

HNCARBIDE

SOLID CARBIDE SPIRAL BITS

DETAIL DISPLAY

Extremely sharp,
non-stick, and provide
smooth, clean cuts

IMPORTED TUNGSTEN STEEL MATERIAL

High hardness, wear resis-
tance, and sharpness without
breaking

SPIRAL DESIGN

Significantly increase
cutting speed, improve
chip evacuation, reduce
tool wear

LARGE CHIP FLUTE DESIGN

Faster chip removal and higher
efficiency

A



B



C



D



A

Solid Carbide Spiral End Mill

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SOLID CARBIDE SPIRAL BITS OVERVIEW

Solid Carbide Single Flute Spiral End Mill

HN1A-FG | A01



HN2A-FA | A02



HN3A-FA | A03



Solid Carbide Single Flute Left Helical End Mill

HN2A-LH | A04



HN3A-LH | A05



Solid Carbide Single Flute Spiral End Mill For Aluminum

HN2A-AL | A06



HN3A-AL | A07



Single Flute Spiral End Mill For Aluminum Alloy

HNM42-FAA | A08



HNHSS-FAA | A09



HNK44-FAA | A10



Solid Carbide Double Flutes Spiral End Mill

HN1A-FG2 | A11



HN1A-BB2 | A12



HN3A-LD2 | A13



Solid Carbide Up&Down Cut Spiral End Mill

HN3A-UD | A14



HN3A-UD2 | A15



A

SOLID CARBIDE SPIRAL BITS OVERVIEW

PCB Corn Teeth End Mill

HN2A-CT | A16



B

Solid Carbide Engraving Bits

HN2A-BE | A17



HN1A-TF | A18



C

Solid Carbide Straight Cutter

HN1A-SF2 | A19



HN1A-SS | A20



D

TCT End Mill

HN-TUD2 | A21



HN-SM | A21



3D Cutter

HN1A-BP | A22



HN1A-SK | A22



HN1A-RB | A23



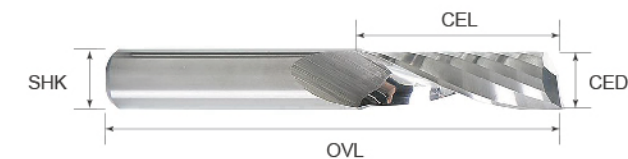
ER Collet

ER | A23



HN1A-FG

Solid Carbide Single Flute Spiral End Mill



●Suitable for processing Acrylic, PVC, plastic.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN1A-FG-01507	1.5	3.175	7	38
HN1A-FG-01512	1.5	3.175	12	38
HN1A-FG-02008	2	3.175	8	38
HN1A-FG-02015	2	3.175	15	38
HN1A-FG-02017	2	3.175	17	38
HN1A-FG-02022	2	3.175	22	45
HN1A-FG-02508	2.5	3.175	8	38
HN1A-FG-02512	2.5	3.175	12	38
HN1A-FG-02515	2.5	3.175	15	38
HN1A-FG-02517	2.5	3.175	17	38
HN1A-FG-02522	2.5	3.175	22	45
HN1A-FG-03108	3.175	3.175	8	38
HN1A-FG-03112	3.175	3.175	12	38
HN1A-FG-03115	3.175	3.175	15	38
HN1A-FG-03117	3.175	3.175	17	38
HN1A-FG-03122	3.175	3.175	22	45
HN1A-FG-03125	3.175	3.175	25	45
HN1A-FG-03128	3.175	3.175	28	50
HN1A-FG-03132	3.175	3.175	32	55
HN1A-FG-03142	3.175	3.175	42	70
HN1A-FG-04012	4	4	12	45
HN1A-FG-04017	4	4	17	45
HN1A-FG-04022	4	4	22	45
HN1A-FG-04025	4	4	25	45
HN1A-FG-04028	4	4	28	50
HN1A-FG-04032	4	4	32	55
HN1A-FG-04042	4	4	42	65
HN1A-FG-04052	4	4	52	75
HN1A-FG-05017	5	5	17	50
HN1A-FG-05022	5	5	22	50
HN1A-FG-05025	5	5	25	50
HN1A-FG-05028	5	5	28	55
HN1A-FG-05032	5	5	32	55
HN1A-FG-06012	6	6	12	50
HN1A-FG-06017	6	6	17	50
HN1A-FG-06022	6	6	22	50
HN1A-FG-06025	6	6	25	50
HN1A-FG-06028	6	6	28	60
HN1A-FG-06032	6	6	32	60
HN1A-FG-06042	6	6	42	70
HN1A-FG-06052	6	6	52	80
HN1A-FG-06062	6	6	62	100
HN1A-FG-08025	8	8	25	60
HN1A-FG-08032	8	8	32	60
HN1A-FG-08042	8	8	42	75
HN1A-FG-08052	8	8	52	90

A

B

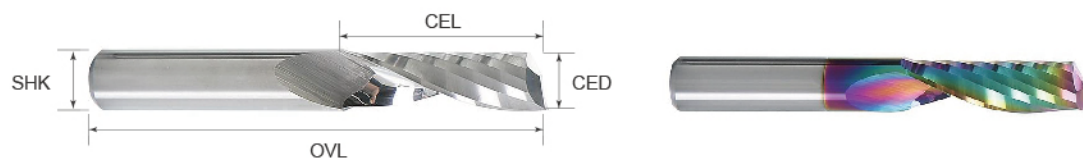
C

D

A01

HN2A-FA

Solid Carbide Single Flute Spiral End Mill



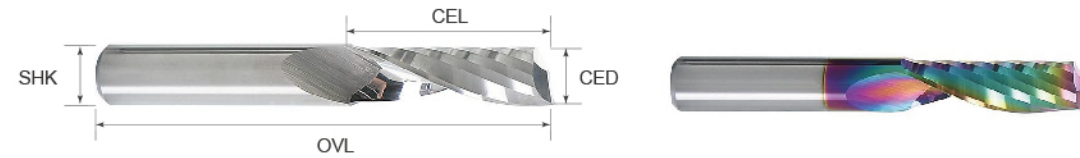
- Suitable for processing Acrylic, PVC, plastic, wood, multi-layer plywood, MDF.
- High surface finish.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN2A-FA-01003	1	3.175	3	38
HN2A-FA-01004	1	3.175	4	38
HN2A-FA-01504	1.5	3.175	4	38
HN2A-FA-01507	1.5	3.175	7	38
HN2A-FA-01512	1.5	3.175	12	38
HN2A-FA-02004	2	3.175	4	38
HN2A-FA-02006	2	3.175	6	38
HN2A-FA-02008	2	3.175	8	38
HN2A-FA-02010	2	3.175	10	38
HN2A-FA-02012	2	3.175	12	38
HN2A-FA-02015	2	3.175	15	38
HN2A-FA-02017	2	3.175	17	38
HN2A-FA-02504	2.5	3.175	4	38
HN2A-FA-02506	2.5	3.175	6	38
HN2A-FA-02508	2.5	3.175	8	38
HN2A-FA-02510	2.5	3.175	10	38
HN2A-FA-02512	2.5	3.175	12	38
HN2A-FA-02515	2.5	3.175	15	38
HN2A-FA-02517	2.5	3.175	17	38
HN2A-FA-03106	3.175	3.175	6	38
HN2A-FA-03108	3.175	3.175	8	38
HN2A-FA-03110	3.175	3.175	10	38
HN2A-FA-03112	3.175	3.175	12	38
HN2A-FA-03115	3.175	3.175	15	38
HN2A-FA-03117	3.175	3.175	17	38
HN2A-FA-03122	3.175	3.175	22	45
HN2A-FA-03125	3.175	3.175	25	50
HN2A-FA-03128	3.175	3.175	28	50
HN2A-FA-03132	3.175	3.175	32	55
HN2A-FA-04008	4	4	8	45
HN2A-FA-04012	4	4	12	45
HN2A-FA-04015	4	4	15	45
HN2A-FA-04017	4	4	17	45
HN2A-FA-04022	4	4	22	45
HN2A-FA-04025	4	4	25	50
HN2A-FA-04028	4	4	28	50
HN2A-FA-04032	4	4	32	55
HN2A-FA-05017	5	5	17	50
HN2A-FA-05028	5	5	28	55
HN2A-FA-05032	5	5	32	55
HN2A-FA-06012	6	6	12	50
HN2A-FA-06017	6	6	17	50
HN2A-FA-06022	6	6	22	50
HN2A-FA-06025	6	6	25	50
HN2A-FA-06032	6	6	32	60
HN2A-FA-08025	8	8	25	60
HN2A-FA-08032	8	8	32	65
HN2A-FA-10025	10	10	25	60
HN2A-FA-10032	10	10	32	75

