



ZHAN YANG PRECISION

展陽精密工具



Professional Cutting Tools. Solide Carbide Cutting Tools

<http://hongyihe.com/>



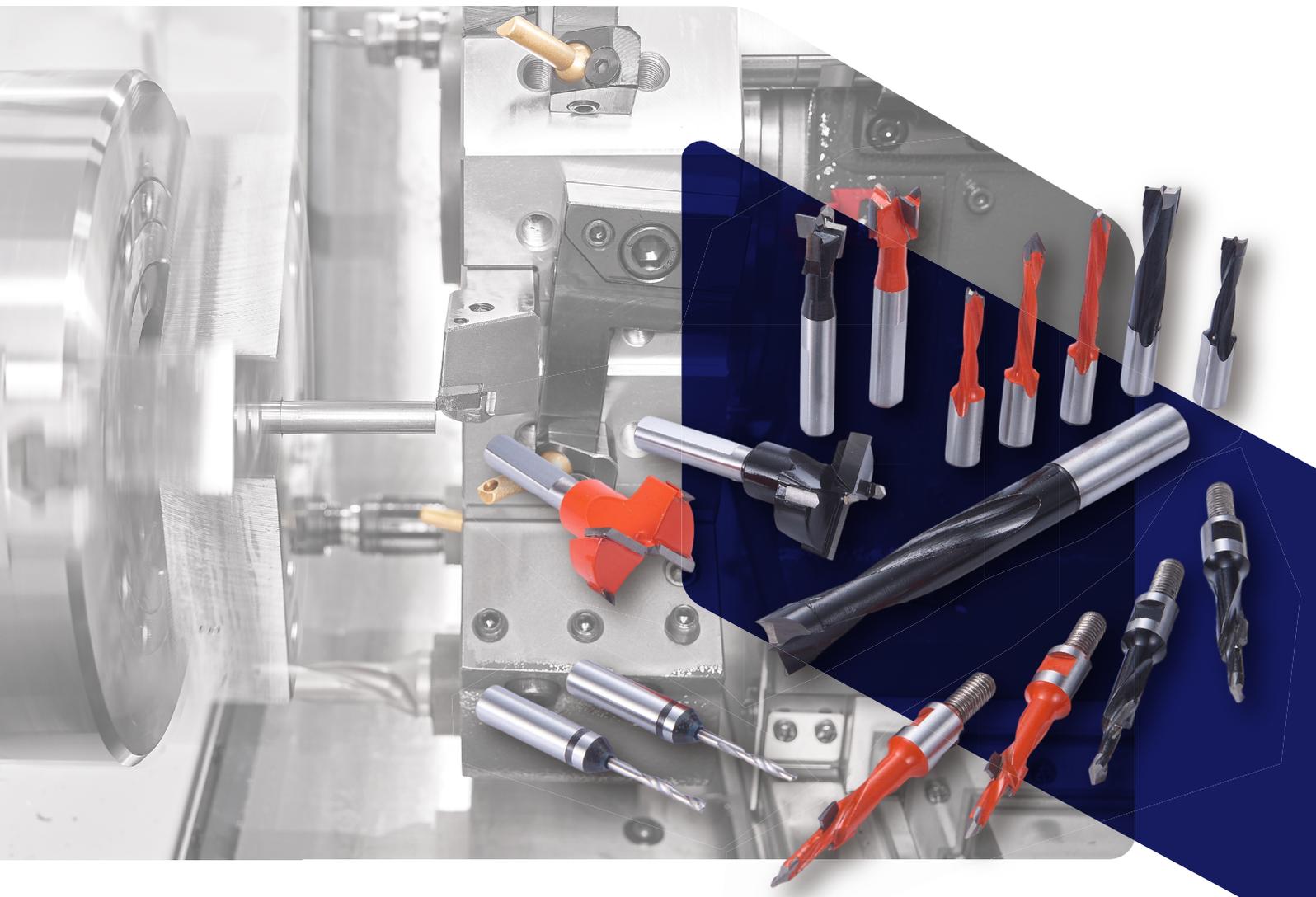
ZHANG YANG Precision Tools Co., Ltd.

specializes in manufacturing woodworking drills and CNC cutting tools since 1985. We always adhere to the company policy of "excellent customer service and strict quality control".

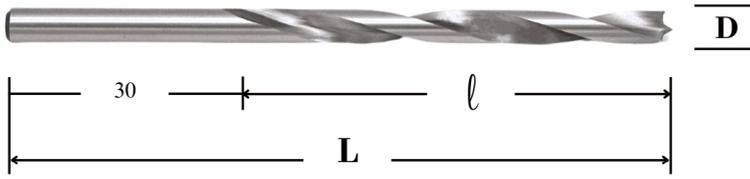
We have a wide range of computerized precision manufacturing equipment, as well as highly skilled employees trained in quality control. Additionally, we continuously engage in research and development to ensure that our products fully meet the quality expectations and needs of our customers.

峰益工具製刀，現展賜精密工具有限公司

創立於西元1985年，
專業生產木工切削刀具，
在木工刀具製造業始終秉持以服務客戶為最大宗旨，
嚴格的品質控管及不斷的研發與精進，
是本公司的經營理念，
以求能提供最好的產品予客戶，
創造雙贏的局面。
為了更加精進產品的品質，
本公司司採用各式電腦化的精密製造設備，
以及專業的製刀技術，提供客戶良好的客製化服務，
不斷的研發與開發新的產品，提升產品對外的競爭力。







直柄鑽頭 HSS Straight Shank Drill



產品編號 Item. No OAL = 90	產品編號 Item. No OAL = 100	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
D30300702		3	3	40	70
D3.50350752		3.5	3.5	45	75
D40400802		4	4	50	80
D4.50450902	D4.50451002	4.5	4.5	60 / 70	90 / 100
D50500902	D50501002	5	5	60 / 70	90 / 100
D5.50550902	D5.50551002	5.5	5.5	60 / 70	90 / 100
D60600904	D60601004	6	6	60 / 70	90 / 100
D6.50650904	D6.50651004	6.5	6.5	60 / 70	90 / 100
D700700904	D700701004	7	7	60 / 70	90 / 100
D7.50750904	D7.50751004	7.5	7.5	60 / 70	90 / 100
D800800904	D800801004	8	8	60 / 70	90 / 100
D8.50850904	D800801004	8.5	8.5	60 / 70	90 / 100
D900900904	D900901004	9	9	60 / 70	90 / 100
D9.50950904	D9.50951004	9.5	9.5	60 / 70	90 / 100
D101000904	D101001004	10	10	60 / 70	90 / 100

unit: m/m

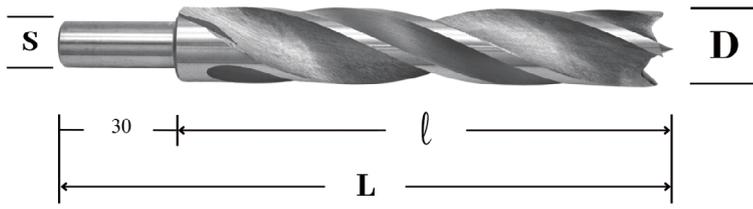


直柄鑽頭

HSS Straight Shank Drill
- 4 Flute

產品編號 Item. No OAL = 90	產品編號 Item. No OAL = 100	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>l</i>	總長 <i>L</i>
D101100904	D101101004	10	11	60 / 70	90 / 100
D101200904	D101201004	10	12	60 / 70	90 / 100
D101300904	D101301004	10	13	60 / 70	90 / 100
D101400904	D101401004	10	14	60 / 70	90 / 100
D101500904	D101501004	10	15	60 / 70	90 / 100
D101600904	D101601004	10	16	60 / 70	90 / 100
D101700904	D101701004	10	17	60 / 70	90 / 100
D101800904	D101801004	10	18	60 / 70	90 / 100
D101900904	D101901004	10	19	60 / 70	90 / 100
D102000904	D102001004	10	20	60 / 70	90 / 100

unit: m/m



直柄鑽頭
HSS Straight Shank Drill
- 4 Flute

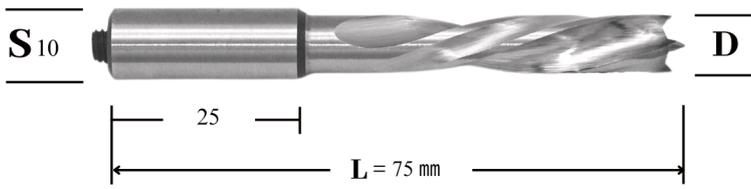


產品編號 Item. No OAL = 90	產品編號 Item. No OAL = 100	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>l</i>	總長 <i>L</i>
D121200904	D121201004	12	12	60 / 70	90 / 100
D121300904	D121301004	12	13	60 / 70	90 / 100
D121400904	D121401004	12	14	60 / 70	90 / 100
D121500904	D121501004	12	15	60 / 70	90 / 100
D121600904	D121601004	12	16	60 / 70	90 / 100
D121700904	D121701004	12	17	60 / 70	90 / 100
D121800904	D121801004	12	18	60 / 70	90 / 100
D121900904	D121901004	12	19	60 / 70	90 / 100
D122000904	D122001004	12	20	60 / 70	90 / 100

