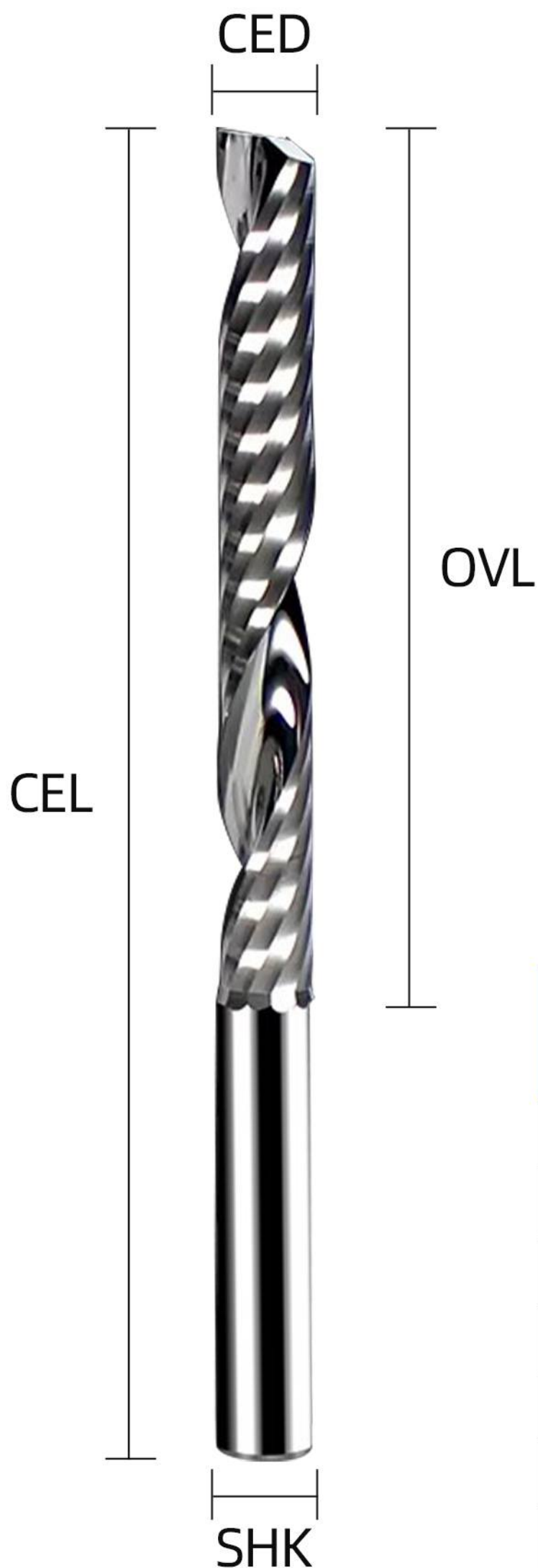


Acrylic Single Edge Milling Cutter



Applicable Materials:

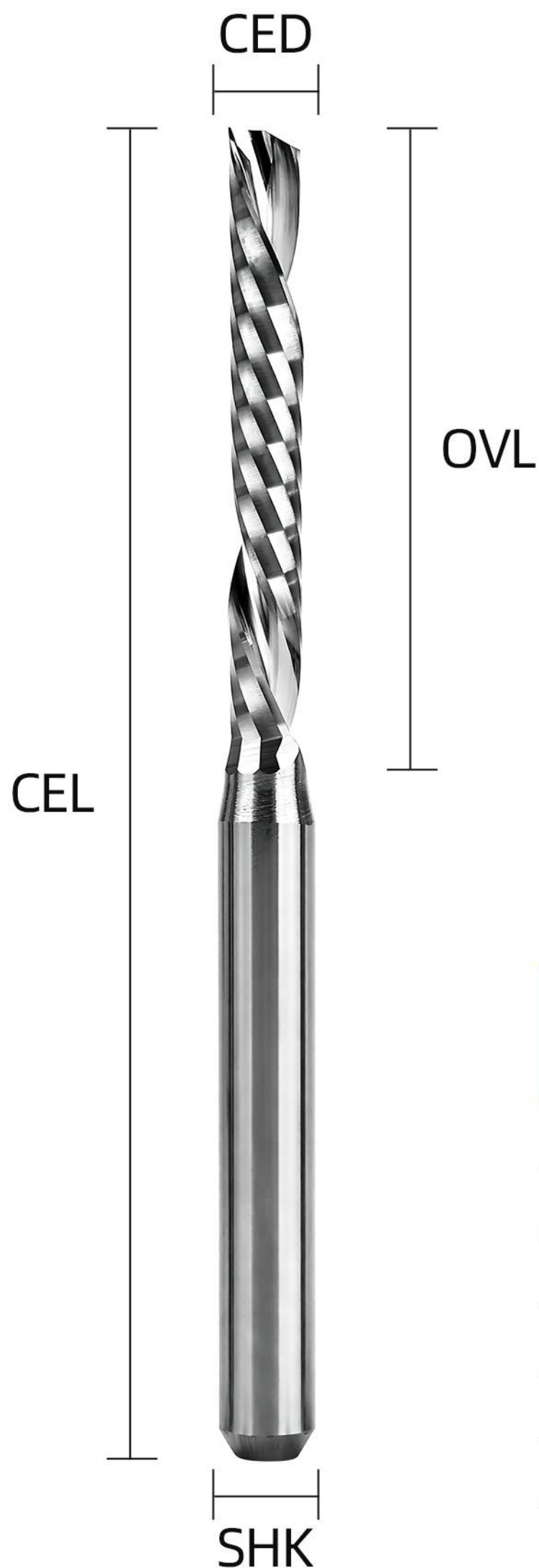
Acrylic, PVC, plastic sheets,
aluminum-plastic panels,
resin, nylon,
MDF and various types of wood.

Applicable Machines:

Machine tools,
advertising engraving machines,
CNC machining centers,
computerized carving machines, etc.

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	1-3.175	3-52	38-80
4	4	12-42	45-70
5	5	22-25	45-50
6	2-6	12-62	50-100
8	8	22-100	60-150
10	10	32-100	65-150
12	12	25-100	75-150

Single Edge Left Spiral Milling Cutter



Applicable Materials:

