooving and sizing with high demands on cutting quality and hogging performance.

Usage : Plastic.



ZP200-1301/ZP205-1301

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **PA**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
ZP200-1301-3-6-6	ZP205-1301-3-6-6	3	6	6	50
ZP200-1301-4-8-6	ZP205-1301-4-8-6	4	8	6	50
ZP200-1301-4-12-6	ZP205-1301-4-12-6	4	12	6	60
ZP200-1301-5-10-6	ZP205-1301-5-10-6	5	10	6	50
ZP200-1301-5-20-6	ZP205-1301-5-20-6	5	20	6	80
ZP200-1301-6-14-6	ZP205-1301-6-14-6	6	14	6	50
ZP200-1301-8-20-8	ZP205-1301-8-20-8	8	20	8	65
ZP200-1301-8-30-8	ZP205-1301-8-30-8	8	30	8	80
ZP200-1301-10-25-10	ZP205-1301-10-25-10	10	25	10	70
ZP200-1301-10-40-10	ZP205-1301-10-40-10	10	40	10	90
ZP200-1301-12-30-12	ZP205-1301-12-30-12	12	30	12	75
ZP200-1301-12-40-12	ZP205-1301-12-40-12	12	40	12	90

單位:inch

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
ZP200-1301-1/16-5/16-11/64	ZP205-1301-1/16-5/16-11/64	1/16"	5/16"	11/64"	6-1/2"
ZP200-1301-1/8-5/16-11/64	ZP205-1301-1/8-5/16-11/64	1/8"	5/16"	11/64"	6-1/2"
ZP200-1301-1/16-5/16-1/4	ZP205-1301-1/16-5/16-1/4	1/16"	5/16"	1/4"	6-1/2"
ZP200-1301-1/8-5/16-1/4	ZP205-1301-1/8-5/16-1/4	1/8"	5/16"	1/4"	6-1/2"
ZP200-1301-3/16-3/8-1/4	ZP205-1301-3/16-3/8-1/4	3/16"	3/8"	1/4"	6-1/2"
ZP200-1301-1/4-3/8-1/4	ZP205-1301-1/4-3/8-1/4	1/4"	3/8"	1/4"	6-1/2"

螺旋角 Helix Angle : 30°



▶ ZP200-1302/ZP205-1302

二刃-全鎢鋼旋螺旋刀-上旋切割/下旋切割（塑膠用）

- 說明：適用於螺旋加工，壽命比HSS高速鋼材質久，向上排削或向下排削效果佳。
- 用途：塑膠。

Double Flute-Solid Carbide Spiral Finishing Tool For Plastic-Upcut/Downcut

Designed as a general purpose spiral with several times the life of their high speed steel counterparts. They are used when upward/downward chip flow is preferred.

Usage : Plastic.



ZP200-1302/ZP205-1302

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **PA**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
ZP200-1302-6-20-6	ZP205-1302-6-20-6	6	20	6	55
ZP200-1302-8-25-8	ZP205-1302-8-25-8	8	25	8	70
ZP200-1302-10-25-10	ZP205-1302-10-25-10	10	25	10	70
ZP200-1302-12-32-12	ZP205-1302-12-32-12	12	32	12	80
ZP200-1302-12-42-12	ZP205-1302-12-42-12	12	42	12	90
ZP200-1302-12-50-12	ZP205-1302-12-50-12	12	50	12	100
ZP200-1302-16-32-16	ZP205-1302-16-32-16	16	32	16	80
ZP200-1302-16-42-16	ZP205-1302-16-42-16	16	42	16	90
ZP200-1302-16-50-16	ZP205-1302-16-50-16	16	50	16	100