** 貫穿型可訂作 Through Hole type available

unit: m/m

** 另提供特殊規格訂作 Customized size service available



可調式直柄鑽頭 HSS Dowel Drill



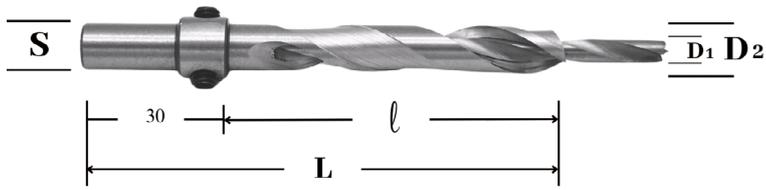
產品編號 Item. No Brad Point	產品編號 Item. No V Point	柄徑 x 柄長 Shank Dia x Length	刃徑 Cutting Dia	總長 L
T10040075-L	T10040075-V	10 x 25	4	75
T10050075-L	T10050075-V	10 x 25	5	75
T10060075-L	T10060075-V	10 x 25	6	75
T10070075-L	T10070075-V	10 x 25	7	75
T10080075-L	T10080075-V	10 x 25	8	75
T10090075-L	T10090075-V	10 x 25	9	75
T10100075-L	T10100075-V	10 x 25	10	75
T10110075-L	T10110075-V	10 x 25	11	75
T10120075-L	T10120075-V	10 x 25	12	75
T10130075-L	T10130075-V	10 x 25	13	75
T10140075-L	T10140075-V	10 x 25	14	75
T10150075-L	T10150075-V	10 x 25	15	75

** 柄部磨平面 Supplied with flat on shank.

Unit: m/m

** 另提供特殊規格訂作 Customized size service available.





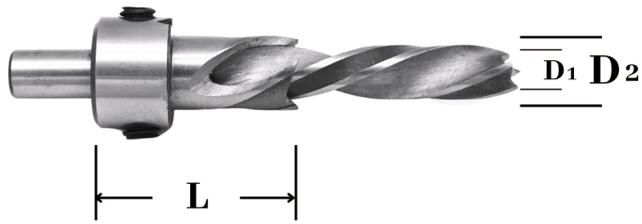
沙拉刀

HSS Salad Drill - Countersink
& Counterbore

柄徑 Shank Dia	外徑 D ₂	內徑 D ₁	刃長 l	總長 L
10	6	2~3	25 / 30 / 40 / 50	55 / 60 / 70 / 80
10	7	2~3	25 / 30 / 40 / 50	55 / 60 / 70 / 80
10	8	3~5	25 / 30 / 40 / 50	55 / 60 / 70 / 80
10	9	3~5	25 / 30 / 40 / 50	55 / 60 / 70 / 80
10	10	3~6	25 / 30 / 40 / 50	55 / 60 / 70 / 80

** 外徑及內徑及總長，提供客製化 Customized size service available.

unit: m/m



無頭沙拉刀

HSS Adjustable Counterbore & Countersink



外徑 D ₂	內徑 D ₁	總長 L
12	5 ~ 8	40
13	5 ~ 9	40
14	5 ~ 10	40
15	5 ~ 11	40
16	5 ~ 12	40
18	5 ~ 13	40

** 外徑及內徑及總長，提供客製化 Customized size service available.

unit: m/m



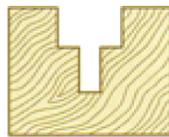
外牙沙拉刀

HSS Salad Drill With Threaded Shank
- Countersink & Counterbore

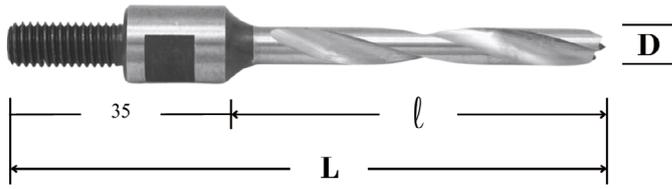
牙數 Thread Size	外徑 D ₂	內徑 D ₁	刃長 l	總長 L
M8 x 1.25 / M10 x 1.5 / 3/8 x 24	8	3 ~ 5	40 / 50 / 60 / 80	80 / 90 / 100 / 120
M8 x 1.25 / M10 x 1.5 / 3/8 x 24	10	3 ~ 5	40 / 50 / 60 / 80	80 / 90 / 100 / 120
M8 x 1.25 / M10 x 1.5 / 3/8 x 24	12	3 ~ 5	40 / 50 / 60 / 80	80 / 90 / 100 / 120
M8 x 1.25 / M10 x 1.5 / 3/8 x 24	15	5 ~ 8	40 / 50 / 60 / 80	80 / 90 / 100 / 120
M8 x 1.25 / M10 x 1.5 / 3/8 x 24	20	5 ~ 10	40 / 50 / 60 / 80	80 / 90 / 100 / 120

** 外徑及內徑及總長，提供客製化 Customized size service available.

unit: m/m

Counterbored Hole
平口 90 度Countersunk Hole
平口 45 度



M8x1.25
M10x1.5

外牙鑽頭-2T

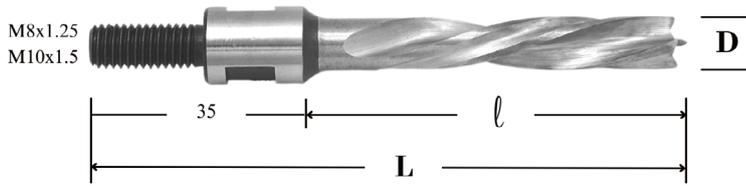
HSS Thread Drill Bit - 2 Flute



產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	刃徑 Cutting Dia	刃長 l	總長 L
M8 x 1.25	M8 x 1.25	M10 x 1.5	M10 x 1.5			
A80501002	A80501202	A100501002	A100501202	5	60 / 80	100 / 120
A80601002	A80601202	A100601002	A100601202	6	60 / 80	100 / 120
A80701002	A80701202	A100701002	A100701202	7	60 / 80	100 / 120
A80801002	A80801202	A100801002	A100801202	8	60 / 80	100 / 120
A80901002	A80901202	A100901002	A100901202	9	60 / 80	100 / 120
A81001002	A81001202	A101001002	A101001202	10	60 / 80	100 / 120
A81101002	A81101202	A101101002	A101101202	11	60 / 80	100 / 120
A81201002	A81201202	A101201002	A101201202	12	60 / 80	100 / 120
A81301002	A81301202	A101301002	A101301202	13	60 / 80	100 / 120
A81401002	A81401202	A101401002	A101401202	14	60 / 80	100 / 120
A81501002	A81501202	A101501002	A101501202	15	60 / 80	100 / 120
A81601002	A81601202	A101601002	A101601202	16	60 / 80	100 / 120
A81701002	A81701202	A101701002	A101701202	17	60 / 80	100 / 120
A81801002	A81801202	A101801002	A101801202	18	60 / 80	100 / 120
A81901002	A81901202	A101901002	A101901202	19	60 / 80	100 / 120
A82001002	A82001202	A102001002	A102001202	20	60 / 80	100 / 120
A82101002	A82101202	A102101002	A102101202	21	60 / 80	100 / 120
A82201002	A82201202	A102201002	A102201202	22	60 / 80	100 / 120
A82301002	A82301202	A102301002	A102301202	23	60 / 80	100 / 120
A82401002	A82401202	A102401002	A102401202	24	60 / 80	100 / 120
A82501002	A82501202	A102501002	A102501202	25	60 / 80	100 / 120

** 另提供特殊規格訂作 Customized size service available.

unit: m/m



外牙鑽頭-4T HSS Thread Drill Bit - 4 Flute

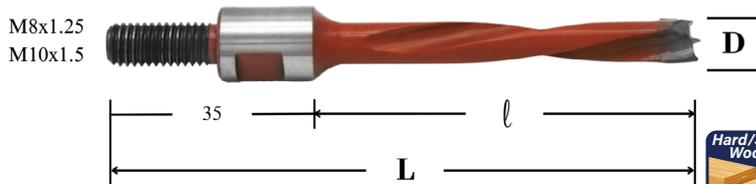


產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	刃徑 Cutting Dia	刃長 l	總長 L
M8 x 1.25	M8 x 1.25	M10 x 1.5	M10 x 1.5			
A80501004	A80501204	A100501004	A100501204	5	60 / 80	100 / 120
A80601004	A80601204	A100601004	A100601204	6	60 / 80	100 / 120
A80701004	A80701204	A100701004	A100701204	7	60 / 80	100 / 120
A80801004	A80801204	A100801004	A100801204	8	60 / 80	100 / 120
A80901004	A80901204	A100901004	A100901204	9	60 / 80	100 / 120
A81001004	A81001204	A101001004	A101001204	10	60 / 80	100 / 120
A81101004	A81101204	A101101004	A101101204	11	60 / 80	100 / 120
A81201004	A81201204	A101201004	A101201204	12	60 / 80	100 / 120
A81301004	A81301204	A101301004	A101301204	13	60 / 80	100 / 120
A81401004	A81401204	A101401004	A101401204	14	60 / 80	100 / 120
A81501004	A81501204	A101501004	A101501204	15	60 / 80	100 / 120
A81601004	A81601204	A101601004	A101601204	16	60 / 80	100 / 120
A81701004	A81701204	A101701004	A101701204	17	60 / 80	100 / 120
A81801004	A81801204	A101801004	A101801204	18	60 / 80	100 / 120
A81901004	A81901204	A101901004	A101901204	19	60 / 80	100 / 120
A82001004	A82001204	A102001004	A102001204	20	60 / 80	100 / 120
A82101004	A82101204	A102101004	A102101204	21	60 / 80	100 / 120
A82201004	A82201204	A102201004	A102201204	22	60 / 80	100 / 120
A82301004	A82301204	A102301004	A102301204	23	60 / 80	100 / 120
A82401004	A82401204	A102401004	A102401204	24	60 / 80	100 / 120
A82501004	A82501204	A102501004	A102501204	25	60 / 80	100 / 120