HN3A-FA

Solid Carbide Single Flute Spiral End Mill



- Suitable for processing Acrylic, PVC, plastic, wood, multi-layer plywood, MDF.
- High surface finish.Ultra-fine grain tungsten steel.

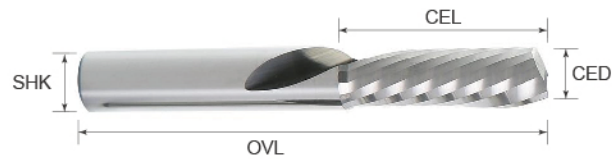
unit:mm

Order NO.	CED	SHK	CEL	OVL
HN3A-FA-01003	1	3.175	3	38
HN3A-FA-01004	1	3.175	4	38
HN3A-FA-01504	1.5	3.175	4	38
HN3A-FA-01507	1.5	3.175	7	38
HN3A-FA-01512	1.5	3.175	12	38
HN3A-FA-02004	2	3.175	4	38
HN3A-FA-02006	2	3.175	6	38
HN3A-FA-02008	2	3.175	8	38
HN3A-FA-02010	2	3.175	10	38
HN3A-FA-02012	2	3.175	12	38
HN3A-FA-02015	2	3.175	15	38
HN3A-FA-02017	2	3.175	17	38
HN3A-FA-02022	2	3.175	22	45
HN3A-FA-02504	2.5	3.175	4	38
HN3A-FA-02506	2.5	3.175	6	38
HN3A-FA-02508	2.5	3.175	8	38
HN3A-FA-02510	2.5	3.175	10	38
HN3A-FA-02512	2.5	3.175	12	38
HN3A-FA-02515	2.5	3.175	15	38
HN3A-FA-02517	2.5	3.175	17	38
HN3A-FA-02522	2.5	3.175	22	45
HN3A-FA-03106	3.175	3.175	6	38
HN3A-FA-03108	3.175	3.175	8	38
HN3A-FA-03110	3.175	3.175	10	38
HN3A-FA-03112	3.175	3.175	12	38
HN3A-FA-03115	3.175	3.175	15	38
HN3A-FA-03117	3.175	3.175	17	38
HN3A-FA-03122	3.175	3.175	22	45
HN3A-FA-03125	3.175	3.175	25	50
HN3A-FA-03128	3.175	3.175	28	50
HN3A-FA-03132	3.175	3.175	32	55
HN3A-FA-03142	3.175	3.175	42	70
HN3A-FA-03152	3.175	3.175	52	75
HN3A-FA-04008	4	4	8	45
HN3A-FA-04012	4	4	12	45
HN3A-FA-04015	4	4	15	45
HN3A-FA-04017	4	4	17	45

Order NO.	CED	SHK	CEL	OVL
HN3A-FA-04022	4	4	22	45
HN3A-FA-04025	4	4	25	50
HN3A-FA-04028	4	4	28	50
HN3A-FA-04032	4	4	32	55
HN3A-FA-04042	4	4	42	70
HN3A-FA-04052	4	4	52	75
HN3A-FA-05022	5	5	22	50
HN3A-FA-05025	5	5	25	50
HN3A-FA-05028	5	5	28	55
HN3A-FA-05032	5	5	32	60
HN3A-FA-06012	6	6	12	50
HN3A-FA-06017	6	6	17	50
HN3A-FA-06022	6	6	22	50
HN3A-FA-06025	6	6	25	50
HN3A-FA-06028	6	6	28	60
HN3A-FA-06032	6	6	32	60
HN3A-FA-06042	6	6	42	75
HN3A-FA-06052	6	6	52	85
HN3A-FA-06062	6	6	62	100
HN3A-FA-06322	6.35	6.35	22	50
HN3A-FA-06325	6.35	6.35	25	50
HN3A-FA-06328	6.35	6.35	28	60
HN3A-FA-06332	6.35	6.35	32	60
HN3A-FA-08022	8	8	22	60
HN3A-FA-08025	8	8	25	60
HN3A-FA-08032	8	8	32	70
HN3A-FA-08042	8	8	42	75
HN3A-FA-08052	8	8	52	90
HN3A-FA-08062	8	8	62	100
HN3A-FA-10032	10	10	32	75
HN3A-FA-10042	10	10	42	80
HN3A-FA-10052	10	10	52	100
HN3A-FA-10062	10	10	62	110
HN3A-FA-12032	12	12	32	75
HN3A-FA-12042	12	12	42	85
HN3A-FA-12052	12	12	52	100
HN3A-FA-12062	12	12	62	120

HN2A-LH

Solid Carbide Single Flute Left Helical End Mill



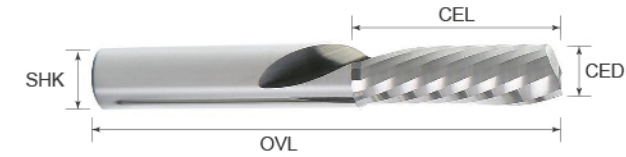
- Suitable for processing Plywood, Acrylic, PVC, Resin, Aluminum-plastic board, density board.
- Special grinding and high-capacity flutes, have made it no crumbss attached, low heat and high-quality finish under high-speed cutting. specially suitable for batch processing with high requirement.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN2A-LH-01003	1	3.175	3	38
HN2A-LH-01504	1.5	3.175	4	38
HN2A-LH-02004	2	3.175	4	38
HN2A-LH-02006	2	3.175	6	38
HN2A-LH-02008	2	3.175	8	38
HN2A-LH-02012	2	3.175	12	38
HN2A-LH-02508	2.5	3.175	8	38
HN2A-LH-02512	2.5	3.175	12	38
HN2A-LH-02517	2.5	3.175	17	38
HN2A-LH-03108	3.175	3.175	8	38
HN2A-LH-03112	3.175	3.175	12	38
HN2A-LH-03115	3.175	3.175	15	38
HN2A-LH-03117	3.175	3.175	17	38
HN2A-LH-03122	3.175	3.175	22	45
HN2A-LH-04012	4	4	12	45
HN2A-LH-04017	4	4	17	45
HN2A-LH-04022	4	4	22	45
HN2A-LH-04025	4	4	22	50
HN2A-LH-04028	4	4	28	50
HN2A-LH-06017	6	6	17	50
HN2A-LH-06022	6	6	22	50
HN2A-LH-06025	6	6	25	50
HN2A-LH-06032	6	6	32	60
HN2A-LH-08025	8	8	25	60
HN2A-LH-08032	8	8	32	65