單位:inch

上旋切割 Upcut	下旋切割 Downcut	A	B	C	L
ZP200-1302-1/8-1/2-1/4	ZP205-1302-1/8-1/2-1/4	1/8"	1/2"	1/4"	2"
ZP200-1302-5/32-9/16-1/4	ZP205-1302-5/32-9/16-1/4	5/32"	9/16"	1/4"	2"
ZP200-1302-3/16-5/8-1/4	ZP205-1302-3/16-5/8-1/4	3/16"	5/8"	1/4"	2"
ZP200-1302-1/4-3/4-1/4	ZP205-1302-1/4-3/4-1/4	1/4"	3/4"	1/4"	2-1/2"
ZP200-1302-9/32-3/4-3/8	ZP205-1302-9/32-3/4-3/8	9/32"	3/4"	3/8"	2-1/2"
ZP200-1302-5/16-1-3/16-3/8	ZP205-1302-5/16-1-3/16-3/8	5/16"	1-3/16"	3/8"	2-1/2"
ZP200-1302-3/8-7/8-3/8	ZP205-1302-3/8-7/8-3/8	3/8"	7/8"	3/8"	2-1/2"
ZP200-1302-1/2-1-1/2	ZP205-1302-1/2-1-1/2	1/2"	1"	1/2"	3"

螺旋角 Helix Angle : 30°



▶ ZP200-2302

二刃-全鎢鋼圓鼻刀-上旋切割-(塑膠用)

- 說明：專提供表面積凹槽及加工壓克力邊緣或零件。
- 用途：塑膠。

Double Flute-Solid Carbide Bottom Surfacing For Plastic-Upcut

Designed for pocketing applications where the bottom of the pocket must be smooth.

Usage: Plastic.



ZP200-2302

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **PA**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	R角(R Angle)	A	B	C	L
ZP200-2302-0.5-6-10-6	0.5	6	10	6	55
ZP200-2302-1-6-10-6	1	6	10	6	55
ZP200-2302-0.5-8-25-8	0.5	8	25	8	70
ZP200-2302-1-8-25-8	1	8	25	8	70
ZP200-2302-0.5-10-25-10	0.5	10	25	10	70
ZP200-2302-1-10-25-10	1	10	25	10	70
ZP200-2302-1.5-10-25-10	1.5	10	25	10	70
ZP200-2302-2-10-25-10	2	10	25	10	70
ZP200-2302-1-12-30-12	1	12	30	12	75
ZP200-2302-1.5-12-30-12	1.5	12	30	12	75
ZP200-2302-2-12-30-12	2	12	30	12	75
ZP200-2302-1-16-30-16	1	16	30	16	75
ZP200-2302-1.5-16-30-16	1.5	16	30	16	75
ZP200-2302-2-16-30-16	2	16	30	16	75

單位:inch

型號 Item No.	R角(R Angle)	A	B	C	L
ZP200-2302-0.02-1/8-1/4-1/4	0.02"	1/8"	1/4"	1/4"	2"
ZP200-2302-0.02-1/4-3/8-1/4	0.02"	1/4"	3/8"	1/4"	2"
ZP200-2302-0.04-1/4-3/8-1/4	0.04"	1/4"	3/8"	1/4"	2"
ZP200-2302-0.02-3/8-5/8-3/8	0.02"	3/8"	5/8"	3/8"	2-1/2"
ZP200-2302-0.04-3/8-5/8-3/8	0.04"	3/8"	5/8"	3/8"	2-1/2"
ZP200-2302-0.02-1/2-7/8-1/2	0.02"	1/2"	7/8"	1/2"	3"
ZP200-2302-0.04-1/2-7/8-1/2	0.04"	1/2"	7/8"	1/2"	3"
ZP200-2302-0.04-3/4-1-1/8-3/4	0.04"	3/4"	1-1/8"	3/4"	4"

螺旋角 Helix Angle : 30°



▶ Z53SP-1003

三刃-全鎢鋼粗細銑直刀

- 說明：此系列獨特三刃的設計，加工過程中可產生平坦的效果，並有著極佳的斷屑功用。除加工效果會比一般傳統焊接刀式刀子更佳，且使用壽命亦持久，並且不易損斷！
- 用途：塑膠、泡棉。

Three Flute-Solid Carbide Straight Bits For Chipbreaker

The tool has superior finish with excellent chip removal function. Also, it provides longer useful life and durability.

Usage: Plastic, Foam.