** 另提供特殊規格訂作 Customized size service available.

unit: m/m





外牙鑽頭-TCT

Carbide Tipped Drill Bit With Threaded Shank

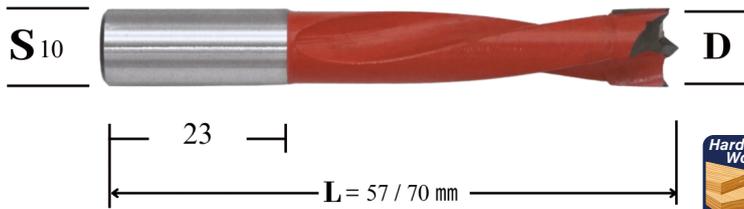


產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	刃徑 Cutting Dia	刃長 l	總長 L
M8 x 1.25	M10 x 1.5			
A8050100	A10050100	5	60	100
A8060100	A10060100	6	60	100
A8070100	A10070100	7	60	100
A8080100	A10080100	8	60	100
A8090100	A10090100	9	60	100
A8100100	A10100100	10	60	100
A8110100	A10110100	11	60	100
A8120100	A10120100	12	60	100
A8130100	A10130100	13	60	100
A8140100	A10140100	14	60	100
A8150100	A10150100	15	60	100
A8160100	A10160100	16	60	100
產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	刃徑 Cutting Dia	刃長 l	總長 L
M8 x 1.25	M10 x 1.5			
A8050120	A10050120	5	80	120
A8060120	A10060120	6	80	120
A8070120	A10070120	7	80	120
A8080120	A10080120	8	80	120
A8090120	A10090120	9	80	120
A8100120	A10100120	10	80	120
A8110120	A10110120	11	80	120
A8120120	A10120120	12	80	120
A8130120	A10130120	13	80	120
A8140120	A10140120	14	80	120
A8150120	A10150120	15	80	120
A8160120	A10160120	16	80	120

** 貫穿型可訂作 Through Hole type available

unit: m/m

** 另提供特殊規格訂作 Customized size service available.



TCT鑽頭-山型

Carbide Tipped Dowel Drill - Brad Point



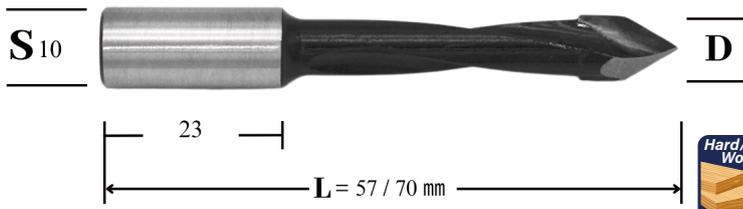
產品編號 Item. No	產品編號 Item. No	柄徑 x 柄長 Shank Dia x Length	刃徑 Cutting Dia	總長 L
TC030057-L	TC030070-L	10 x 32	3	57 / 70
TC040057-L	TC040070-L	10 x 23	4	57 / 70
TC050057-L	TC050070-L	10 x 23	5	57 / 70
TC060057-L	TC060070-L	10 x 23	6	57 / 70
TC070057-L	TC070070-L	10 x 23	7	57 / 70
TC080057-L	TC080070-L	10 x 23	8	57 / 70
TC090057-L	TC090070-L	10 x 23	9	57 / 70
TC100057-L	TC100070-L	10 x 23	10	57 / 70
TC110057-L	TC110070-L	10 x 23	11	57 / 70
TC120057-L	TC120070-L	10 x 23	12	57 / 70
TC130057-L	TC130070-L	10 x 23	13	57 / 70
TC140057-L	TC140070-L	10 x 23	14	57 / 70
TC150057-L	TC150070-L	10 x 23	15	57 / 70

** 柄部磨平面 Supplied with flat on shank.

Unit: m/m

** 3mm 為插鋼式 3 mm available in Solid Carbide only.

** 另提供特殊規格訂作 Customized size service available.



TCT鑽頭-V型
Carbide Tipped Dowel Drill
- Through Hole V Point



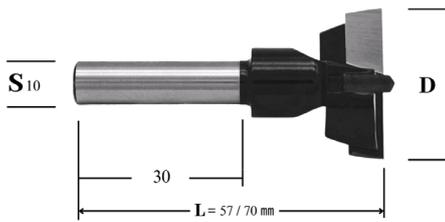
產品編號 Item. No	產品編號 Item. No	柄徑 x 柄長 Shank Dia x Length	刃徑 Cutting Dia	總長 L
TC030057-V	TC030070-V	10 x 32	3	57 / 70
TC040057-V	TC040070-V	10 x 23	4	57 / 70
TC050057-V	TC050070-V	10 x 23	5	57 / 70
TC060057-V	TC060070-V	10 x 23	6	57 / 70
TC070057-V	TC070070-V	10 x 23	7	57 / 70
TC080057-V	TC080070-V	10 x 23	8	57 / 70
TC090057-V	TC090070-V	10 x 23	9	57 / 70
TC100057-V	TC100070-V	10 x 23	10	57 / 70
TC110057-V	TC110070-V	10 x 23	11	57 / 70
TC120057-V	TC120070-V	10 x 23	12	57 / 70
TC130057-V	TC130070-V	10 x 23	13	57 / 70
TC140057-V	TC140070-V	10 x 23	14	57 / 70
TC150057-V	TC150070-V	10 x 23	15	57 / 70

** 柄部磨平面 Supplied with flat on shank.

** 3mm 為插鋼式 3 mm available in Solid Carbide only.

** 另提供特殊規格訂作 Customized size service available.

Unit: m/m



TCT取孔刀

Carbide Tipped Hinge Boring Bit



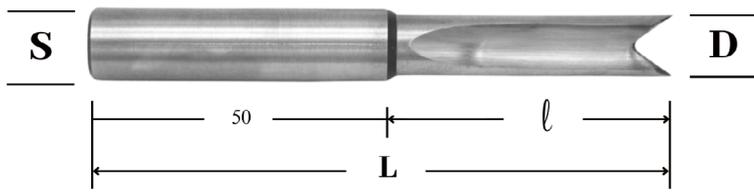
產品編號 Item. No OAL = 57	產品編號 Item. No OAL = 57	柄徑 x 柄長 Shank Dia x Length	刃徑 Cutting Dia	總長 L
G10R150057	G10R150070	10 x 30	15	57 / 70
G10R200057	G10R200070	10 x 30	20	57 / 70
G10R250057	G10R250070	10 x 30	25	57 / 70
G10R300057	G10R300070	10 x 30	30	57 / 70
G10R350057	G10R350070	10 x 30	35	57 / 70

** 柄部磨平面 Supplied with flat on shank.

unit: m/m

** 另提供特殊規格訂作 Customized size service available.





燕尾刀

HSS Slot Mortising Drill Bit
- 2 Flute

產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
K12-0501002	K12-0501202	12	5	50 / 70	100 / 120
K12-0601002	K12-0601202	12	6	50 / 70	100 / 120
K12-0701002	K12-0701202	12	7	50 / 70	100 / 120
K12-0801002	K12-0801202	12	8	50 / 70	100 / 120
K12-0901002	K12-0901202	12	9	50 / 70	100 / 120
K12-1001002	K12-1001202	12	10	50 / 70	100 / 120
K12-1101002	K12-1101202	12	11	50 / 70	100 / 120
K12-1201002	K12-1201202	12	12	50 / 70	100 / 120
K12-1301002	K12-1301202	12	13	50 / 70	100 / 120
K12-1401002	K12-1401202	12	14	50 / 70	100 / 120
K12-1501002	K12-1501202	12	15	50 / 70	100 / 120
K12-1601002	K12-1601202	12	16	50 / 70	100 / 120
K13-0501002	K13-0501202	13	5	50 / 70	100 / 120
K13-0601002	K13-0601202	13	6	50 / 70	100 / 120
K13-0701002	K13-0701202	13	7	50 / 70	100 / 120
K13-0801002	K13-0801202	13	8	50 / 70	100 / 120
K13-0901002	K13-0901202	13	9	50 / 70	100 / 120
K13-1001002	K13-1001202	13	10	50 / 70	100 / 120
K13-1101002	K13-1101202	13	11	50 / 70	100 / 120
K13-1201002	K13-1201202	13	12	50 / 70	100 / 120
K13-1301002	K13-1301202	13	13	50 / 70	100 / 120
K13-1401002	K13-1401202	13	14	50 / 70	100 / 120
K13-1501002	K13-1501202	13	15	50 / 70	100 / 120
K13-1601002	K13-1601202	13	16	50 / 70	100 / 120

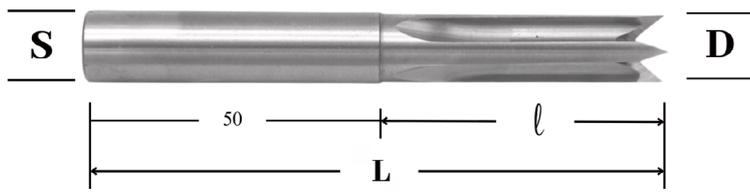
產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>ℓ</i>	總長 L
K16-0801002	K16-0801202	16	8	50 / 70	100 / 120
K16-0901002	K16-0901202	16	9	50 / 70	100 / 120
K16-1001002	K16-1001202	16	10	50 / 70	100 / 120
K16-1101002	K16-1101202	16	11	50 / 70	100 / 120
K16-1201002	K16-1201202	16	12	50 / 70	100 / 120
K16-1301002	K16-1301202	16	13	50 / 70	100 / 120
K16-1401002	K16-1401202	16	14	50 / 70	100 / 120
K16-1501002	K16-1501202	16	15	50 / 70	100 / 120
K16-1601002	K16-1601202	16	16	50 / 70	100 / 120