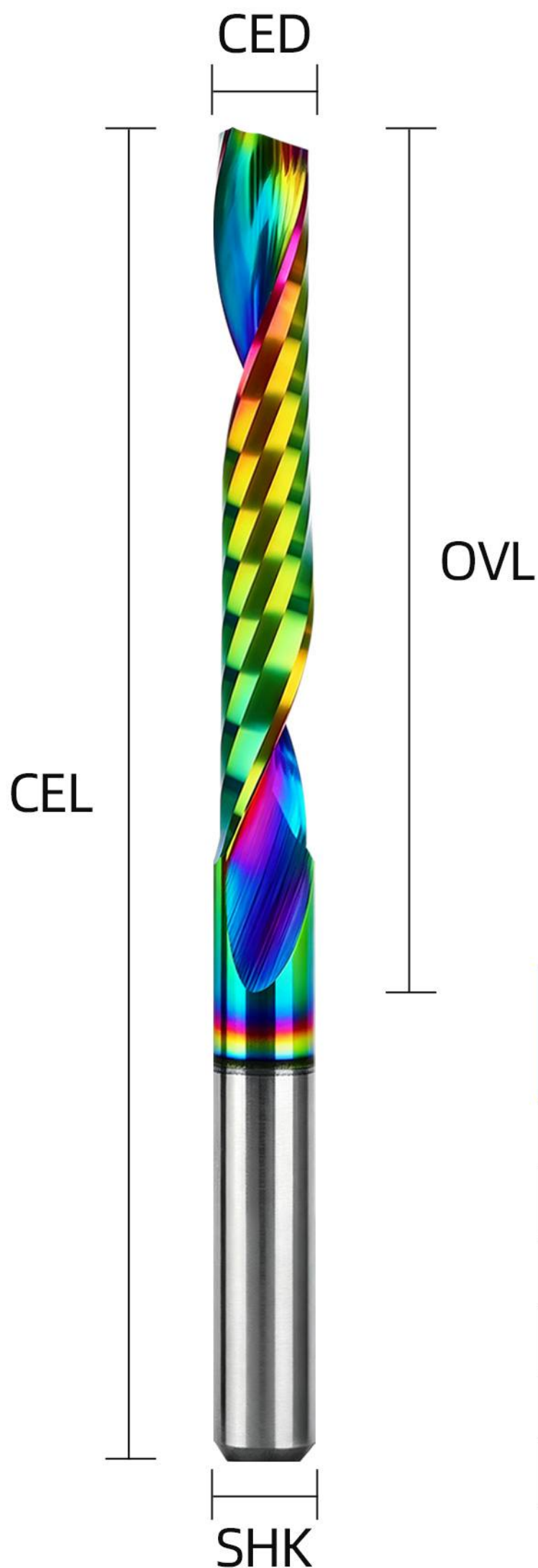
Acrylic, PVC
aluminum-plastic composite panel
resin, nylon, thin wood board
density fiberboard (MDF), etc.

Applicable Machines:

Advertising CNC routers
CNC milling machines
CNC machining centers,
computer-controlled engraving
machines

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	1-3.175	3-32	38-55
4	4	12-32	45-55
5	5	12-32	45-60
6	6	12-42	50-70
8	8	17-42	55-80
10	10	22-32	60-70

Rainbow Single-Flute Right-Hand Spiral End Mill



Applicable Materials:

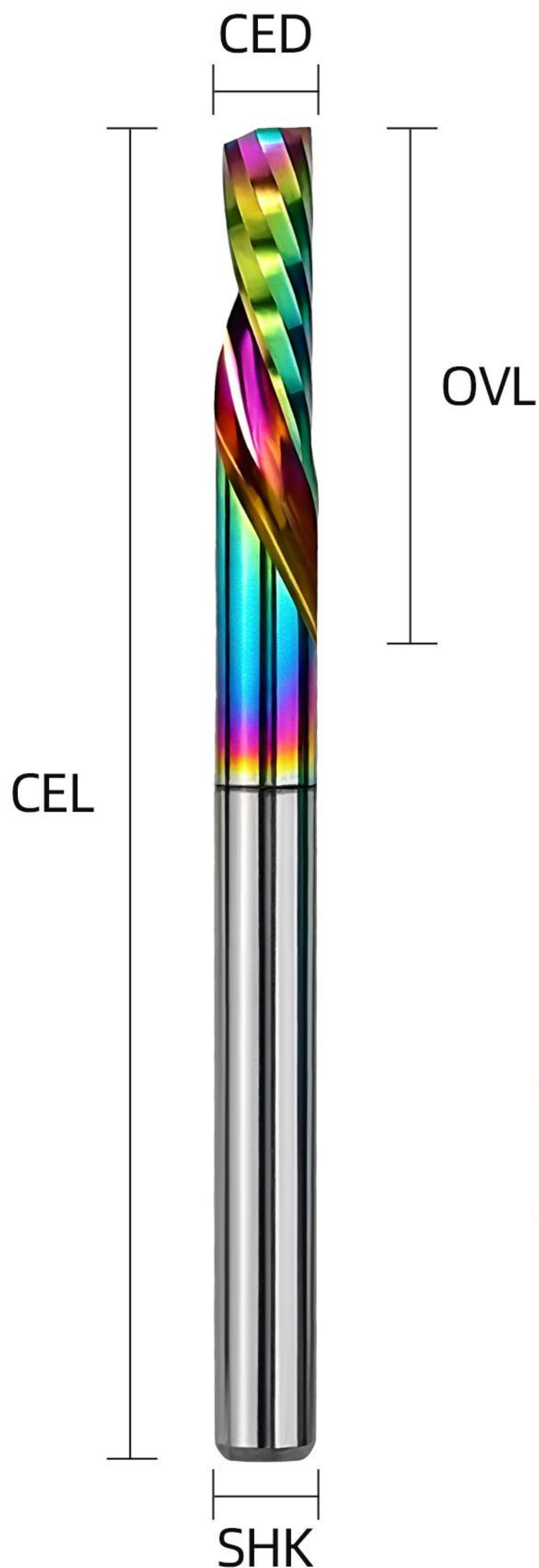
Acrylic, PVC
aluminum-plastic composite panel
resin, nylon, thin wood board
density fiberboard (MDF), etc.

Applicable Machines:

Advertising CNC routers
CNC milling machines
CNC machining centers,
computer-controlled engraving
machines

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	3.175	12-32	38-55
4	4	12-42	40-70
6	6	22-82	45-120
8	8	25-100	50-150
10	10	32-100	70-150
12	12	42-100	75-150

Color-coated Single Flute Left Spiral Router Bit



Applicable Materials:

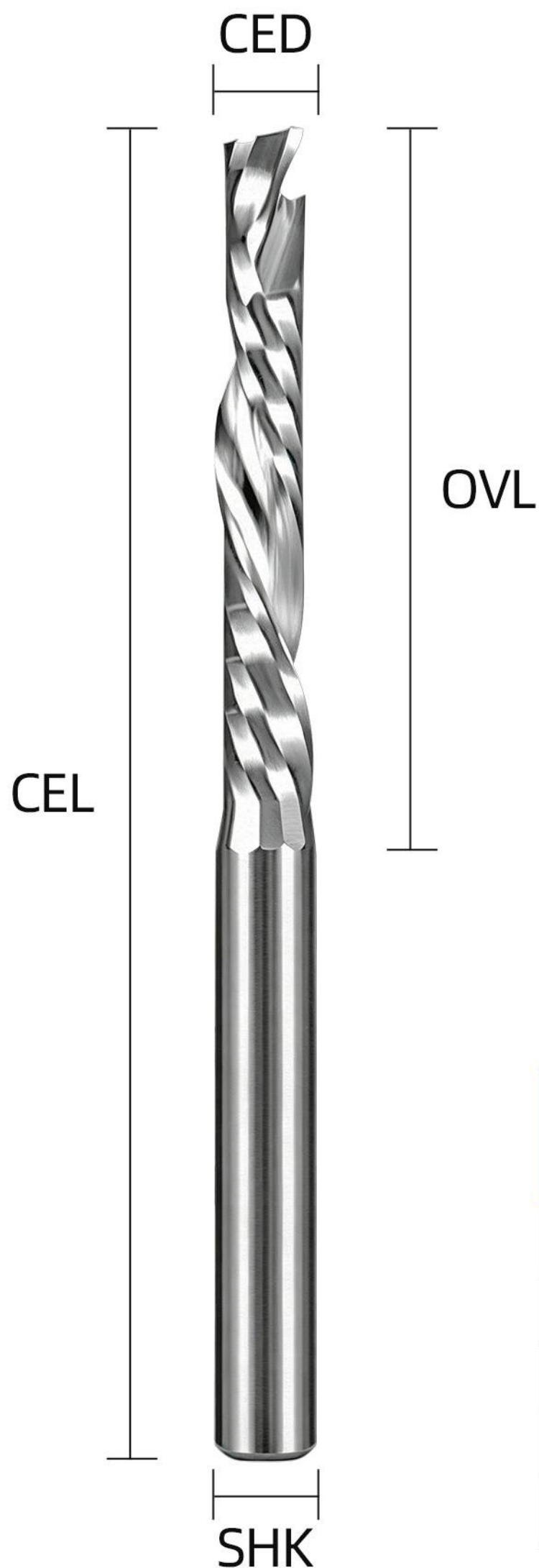
Acrylic, PVC
aluminum-plastic composite panel
resin, nylon, thin wood board
density fiberboard (MDF), etc.