Z53SP-1003

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **PA** **FM**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
Z53SP-1003-12-32-12	12	32	12	80
Z53SP-1003-12-42-12	12	42	12	90
Z53SP-1003-12-50-12	12	50	12	100
Z53SP-1003-16-32-16	16	32	16	80
Z53SP-1003-16-42-16	16	42	16	90
Z53SP-1003-16-50-16	16	50	16	100

單位:inch

型號 Item No.	A	B	C	L
Z53SP-1003-1/2-1-1/4-1/2	1/2"	1-1/4"	1/2"	3"
Z53SP-1003-1/2-1-5/8-1/2	1/2"	1-5/8"	1/2"	3-1/2"
Z53SP-1003-1/2-2-1/2	1/2"	2"	1/2"	4"
Z53SP-1003-5/8-1-5/8-5/8	5/8"	1-5/8"	5/8"	3-1/2"
Z53SP-1003-5/8-2-5/8	5/8"	2"	5/8"	4"
Z53SP-1003-3/4-1-5/8-3/4	3/4"	1-5/8"	3/4"	3-1/2"
Z53SP-1003-3/4-2-3/4	3/4"	2"	3/4"	4"



▶ Z50A-1002

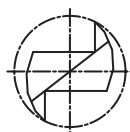
TCT 二刃直刀

- 說明：此系列刀具前端是全鎢鋼材質；柄部用高速鋼材質，採傳統焊接式所製成之直刀。特殊的設計，使得刀子耐用性佳且使用壽命長。
- 用途：塑膠、泡棉。

Two Flute-Steel Body With Solid Carbide Stick Mounted (TCT Straight Bits)

Designed with superior cutting and dust collection comparing with general type. Also, it provides longer life and durability.

Usage: Plastic, Foam.



Z50A-1002

規格表 A: 刃徑 / B: 刃長 / C: 柄徑

Material **PA** **FM**

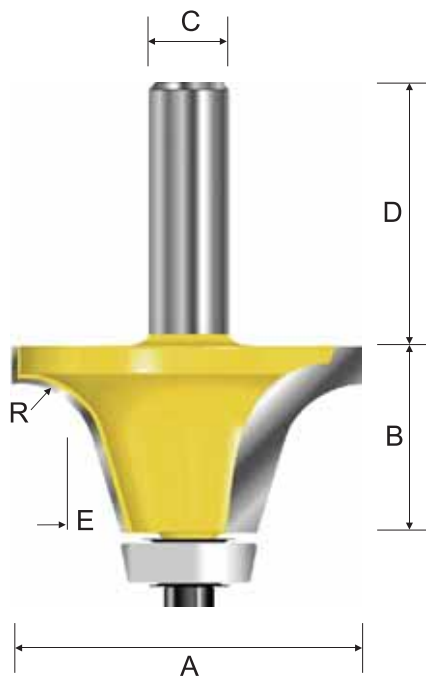
Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter

單位:mm

型號 Item No.	A	B	C
Z50A-1002-1-5-12	1	5	12
Z50A-1002-2-8-12	2	8	12
Z50A-1002-3-12-12	3	12	12
Z50A-1002-3-15-12	3	15	12
Z50A-1002-3-20-12	3	20	12
Z50A-1002-4-12-12	4	12	12
Z50A-1002-4-15-12	4	15	12
Z50A-1002-4-20-12	4	20	12
Z50A-1002-4-25-12	4	25	12
Z50A-1002-5-12-12	5	12	12
Z50A-1002-5-15-12	5	15	12
Z50A-1002-5-20-12	5	20	12
Z50A-1002-5-25-12	5	25	12
Z50A-1002-6-15-12	6	15	12
Z50A-1002-6-20-12	6	20	12
Z50A-1002-6-25-12	6	25	12
Z50A-1002-6-30-12	6	30	12
Z50A-1002-7-20-12	7	20	12
Z50A-1002-7-25-12	7	25	12
Z50A-1002-7-30-12	7	30	12
Z50A-1002-8-20-12	8	20	12
Z50A-1002-8-25-12	8	25	12