** 另提供特殊規格訂作 Customized size service available.

unit: m/m

產品編號 Item. No	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>ℓ</i>	總長 L
K1/2-144122W	1/2"	1/4"	50	4-1/2"
K1/2-5164122W	1/2"	5/16"	50	4-1/2"
K1/2-384122W	1/2"	3/8"	50	4-1/2"
K1/2-124122W	1/2"	1/2"	50	4-1/2"
K1/2-584122W	1/2"	5/8"	50	4-1/2"
K1/2-344122W	1/2"	3/4"	50	4-1/2"

unit: inch



燕尾刀 HSS Slot Mortising Drill Bit - 3 Flute



產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
K12-0801003	K12-0801203	12	8	50 / 70	100 / 120
K12-0901003	K12-0901203	12	9	50 / 70	100 / 120
K12-1001003	K12-1001203	12	10	50 / 70	100 / 120
K12-1101003	K12-1101203	12	11	50 / 70	100 / 120
K12-1201003	K12-1201203	12	12	50 / 70	100 / 120
K12-1301003	K12-1301203	12	13	50 / 70	100 / 120
K12-1401003	K12-1401203	12	14	50 / 70	100 / 120
K12-1501003	K12-1501203	12	15	50 / 70	100 / 120
K12-1601003	K12-1601203	12	16	50 / 70	100 / 120
K13-0801003	K13-0801203	13	8	50 / 70	100 / 120
K13-0901003	K13-0901203	13	9	50 / 70	100 / 120
K13-1001003	K13-1001203	13	10	50 / 70	100 / 120
K13-1101003	K13-1101203	13	11	50 / 70	100 / 120
K13-1201003	K13-1201203	13	12	50 / 70	100 / 120
K13-1301003	K13-1301203	13	13	50 / 70	100 / 120
K13-1401003	K13-1401203	13	14	50 / 70	100 / 120
K13-1501003	K13-1501203	13	15	50 / 70	100 / 120
K13-1601003	K13-1601203	13	16	50 / 70	100 / 120
K16-0801003	K16-0801203	16	8	50 / 70	100 / 120
K16-0901003	K16-0901203	16	9	50 / 70	100 / 120
K16-1001003	K16-1001203	16	10	50 / 70	100 / 120
K16-1101003	K16-1101203	16	11	50 / 70	100 / 120
K16-1201003	K16-1201203	16	12	50 / 70	100 / 120
K16-1301003	K16-1301203	16	13	50 / 70	100 / 120
K16-1401003	K16-1401203	16	14	50 / 70	100 / 120

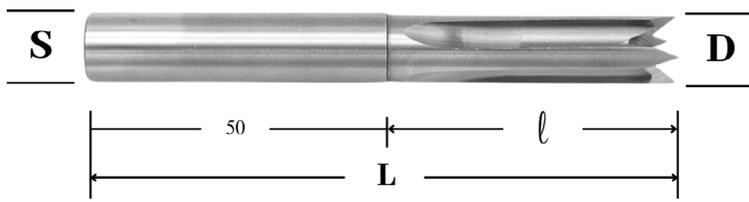
產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>ℓ</i>	總長 L
K16-1501003	K16-1501203	16	15	50 / 70	100 / 120
K16-1601003	K16-1601203	16	16	50 / 70	100 / 120

** 另提供特殊規格訂作 Customized size service available.

unit: m/m

產品編號 Item. No	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>ℓ</i>	總長 L
K1/2-144123W	1/2"	1/4"	50	4-1/2"
K1/2-5164123W	1/2"	5/16"	50	4-1/2"
K1/2-384123W	1/2"	3/8"	50	4-1/2"
K1/2-124123W	1/2"	1/2"	50	4-1/2"
K1/2-584123W	1/2"	5/8"	50	4-1/2"
K1/2-344123W	1/2"	3/4"	50	4-1/2"

unit: inch



燕尾刀

HSS Slot Mortising Drill Bit
- 4 Flute

產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
K12-0801004	K12-0801204	12	8	50 / 70	100 / 120
K12-0901004	K12-0901204	12	9	50 / 70	100 / 120
K12-1001004	K12-1001204	12	10	50 / 70	100 / 120
K12-1101004	K12-1101204	12	11	50 / 70	100 / 120
K12-1201004	K12-1201204	12	12	50 / 70	100 / 120
K12-1301004	K12-1301204	12	13	50 / 70	100 / 120
K12-1401004	K12-1401204	12	14	50 / 70	100 / 120
K12-1501004	K12-1501204	12	15	50 / 70	100 / 120
K12-1601004	K12-1601204	12	16	50 / 70	100 / 120
K13-0801004	K13-0801204	13	8	50 / 70	100 / 120
K13-0901004	K13-0901204	13	9	50 / 70	100 / 120
K13-1001004	K13-1001204	13	10	50 / 70	100 / 120
K13-1101004	K13-1101204	13	11	50 / 70	100 / 120
K13-1201004	K13-1201204	13	12	50 / 70	100 / 120
K13-1301004	K13-1301204	13	13	50 / 70	100 / 120
K13-1401004	K13-1401204	13	14	50 / 70	100 / 120
K13-1501004	K13-1501204	13	15	50 / 70	100 / 120
K13-1601004	K13-1601204	13	16	50 / 70	100 / 120
K16-0801004	K16-0801204	16	8	50 / 70	100 / 120
K16-0901004	K16-0901204	16	9	50 / 70	100 / 120
K16-1001004	K16-1001204	16	10	50 / 70	100 / 120
K16-1101004	K16-1101204	16	11	50 / 70	100 / 120
K16-1201004	K16-1201204	16	12	50 / 70	100 / 120
K16-1301004	K16-1301204	16	13	50 / 70	100 / 120
K16-1401004	K16-1401204	16	14	50 / 70	100 / 120

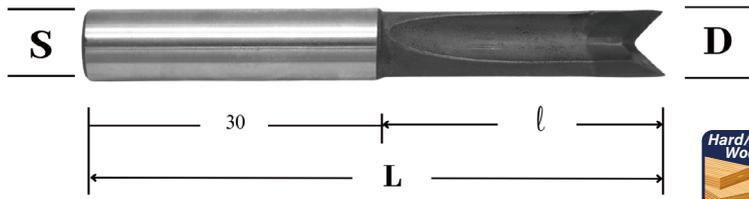
產品編號 Item. No OAL = 100	產品編號 Item. No OAL = 120	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>ℓ</i>	總長 L
K16-1501004	K16-1501204	16	15	50 / 70	100 / 120
K16-1601004	K16-1601204	16	16	50 / 70	100 / 120

** 另提供特殊規格訂作 Customized size service available.

unit: m/m

產品編號 Item. No	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>ℓ</i>	總長 L
K1/2-144124W	1/2"	1/4"	50	4-1/2"
K1/2-5164124W	1/2"	5/16"	50	4-1/2"
K1/2-384124W	1/2"	3/8"	50	4-1/2"
K1/2-124124W	1/2"	1/2"	50	4-1/2"
K1/2-584124W	1/2"	5/8"	50	4-1/2"
K1/2-344124W	1/2"	3/4"	50	4-1/2"

unit: inch



燕尾刀-TCT

Carbide Tipped Slot Mortising
Drill Bit - 2 Flute

產品編號 Item. No 2 Flute	產品編號 Item. No 2 Flute	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
TK12-0501002	TK12-0501202	12	5	50 / 70	100 / 120
TK12-0601002	TK12-0601202	12	6	50 / 70	100 / 120
TK12-0701002	TK12-0701202	12	7	50 / 70	100 / 120
TK12-0801002	TK12-0801202	12	8	50 / 70	100 / 120
TK12-0901002	TK12-0901202	12	9	50 / 70	100 / 120
TK12-1001002	TK12-1001202	12	10	50 / 70	100 / 120
TK12-1101002	TK12-1101202	12	11	50 / 70	100 / 120
TK12-1201002	TK12-1201202	12	12	50 / 70	100 / 120
TK12-1301002	TK12-1301202	12	13	50 / 70	100 / 120
TK12-1401002	TK12-1401202	12	14	50 / 70	100 / 120
TK12-1501002	TK12-1501202	12	15	50 / 70	100 / 120
TK12-1601002	TK12-1601202	12	16	50 / 70	100 / 120
TK13-0501002	TK13-0501202	13	5	50 / 70	100 / 120
TK13-0601002	TK13-0601202	13	6	50 / 70	100 / 120
TK13-0701002	TK13-0701202	13	7	50 / 70	100 / 120
TK13-0801002	TK13-0801202	13	8	50 / 70	100 / 120
TK13-0901002	TK13-0901202	13	9	50 / 70	100 / 120
TK13-1001002	TK13-1001202	13	10	50 / 70	100 / 120
TK13-1101002	TK13-1101202	13	11	50 / 70	100 / 120
TK13-1201002	TK13-1201202	13	12	50 / 70	100 / 120
TK13-1301002	TK13-1301202	13	13	50 / 70	100 / 120
TK13-1401002	TK13-1401202	13	14	50 / 70	100 / 120
TK13-1501002	TK13-1501202	13	15	50 / 70	100 / 120
TK13-1601002	TK13-1601202	13	16	50 / 70	100 / 120

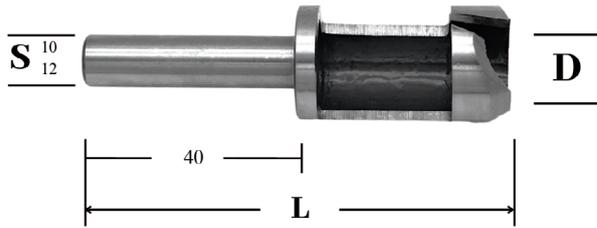
產品編號 Item. No 2 Flute	產品編號 Item. No 2 Flute	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>ℓ</i>	總長 L
TK16-0801002	TK16-0801202	16	8	50 / 70	100 / 120
TK16-0901002	TK16-0901202	16	9	50 / 70	100 / 120
TK16-1001002	TK16-1001202	16	10	50 / 70	100 / 120
TK16-1101002	TK16-1101202	16	11	50 / 70	100 / 120
TK16-1201002	TK16-1201202	16	12	50 / 70	100 / 120
TK16-1301002	TK16-1301202	16	13	50 / 70	100 / 120
TK16-1401002	TK16-1401202	16	14	50 / 70	100 / 120
TK16-1501002	TK16-1501202	16	15	50 / 70	100 / 120
TK16-1601002	TK16-1601202	16	16	50 / 70	100 / 120