Applicable Machines:

Advertising CNC routers
CNC milling machines
CNC machining centers,
computer-controlled engraving
machines

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	3.175	17-22	38-45
4	4	12-32	45-55
6	6	22-25	50

Single-Flute Compression End Mill



Applicable Materials:

Acrylic, PVC,
aluminum composite panel (ACP),
plywood,
MDF (medium-density fiberboard),
particle board,
and various wood-based panels.

Applicable Machines:

CNC nesting machines,
advertising engraving machines,
and CNC machining centers.

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	2-3.175	12-32	38-55
4	4	12-32	45-55
5	5	22-28	45-50
6	6	17-32	50-60
8	8	25-42	60-80

Rainbow Single-Flute Compression End Mill



Applicable Materials:

Acrylic, PVC,
aluminum composite panel (ACP),
plywood,
MDF (medium-density fiberboard),
particle board,
and various wood-based panels.

Applicable Machines:

CNC nesting machines,
advertising engraving machines,
and CNC machining centers.

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	2-3.175	12-32	38-55
4	4	12-32	45-55
5	5	22-28	45-50
6	6	17-32	50-60
8	8	25-42	60-80

2 Flute Left-Hand Spiral End Mill



Applicable Materials:

Hardwood, MDF, plywood, thick acrylic, aluminum profiles, copper, carbon fiber, fiberglass board, etc.

Applicable Machines:

CNC wood cutting machines, CNC routers, CNC moulders, small CNC machining centers, etc.

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	1.5-3.175	6-32	38-55
4	4	22-25	45-50
5	5	35	65
6	6	17-32	50-60
8	8	32	60

2-flute right-hand spiral end mill



Applicable Materials:

Hardwood, solid wood
aluminum profiles
thick acrylic sheets
multi-layer boards
carbon fiber boards, brass, etc.

Applicable Machines:

CNC wood cutting machines
CNC engraving machines
CNC routing machines
small CNC machining centers, etc.

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	1-3.175	6-32	38-55
4	4	12-42	45-65
5	5	22-32	45-55
6	6	17-62	45-100
8	8	25-100	60-150
10	10	32-100	65-150
12	12	32-100	70-150

2-Flute Left-Hand Spiral Rainbow Coated End Mill



Applicable Materials:

Hardwood, MDF, plywood
thick acrylic, aluminum profiles
copper, carbon fiber
fiberglass board, etc.

Applicable Machines:

CNC wood cutting machines
CNC routers, CNC moulders
small CNC machining centers, etc.

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	3.175	12-22	38
4	4	12-25	40-50
6	6	17-25	45-50

2-Flute Composite Cutting Edge End Mill



Applicable Materials:

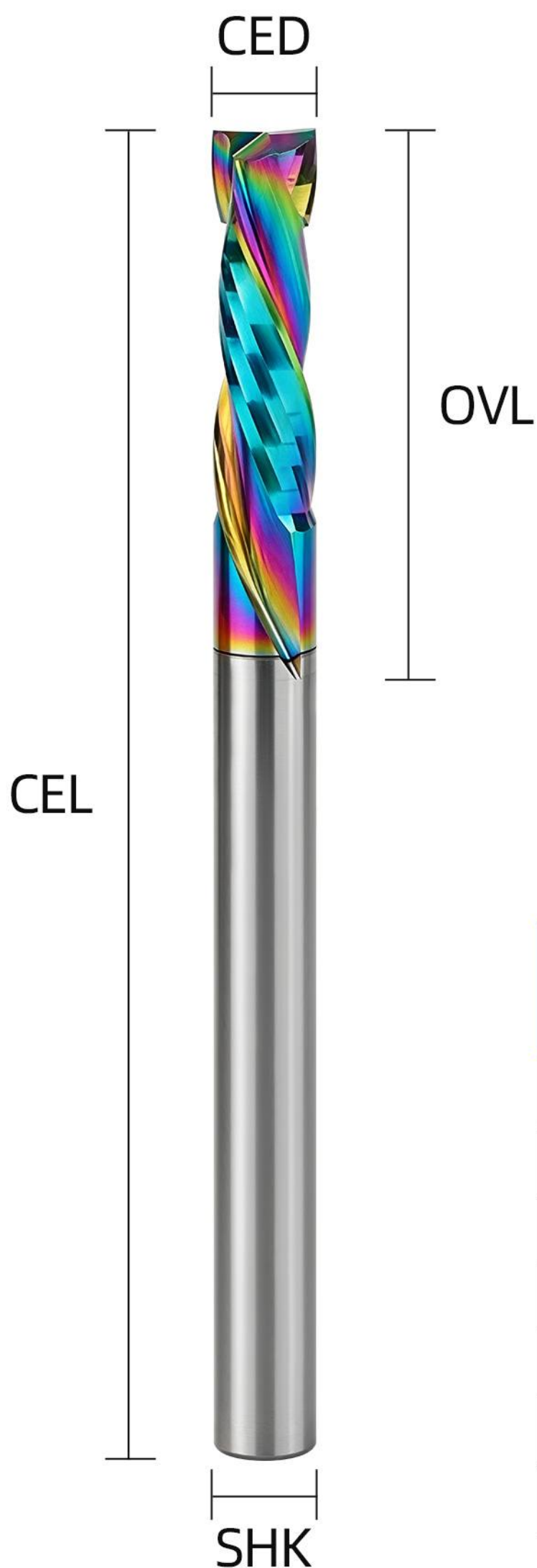
MDF board, particle board
multi-layer board, ecological board
walnut wood, softwood
thick acrylic sheet, PVC board, etc.

Applicable Machines:

CNC wood cutting machine
CNC engraving machine
CNC routing machine
small CNC machining center, etc.

