

P100 Series - PCD Two or Three Flute Router with heavy metal body

APPLICATION

CFRP, Aluminum and
Lightweight metals

TOOL GEOMETRY

Two or three flute PCD,
0°-5° flute helix, end cutting

DIAMETER RANGE

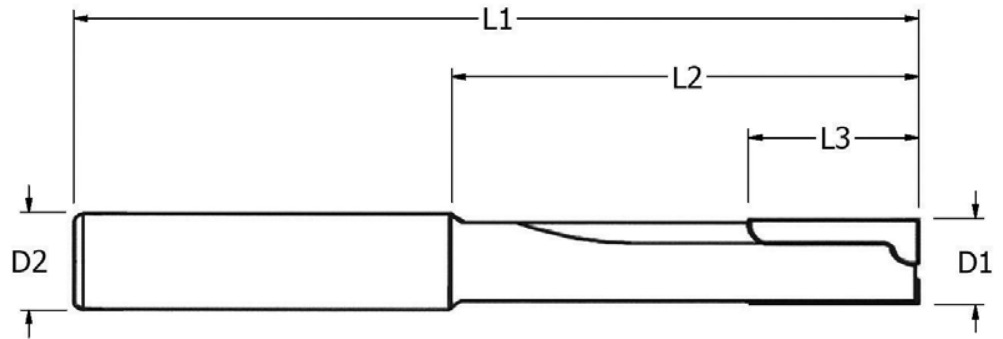
.375" – 1.00"

TOOL MATERIAL

Heavy metal tungsten alloy
body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"



P101 Series - PCD Two or Three Flute Router with solid carbide body

APPLICATION

CFRP, Aluminum and
Lightweight metals

TOOL GEOMETRY

Two or three flute PCD,
0°-5° flute helix, end cutting

DIAMETER RANGE

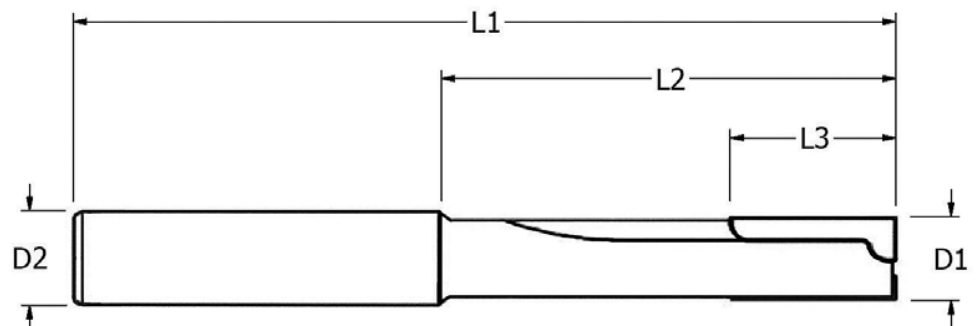
.250" – .500"

TOOL MATERIAL

Solid carbide body with PCD
cutting edges

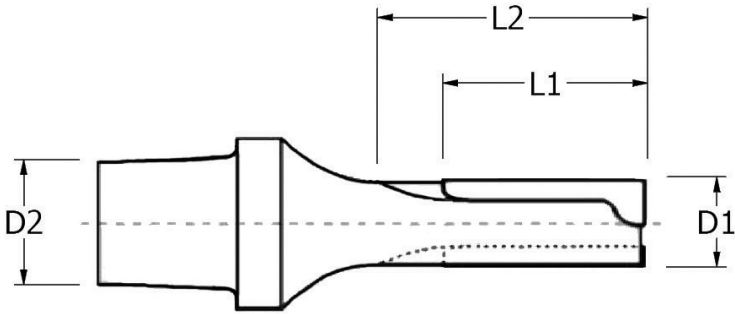
OD TOLERANCE

D1: + / - .0016"



PCD ROUTING

P102 Series - PCD Two or Three Flute Router with HSK20C shank



APPLICATION

CNC automated cutting of CFRP, Aluminum and Lightweight metals

TOOL GEOMETRY

Two or three flute PCD, 0°-5° flute helix, end cutting

SHANK FORM

HSK20C

DIAMETER RANGE

.250" – .500"