**3T & 4T 可訂作 3 Flute & 4 Flute also available

** 另提供特殊規格訂作 Customized size service available.

** 鑄鋼貼片，插鋼式可訂作 Carbide Tipped type, Solide Carbide available

unit: m/m



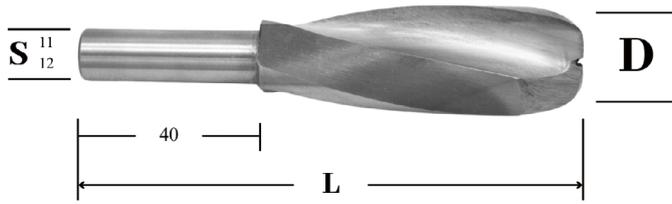
取木塞刀 HSS Plug Cutter



產品編號 Item. No	柄徑 Shank Dia	孔徑 D	總長 L
P10-05-90	10	5	90
P10-06-90	10	6	90
P10-07-90	10	7	90
P10-08-90	10	8	90
P10-09-90	10	9	90
P10-10-90	10	10	90
P10-11-90	10	11	90
P10-12-90	10	12	90
P10-13-90	10	13	90
P10-14-90	10	14	90
P10-15-90	10	15	90
P10-16-90	10	16	90
P12-06-90	12	6	90
P12-07-90	12	7	90
P12-08-90	12	8	90
P12-09-90	12	9	90
P12-10-90	12	10	90
P12-11-90	12	11	90
P12-12-90	12	12	90
P12-13-90	12	13	90
P12-14-90	12	14	90
P12-15-90	12	15	90
P12-16-90	12	16	90

** 另提供特殊規格訂作 Customized size service available.

Unit: m/m



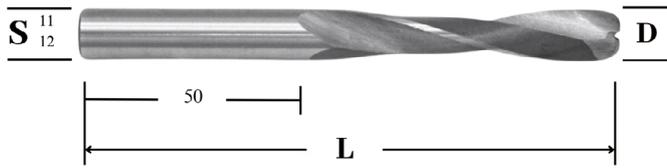
彫刻刀 HSS Carving Bit



產品編號 Item. No OAL = 110	產品編號 Item. No OAL = 120	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 <i>ℓ</i>	總長 L
U11-05-110	U11-05-120	11	5	70 / 80	110 / 120
U11-06-110	U11-06-120	11	6	70 / 80	110 / 120
U11-07-110	U11-07-120	11	7	70 / 80	110 / 120
U11-08-110	U11-08-120	11	8	70 / 80	110 / 120
U11-09-110	U11-09-120	11	9	70 / 80	110 / 120
U11-10-110	U11-10-120	11	10	70 / 80	110 / 120
U11-11-110	U11-11-120	11	11	70 / 80	110 / 120
U11-12-110	U11-12-120	11	12	70 / 80	110 / 120
U11-18-110	U11-18-120	11	18	70 / 80	110 / 120
U11-24-110	U11-24-120	11	24	70 / 80	110 / 120
U11-30-110	U11-30-120	11	30	70 / 80	110 / 120
U11-36-110	U11-36-120	11	36	70 / 80	110 / 120
U12-05-110	U12-05-120	12	5	70 / 80	110 / 120
U12-06-110	U12-06-120	12	6	70 / 80	110 / 120
U12-07-110	U12-07-120	12	7	70 / 80	110 / 120
U12-08-110	U12-08-120	12	8	70 / 80	110 / 120
U12-09-110	U12-09-120	12	9	70 / 80	110 / 120
U12-10-110	U12-10-120	12	10	70 / 80	110 / 120
U12-11-110	U12-11-120	12	11	70 / 80	110 / 120
U12-12-110	U12-12-120	12	12	70 / 80	110 / 120
U12-18-110	U12-18-120	12	18	70 / 80	110 / 120
U12-24-110	U12-24-120	12	24	70 / 80	110 / 120
U12-30-110	U12-30-120	12	30	70 / 80	110 / 120
U12-36-110	U12-36-120	12	36	70 / 80	110 / 120

** 另提供特殊規格訂作 Customized size service available.

Unit: m/m



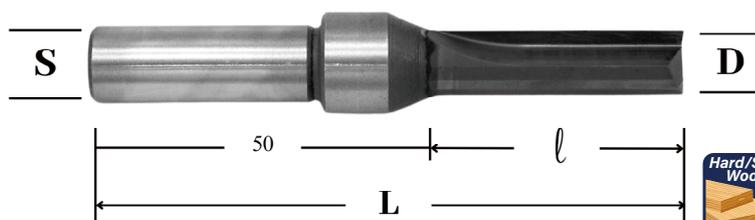
彫刻刀 HSS Carving Bit



產品編號 Item. No OAL = 110	產品編號 Item. No OAL = 120	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
U11-05-110	U11-05-120	11	5	70 / 80	110 / 120
U11-06-110	U11-06-120	11	6	70 / 80	110 / 120
U11-07-110	U11-07-120	11	7	70 / 80	110 / 120
U11-08-110	U11-08-120	11	8	70 / 80	110 / 120
U11-09-110	U11-09-120	11	9	70 / 80	110 / 120
U11-10-110	U11-10-120	11	10	70 / 80	110 / 120
U11-11-110	U11-11-120	11	11	70 / 80	110 / 120
U11-12-110	U11-12-120	11	12	70 / 80	110 / 120
U11-18-110	U11-18-120	11	18	70 / 80	110 / 120
U11-24-110	U11-24-120	11	24	70 / 80	110 / 120
U11-30-110	U11-30-120	11	30	70 / 80	110 / 120
U11-36-110	U11-36-120	11	36	70 / 80	110 / 120
U12-05-110	U12-05-120	12	5	70 / 80	110 / 120
U12-06-110	U12-06-120	12	6	70 / 80	110 / 120
U12-07-110	U12-07-120	12	7	70 / 80	110 / 120
U12-08-110	U12-08-120	12	8	70 / 80	110 / 120
U12-09-110	U12-09-120	12	9	70 / 80	110 / 120
U12-10-110	U12-10-120	12	10	70 / 80	110 / 120
U12-11-110	U12-11-120	12	11	70 / 80	110 / 120
U12-12-110	U12-12-120	12	12	70 / 80	110 / 120
U12-18-110	U12-18-120	12	18	70 / 80	110 / 120
U12-24-110	U12-24-120	12	24	70 / 80	110 / 120
U12-30-110	U12-30-120	12	30	70 / 80	110 / 120
U12-36-110	U12-36-120	12	36	70 / 80	110 / 120

** 另提供特殊規格訂作 Customized size service available.

Unit: m/m



TCT插鋼式直刀 Solid Carbide Straight Router Bit



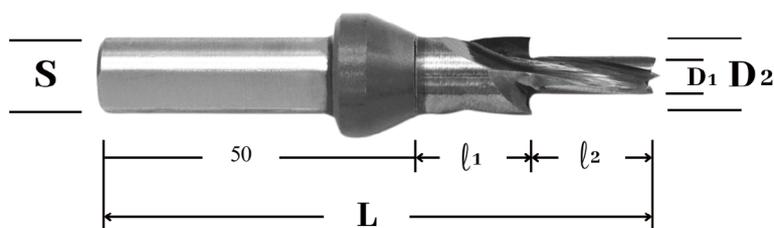
產品編號 Item. No	柄徑 x 柄長 Shank Dia x Length	刃徑 Cutting Dia
RT12-08-80	12 x 50	8
RT12-09-80	12 x 50	9
RT12-10-80	12 x 50	10
RT12-12-80	12 x 50	12

Unit: m/m

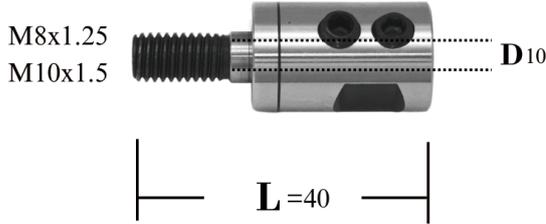
產品編號 Item. No OAL = 70	柄徑 x 柄長 Shank Dia x Length	刃徑 Cutting Dia
RT1/2-14	1/2" x 2"	1/4"
RT1/2-516	1/2" x 2"	5/16"
RT1/2-716	1/2" x 2"	7/16"
RT1/2-38	1/2" x 2"	3/8"
RT1/2-12	1/2" x 2"	1/2"

Unit: inch

** 另提供特殊規格訂作 Customized size service available.





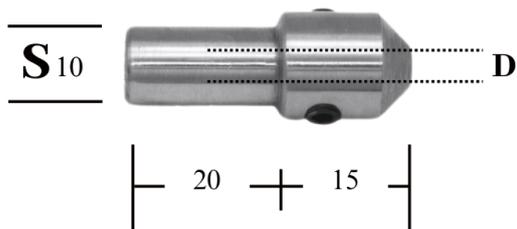


外牙套頭(雙邊板手)
HSS Thread Adapter - with
two wrench flats



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	牙數 Thread Size	孔徑 D	總長 L
A8 x 3.0-R	A8 x 3.0-L	M8 x 1.25	3	45
A8 x 4.0-R	A8 x 4.0-L	M8 x 1.25	4	45
A8 x 5.0-R	A8 x 5.0-L	M8 x 1.25	5	45
A8 x 6.0-R	A8 x 6.0-L	M8 x 1.25	6	45
A8 x 7.0-R	A8 x 7.0-L	M8 x 1.25	7	45
A8 x 8.0-R	A8 x 8.0-L	M8 x 1.25	8	45
A8 x 9.0-R	A8 x 9.0-L	M8 x 1.25	9	45
A8 x 10.0-R	A8 x 10.0-L	M8 x 1.25	10	45
A10 x 3.0-R	A10 x 3.0-L	M10 x 1.5	3	45
A10 x 4.0-R	A10 x 4.0-L	M10 x 1.5	4	45
A10 x 5.0-R	A10 x 5.0-L	M10 x 1.5	5	45
A10 x 6.0-R	A10 x 6.0-L	M10 x 1.5	6	45
A10 x 7.0-R	A10 x 7.0-L	M10 x 1.5	7	45
A10 x 8.0-R	A10 x 8.0-L	M10 x 1.5	8	45
A10 x 9.0-R	A10 x 9.0-L	M10 x 1.5	9	45
A10 x 10.0-R	A10 x 10.0-L	M10 x 1.5	10	45