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	3.175	12-22	38-50
4	4	17-32	45-65
5	5	22-25	50
6	6	17-42	50-75
8	8	22-52	60-80
10	10	45	80
12	12	42-45	75-100

Rainbow Coated 2-Flute Composite Cutting Edge End Mill



Applicable Materials:

MDF board, particle board
multi-layer board, ecological board
walnut wood, softwood
thick acrylic sheet, PVC board
aluminum profiles etc.

Applicable Machines:

CNC wood cutting machine
CNC engraving machine
CNC routing machine
small CNC machining center, etc.

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	3.175	17-22	45-50
4	4	17-32	45-65
5	5	25	50
6	6	22-32	50-60
8	8	22-42	60-80
10	10	45	80
12	12	45	100

2-Flute Spiral Tapered End Mill



Applicable Materials:

high & medium density fiberboard
particle board
multi-layer board, natural hardwood
softwood, acrylic sheet
resin board, etc.

Applicable Machines:

advertising CNC engraving machine
CNC wood cutting machine
small CNC machining center

Shank diameter (mm)	Tip Radius (mm)	Cutting length (mm)	Overall length (mm)
3.175	0.25-1.0	15	38
4	0.25-1.0	20	50
6	0.25-2.5	20-60	50-120
8	0.5-3.0	35-80	70-120
10	1.0-3	60-80	100-120
12	1.0-3.0	35-100	75-150

Black Coated 2-Flute Spiral Tapered End Mill



Applicable Materials:

high & medium density fiberboard
particle board
multi-layer board, natural hardwood
softwood, acrylic sheet
resin board, etc.

Applicable Machines:

advertising CNC engraving machine
CNC wood cutting machine
small CNC machining center

Shank diameter (mm)	Tip Radius (mm)	Cutting length (mm)	Overall length (mm)
3.175	0.25-1.0	15	38
4	0.25-1.0	20	50
6	0.25-2.5	20-60	50-120
8	0.5-3.0	35-80	70-120
10	1.0-3	60-80	100-120
12	1.0-3.0	35-100	75-150

2-Flute Spiral Ball End Mill



Applicable Materials:

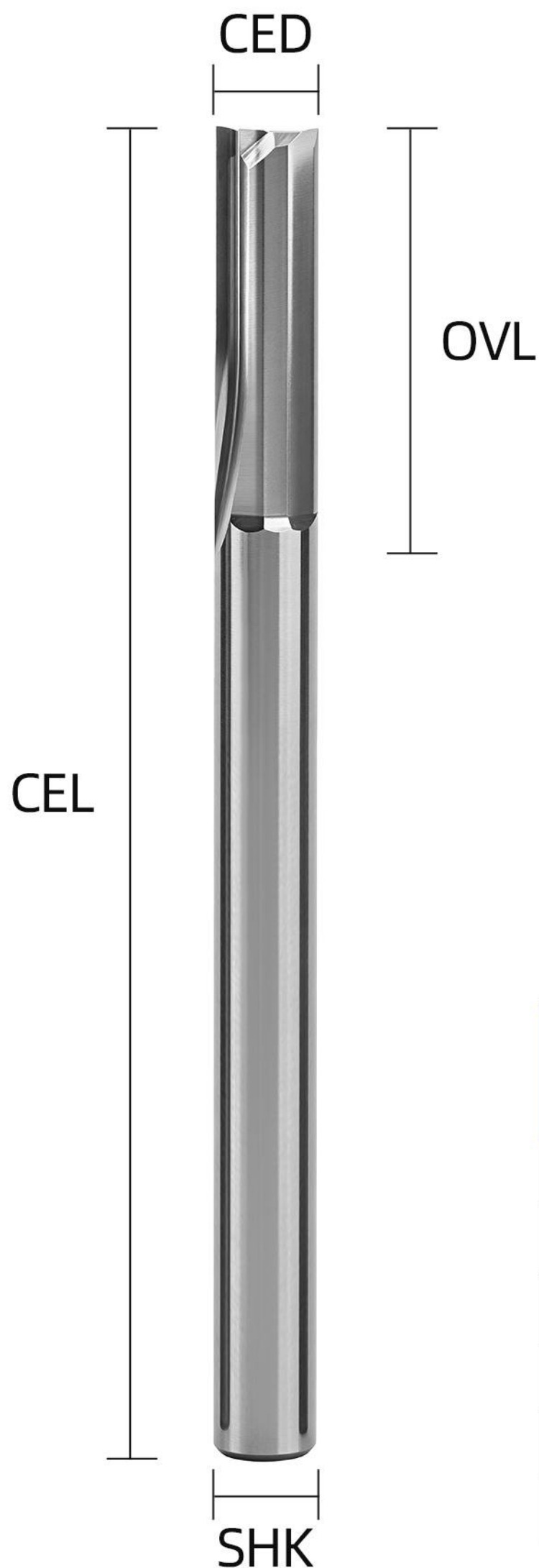
High & medium density fiberboard,
particle board
Multi-layer board, natural hardwood
Softwood, acrylic sheet
PVC sheet, resin board

Applicable Machines:

Advertising CNC engraving machine
CNC wood cutting machine
CNC router moulder, desktop
mini CNC engraving machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	1.5-3.175	6-32	38-55
4	4	12-32	45-55
5	5	25	50
6	6	17-62	45-100
8	8	25-80	50-120
10	10	25-100	60-150
12	12	32-100	65-150

2-flute straight end mill



Applicable Materials:

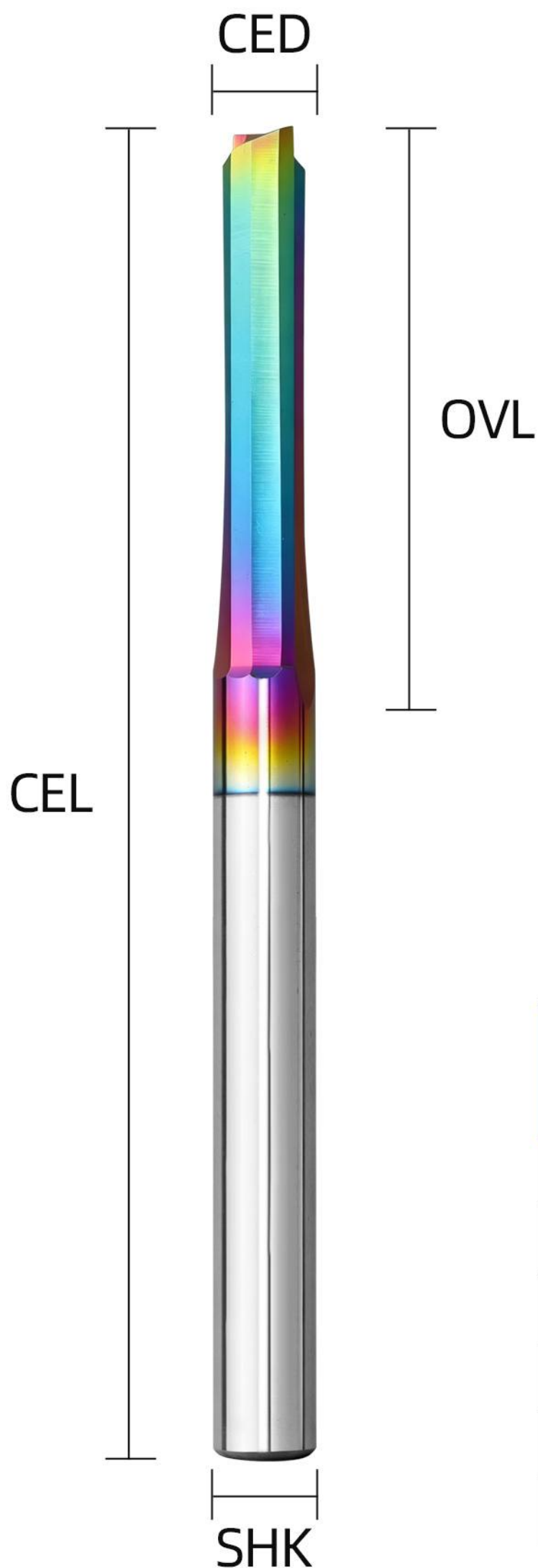
Medium & high density fiberboard,
particle board
Plywood, natural hardwood
Softwood, acrylic sheet
PVC sheet, aluminum plate,
aluminum profile