HN3A-LH

Solid Carbide Single Flute Left Helical End Mill



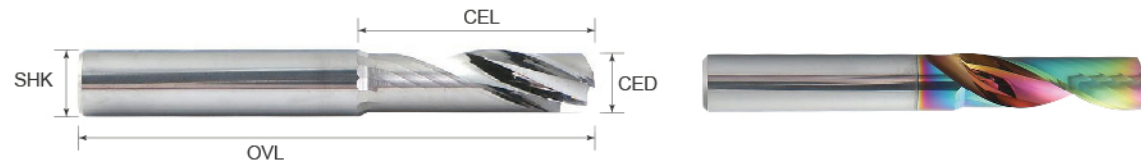
- Suitable for processing Plywood, Acrylic, PVC, Resin, Aluminum-plastic board, density board.
- Special grinding and high-capacity flutes, have made it no crumbss attached, low heat and high-quality finish under high-speed cutting. specially suitable for batch processing with high requirement.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN3A-LH-01003	1	3.175	3	38
HN3A-LH-01504	1.5	3.175	4	38
HN3A-LH-02004	2	3.175	4	38
HN3A-LH-02006	2	3.175	6	38
HN3A-LH-02008	2	3.175	8	38
HN3A-LH-02012	2	3.175	12	38
HN3A-LH-02508	2.5	3.175	8	38
HN3A-LH-02512	2.5	3.175	12	38
HN3A-LH-02517	2.5	3.175	17	38
HN3A-LH-03108	3.175	3.175	8	38
HN3A-LH-03112	3.175	3.175	12	38
HN3A-LH-03115	3.175	3.175	15	38
HN3A-LH-03117	3.175	3.175	17	38
HN3A-LH-03122	3.175	3.175	22	45
HN3A-LH-04012	4	4	12	45
HN3A-LH-04017	4	4	17	45
HN3A-LH-04022	4	4	22	45
HN3A-LH-04028	4	4	28	50
HN3A-LH-06017	6	6	17	50
HN3A-LH-06022	6	6	22	50
HN3A-LH-06025	6	6	25	50
HN3A-LH-06032	6	6	32	60
HN3A-LH-08025	8	8	25	60
HN3A-LH-08032	8	8	32	75

HN2A-AL

Solid Carbide Single Flute Spiral End Mill For Aluminum



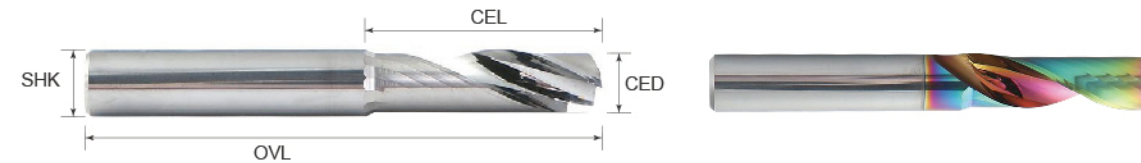
- Suitable for processing Aluminium Alloy, Copper Alloy, Magnesium Alloy.
- Suitable for small power spindle, high speed (over 16000) cutting processing.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN2A-AI-01003	1	3.175	3	38
HN2A-AI-01505	1.5	3.175	5	38
HN2A-AI-02004	2	3.175	4	38
HN2A-AI-02006	2	3.175	6	38
HN2A-AI-02008	2	3.175	8	38
HN2A-AI-02504	2.5	3.175	4	38
HN2A-AI-02506	2.5	3.175	6	38
HN2A-AI-02508	2.5	3.175	8	38
HN2A-AI-03106	3.175	3.175	6	38
HN2A-AI-03107	3.175	3.175	7	38
HN2A-AI-03112	3.175	3.175	12	38
HN2A-AI-03117	3.175	3.175	17	38
HN2A-AI-04008	4	4	8	45
HN2A-AI-04010	4	4	10	45
HN2A-AI-04012	4	4	12	45
HN2A-AI-04015	4	4	15	45
HN2A-AI-04017	4	4	17	45
HN2A-AI-04022	4	4	22	45
HN2A-AI-05017	5	5	17	50
HN2A-AI-06012	6	6	12	50
HN2A-AI-06015	6	6	15	50
HN2A-AI-06017	6	6	17	50
HN2A-AI-06022	6	6	22	50

HN3A-AL

Solid Carbide Single Flute Spiral End Mill For Aluminum



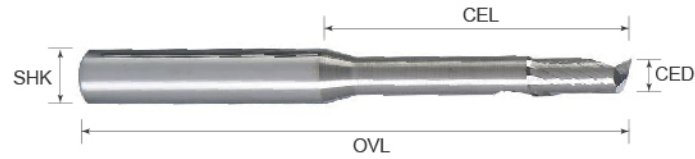
- Suitable for processing Aluminium Alloy, Copper Alloy, Magnesium Alloy.
- Suitable for small power spindle, high speed (over 16000) cutting processing.
- Specifically designed for high-speed cutting of aluminium, copper etc, with excellent finish.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN3A-AI-01003	1	3.175	3	38
HN3A-AI-01505	1.5	3.175	5	38
HN3A-AI-02004	2	3.175	4	38
HN3A-AI-02006	2	3.175	6	38
HN3A-AI-02008	2	3.175	8	38
HN3A-AI-02504	2.5	3.175	4	38
HN3A-AI-02506	2.5	3.175	6	38
HN3A-AI-02508	2.5	3.175	8	38
HN3A-AI-03106	3.175	3.175	6	38
HN3A-AI-03107	3.175	3.175	7	38
HN3A-AI-03112	3.175	3.175	12	38
HN3A-AI-03117	3.175	3.175	17	38
HN3A-AI-04008	4	4	8	45
HN3A-AI-04010	4	4	10	45
HN3A-AI-04012	4	4	12	45
HN3A-AI-04015	4	4	15	45
HN3A-AI-04017	4	4	17	45
HN3A-AI-04022	4	4	22	45
HN3A-AI-05017	5	5	17	50
HN3A-AI-06012	6	6	12	50
HN3A-AI-06015	6	6	15	50
HN3A-AI-06017	6	6	17	50
HN3A-AI-06022	6	6	22	50
HN3A-AI-08022	8	8	22	60
HN3A-AI-08025	8	8	25	60
HN3A-AI-10025	10	10	25	60
HN3A-AI-10032	10	10	32	75
HN3A-AI-10042	10	10	42	85
HN3A-AI-10035	12	12	35	75
HN3A-AI-12042	12	12	42	80