Unit: m/m



直柄接套

HSS Adapter

產品編號 Item. No	柄徑 Shank Dia	孔徑 D	總長 L
T10-3.0	10	3	40
T10-4.0	10	4	40
T10-5.0	10	5	40
T10-6.0	10	6	40

Unit: m/m



外牙套頭(六角扳手) HSS Thread Adapter - 6 point flats



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	牙數 Thread Size	孔徑 D	總長 L
AW8x10-R	AW8x10-L	M8x1.25	10	40
AW10x10-R	AW10x10-L	M10x1.5	10	40

Unit: m/m



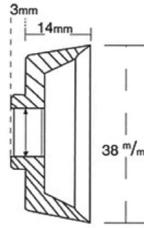


酒杯刀-內牙 Cup Cutter for Copy Lathe - Thread inside



產品編號 Item. No	外徑 D	總長 L	內牙 Thread size
Z006-35*20-M8	35	20	M8 牙
Z006-35*17-M8	35	17	M8 牙
Z006-35.2*22-M8	35.2	22	M8 牙
Z006-38*23-M8	38	23	M8 牙
Z006-45*26-M8	45	26	M8 牙

Unit: m/m



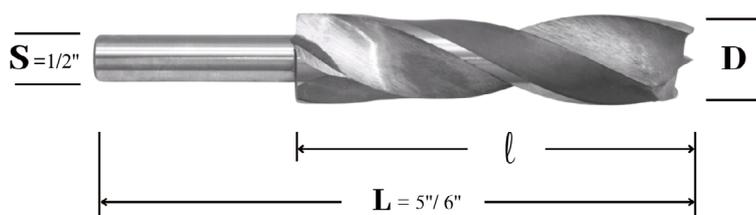
酒杯刀-內孔

Cup Cutter for Copy Lathe



產品編號 Item. No	外徑 D	總長 L
Z006-38*14	38	14
Z006-38*17	38	17
Z006-38*21	38	21
Z006-38*23	38	23

Unit: m/m

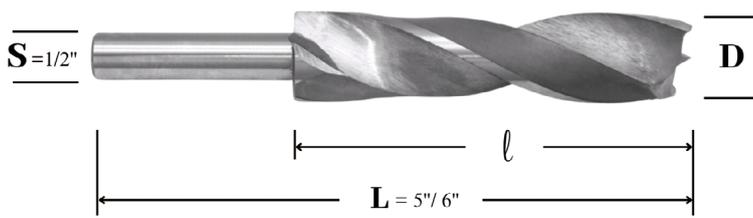


直柄鑽頭
HSS 1/2" Shank Drill Bit



產品編號 Item. No Rotation : R	產品編號 Item. No Rotation : L	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
D1/2R-332305	D1/2L-332305	1/2"	3/32"	3"	5"
D1/2R-0108305	D1/2L-0108305	1/2"	1/8"	3"	5"
D1/2R-0104305	D1/2L-0104305	1/2"	1/4"	3"	5"
D1/2R-316305	D1/2L-316305	1/2"	3/16"	3"	5"
D1/2R-516305	D1/2L-516305	1/2"	5/16"	3"	5"
D1/2R-038305	D1/2L-038305	1/2"	3/8"	3"	5"
D1/2R-716305	D1/2L-716305	1/2"	7/16"	3"	5"
D1/2R-916305	D1/2L-916305	1/2"	9/16"	3"	5"
D1/2R-0508305	D1/2L-0508305	1/2"	5/8"	3"	5"
D1/2R-1116305	D1/2L-1116305	1/2"	11/16"	3"	5"
D1/2R-1316305	D1/2L-1316305	1/2"	13/16"	3"	5"
D1/2R-0708305	D1/2L-0708305	1/2"	7/8"	3"	5"
D1/2R-1516305	D1/2L-1516305	1/2"	15/16"	3"	5"
D1/2R-010305	D1/2L-010305	1/2"	1"	3"	5"
D1/2R-1018305	D1/2L-1018305	1/2"	1-1/8"	3"	5"
D1/2R-10102035	D1/2L-10102035	1/2"	1-1/2"	3"	5"

Unit: inch



直柄鑽頭

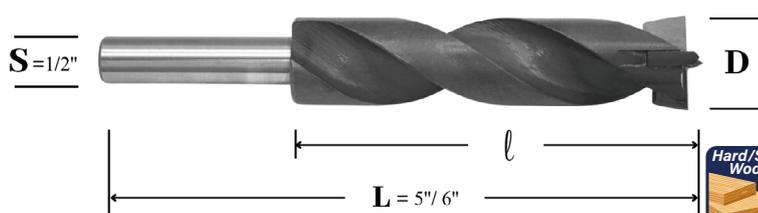
HSS 1/2" Shank Drill Bit



產品編號 Item. No Rotation : R	產品編號 Item. No Rotation : L	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
D1/2R-332406	D1/2L-332406	1/2"	3/32"	4"	6"
D1/2R-0108406	D1/2L-0108406	1/2"	1/8"	4"	6"
D1/2R-0104406	D1/2L-0104406	1/2"	1/4"	4"	6"
D1/2R-316406	D1/2L-316406	1/2"	3/16"	4"	6"
D1/2R-516406	D1/2L-516406	1/2"	5/16"	4"	6"
D1/2R-038406	D1/2L-038406	1/2"	3/8"	4"	6"
D1/2R-716406	D1/2L-716406	1/2"	7/16"	4"	6"
D1/2R-916406	D1/2L-916406	1/2"	9/16"	4"	6"
D1/2R-0508406	D1/2L-0508406	1/2"	5/8"	4"	6"
D1/2R-1116406	D1/2L-1116406	1/2"	11/16"	4"	6"
D1/2R-1316406	D1/2L-1316406	1/2"	13/16"	4"	6"
D1/2R-0708406	D1/2L-0708406	1/2"	7/8"	4"	6"
D1/2R-1516406	D1/2L-1516406	1/2"	15/16"	4"	6"
D1/2R-010406	D1/2L-010406	1/2"	1"	4"	6"
D1/2R-1018406	D1/2L-1018406	1/2"	1-1/8"	4"	6"
D1/2R-10102406	D1/2L-10102406	1/2"	1-1/2"	4"	6"

** 另提供特殊規格訂作 Customized size service available.

Unit: inch

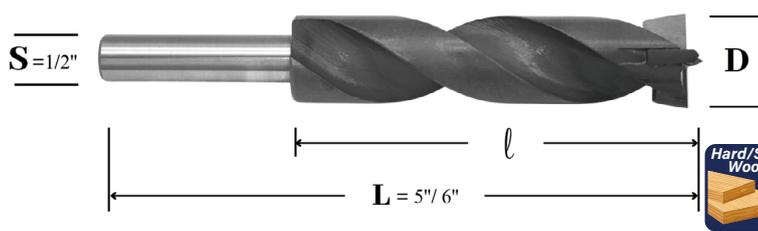


直柄鑽頭-TCT Carbide Tipped 1/2" Shank Drill Bit



產品編號 Item. No Rotation : R	產品編號 Item. No Rotation : L	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
DC1/2R-0104305	DC1/2L-0104305	1/2"	1/4"	3"	5"
DC1/2R-0308305	DC1/2L-0308305	1/2"	3/8"	3"	5"
DC1/2R-0516305	DC1/2L-0516305	1/2"	5/16"	3"	5"
DC1/2R-0716305	DC1/2L-0716305	1/2"	7/16"	3"	5"
DC1/2R-0916305	DC1/2L-0916305	1/2"	9/16"	3"	5"
DC1/2R-0508305	DC1/2L-0508305	1/2"	5/8"	3"	5"
DC1/2R-0708305	DC1/2L-0708305	1/2"	7/8"	3"	5"
DC1/2R-010305	DC1/2L-010305	1/2"	1"	3"	5"
DC1/2R-10108305	DC1/2L-10108305	1/2"	1-1/8"	3"	5"
DC1/2R-10102305	DC1/2L-10102305	1/2"	1-1/2"	3"	5"
DC1/2R-1116305	DC1/2L-1116305	1/2"	11/16"	3"	5"
DC1/2R-1316305	DC1/2L-1316305	1/2"	13/16"	3"	5"
DC1/2R-1516305	DC1/2L-1516305	1/2"	15/16"	3"	5"

Unit: inch



直柄鑽頭-TCT

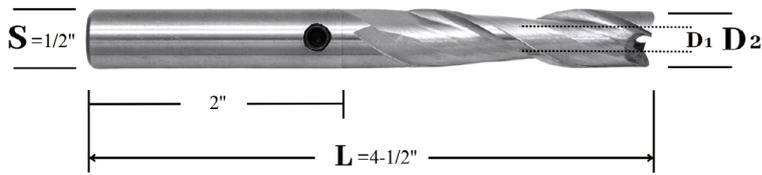
Carbide Tipped 1/2" Shank Drill Bit



產品編號 Item. No Rotation : R	產品編號 Item. No Rotation : L	柄徑 Shank Dia	刃徑 Cutting Dia	刃長 l	總長 L
DC1/2R-0104306	DC1/2L-0104406	1/2"	1/4"	4"	6"
DC1/2R-0308306	DC1/2L-0308406	1/2"	3/8"	4"	6"
DC1/2R-0516306	DC1/2L-0516406	1/2"	5/16"	4"	6"
DC1/2R-0716306	DC1/2L-0716406	1/2"	7/16"	4"	6"
DC1/2R-0916306	DC1/2L-0916406	1/2"	9/16"	4"	6"
DC1/2R-0508306	DC1/2L-0508406	1/2"	5/8"	4"	6"
DC1/2R-0708306	DC1/2L-0708406	1/2"	7/8"	4"	6"
DC1/2R-010306	DC1/2L-010406	1/2"	1"	4"	6"
DC1/2R-10108306	DC1/2L-10108406	1/2"	1-1/8"	4"	6"
DC1/2R-10102306	DC1/2L-10102406	1/2"	1-1/2"	4"	6"
DC1/2R-1116306	DC1/2L-1116406	1/2"	11/16"	4"	6"
DC1/2R-1316306	DC1/2L-1316406	1/2"	13/16"	4"	6"
DC1/2R-1516306	DC1/2L-1516406	1/2"	15/16"	4"	6"