單位:mm

型號 Item No.	A	B	C
Z50A-1002-8-30-12	8	30	12
Z50A-1002-9-20-12	9	20	12
Z50A-1002-9-25-12	9	25	12
Z50A-1002-9-30-12	9	30	12
Z50A-1002-9-35-12	9	35	12
Z50A-1002-9-40-12	9	40	12
Z50A-1002-10-30-12	10	30	12
Z50A-1002-10-35-12	10	35	12
Z50A-1002-10-40-12	10	40	12
Z50A-1002-11-30-12	11	30	12
Z50A-1002-11-35-12	11	35	12
Z50A-1002-11-40-12	11	40	12
Z50A-1002-12-30-12	12	30	12
Z50A-1002-12-35-12	12	35	12
Z50A-1002-12-40-12	12	40	12



▶ Z504 ROUND OVER BOWL BITS

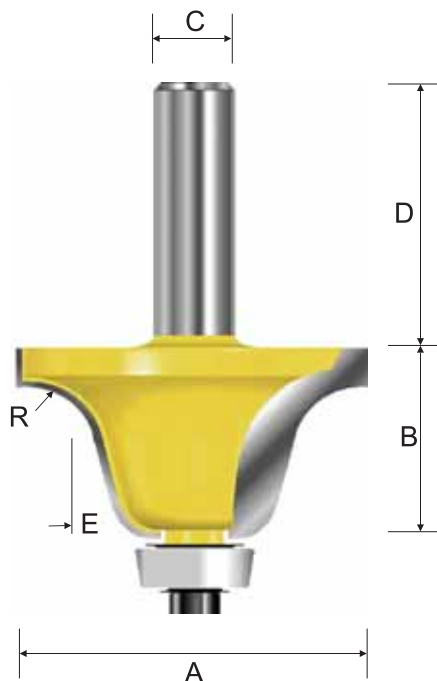


規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / D: 柄長

Specification A: Cutting Diameter / B: Cutting Length /
C: Shank Diameter / D: Shank Length /
E: Angle / R: Radius

Material **SS** 單位:mm

型號 Item No.	A	B	C	D	E	R
504211	53.98	25.4	12	42	15°	12.7
504221	56.75	31.75	12	42	15°	12.7



▶ Z505 OGEE BOWL BITS

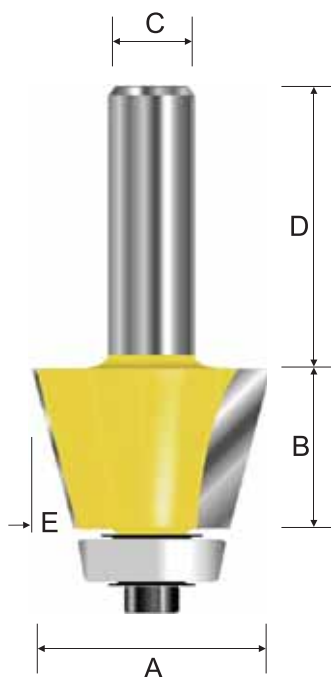


規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / D: 柄長

Specification A: Cutting Diameter / B: Cutting Length /
C: Shank Diameter / D: Shank Length /
E: Angle / R: Radius

Material **SS** 單位:mm

型號 Item No.	A	B	C	D	E	R
505211	53.98	25.4	12	42	15°	12.7
505221	56.75	31.75	12	42	15°	12.7



▶ Z506 BEVEL BOWL BITS

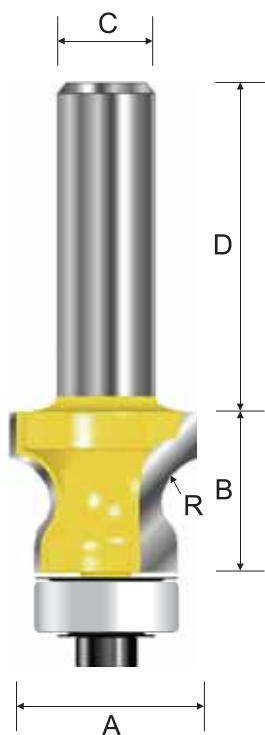


規格表 A:刃徑 / B:刃長 / C:柄徑 / D:柄長

Specification A:Cutting Diameter / B:Cutting Length /
C:Shank Diameter / D:Shank Length /
E:Angle