HNM42-FAA

K42 Material
Single Flute Spiral End Mill For Aluminum Alloy



●Suitable for Aluminium alloy doors and windows, curtain walls, plastic steel profiles, aluminium panels, etc.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HNM42-FAA-03012	3	8	12	60
HNM42-FAA-04014	4	8	14	60
HNM42-FAA-05014	5	8	14	60
HNM42-FAA-06014	6	8	14	60
HNM42-FAA-07014	7	8	14	60
HNM42-FAA-04014L	4	8	14	80
HNM42-FAA-05014L	5	8	14	80
HNM42-FAA-06014L	6	8	14	80
HNM42-FAA-07014L	7	8	14	80
HNM42-FAA-04114L	4	8	14(35)	80
HNM42-FAA-05114L	5	8	14(35)	80
HNM42-FAA-06114L	6	8	14(35)	80
HNM42-FAA-07114L	7	8	14(35)	80
HNM42-FAA-08014	8	8	14	80
HNM42-FAA-08020	8	8	20	80
HNM42-FAA-05016XL	5	8	16	100
HNM42-FAA-06016XL	6	8	16	100
HNM42-FAA-05116XL	5	8	16(45)	100
HNM42-FAA-06116XL	6	8	16(45)	100
HNM42-FAA-08016L	8	8	16	100
HNM42-FAA-08030L	8	8	30	100
HNM42-FAA-08130L	8	8	30(70)	100
HNM42-FAA-08230L	8	8	30(55)	100
HNM42-FAA-08030XL	8	8	30	120
HNM42-FAA-100	10	10	14	80
HNM42-FAA-100L	10	10	30	100
HNM42-FAA-100XL	10	10	30	120
HNM42-FAA-120	12	12	16	80
HNM42-FAA-120L	12	12	30	100
HNM42-FAA-120XL	12	12	30	120



HNHSS-FAA

HSS Material
Single Flute Spiral End Mill For Aluminum Alloy



●Suitable for Aluminium alloy doors and windows, curtain walls, plastic steel profiles, aluminium panels, etc.

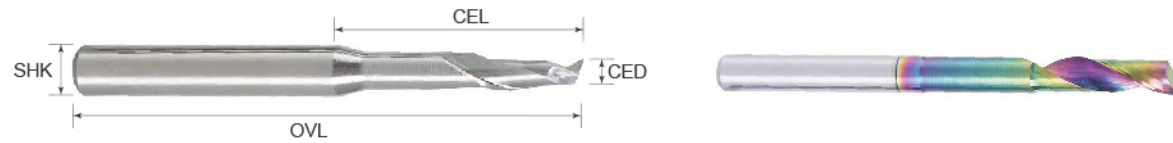
unit:mm

Order NO.	CED	SHK	CEL	OVL
HNHSS-FAA-03012	3	8	12	60
HNHSS-FAA-04014	4	8	14	60
HNHSS-FAA-05014	5	8	14	60
HNHSS-FAA-06014	6	8	14	60
HNHSS-FAA-07014	7	8	14	60
HNHSS-FAA-04014L	4	8	14	80
HNHSS-FAA-05014L	5	8	14	80
HNHSS-FAA-06014L	6	8	14	80
HNHSS-FAA-07014L	7	8	14	80
HNHSS-FAA-04114L	4	8	14(35)	80
HNHSS-FAA-05114L	5	8	14(35)	80
HNHSS-FAA-06114L	6	8	14(35)	80
HNHSS-FAA-07114L	7	8	14(35)	80
HNHSS-FAA-08014	8	8	14	80
HNHSS-FAA-08020	8	8	20	80
HNHSS-FAA-05016XL	5	8	16	100
HNHSS-FAA-06016XL	6	8	16	100
HNHSS-FAA-05116XL	5	8	16(45)	100
HNHSS-FAA-06116XL	6	8	16(45)	100
HNHSS-FAA-08016L	8	8	16	100
HNHSS-FAA-08030L	8	8	30	100
HNHSS-FAA-08130L	8	8	30(70)	100
HNHSS-FAA-08230L	8	8	30(55)	100
HNHSS-FAA-08030XL	8	8	30	120
HNHSS-FAA-100	10	10	14	80
HNHSS-FAA-100L	10	10	30	100
HNHSS-FAA-100XL	10	10	30	120
HNHSS-FAA-120	12	12	16	80
HNHSS-FAA-120L	12	12	30	100
HNHSS-FAA-120XL	12	12	30	120



HNK44-FAA

K44 Material
Single Flute Spiral End Mill For Aluminum Alloy



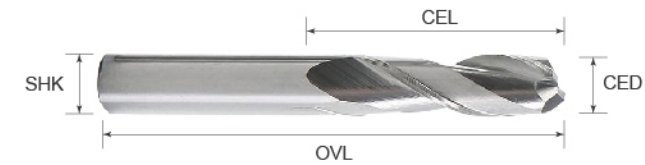
●Suitable for Aluminium alloy doors and windows, curtain walls, plastic steel profiles, aluminium panels, etc.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HNK44-FAA-03012	3	8	12	60
HNK44-FAA-04014	4	8	14	60
HNK44-FAA-05014	5	8	14	60
HNK44-FAA-06014	6	8	14	60
HNK44-FAA-07014	7	8	14	60
HNK44-FAA-04014L	4	8	14	80
HNK44-FAA-05014L	5	8	14	80
HNK44-FAA-06014L	6	8	14	80
HNK44-FAA-07014L	7	8	14	80
HNK44-FAA-04114L	4	8	14(35)	80
HNK44-FAA-05114L	5	8	14(35)	80
HNK44-FAA-06114L	6	8	14(35)	80
HNK44-FAA-07114L	7	8	14(35)	80
HNK44-FAA-08014	8	8	14	80
HNK44-FAA-08020	8	8	20	80
HNK44-FAA-05016XL	5	8	16	100
HNK44-FAA-06016XL	6	8	16	100
HNK44-FAA-05116XL	5	8	16(45)	100
HNK44-FAA-06116XL	6	8	16(45)	100
HNK44-FAA-08016L	8	8	16	100
HNK44-FAA-08030L	8	8	30	100
HNK44-FAA-08130L	8	8	30(70)	100
HNK44-FAA-08230L	8	8	30(55)	100
HNK44-FAA-08030XL	8	8	30	120
HNK44-FAA-100	10	10	14	80
HNK44-FAA-100L	10	10	30	100
HNK44-FAA-100XL	10	10	30	120
HNK44-FAA-120	12	12	16	80
HNK44-FAA-120L	12	12	30	100
HNK44-FAA-120XL	12	12	30	120

HN1A-FG2

Solid Carbide Double Flutes Spiral End Mill



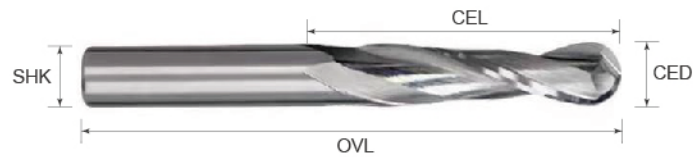
- Suitable for processing Acrylic, PVC, Hardwood.
- High durability