** 另提供特殊規格訂作 Customized size service available.

Unit: inch

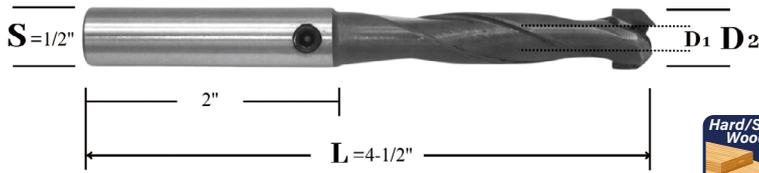


直柄沙拉刀 HSS 1/2" x 2" Adjustable Countersink & Counterbore



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	柄徑 Shank Dia	外徑 x 內徑 D2 x D1	刃長 ℓ	總長 L
S1/2R-3818412	S1/2L-3818412	1/2"	3/8" x 1/8"	2.5"	4-1/2"
S1/2R-38316412	S1/2L-38316412	1/2"	3/8" x 3/16"	2.5"	4-1/2"
S1/2R-38532412	S1/2L-38532412	1/2"	3/8" x 5/32"	2.5"	4-1/2"
S1/2R-716316412	S1/2L-716316412	1/2"	7/16" x 3/16"	2.5"	4-1/2"
S1/2R-716532412	S1/2L-716532412	1/2"	7/16" x 5/32"	2.5"	4-1/2"
S1/2R-12316412	S1/2L-12316412	1/2"	1/2" x 3/16"	2.5"	4-1/2"
S1/2R-12532412	S1/2L-12532412	1/2"	1/2" x 5/32"	2.5"	4-1/2"
S1/2R-1214412	S1/2L-1214412	1/2"	1/2" x 1/4"	2.5"	4-1/2"
S1/2R-12732412	S1/2L-12732412	1/2"	1/2" x 7/32"	2.5"	4-1/2"
S1/2R-58316412	S1/2L-58316412	1/2"	5/8" x 3/16"	2.5"	4-1/2"
S1/2R-5814412	S1/2L-5814412	1/2"	5/8" x 1/4"	2.5"	4-1/2"
S1/2R-58932412	S1/2L-58932412	1/2"	5/8" x 9/32"	2.5"	4-1/2"
S1/2R-58516412	S1/2L-58516412	1/2"	5/8" x 5/16"	2.5"	4-1/2"
S1/2R-34316412	S1/2L-34316412	1/2"	3/4" x 3/16"	2.5"	4-1/2"
S1/2R-3414412	S1/2L-3414412	1/2"	3/4" x 1/4"	2.5"	4-1/2"
S1/2R-34516412	S1/2L-34516412	1/2"	3/4" x 5/16"	2.5"	4-1/2"
S1/2R-34932412	S1/2L-34932412	1/2"	3/4" x 9/32"	2.5"	4-1/2"
S1/2R-3438412	S1/2L-3438412	1/2"	3/4" x 3/8"	2.5"	4-1/2"
S1/2R-7838412	S1/2L-7838412	1/2"	7/8" x 3/8"	2.5"	4-1/2"
S1/2R-78516412	S1/2L-78516412	1/2"	7/8" x 5/16"	2.5"	4-1/2"
S1/2R-138412	S1/2L-138412	1/2"	1" x 3/8"	2.5"	4-1/2"

Unit: inch



沙拉刀-TCT

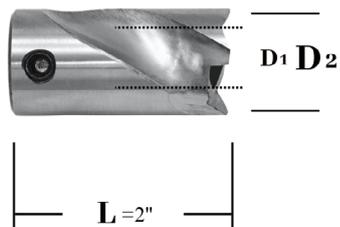
Carbide Tipped 1/2" x 2" Adjustable Countersink & Counterbore



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	柄徑 Shank Dia	外徑 x 內徑 D2 x D1	刃長 <i>ℓ</i>	總長 L
SC1/2R-38316412	SC1/2L-38316412	1/2"	3/8" x 3/16"	2.5"	4-1/2"
SC1/2R-12316412	SC1/2L-12316412	1/2"	1/2" x 3/16"	2.5"	4-1/2"
SC1/2R-12732412	SC1/2L-12732412	1/2"	1/2" x 7/32"	2.5"	4-1/2"
SC1/2R-1214412	SC1/2L-1214412	1/2"	1/2" x 1/4"	2.5"	4-1/2"
SC1/2R-3438412	SC1/2L-3438412	1/2"	3/4" x 3/8"	2.5"	4-1/2"

** 另提供特殊規格訂作 Customized size service available.

Unit: inch



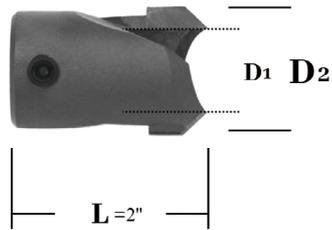
無頭沙拉刀

HSS Adjustable Countersink & Counterbore



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	外徑 x 內徑 D2 x D1	總長 L
SNR3831602	SNL3831602	3/8" x 3/16"	2"
SNR1231602	SNL1231602	1/2" x 3/16"	2"
SNR1273202	SNL1273202	1/2" x 7/32"	2"
SNR121402	SNL121402	1/2" x 1/4"	2"
SNR581402	SNL581402	5/8" x 1/4"	2"
SNR5851602	SNL5851602	5/8" x 5/16"	2"
SNR341402	SNL341402	3/4" x 1/4"	2"
SNR343802	SNL343802	3/4" x 3/8"	2"
SNR7851602	SNL7851602	7/8" x 5/16"	2"
SNR781402	SNR781402	7/8" x 1/4"	2"
SNR7871602	SNR7871602	7/8" x 7/16"	2"
SNR151602	SNR151602	1" x 5/16"	2"
SNR11402	SNR11402	1" x 1/4"	2"
SNR13802	SNR13802	1" x 3/8"	2"
SNR171602	SNR171602	1" x 7/16"	2"
SNR1133202	SNR1133202	1" x 13/32"	2"
SNR11202	SNR11202	1" x 1/2"	2"
SNR1141202	SNR1141202	1-1/4" x 1/2"	2"
SNR1121202	SNR1121202	1-1/2" x 1/2"	2"
SNR11271602	SNR11271602	1-1/2" x 7/16"	2"

Unit: inch



TCT無頭沙拉刀

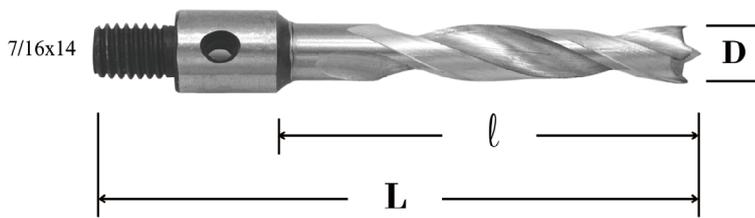
Carbide Tipped Adjustable Countersink & Counterbore



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	外徑 x 內徑 D2 x D1	總長 L
SNCR131602	SNCL131602	1" x 3/16"	2"
SNCR151602	SNCL151602	1" x 5/16"	2"
SNCR13802	SNCL13802	1" x 3/8"	2"
SNCR171602	SNCL171602	1" x 7/16"	2"
SNCR1141202	SNCL1141202	1-1/4" x 1/2"	2"
SNCR11451602	SNCL11451602	1-1/4" x 5/16"	2"
SNCR11871602	SNCL11871602	1-1/8" x 7/16"	2"
SNCR13851602	SNCL13851602	1-3/8" x 5/16"	2"
SNCR13871602	SNCL13871602	1-3/8" x 7/16"	2"
SNCR13891602	SNCL13891602	1-3/8" x 9/16"	2"

** 另提供特殊規格訂作 Customized size service available.

Unit: inch



外牙鑽頭 HSS Brad Point 7/16 x 14 Thread Shank Drill

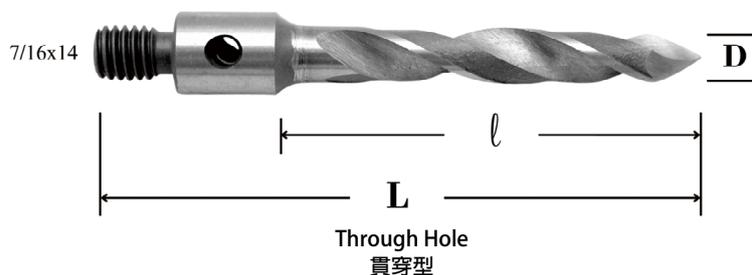


產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	牙數 Thread Size	刃徑 Cutting Dia	刃長 l	總長 L
A4R-532412	A4L-532412	7/16 x 14	5/32"	3"	4-1/2"
A4R-316412	A4L-316412	7/16 x 14	3/16"	3"	4-1/2"
A4R-732412	A4L-732412	7/16 x 14	7/32"	3"	4-1/2"
A4R-14412	A4L-14412	7/16 x 14	1/4"	3"	4-1/2"
A4R-932412	A4L-932412	7/16 x 14	9/32"	3"	4-1/2"
A4R-516412	A4L-516412	7/16 x 14	5/16"	3"	4-1/2"
A4R-1132412	A4L-1132412	7/16 x 14	11/32"	3"	4-1/2"
A4R-38412	A4L-38412	7/16 x 14	3/8"	3"	4-1/2"
A4R-1332412	A4L-1332412	7/16 x 14	13/32"	3"	4-1/2"
A4R-716412	A4L-716412	7/16 x 14	7/16"	3"	4-1/2"
A4R-1532412	A4L-1532412	7/16 x 14	15/32"	3"	4-1/2"
A4R-12412	A4L-12412	7/16 x 14	1/2"	3"	4-1/2"
A4R-1732412	A4L-1732412	7/16 x 14	17/32"	3"	4-1/2"
A4R-916412	A4L-916412	7/16 x 14	9/16"	3"	4-1/2"
A4R-58412	A4L-58412	7/16 x 14	5/8"	3"	4-1/2"
A4R-34412	A4L-34412	7/16 x 14	3/4"	3"	4-1/2"
A4R-78412	A4L-78412	7/16 x 14	7/8"	3"	4-1/2"
A4R-01412	A4L-01412	7/16 x 14	1"	3"	4-1/2"