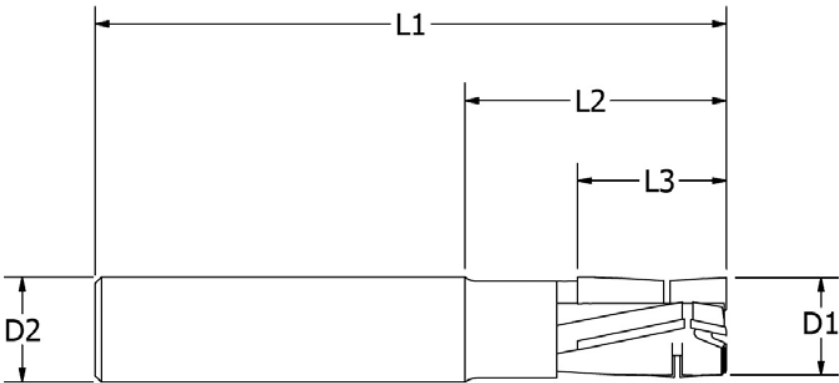
TOOL MATERIAL

Heavy metal tungsten alloy body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"

P103 Series - PCD Three Flute Router with compression fluting



APPLICATION

CNC automated cutting of CFRP, Aluminum and Lightweight metals

TOOL GEOMETRY

Three flute PCD, 0°-25° flute helix, end cutting

DIAMETER RANGE

.500" – .750"

TOOL MATERIAL

Heavy metal tungsten alloy body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"

P104 Series - PCD Three Flute Router with HSK20C shank and compression fluting

APPLICATION

CNC automated cutting
of CFRP, Aluminum and
Lightweight metals

TOOL GEOMETRY

Three flute PCD, 0°-25° flute
helix, end cutting

SHANK FORM

HSK20C

DIAMETER RANGE

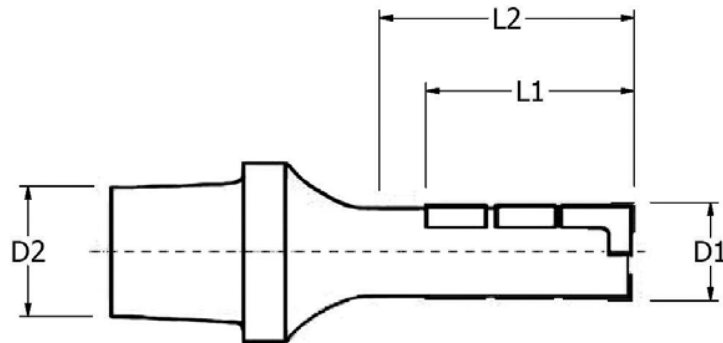
.500" - .750"

TOOL MATERIAL

Heavy metal tungsten alloy
body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"



P105 Series - PCD Two Flute Ball Nose Router with heavy metal body

APPLICATION

CNC automated cutting
of CFRP, Aluminum and
Lightweight metals

TOOL GEOMETRY

Two flute PCD, 0°- 5° flute helix,
end cutting

DIAMETER RANGE

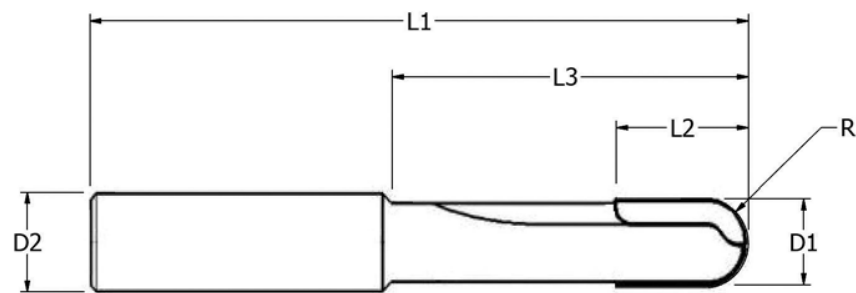
.375" - 1.00"

TOOL MATERIAL

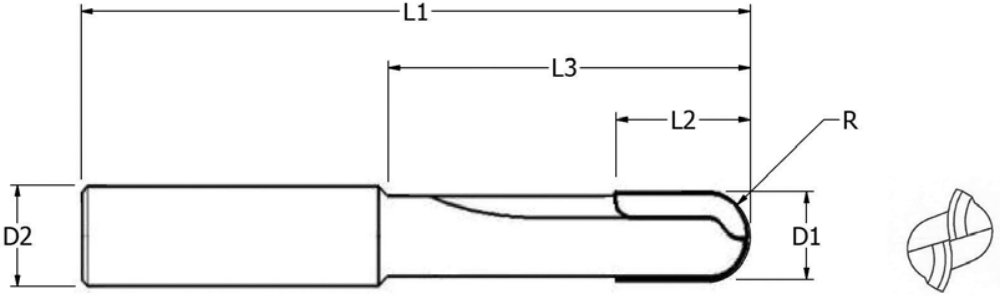
Heavy metal tungsten alloy
body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"



