

Standard Insert Router Bits

Applications

- Designed for use on C.N.C. router machines.
- Can also be used on stationary overhead routers.
- Use with mechanical and hand feed operations.
- CNC router must have excellent hold downs to ensure the least possibility of part movement.
- Use for jointing, coping, parting, rabbeting, ramp plunging, vertical plunging, boring, cutout routing etc.

Technical Information

- Shank style cutter body design with 3 cutting rows and a single carbide plunge point insert at the bottom.
- Small indexable carbide inserts (pins) are easily removed with the use of the torx wrench, inserts on pages 74-77.
- Reduced cutting pressure due to up-spiral design.
- Requires no special set-up fixtures to set knives.
- Maximum RPM 18,000

Advantages

- Outstanding cutting performance due to reduced cutting pressures (designed for rough cut applications only).
- Extended tool life over brazed tooling due to insert accuracy and superior carbide grades.
- Excellent for high production runs requiring thick materials to be machined.
- Reduced sharpening costs due to small cost of inserts over standard brazed router bits.



Part No.	Cutting Edge Diameter	Shank Size	Cutting Edge L2 Length w/o Plunge Insert	Cutting Edge L3 Length with Plunge Insert	Overall with Plunge Insert Length	No. of Spiral Rows	No. of Carbide Pins Required
ND179	24mm	24mm	3.27"	3.54"	6.02"	3	18
ND183	3/4"	3/4"	1.65"	1.89"	4.13"	3	9
ND186	3/4"	3/4"	2.20"	2.44"	4.69"	3	12
ND187LH	3/4"	3/4"	1.65"	1.89"	4.13"	3	9
ND188LH	3/4"	3/4"	2.20"	2.44"	4.69"	3	12

Spare Parts For ND179

Part No.	Description
TJ374	Size 2 Straight Inserts (box of 20)
TJ377	Plunge Point Insert (sold individually)
NP149	Torx Clamping Screw M4x6.7 T15
NP126	Torx Wrench T15

Spare Parts for ND183 & ND186

Part No.	Description
TJ379	Size 1 Straight Inserts (box of 20)
TJ383	Plunge Point Insert (sold individually)
NP156	Torx Clamping Screw M3x5.5 T9
NP159	Torx Wrench T9
NP162	Torx Clamping Screws for (plunge pt) T9