** 貫穿型可訂作 Through hole type available

Unit: inch

** 另提供特殊規格訂作 Customized size service available.





外牙鑽頭-TCT

Carbide Tipped Brad Point

7/16 x 14 Thread Shank Drill



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	牙數 Thread Size	刃徑 Cutting Dia	刃長 l	總長 L
CA4R-732412	CA4L-732412	7/16 x 14	7/32"	3"	4-1/2"
CA4R-14412	CA4L-14412	7/16 x 14	1/4"	3"	4-1/2"
CA4R-932412	CA4L-932412	7/16 x 14	9/32"	3"	4-1/2"
CA4R-516412	CA4L-516412	7/16 x 14	5/16"	3"	4-1/2"
CA4R-1132412	CA4L-1132412	7/16 x 14	11/32"	3"	4-1/2"
CA4R-38412	CA4L-38412	7/16 x 14	3/8"	3"	4-1/2"
CA4R-1332412	CA4L-1332412	7/16 x 14	13/32"	3"	4-1/2"
CA4R-716412	CA4L-716412	7/16 x 14	7/16"	3"	4-1/2"
CA4R-1532412	CA4L-1532412	7/16 x 14	15/32"	3"	4-1/2"
CA4R-12412	CA4L-12412	7/16 x 14	1/2"	3"	4-1/2"
CA4R-1732412	CA4L-1732412	7/16 x 14	17/32"	3"	4-1/2"
CA4R-916412	CA4L-916412	7/16 x 14	9/16"	3"	4-1/2"
CA4R-58412	CA4L-58412	7/16 x 14	5/8"	3"	4-1/2"
CA4R-34412	CA4L-34412	7/16 x 14	3/4"	3"	4-1/2"
CA4R-78412	CA4L-78412	7/16 x 14	7/8"	3"	4-1/2"
CA4R-01412	CA4L-01412	7/16 x 14	1"	3"	4-1/2"

** 貫穿型可訂作 Through hole type available

Unit: inch

** 另提供特殊規格訂作 Customized size service available.



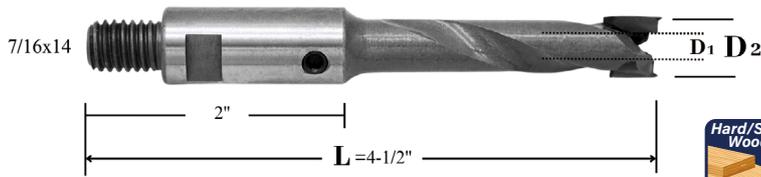
外牙沙拉刀

HSS Adjustable Counterbore & Countersink with 7/16 x 14 Thread Shank



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	柄徑 x 柄長 Shank Dia x Length	外徑 x 內徑 D2 x D1	刃長 ℓ	總長 L
SA4R-3818412	SA4L-3818412	1/2" x 2"	3/8" x 1/8"	2.5"	4-1/2"
SA4R-38316412	SA4L-38316412	1/2" x 2"	3/8" x 3/16"	2.5"	4-1/2"
SA4R-38532412	SA4L-38532412	1/2" x 2"	3/8" x 5/32"	2.5"	4-1/2"
SA4R-716316412	SA4L-716316412	1/2" x 2"	7/16" x 3/16"	2.5"	4-1/2"
SA4R-716532412	SA4L-716532412	1/2" x 2"	7/16" x 5/32"	2.5"	4-1/2"
SA4R-12316412	SA4L-12316412	1/2" x 2"	1/2" x 3/16"	2.5"	4-1/2"
SA4R-12532412	SA4L-12532412	1/2" x 2"	1/2" x 5/32"	2.5"	4-1/2"
SA4R-1214412	SA4L-1214412	1/2" x 2"	1/2" x 1/4"	2.5"	4-1/2"
SA4R-12732412	SA4L-12732412	1/2" x 2"	1/2" x 7/32"	2.5"	4-1/2"
SA4R-58316412	SA4L-58316412	1/2" x 2"	5/8" x 3/16"	2.5"	4-1/2"
SA4R-5814412	SA4L-5814412	1/2" x 2"	5/8" x 1/4"	2.5"	4-1/2"
SA4R-58932412	SA4L-58932412	1/2" x 2"	5/8" x 9/32"	2.5"	4-1/2"
SA4R-58516412	SA4L-58516412	1/2" x 2"	5/8" x 5/16"	2.5"	4-1/2"
SA4R-34316412	SA4L-34316412	1/2" x 2"	3/4" x 3/16"	2.5"	4-1/2"
SA4R-3414412	SA4L-3414412	1/2" x 2"	3/4" x 1/4"	2.5"	4-1/2"
SA4R-34516412	SA4L-34516412	1/2" x 2"	3/4" x 5/16"	2.5"	4-1/2"
SA4R-34932412	SA4L-34932412	1/2" x 2"	3/4" x 9/32"	2.5"	4-1/2"
SA4R-3438412	SA4L-3438412	1/2" x 2"	3/4" x 3/8"	2.5"	4-1/2"
SA4R-7838412	SA4L-7838412	1/2" x 2"	7/8" x 3/8"	2.5"	4-1/2"
SA4R-78516412	SA4L-78516412	1/2" x 2"	7/8" x 5/16"	2.5"	4-1/2"
SA4R-138412	SA4L-138412	1/2" x 2"	1" x 3/8"	2.5"	4-1/2"

Unit: inch



外牙沙拉刀-TCT

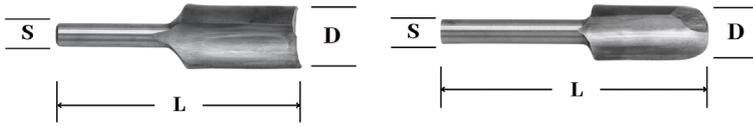
Carbide Tipped Adjustable Counterbore
& Countersink with 7/16 x 14 Thread Shank



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	柄徑 x 柄長 Shank Dia x Length	外徑 x 內徑 D2 x D1	刃長 <i>ℓ</i>	總長 L
SCA4R-38316412	SCA4L-38316412	1/2" x 2"	3/8" x 3/16"	2.5"	4-1/2"
SCA4R-12316412	SCA4L-12316412	1/2" x 2"	1/2" x 3/16"	2.5"	4-1/2"
SCA4R-12732412	SCA4L-12732412	1/2" x 2"	1/2" x 7/32"	2.5"	4-1/2"
SCA4R-1214412	SCA4L-1214412	1/2" x 2"	1/2" x 1/4"	2.5"	4-1/2"
SCA4R-3438412	SCA4L-3438412	1/2" x 2"	3/4" x 3/8"	2.5"	4-1/2"

** 另提供特殊規格訂作 Customized size service available.

Unit: inch



雕刻刀 HSS Carving Rougher Bit



產品編號 Item. No	產品編號 Item. No	柄徑 Shank Dia	刃徑 Cutting Dia	總長 L
U11R-0508025	U11L-0508025	11mm	5/8"	2.5"
U11R-0304025	U11L-0304025	11mm	3/4"	2.5"
U1/4R-011603	U1/4L-011603	1/4"	1/16"	3"
U1/4R-010803	U1/4L-010803	1/4"	1/8"	3"
U1/4R-031603	U1/4L-031603	1/4"	3/16"	3"
U1/4R-010403	U1/4L-010403	1/4"	1/4"	3"
U1/4R-051603	U1/4L-051603	1/4"	5/16"	3"
U1/4R-030803	U1/4L-030803	1/4"	3/8"	3"
U1/4R-010203	U1/4L-010203	1/4"	1/2"	3"

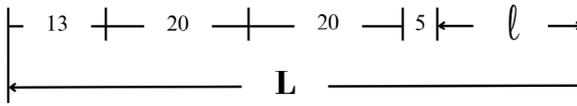
5/16x24
5/16x18
3/8x24



D

外牙筍刀

Carbide Tipped Dovetail Bit



產品編號 Item. No Rotation: R	產品編號 Item. No Rotation: L	牙數 Thread Size	刃徑 Cutting Dia	總長 L
Y040-5/16 x 13.6R	Y040-5/16 x 13.6L	5/16 x 18 牙	13.6	75
Y040-5/16 x 13.8R	Y040-5/16 x 13.8L	5/16 x 18 牙	13.8	81
Y040-3/8 x 14.0R	Y040-3/8 x 14.0L	3/8 x 24 牙	14	56
Y040-3/8 x 15.0R	Y040-3/8 x 15.0L	3/8 x 24 牙	15	58
Y040-M9 x 14.2R	Y040-M9 x 14.2L	M9 x 1.25 牙	14.2	50
Y040-M9 x 15.0R	Y040-M9 x 15.0L	M9 x 1.25 牙	15	47.4

**2T & 3T 可訂作 2 Flute & 3 Flute also available

Unit: m/m



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