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN1A-FG2-01004	1	3.175	4	38
HN1A-FG2-01506	1.5	3.175	6	38
HN1A-FG2-01508	1.5	3.175	8	38
HN1A-FG2-01512	1.5	3.175	12	38
HN1A-FG2-02008	2	3.175	8	38
HN1A-FG2-02012	2	3.175	12	38
HN1A-FG2-02015	2	3.175	15	38
HN1A-FG2-02017	2	3.175	17	38
HN1A-FG2-02022	2	3.175	22	45
HN1A-FG2-02508	2.5	3.175	8	38
HN1A-FG2-02512	2.5	3.175	12	38
HN1A-FG2-02515	2.5	3.175	15	38
HN1A-FG2-02517	2.5	3.175	17	38
HN1A-FG2-02522	2.5	3.175	22	45
HN1A-FG2-03108	3.175	3.175	8	38
HN1A-FG2-03112	3.175	3.175	12	38
HN1A-FG2-03115	3.175	3.175	15	38
HN1A-FG2-03117	3.175	3.175	17	38
HN1A-FG2-03122	3.175	3.175	22	38
HN1A-FG2-03125	3.175	3.175	25	45
HN1A-FG2-03128	3.175	3.175	28	45
HN1A-FG2-03132	3.175	3.175	32	50
HN1A-FG2-03142	3.175	3.175	42	65
HN1A-FG2-03152	3.175	3.175	52	75
HN1A-FG2-04008	4	4	8	45
HN1A-FG2-04012	4	4	12	45
HN1A-FG2-04017	4	4	17	45
HN1A-FG2-04022	4	4	22	45
HN1A-FG2-04025	4	4	25	45
HN1A-FG2-04028	4	4	28	50
HN1A-FG2-04032	4	4	32	55
HN1A-FG2-04042	4	4	42	70
HN1A-FG2-04052	4	4	52	80
HN1A-FG2-05017	5	5	17	50
HN1A-FG2-05022	5	5	22	50
HN1A-FG2-05025	5	5	25	50
HN1A-FG2-05028	5	5	28	55
HN1A-FG2-05032	5	5	32	55
HN1A-FG2-06012	6	6	12	50
HN1A-FG2-06017	6	6	17	50
HN1A-FG2-06022	6	6	22	50
HN1A-FG2-06025	6	6	25	50
HN1A-FG2-06028	6	6	28	60
HN1A-FG2-06032	6	6	32	60
HN1A-FG2-06042	6	6	42	70
HN1A-FG2-06052	6	6	52	80
HN1A-FG2-06062	6	6	62	100
HN1A-FG2-08025	8	8	25	60
HN1A-FG2-08032	8	8	32	60
HN1A-FG2-08042	8	8	42	75
HN1A-FG2-08052	8	8	52	90
HN1A-FG2-10032	10	10	32	75
HN1A-FG2-10042	10	10	42	80
HN1A-FG2-10052	10	10	52	100
HN1A-FG2-10062	10	10	62	110

HN1A-BB2

Solid Carbide Double Flutes Spiral BallNose End Mill

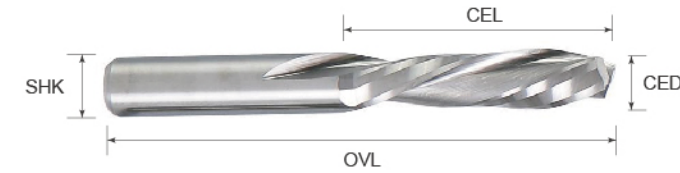


●Suitable for processing Acrylic, PVC, Hardwood.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN1A-BB2-01004	1	3.175	4	38
HN1A-BB2-01507	1.5	3.175	7	38
HN1A-BB2-02008	2	3.175	8	38
HN1A-BB2-02012	2	3.175	12	38
HN1A-BB2-02017	2	3.175	17	38
HN1A-BB2-02022	2	3.175	22	45
HN1A-BB2-02508	2.5	3.175	8	38
HN1A-BB2-02512	2.5	3.175	12	38
HN1A-BB2-02517	2.5	3.175	17	38
HN1A-BB2-02522	2.5	3.175	22	45
HN1A-BB2-03108	3.175	3.175	8	38
HN1A-BB2-03112	3.175	3.175	12	38
HN1A-BB2-03115	3.175	3.175	15	38
HN1A-BB2-03117	3.175	3.175	17	38
HN1A-BB2-03122	3.175	3.175	22	38
HN1A-BB2-03125	3.175	3.175	25	45
HN1A-BB2-03128	3.175	3.175	28	55
HN1A-BB2-03132	3.175	3.175	32	55
HN1A-BB2-04012	4	4	12	45
HN1A-BB2-04017	4	4	17	45
HN1A-BB2-04022	4	4	22	45
HN1A-BB2-04025	4	4	25	45
HN1A-BB2-04028	4	4	28	50
HN1A-BB2-04032	4	4	32	55
HN1A-BB2-05022	5	5	22	50
HN1A-BB2-04042	4	4	42	70
HN1A-BB2-04052	4	4	52	80
HN1A-BB2-06012	6	6	12	50
HN1A-BB2-06017	6	6	17	50
HN1A-BB2-06022	6	6	22	50
HN1A-BB2-06025	6	6	25	50
HN1A-BB2-06028	6	6	28	60
HN1A-BB2-06032	6	6	32	60
HN1A-BB2-06042	6	6	42	70
HN1A-BB2-06052	6	6	52	80
HN1A-BB2-08025	8	8	25	60
HN1A-BB2-08032	8	8	32	60
HN1A-BB2-08042	8	8	42	75
HN1A-BB2-08052	8	8	52	90
HN1A-BB2-10032	10	10	32	75
HN1A-BB2-10042	10	10	42	80
HN1A-BB2-10052	10	10	52	100
HN1A-BB2-10062	10	10	62	110

HN3A-LD2

Solid Carbide Double Flutes
Left Rotation Down Cut Spiral End Mill

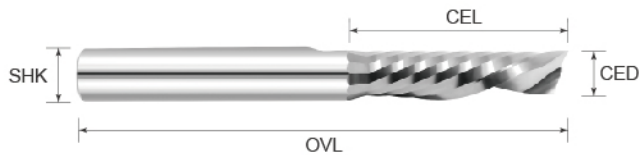
●Suitable for processing MDG,Multilayer,Board Plywood

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN3A-LD2-01003	1	3.175	3	38
HN3A-LD2-01507	1.5	3.175	7	38
HN3A-LD2-02008	2	3.175	8	38
HN3A-LD2-02012	2	3.175	12	38
HN3A-LD2-02512	2.5	3.175	12	38
HN3A-LD2-03112	3.175	3.175	12	38
HN3A-LD2-03115	3.175	3.175	15	38
HN3A-LD2-03117	3.175	3.175	17	38
HN3A-LD2-03122	3.175	3.175	22	45
HN3A-LD2-04017	4	4	17	45
HN3A-LD2-04022	4	4	22	45
HN3A-LD2-04025	4	4	25	50
HN3A-LD2-04032	4	4	32	60
HN3A-LD2-06017	6	6	17	50
HN3A-LD2-06022	6	6	22	50
HN3A-LD2-06025	6	6	25	50
HN3A-LD2-06032	6	6	32	60
HN3A-LD2-08025	8	8	25	60
HN3A-LD2-08035	8	8	35	70
HN3A-LD2-08045	8	8	45	80
HN3A-LD2-10035	10	10	35	80
HN3A-LD2-10045	10	10	45	100
HN3A-LD2-10055	10	10	55	100
HN3A-LD2-12045	12	12	45	100
HN3A-LD2-12055	12	12	55	100