Applicable Machines:

CNC advertising engraving machine
Woodworking CNC cutting machine
CNC routing machine, desktop
Mini CNC engraving machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	1-3.175	3-22	38-45
4	4	12-32	45-55
6	6	22-52	50-80
8	8	25-100	60-150
10	10	32-100	70-150
12	12	35-100	70-150

Color-coated 2-Flute Straight Flute End Mill



Applicable Materials:

Medium & high density fiberboard,
particle board
Plywood, natural hardwood
Softwood, acrylic sheet
PVC sheet, aluminum plate,
aluminum profile

Applicable Machines:

CNC advertising engraving machine
Woodworking CNC cutting machine
CNC routing machine, desktop
Mini CNC engraving machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	1-3.175	3-22	38-45
4	4	12-32	45-55
6	6	22-52	50-80
8	8	25-100	60-150
10	10	32-100	70-150
12	12	35-100	70-150

Single Flute End Mill for Aluminum



Applicable Materials:

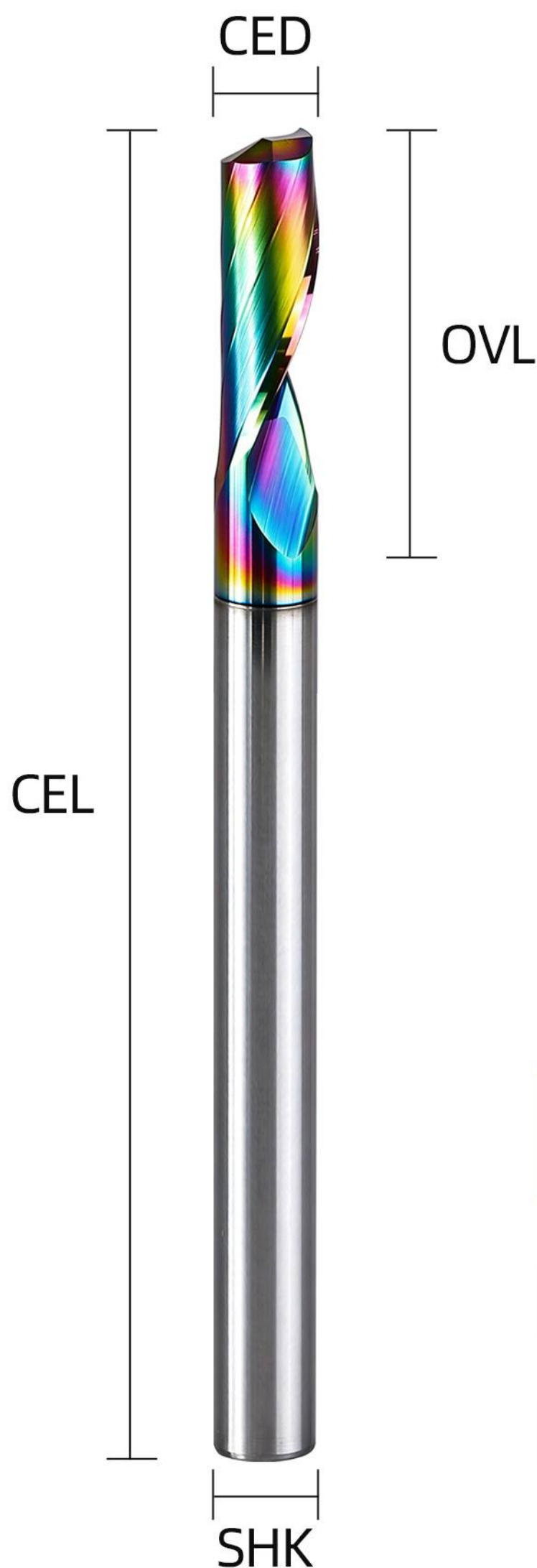
Various aluminum alloys,
pure aluminum
Acrylic, PVC, Nylon
Bakelite board, Fiberglass board
Thin plywood, thin MDF, etc.

Applicable Machines:

Advertising CNC Engraving Machine
Woodworking CNC Cutting Machine
CNC Machining Center, CNC
Milling & Engraving Machine,
CNC Milling Machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	2-3.175	6-22	38-45
4	4	12-22	45
6	6	17-22	50
8	8	32-52	60-80

Color Coated Single Flute End Mill for Aluminum



Applicable Materials:

Various aluminum alloys,
pure aluminum
Acrylic, PVC, Nylon
Bakelite board, Fiberglass board
Thin plywood, thin MDF, etc.

Applicable Machines:

Advertising CNC Engraving Machine
Woodworking CNC Cutting Machine
CNC Machining Center, CNC
Milling & Engraving Machine,
CNC Milling Machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	2-3.175	6-22	38-45
4	4	12-22	45
6	6	17-22	50
8	8	32-52	60-80

Solid Carbide Single Flute Profiling End Mill



Applicable Materials:

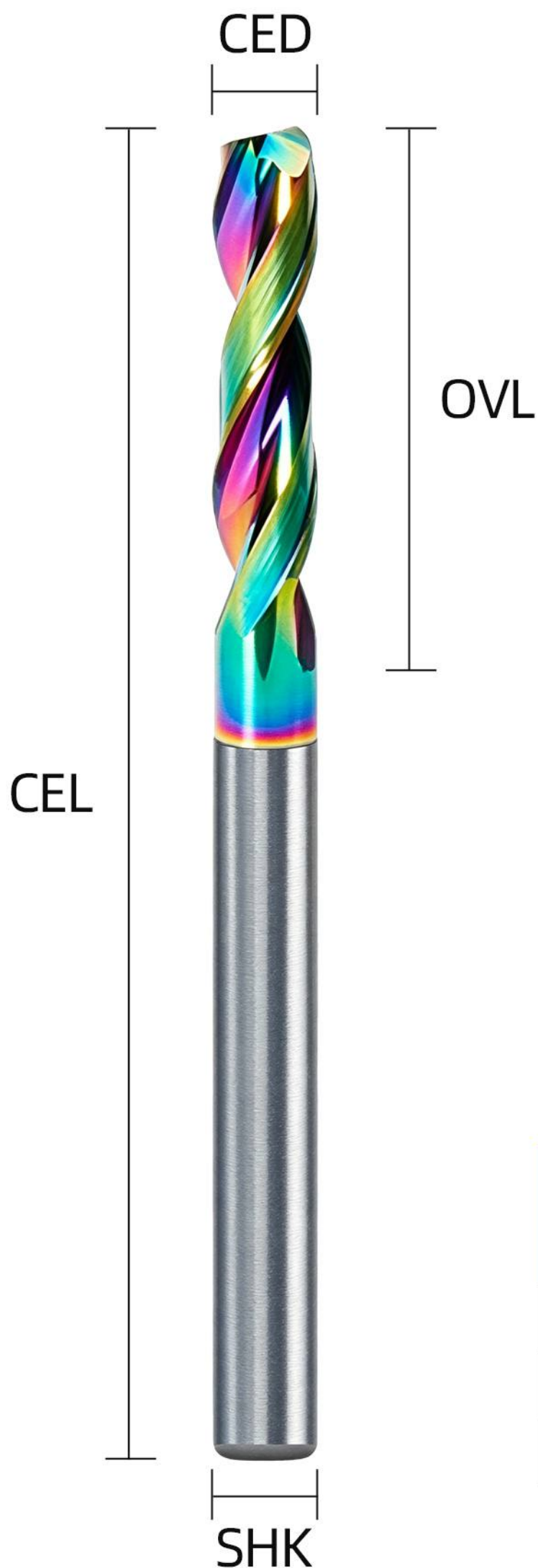
Pure aluminum, aluminum sheets,
aluminum profiles
Aluminum part engraving, Acrylic,
PVC, Nylon, Bakelite board
Engineered stone, MDF ,
plywood, etc.

Applicable Machines:

Advertising CNC Engraving Machine
Woodworking CNC Nesting Router
CNC Machining Center,
CNC Engraving & Milling Machine,
CNC Milling Machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
8	4-8	12-70	60-120
10	10	35	100-120
12	12	35	100-120

Solid Carbide Two Flute Profiling End Mill



Applicable Materials:

Pure aluminum, aluminum sheets,
aluminum profiles
Aluminum part engraving, Acrylic,
PVC, Nylon, Bakelite board
Engineered stone, MDF ,
plywood, etc.

Applicable Machines:

Advertising CNC Engraving Machine
Woodworking CNC Nesting Router
CNC Machining Center,
CNC Engraving & Milling Machine,
CNC Milling Machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
8	8	30-35	80-120
10	10	35	100-120
12	12	35	100-120

Step Countersink Drill Bit



Applicable Materials:

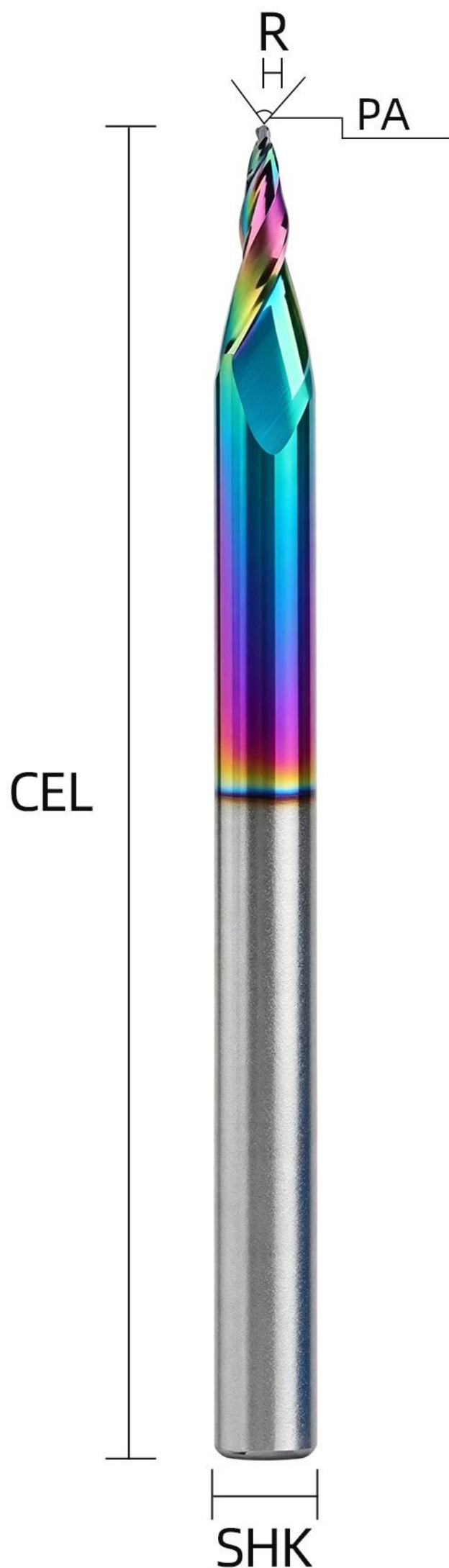
Pure aluminum, aluminum sheets, aluminum profiles
Aluminum nameplates, Acrylic, PVC, Nylon, POM (Acetal), MDF (Medium Density Fiberboard), plywood, etc.

Applicable Machines:

Advertising CNC Engraving Machine
Woodworking CNC Nesting Router
CNC Engraving & Milling Machine, Trimmer

Shank diameter (mm)	Cutting diameter (mm)	Flutes (T)	Cutting length (mm)	Overall length (mm)
8	4.1	1	6	80
8	4.1	2	6	80

Rainbow Coated Taper End Mill for Aluminum



Applicable Materials:

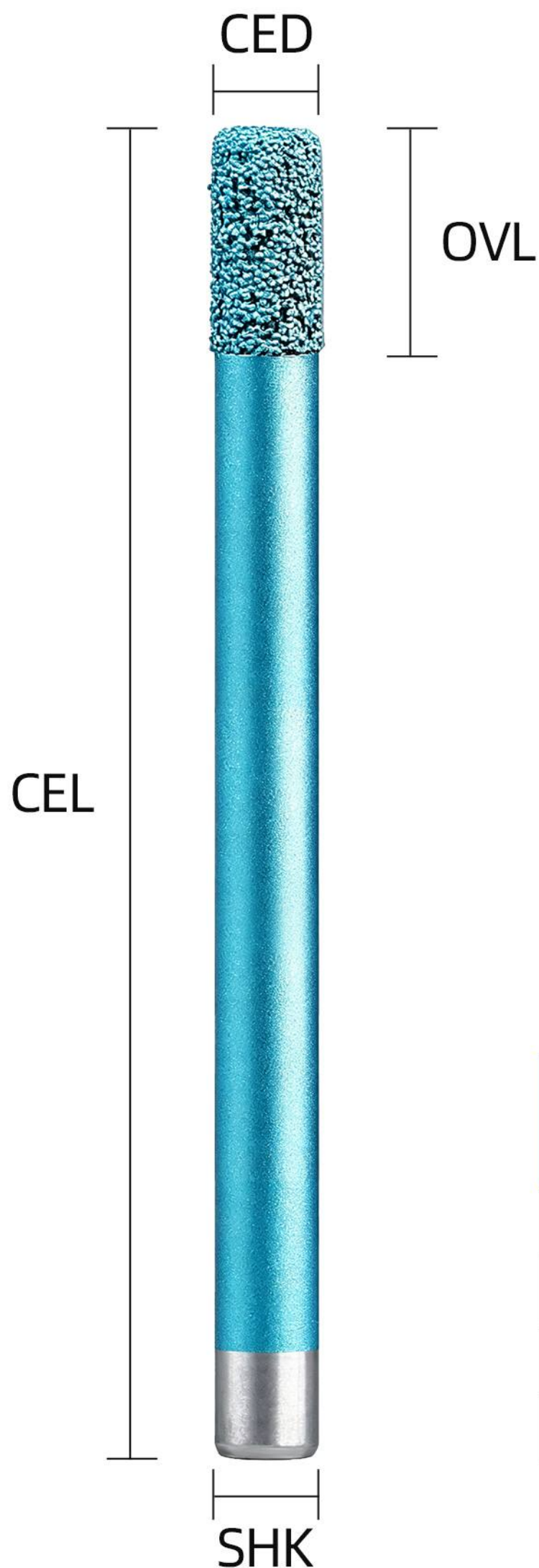
Aluminum profiles, aluminum parts,
brass Bronze, Acrylic
PC sheet, Bakelite board, Nylon
Aluminum composite panel,
Fiberglass board