P106 Series - PCD Two Flute Ball Nose Router with solid carbide body



APPLICATION

CNC automated cutting of CFRP, Aluminum and Lightweight metals

TOOL GEOMETRY

Two flute PCD, 0°- 5° flute helix, end cutting

DIAMETER RANGE

.250" – 1.00"

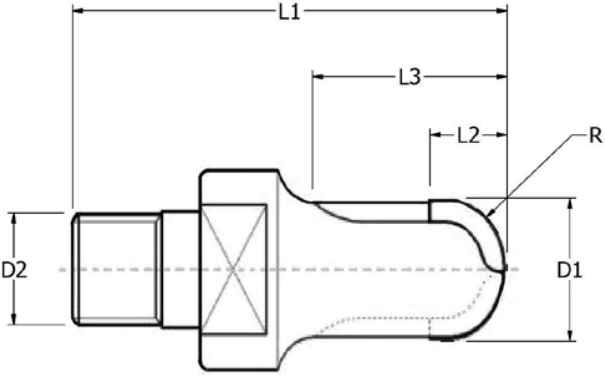
TOOL MATERIAL

Solid carbide body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"

P107 Series - PCD Two Flute Ball Nose Router with M16 threaded shank



APPLICATION

CNC automated cutting of CFRP, Aluminum and Lightweight metals

TOOL GEOMETRY

Two flute PCD, 0°- 5° flute helix, end cutting

SHANK FORM THREAD

M16

DIAMETER RANGE

.375" – 1.00"

TOOL MATERIAL

Heavy metal tungsten alloy body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"

P108 Series - PCD Two Flute Ball Nose Router with compression flutes

APPLICATION

CNC automated cutting
of CFRP, Aluminum and
Lightweight metals

TOOL GEOMETRY

Two flute PCD, 10°- 25° flute
helix, end cutting

DIAMETER RANGE

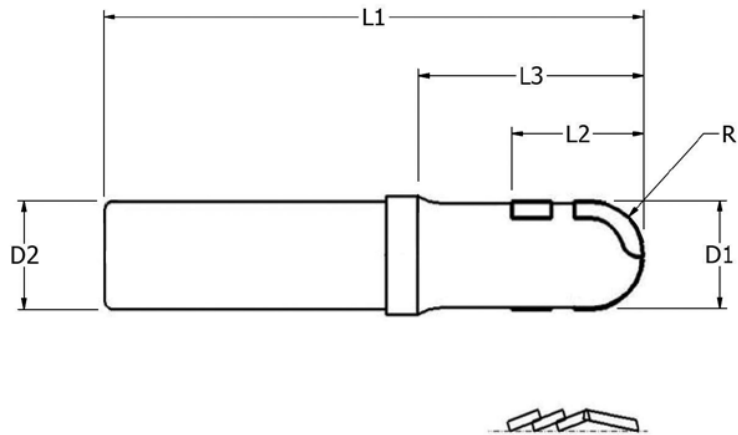
.625" – 1.50"

TOOL MATERIAL

Heavy metal tungsten alloy
body with 2 + 2 PCD cutting
edges

OD TOLERANCE

D1: + / - .0016"



P109 Series - PCD Two Flute Ball Nose Router with M16 threaded shank

APPLICATION

CNC automated cutting
of CFRP, Aluminum and
Lightweight metals

TOOL GEOMETRY

Two flute PCD, 10°- 25° flute
helix, end cutting

SHANK FORM THREAD

M16

DIAMETER RANGE

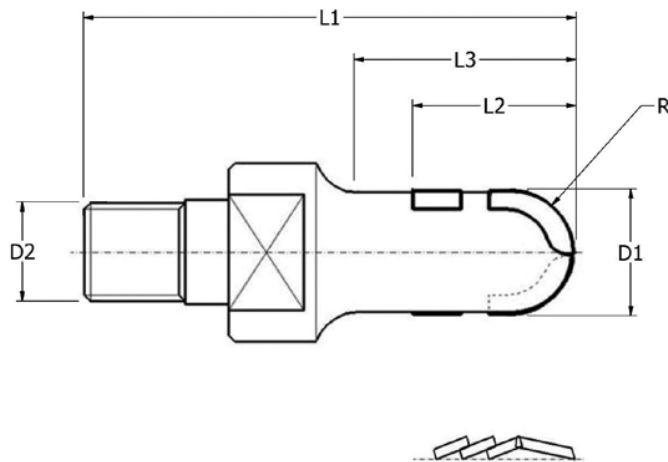
1.00" – 1.50"