HN3A-UD

Solid Carbide Single Flute Up&Down Cut Spiral End Mill



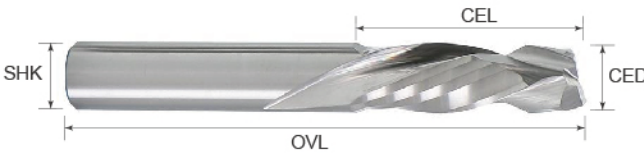
●Suitable for processing PVC,Lotus board,Soft wood and Composite board.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN3A-UD-0312	3.175	3.175	12	38
HN3A-UD-0315	3.175	3.175	15	38
HN3A-UD-0317	3.175	3.175	17	38
HN3A-UD-0322	3.175	3.175	22	45
HN3A-UD-0417	4	4	17	45
HN3A-UD-0422	4	4	22	45
HN3A-UD-0425	4	4	25	50
HN3A-UD-0432	4	4	32	60
HN3A-UD-0517	5	5	17	50
HN3A-UD-0522	5	5	22	50
HN3A-UD-0617	6	6	17	50
HN3A-UD-0622	6	6	22	50
HN3A-UD-0625	6	6	25	50
HN3A-UD-0632	6	6	32	60
HN3A-UD-0825	8	8	25	60
HN3A-UD-0835	8	8	35	80
HN3A-UD-0845	8	8	45	80
HN3A-UD-1035	10	10	35	75
HN3A-UD-1045	10	10	45	90
HN3A-UD-1052	10	10	52	100

HN3A-UD2

Solid Carbide Double Flutes Up&Down Cut Spiral End Mill



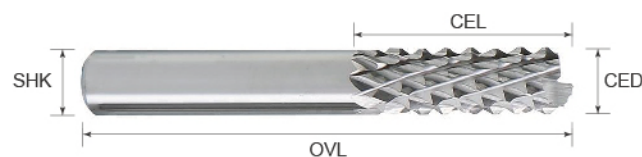
●Suitable for processing MDF,Board with lagging,log.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN3A-UD2-0312	3.175	3.175	12	38
HN3A-UD2-0315	3.175	3.175	15	38
HN3A-UD2-0317	3.175	3.175	17	38
HN3A-UD2-0322	3.175	3.175	22	45
HN3A-UD2-0417	4	4	17	45
HN3A-UD2-0422	4	4	22	45
HN3A-UD2-0425	4	4	25	50
HN3A-UD2-0432	4	4	32	60
HN3A-UD2-0517	5	5	17	50
HN3A-UD2-0522	5	5	22	50
HN3A-UD2-0617	6	6	17	50
HN3A-UD2-0622	6	6	22	50
HN3A-UD2-0625	6	6	25	50
HN3A-UD2-0632	6	6	32	60
HN3A-UD2-0825	8	8	25	60
HN3A-UD2-0835	8	8	35	80
HN3A-UD2-0845	8	8	45	80
HN3A-UD2-1035	10	10	35	75
HN3A-UD2-1045	10	10	45	90
HN3A-UD2-1052	10	10	52	100

HN2A-CT

PCB Corn Teeth End Mill



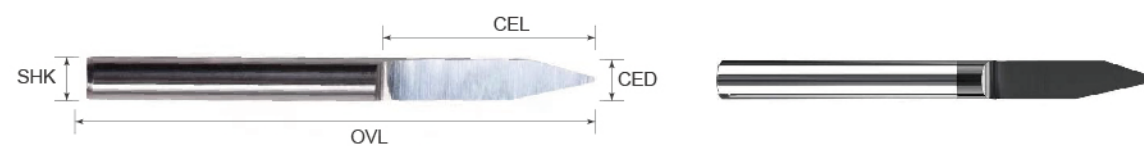
- Suitable for processing Circuit board,High density fiber board (HDF),Hard wood, Carbon fiber,Fiber glass,HDF composite board.

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN2A-CT-00802	0.8	3.175	6	38
HN2A-CT-01007	1	3.175	7	38
HN2A-CT-01207	1.2	3.175	7	38
HN2A-CT-01508	1.5	3.175	8	38
HN2A-CT-01809	1.8	3.175	9	38
HN2A-CT-02010	2	3.175	10	38
HN2A-CT-02512	2.5	3.175	12	38
HN2A-CT-03112	3.175	3.175	12	38
HN2A-CT-03117	3.175	3.175	17	38
HN2A-CT-03122	3.175	3.175	22	45
HN2A-CT-03125	3.175	3.175	25	45
HN2A-CT-04017	4	4	17	45
HN2A-CT-04022	4	4	22	45
HN2A-CT-04025	4	4	25	50
HN2A-CT-04028	4	4	28	50
HN2A-CT-04032	4	4	32	55
HN2A-CT-06022	6	6	22	50
HN2A-CT-06025	6	6	25	50
HN2A-CT-06028	6	6	28	60
HN2A-CT-06032	6	6	32	60
HN2A-CT-06042	6	6	42	75
HN2A-CT-06052	6	6	52	85
HN2A-CT-08025	8	8	25	60
HN2A-CT-08035	8	8	35	75
HN2A-CT-08042	8	8	42	75
HN2A-CT-08052	8	8	52	90
HN2A-CT-10042	10	10	42	75
HN2A-CT-10052	10	10	52	100
HN2A-CT-12045	12	12	45	100
HN2A-CT-12055	12	12	55	100

HN2A-BE

Solid Carbide Bottom Engraving Bit



- Suitable for Double-color board,ABS Board,Acrylic,PVC , Aluminum, copper, iron etc.
- Engraving of plates and cutting of sheets.

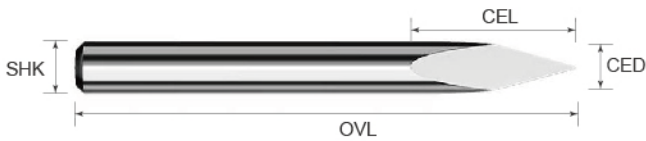
unit:mm

Order NO.	CED	SHK	OVL	Angle
HN2A-BE-31001	0.1	3.175	33	10
HN2A-BE-31002	0.2	3.175	33	10
HN2A-BE-31003	0.3	3.175	33	10
HN2A-BE-31501	0.1	3.175	33	15
HN2A-BE-31502	0.2	3.175	33	15
HN2A-BE-31503	0.3	3.175	33	15
HN2A-BE-32001	0.1	3.175	33	20
HN2A-BE-32002	0.2	3.175	33	20
HN2A-BE-32003	0.3	3.175	33	20
HN2A-BE-32004	0.4	3.175	33	20
HN2A-BE-32005	0.5	3.175	33	20
HN2A-BE-32008	0.8	3.175	33	20
HN2A-BE-32010	1	3.175	33	20
HN2A-BE-33001	0.1	3.175	33	30
HN2A-BE-33002	0.2	3.175	33	30
HN2A-BE-33003	0.3	3.175	33	30
HN2A-BE-33004	0.4	3.175	33	30
HN2A-BE-33005	0.5	3.175	33	30
HN2A-BE-33008	0.8	3.175	33	30
HN2A-BE-33010	1	3.175	33	30
HN2A-BE-34501	0.1	3.175	33	45
HN2A-BE-34502	0.2	3.175	33	45
HN2A-BE-34503	0.3	3.175	33	45
HN2A-BE-34504	0.4	3.175	33	45
HN2A-BE-34505	0.5	3.175	33	45
HN2A-BE-36001	0.1	3.175	33	60
HN2A-BE-36002	0.2	3.175	33	60
HN2A-BE-36003	0.3	3.175	33	60
HN2A-BE-36004	0.4	3.175	33	60
HN2A-BE-36005	0.5	3.175	33	60
HN2A-BE-39001	0.1	3.175	33	90
HN2A-BE-39002	0.2	3.175	33	90
HN2A-BE-39003	0.3	3.175	33	90
HN2A-BE-39004	0.4	3.175	33	90
HN2A-BE-39005	0.5	3.175	33	90
HN2A-BE-42001	0.1	4	40	20
HN2A-BE-42002	0.2	4	40	20
HN2A-BE-42003	0.3	4	40	20
HN2A-BE-42004	0.4	4	40	20
HN2A-BE-42005	0.5	4	40	20
HN2A-BE-42008	0.8	4	40	20
HN2A-BE-42010	1	4	40	20
HN2A-BE-43001	0.1	4	40	30
HN2A-BE-43002	0.2	4	40	30
HN2A-BE-43003	0.3	4	40	30
HN2A-BE-43004	0.4	4	40	30
HN2A-BE-43005	0.5	4	40	30
HN2A-BE-43008	0.8	4	40	30
HN2A-BE-43010	1	4	40	30
HN2A-BE-44501	0.1	4	40	45
HN2A-BE-44502	0.2	4	40	45
HN2A-BE-44503	0.3	4	40	45
HN2A-BE-44504	0.4	4	40	45
HN2A-BE-44505	0.5	4	40	45
HN2A-BE-44508	0.8	4	40	45