Applicable Machines:

CNC Engraving & Milling Machine,
CNC Machining Center,
CNC Engraving Milling Machine

Shank diameter (mm)	Point Angle	Tip Radius (mm)	Overall length (mm)
4	15°-30°	0.25-1.0	50
6	20°-30°	0.5-2.5	50

Brazed Flat Head Stone Router Bit



Applicable Materials:

Natural marble, granite
Slate, basalt, quartz stone
Artificial marble, ceramic tile,
polished tile

Applicable Machines:

Stone CNC Engraving Machine
Sintered Stone CNC Machining Center
Vertical CNC Machining Center
Small Advertising CNC
Engraving Machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
6	6	12-20	60-90
8	8	12-20	60-90
10	10	20-30	60-90
12	12	20-50	90-110

Brazed V-shaped Router Bit



Applicable Materials:

Natural marble, granite
Slate, limestone, quartz stone
Artificial marble, microcrystalline stone, Artificial jade

Applicable Machines:

Stone CNC Engraving Machine
Sintered Stone CNC Machining Center
Vertical CNC Machining Center
Advertising CNC Engraving Machine

Shank diameter (mm)	Cutting diameter (mm)	Angle
6	10	60
8	16-20	60-120

Brazed Tapered Stone Router Bit



Applicable Materials:

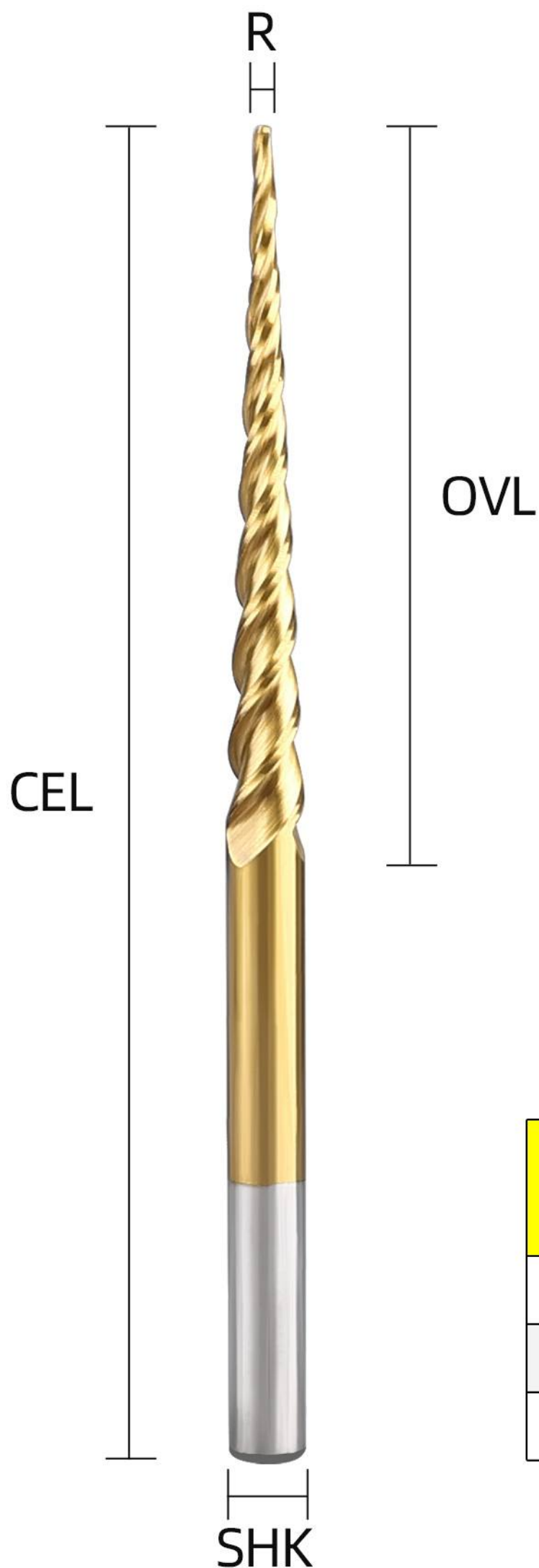
Natural marble, granite
Slate, limestone, quartz stone
Artificial marble, microcrystalline stone, Artificial jade

Applicable Machines:

Stone CNC Engraving Machine
Sintered Stone CNC Machining Center
Vertical CNC Machining Center
Advertising CNC Engraving Machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)
6	1.5-3	6-20
8	3-6	20-30
10	3-8	30-80
12	3-8	30-120
16	6-8	100-120

Tapered Foam Relief Router Bit



Applicable Materials:

EPS foam, EPE pearl cotton
XPS extruded board, sponge
Low-density rigid foam, etc.

Applicable Machines:

Advertising CNC Engraving Machine
Foam CNC Engraving Machine
Styrofoam Machining Center

Shank diameter (mm)	Tip Radius (mm)	Cutting length (mm)	Overall length (mm)
12	1.5	100-150	200
16	3	250-350	300-400
20	3	250-350	300-400

Flat End Foam Milling Cutter



Applicable Materials:

EPS Styrofoam,
EPE pearl cotton,
XPS extruded board,
high-density sponge,
Low-density tooling board

Applicable Machines:

Advertising CNC Engraving Machine
Foam CNC Engraving Machine
Vertical CNC Machining Center

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
6	6	100	150
8	8	100	150
10	10	100-150	150-200
12	12	150-200	200-250
16	16	150-350	200-410
20	20	200-350	250-410

Metal Flat Bottom Tapered Bit



Applicable Materials:

Aluminum alloy, brass, copper
Thin iron sheet, cold rolled steel plate
Bakelite, resin board,
synthetic tooling board

Applicable Machines:

Advertising CNC Engraving Machine
CNC Engraving & Milling Machine
Small Vertical CNC Machining Center

Shank diameter (mm)	Tip Angle	Tip Diameter	Overall length (mm)
3.175	20°-45°	0.1-0.3	33
4	30°-45°	0.2-0.5	45
6	30°-45°	0.2-0.5	50