Material **SS** 單位:mm

型號 Item No.	A	B	C	D	E
506211	35.72	25.4	12	42	15°



▶ Z507 NO DRIP EDGE BITS

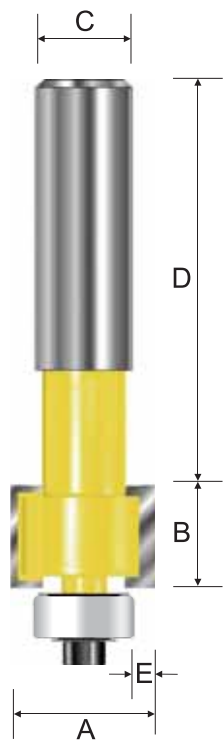


規格表 A:刃徑 / B:刃長 / C:柄徑 / D:柄長

Specification A:Cutting Diameter / B:Cutting Length /
C:Shank Diameter / D:Shank Length /
R:Radius

Material **SS** 單位:mm

型號 Item No.	A	B	C	D	R
507211	25.4	22.35	12	42	6.35
507211	25.4	28.58	12	42	6.35



▶ Z508 INLAY BITS



規格表 A:刃徑 / B:刃長 / C:柄徑 / D:柄長

Specification A:Cutting Diameter / B:Cutting Length /
C:Shank Diameter / D:Shank Length /
E:Depth

Material **SS** 單位:mm

型號 Item No.	A	B	C	D	E
508231	19.76	6.35	12	54	4.76
508261	19.76	12.7	12	54	4.76
508291	19.76	19.05	12	54	4.76



▶ ACO100-11221

單刃-全鋁鋼鋁用刀-上旋切割（圓弧設計）

- 說明：應用於高速切削鋁片及木塊，適合高速下的CNC，高速中心機作業及CNC切削處理。
- 用途：鋁。

Single Flute-Solid carbide Spiral O Flute-Upcut

High speed cutters for machining aluminum sheet and block material. These tools are optimized for use on high-speed CNC mills, high speed machining centers and CNC routers.

Usage: Aluminum.



ACO100-11221

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **AC**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
ACO100-11221-6-8-6	6	8	6	64
ACO100-11221-6-20-6	6	20	6	64
ACO100-11221-8-25-8	8	25	8	64
ACO100-11221-10-30-10	10	30	10	75
ACO100-11221-12-30-12	12	30	12	75

單位:inch

型號 Item No.	A	B	C	L
ACO100-11221-1/8-1/4-1/8	1/8"	1/4"	1/8"	1-1/2"
ACO100-11221-1/8-1/4-1/4	1/8"	1/4"	1/4"	2"
ACO100-11221-1/8-1/2-1/4	1/8"	1/2"	1/4"	2"
ACO100-11221-5/32-5/16-3/16	5/32"	5/16"	3/16"	2"
ACO100-11221-3/16-3/8-3/16	3/16"	3/8"	3/16"	1-1/2"
ACO100-11221-3/16-3/8-1/4	3/16"	3/8"	1/4"	2"
ACO100-11221-3/16-5/8-1/4	3/16"	5/8"	1/4"	2"
ACO100-11221-7/32-7/16-1/4	7/32"	7/16"	1/4"	2-1/2"
ACO100-11221-1/4-3/8-1/4	1/4"	3/8"	1/4"	2"
ACO100-11221-1/4-3/4-1/4	1/4"	3/4"	1/4"	2-1/2"
ACO100-11221-1/4-1-1/4-1/4	1/4"	1-1/4"	1/4"	3"
ACO100-11221-9/32-7/16-5/16	9/32"	7/16"	5/16"	2-1/2"
ACO100-11221-5/16-9/16-5/16	5/16"	9/16"	5/16"	2-1/2"
ACO100-11221-5/16-3/4-1/2	5/16"	3/4"	1/2"	3"
ACO100-11221-21/64-3/4-1/2	21/64"	3/4"	1/2"	3"
ACO100-11221-11/32-9/16-3/8	11/32"	9/16"	3/8"	2-1/2"
ACO100-11221-3/8-3/4-3/8	3/8"	3/4"	3/8"	3"
ACO100-11221-3/8-1-1/8-3/8	3/8"	1-1/8"	3/8"	3"
ACO100-11221-3/8-1-3/8-3/8	3/8"	1-3/8"	3/8"	3-1/2"
ACO100-11221-1/2-1-1/8-1/2	1/2"	1-1/8"	1/2"	3-1/2"
ACO100-11221-1/2-1-3/8-1/2	1/2"	1-3/8"	1/2"	3-1/2"