Order NO.	CED	SHK	OVL	Angle
HN2A-BE-44510	1	4	40	45
HN2A-BE-46001	0.1	4	40	60
HN2A-BE-46002	0.2	4	40	60
HN2A-BE-46003	0.3	4	40	60
HN2A-BE-46004	0.4	4	40	60
HN2A-BE-46005	0.5	4	40	60
HN2A-BE-46008	0.8	4	40	60
HN2A-BE-46010	1	4	40	60
HN2A-BE-49001	0.1	4	40	90
HN2A-BE-49002	0.2	4	40	90
HN2A-BE-49003	0.3	4	40	90
HN2A-BE-49004	0.4	4	40	90
HN2A-BE-49005	0.5	4	40	90
HN2A-BE-49008	0.8	4	40	90
HN2A-BE-49010	1	4	40	90
HN2A-BE-62001	0.1	6	50	20
HN2A-BE-62002	0.2	6	45	20
HN2A-BE-62003	0.3	6	45	20
HN2A-BE-62004	0.4	6	45	20
HN2A-BE-62005	0.5	6	45	20
HN2A-BE-62008	0.8	6	45	20
HN2A-BE-62010	1	6	45	20
HN2A-BE-62020	2	6	45	20
HN2A-BE-63001	0.1	6	45	30
HN2A-BE-63002	0.2	6	45	30
HN2A-BE-63003	0.3	6	45	30
HN2A-BE-63004	0.4	6	45	30
HN2A-BE-63005	0.5	6	45	30
HN2A-BE-63008	0.8	6	45	30
HN2A-BE-63010	1	6	45	30
HN2A-BE-63020	2	6	45	30
HN2A-BE-64501	0.1	6	45	45
HN2A-BE-64502	0.2	6	45	45
HN2A-BE-64503	0.3	6	45	45
HN2A-BE-64504	0.4	6	45	45
HN2A-BE-64505	0.5	6	45	45
HN2A-BE-64508	0.8	6	45	45
HN2A-BE-64510	1	6	45	45
HN2A-BE-64520	2	6	45	45
HN2A-BE-66001	0.1	6	45	60
HN2A-BE-66002	0.2	6	45	60
HN2A-BE-66003	0.3	6	45	60
HN2A-BE-66004	0.4	6	45	60
HN2A-BE-66005	0.5	6	45	60
HN2A-BE-66008	0.8	6	45	60
HN2A-BE-66010	1	6	45	60
HN2A-BE-66020	2	6	45	60
HN2A-BE-69001	0.1	6	45	90
HN2A-BE-69002	0.2	6	45	90
HN2A-BE-69003	0.3	6	45	90
HN2A-BE-69004	0.4	6	45	90
HN2A-BE-69005	0.5	6	45	90
HN2A-BE-69008	0.8	6	45	90
HN2A-BE-69010	1	6	45	90
HN2A-BE-69020	2	6	45	90

HN1A-TF

Solid Carbide Engraving Bit with 3 faces



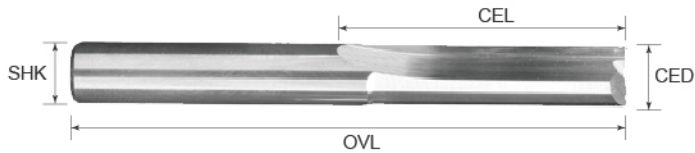
●Suitable for Copper,Steel,Marble etc.

unit:mm

Order NO.	CED	SHK	OVL	Angle
HN1A-TF-31501	0.1	3.175	33	15
HN1A-TF-32001	0.1	3.175	33	20
HN1A-TF-33001	0.1	3.175	33	30
HN1A-TF-34501	0.1	3.175	33	45
HN1A-TF-36001	0.1	3.175	33	60
HN1A-TF-39001	0.1	3.175	33	90
HN1A-TF-31501L	0.1	3.175	38	15
HN1A-TF-32001L	0.1	3.175	38	20
HN1A-TF-33001L	0.1	3.175	38	30
HN1A-TF-34501L	0.1	3.175	38	45
HN1A-TF-36001L	0.1	3.175	38	60
HN1A-TF-39001L	0.1	3.175	38	90
HN1A-TF-43001	0.1	4	40	30
HN1A-TF-44501	0.1	4	40	45
HN1A-TF-46001	0.1	4	40	60
HN1A-TF-49001	0.1	4	40	90
HN1A-TF-63001	0.1	6	50	30
HN1A-TF-64501	0.1	6	50	45
HN1A-TF-66001	0.1	6	50	60
HN1A-TF-69001	0.1	6	50	90

HN1A-SF2

Solid Carbide Double Fluets Straight Flute End Mill



●Suitable for processing MDF, Hardwood.
●Specifically for CNC engraving machine processing MDF material