Flat Bottom Taper Bit for Woodworking



Applicable Materials:

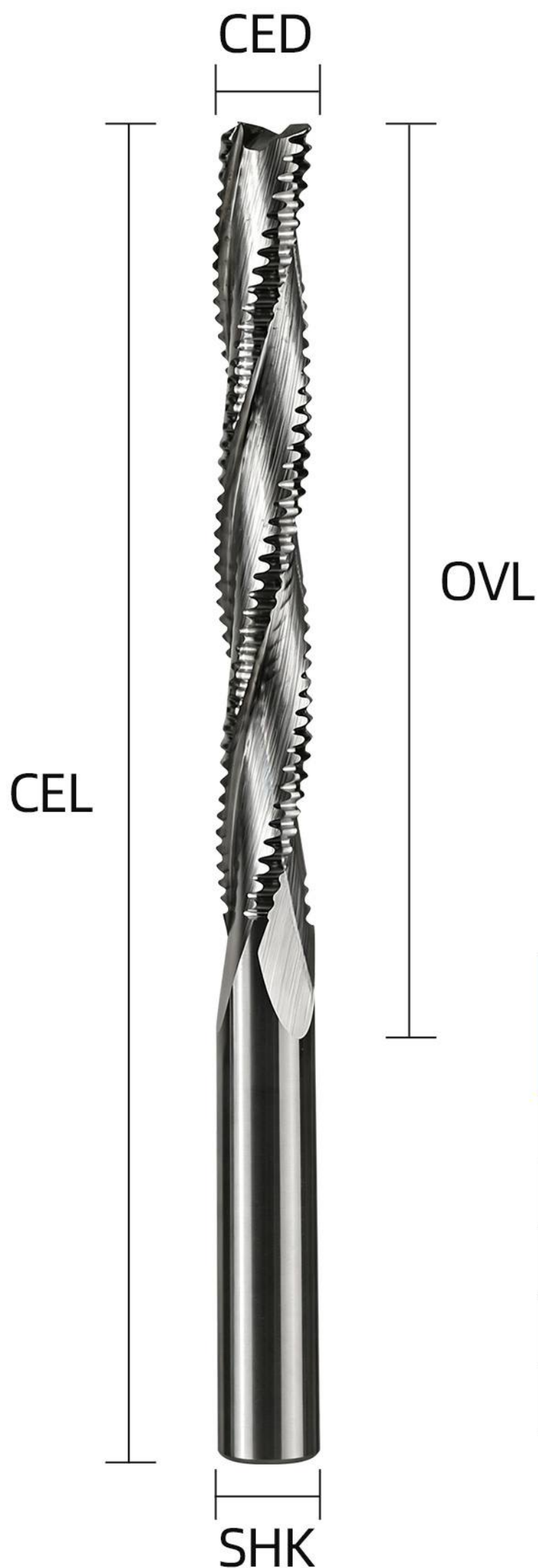
MDF, particle board, multi-layer solid wood board, plywood, ecological board, pine, oak, mahogany, walnut, bamboo board, bamboo slices, etc.

Applicable Machines:

Advertising Engraving Machine, Woodworking CNC Cutting Machine, Small CNC Stone Engraving Machine

Shank diameter (mm)	Tip Angle	Overall length (mm)
3.175	30°	29
4	30°	45
6	30°	45-60

3-Flute Spiral Roughing Milling Cutter



Applicable Materials:

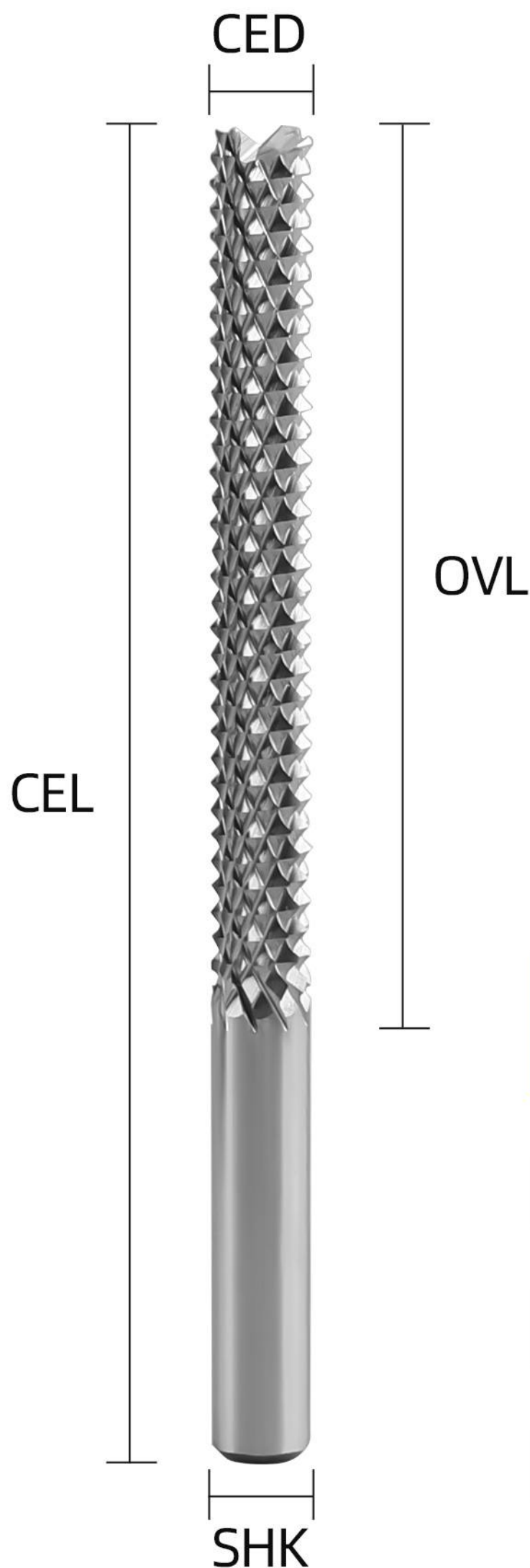
MDF, multi-layer board
Solid wood, plywood, bamboo board
Acrylic, PVC, ABS sheet
Two-color board, PP sheet, etc.

Applicable Machines:

CNC Engraving Machine,
CNC Milling Machine,
Fine Engraving Machine,
Engraving & Milling Machine

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
6	6	50	100
8	8	50	100
10	10	50-80	100-120
12	12	50-80	100-120
16	16	105	165

Carbide Corn Milling Cutter



Applicable Materials:

Fiberglass board, aluminum substrate
copper substrate, epoxy board,
Bakelite board, carbon fiber board
composite material sheet, acrylic
two-color board, etc.

Applicable Machines:

PCB CNC Depaneling Machine
CNC Engraving Machine
Engraving & Milling Machine,
Small CNC Milling Machine
Vertical Machining Center

Shank diameter (mm)	Cutting diameter (mm)	Cutting length (mm)	Overall length (mm)
3.175	0.6-3.175	9.5-22	38-45
4	4	17-22	40-45
5	5	22-32	50-60
6	6	17-42	100-120
8	8	22-42	50-70
10	10	25-50	65-100
12	12	32-50	75-100