螺旋角 Helix Angle : 22°



▶ AC100-11452

雙刃-全鎢鋼鋁用刀-45度

- 說明：針對鋁銅合金切削設計並有良好加工品質及刀具壽命。
- 用途：鋁、銅。

Two Flute-Solid Carbide Aluminum-45°

Designed for aluminum & copper alloys and with good cutting performance and tool life.

Usage: Aluminum, Copper.



AC100-11452

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **AC**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
AC100-11452-1-3-4	1	3	4	50
AC100-11452-2-5-4	2	5	4	50
AC100-11452-3-8-4	3	8	4	50
AC100-11452-4-12-4	4	12	4	50
AC100-11452-1-3-6	1	3	6	50
AC100-11452-2-5-6	2	5	6	50
AC100-11452-3-8-6	3	8	6	50
AC100-11452-4-12-6	4	12	6	50
AC100-11452-5-13-6	5	13	6	50
AC100-11452-6-16-6	6	16	6	50
AC100-11452-8-20-8	8	20	8	60

螺旋角 Helix Angle : 45°



▶ AC100-11453 三刃-全鎢鋼鋁用刀-45度

- 說明：針對鋁銅合金切削設計並有良好加工品質及刀具壽命。
- 用途：鋁、銅。

Three Flute-Solid Carbide Aluminum-45°

Designed for aluminum & copper alloys and with good cutting performance and tool life.

Usage: Aluminum, Copper.



AC100-11453

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material **AC**

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	B	C	L
AC100-11453-1-3-4	1	3	4	50
AC100-11453-2-5-4	2	5	4	50
AC100-11453-3-8-4	3	8	4	50
AC100-11453-4-12-4	4	12	4	50
AC100-11453-1-3-6	1	3	6	50
AC100-11453-2-5-6	2	5	6	50
AC100-11453-3-8-6	3	8	6	50
AC100-11453-4-12-6	4	12	6	50
AC100-11453-5-13-6	5	13	6	50
AC100-11453-6-16-6	6	16	6	50
AC100-11453-8-20-8	8	20	8	60

螺旋角 Helix Angle : 45°



▶ **AC200-81302**
雙刃-全鎢鋼鋁用球刀-30度

- 說明：針對鋁銅合金切削設計並有良好加工品質及刀具壽命。
- 用途：鋁、銅。

Two Flute-Solid Carbide Ball Nose For Aluminum-30°

Designed for aluminum & copper alloys and with good cutting performance and tool life.
 Usage: Aluminum, Copper.



AC200-81302

規格表 A: 刃徑 / B: 刃長 / C: 柄徑 / L: 總長

Material AC

Specification A: Cutting Diameter / B: Cutting Length / C: Shank Diameter / L: Overall Length

單位:mm

型號 Item No.	A	R徑(Radius)	B	C	L
AC200-81302-0.5R-2-4	1	0.5	2	4	50
AC200-81302-0.75R-3-4	1.5	0.75	3	4	50
AC200-81302-1R-4-4	2	1	4	4	50
AC200-81302-1.25R-5-4	2.5	1.25	5	4	50
AC200-81302-1.5R-6-4	3	1.5	6	4	50
AC200-81302-1.75R-7-4	3.5	1.75	7	4	50
AC200-81302-2R-8-4	4	2	8	4	50
AC200-81302-2.25R-9-6	4.5	2.25	9	6	50
AC200-81302-2.5R-10-6	5	2.5	10	6	50
AC200-81302-2.75R-11-6	5.5	2.75	11	6	50
AC200-81302-3R-12-6	6	3	12	6	50
AC200-81302-4R-16-8	8	4	16	8	60