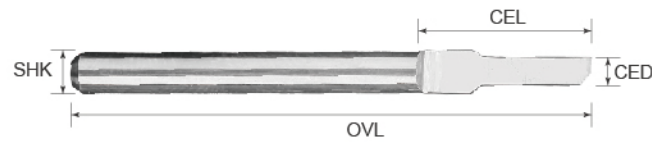
unit:mm

Order NO.	CED	SHK	CEL	OVL
HN1A-SF2-01003	1	3.175	3	38
HN1A-SF2-01507	1.5	3.175	7	38
HN1A-SF2-02008	2	3.175	8	38
HN1A-SF2-02012	2	3.175	12	38
HN1A-SF2-02017	2	3.175	17	38
HN1A-SF2-02512	2.5	3.175	12	38
HN1A-SF2-02515	2.5	3.175	15	38
HN1A-SF2-02517	2.5	3.175	17	38
HN1A-SF2-03108	3.175	3.175	8	38
HN1A-SF2-03112	3.175	3.175	12	38
HN1A-SF2-03115	3.175	3.175	15	38
HN1A-SF2-03117	3.175	3.175	17	38
HN1A-SF2-03122	3.175	3.175	22	45
HN1A-SF2-03125	3.175	3.175	25	50
HN1A-SF2-03128	3.175	3.175	28	50
HN1A-SF2-03132	3.175	3.175	32	55
HN1A-SF2-04012	4	4	12	45
HN1A-SF2-04017	4	4	17	45
HN1A-SF2-04022	4	4	22	45
HN1A-SF2-04025	4	4	25	50
HN1A-SF2-04028	4	4	28	50
HN1A-SF2-04032	4	4	32	55
HN1A-SF2-04042	4	4	42	65
HN1A-SF2-06017	6	6	17	50
HN1A-SF2-06022	6	6	22	50
HN1A-SF2-06025	6	6	25	50
HN1A-SF2-06028	6	6	28	60
HN1A-SF2-06032	6	6	32	60
HN1A-SF2-06042	6	6	42	70
HN1A-SF2-06052	6	6	52	80
HN1A-SF2-06062	6	6	62	100
HN1A-SF2-08025	8	8	25	60
HN1A-SF2-08032	8	8	32	60
HN1A-SF2-08042	8	8	42	75
HN1A-SF2-08052	8	8	52	90
HN1A-SF2-08062	8	8	62	100
HN1A-SF2-10032	10	10	32	75
HN1A-SF2-10042	10	10	42	80
HN1A-SF2-10052	10	10	52	100
HN1A-SF2-10062	10	10	62	110

A

HN1A-SS

Solid Carbide Semi-open Single Flute Straight Cutter



- Suitable for soft material like bi-color panels, ABS, wood block, PVC.
- can be used to conduct graphic engraving

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN1A-SS-31003	1	3.175	3	33
HN1A-SS-31505	1.5	3.175	5	33
HN1A-SS-32006	2	3.175	6	33
HN1A-SS-32008	2	3.175	8	33
HN1A-SS-32508	2.5	3.175	8	33
HN1A-SS-33009	3	3.175	9	33
HN1A-SS-33012	3	3.175	12	33
HN1A-SS-31003L	1	3.175	3	38
HN1A-SS-31505L	1.5	3.175	5	38
HN1A-SS-32006L	2	3.175	6	38
HN1A-SS-32008L	2	3.175	8	38
HN1A-SS-32508L	2.5	3.175	8	38
HN1A-SS-33009L	3	3.175	9	38
HN1A-SS-33012L	3	3.175	12	38

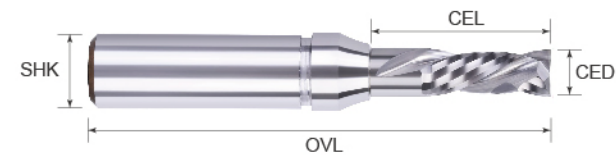
B

C

D

HN-TUD2

TCT Double Flutes UP&Down Cut Spiral End Mill



- Suitable for 2D engraving, cutting veneered Density Board, plywood

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN-TUD2-006020-Ls48	6	12.7	20	71
HN-TUD2-006022-Ls48	6	12.7	22	73
HN-TUD2-006026-Ls48	6	12.7	26	77
HN-TUD2-006028-Ls48	6	12.7	28	79
HN-TUD2-006030-Ls48	6	12.7	30	81
HN-TUD2-008020-Ls48	8	12.7	20	71
HN-TUD2-008022-Ls48	8	12.7	22	73
HN-TUD2-008026-Ls48	8	12.7	26	77
HN-TUD2-008028-Ls52	8	12.7	28	79
HN-TUD2-008030-Ls52	8	12.7	30	81
HN-TUD2-008032-Ls52	8	12.7	32	87
HN-TUD2-008035-Ls52	8	12.7	35	90

HN-SM

TCT 3Flutes Carbide Straight Flute End Mill



- Suitable for 2D Engraving, Cutting, MDF, Hardwoods

unit:mm

Order NO.	CED	SHK	CEL	OVL
HN-SM-006020-Ls48	6	12.7	20	71
HN-SM-006022-Ls48	6	12.7	22	73
HN-SM-006026-Ls48	6	12.7	26	77
HN-SM-006028-Ls48	6	12.7	28	79
HN-SM-006030-Ls48	6	12.7	30	81
HN-SM-008020-Ls48	8	12.7	20	71
HN-SM-008022-Ls48	8	12.7	22	73
HN-SM-008026-Ls48	8	12.7	26	77
HN-SM-008028-Ls48	8	12.7	28	79
HN-SM-008030-Ls48	8	12.7	30	81
HN-SM-008032-Ls52	8	12.7	32	87
HN-SM-008035-Ls52	8	12.7	35	90
HN-SM-010020-Ls52	10	12.7	20	75
HN-SM-010022-Ls52	10	12.7	22	77
HN-SM-010025-Ls52	10	12.7	25	80
HN-SM-010030-Ls52	10	12.7	30	85
HN-SM-010032-Ls52	10	12.7	32	87
HN-SM-010035-Ls52	10	12.7	35	90
HN-SM-010040-Ls52	10	12.7	40	95
HN-SM-010050-Ls52	10	12.7	50	105

A

B

C

D

A

HN CARBIDE

HN1A-BP

Bottom-processing Cutter



●Suitable for Organic board, density board, wood, PVC

unit:mm

Order NO.	SHK	WIDTH
HN1A-BP-0610	6	10
HN1A-BP-0616	6	16
HN1A-BP-0622	6	22
HN1A-BP-0625	6	25
HN1A-BP-0632	6	32
HN1A-BP-1210	12.7	10
HN1A-BP-1216	12.7	16
HN1A-BP-1222	12.7	22
HN1A-BP-1225	12.7	25
HN1A-BP-1232	12.7	32

B



C



D

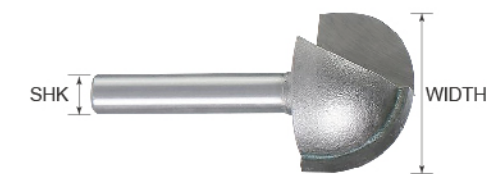


A22

HN CARBIDE

HN1A-RB

Round bottom Cutter



●Suitable for Organic board, density board, wood, PVC

unit:mm

Order NO.	SHK	WIDTH
HN1A-RB-0612	6	12
HN1A-RB-0616	6	16
HN1A-RB-0622	6	22
HN1A-RB-0625	6	25
HN1A-RB-0632	6	32

B



C



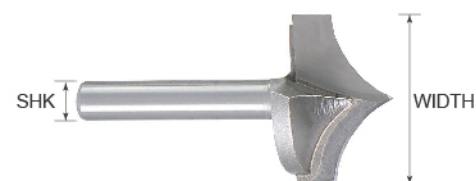
D



A23

HN1A-SK

Internal Arc Pointed Cutter



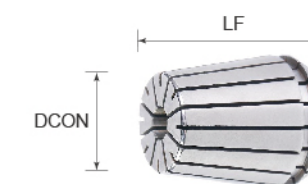
●Suitable for Organic board, density board, wood, PVC

unit:mm

Order NO.	SHK	WIDTH
HN1A-SK-0612	6	12
HN1A-SK-0616	6	16
HN1A-SK-0622	6	22
HN1A-SK-0625	6	25
HN1A-SK-0632	6	32

ER

ER Collet



●Specialised ER shanks for engraving machines
 ●precision:0.008

unit:mm

Order NO.	DCON	LF	Inner dia
ER11	11.5	18	3.0-7.0
ER16	17	27	3.0-10.0
ER20	21	31	3.0-13.0
ER25	26	35	3.0-16.0
ER32	33	40	3.0-20.0
ER40	41	46	8.0-25.0