TOOL MATERIAL

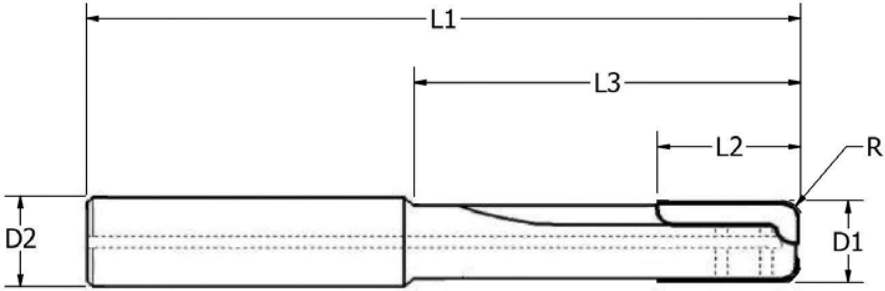
Heavy metal tungsten alloy
body with 2 + 2 PCD cutting
edges

OD TOLERANCE

D1: + / - .0016"



P110 Series - PCD Two or Three Flute Router with corner radius



APPLICATION

CNC automated cutting of CFRP, Aluminum and Lightweight metals

TOOL GEOMETRY

Two or three flute PCD, 0°-5° flute helix, end cutting

DIAMETER RANGE

.375" - 1"

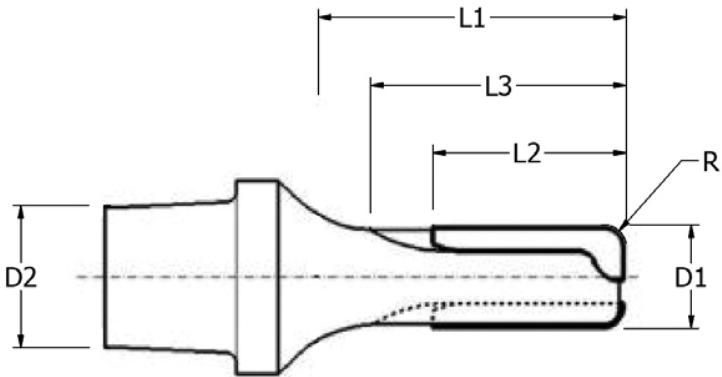
TOOL MATERIAL

Heavy metal tungsten alloy body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"

P111 Series - PCD Two or Three Flute Router with corner radius and HSK20C shank



APPLICATION

CNC automated cutting of CFRP, Aluminum and Lightweight metals

TOOL GEOMETRY

Two or three flute PCD, 0°-5° flute helix, end cutting

SHANK FORM

HSK20C

DIAMETER RANGE

.500" - 1"

TOOL MATERIAL

Heavy metal tungsten alloy body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"

P112 Series - PCD Four to Eight Flute Face Mill

APPLICATION

CNC automated cutting of CFRP, Aluminum and Lightweight metals

TOOL GEOMETRY

Four, five, or eight flute PCD, 0°-10° flute helix, end cutting

DIAMETER RANGE

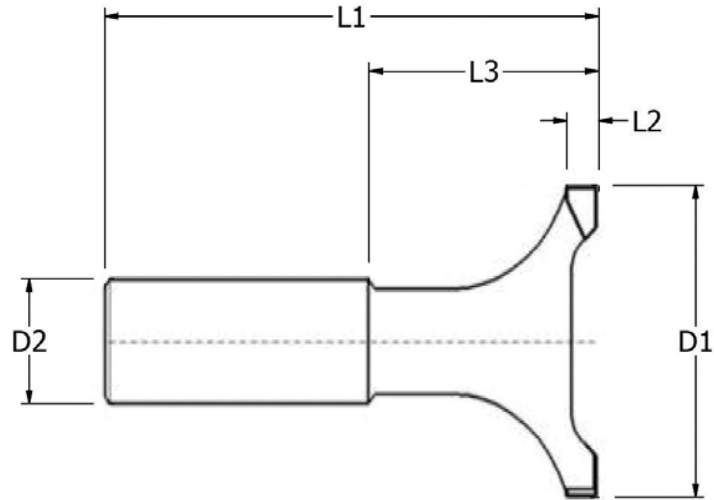
1.00" – 3.00"

TOOL MATERIAL

Heavy metal tungsten alloy body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"



P113 Series - PCD Four or Five Flute Face Mill

APPLICATION

CNC automated cutting of CFRP, Aluminum and Lightweight metals

TOOL GEOMETRY

Four or eight flute PCD, 0°-10° flute helix, end cutting

SHANK FORM

HSK20C

DIAMETER RANGE

1.00" – 2.00"

TOOL MATERIAL

Heavy metal tungsten alloy body with PCD cutting edges

OD TOLERANCE

D1: + / - .0016"