螺旋角 Helix Angle : 30°

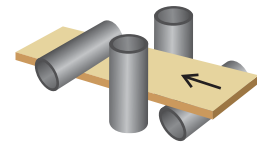
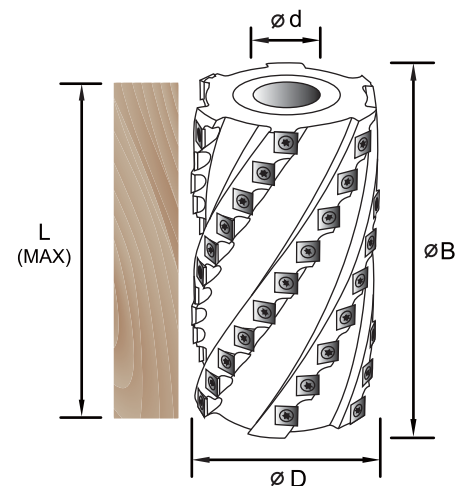
AM 615

Helical Planing Cutter Head

(with throw-away T.C.T tips)

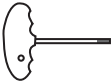

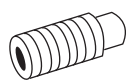
© Aluminium body

Item No.	ØD(mm)	ØB(mm)	Ød(mm)	L	Z	Knives	Weight
AM 615 100060	100	60	30/31.75/35/40	56	6	15	1.2
AM 615 100080	100	80	30/31.75/35/40	76	6	18	1.5
AM 615 100100	100	100	30/31.75/35/40	96	6	24	2.2
AM 615 100130	100	130	30/31.75/35/40	126	6	30	2.6
AM 615 100153	100	153	30/31.75/35/40	149	6	36	2.8
AM 615 100180	100	180	30/31.75/35/40	176	6	48	3.2
AM 615 125060	125	60	40/50	56	6	15	1.9
AM 615 125080	125	80	40/50	76	6	18	2.5
AM 615 125100	125	100	40/50	96	6	24	3.2
AM 615 125130	125	130	40/50	126	6	30	4.1
AM 615 125153	125	153	40/50	149	6	36	4.3
AM 615 125180	125	180	40/50	176	6	48	5.6
AM 615 125203	125	203	40/50	199	6	48	6
AM 615 125230	125	230	40/50	226	6	60	7



- ▶ Material: Light alloy body (Aluminium).
- ▶ Suitable for Four sides moulder, copy shapers, spindle shapers.
- ▶ Suitable materials: solid wood, plywood, acryl, MDF.
- ▶ Special specifications is available as per custom's order.

© Accessory

1.	2.	3.
		
screwdriver 5x100	knife 15x15x2.5	screw M6x15

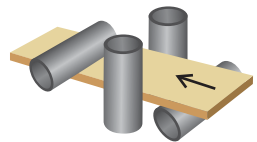
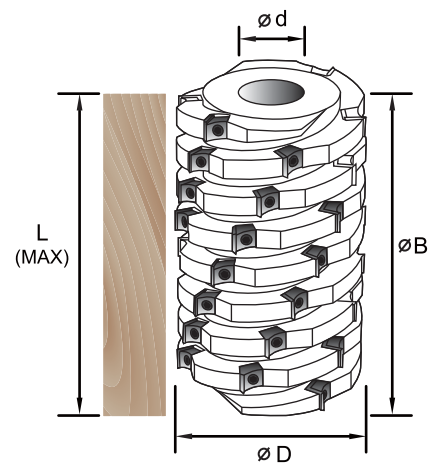
AM 814

Helical Planing Cutter Head

(with throw-away T.C.T tips)

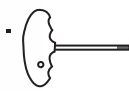


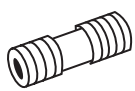
© Aluminium body

Item No.	ØD(mm)	ØB(mm)	Ød(mm)	L	Z	Knives	Weight
AM 814 100060	100	60	30/31.75/35/40	56	6	12	1.1
AM 814 100080	100	80	30/31.75/35/40	76	6	16	1.5
AM 814 100100	100	100	30/31.75/35/40	96	6	22	1.7
AM 814 100130	100	130	30/31.75/35/40	126	6	28	2.1
AM 814 100160	100	160	30/31.75/35/40	156	6	32	2.4
AM 814 100180	100	180	30/31.75/35/40	176	6	38	2.7
AM 814 125060	125	60	40/50	56	6	12	1.8
AM 814 125080	125	80	40/50	76	6	16	2.3
AM 814 125100	125	100	40/50	96	6	22	2.8
AM 814 125130	125	130	40/50	126	6	28	3.4
AM 814 125160	125	160	40/50	156	6	34	4
AM 814 125180	125	180	40/50	176	6	38	4.3
AM 814 125203	125	203	40/50	199	6	44	5
AM 814 125230	125	230	40/50	226	6	50	5.5



- ▶ Material: Light alloy body (Aluminium).
- ▶ Suitable for Four sides moulder, copy shapers, spindle shapers.
- ▶ Suitable materials: solid wood, plywood, acryl, MDF.
- ▶ Special specifications is available as per custom's order.
- ▶ For soft wood use L14*14*2*30 degrees.
- ▶ For hard wood use L14*14*2*37 degrees.

© Accessory

1. 	2. 	3. 	4. 
screwdriver 4x100	wedge 13x12x11	knife 14x14x2	screw M8x18

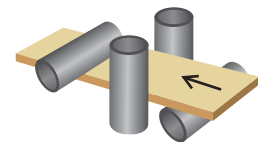
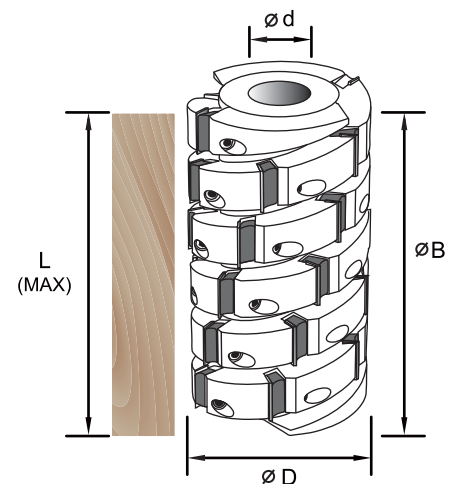
AM 1030

Helical Planing Cutter Head

(with throw-away T.C.T tips)


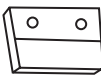

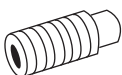
◎ Aluminium body

Item No.	ØD(mm)	ØB(mm)	Ød(mm)	L	Z	Knives	Weight
AM 1030 125060	125	60	40/50	56	6	6	1.8
AM 1030 125080	125	80	40/50	76	6	8	2.4
AM 1030 125100	125	100	40/50	96	6	12	3.1
AM 1030 125130	125	130	40/50	126	6	16	3.8
AM 1030 125160	125	160	40/50	156	6	20	4.4
AM 1030 125180	125	180	40/50	176	6	22	5
AM 1030 125203	125	203	40/50	199	6	26	5.6
AM 1030 125230	125	230	40/50	226	6	30	6.3

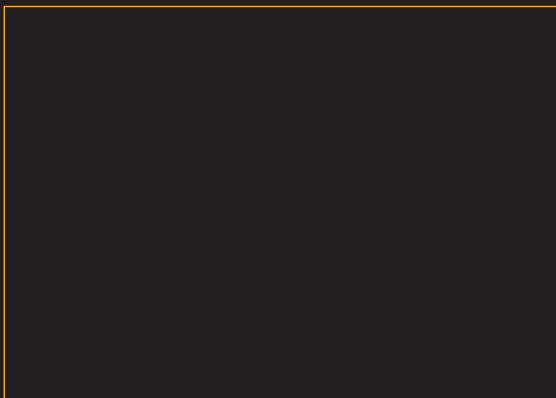


- ▶ Material: Light alloy body (Aluminium).
- ▶ Suitable for Four sides moulder.
- ▶ Suitable materials: solid wood, plywood, acryl, MDF.
- ▶ Special specifications is available as per custom's order.

◎ Accessory

1. 	2. 	3. 	4. 
screwdriver 5x100	wedge 28x18x10	knife 30x12x1.5	screw M10x20

特約經銷商



S1701

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