

Universal Insert Router Bits

Applications

- Designed for use on C.N.C. router machines.
- Can also be used on stationary overhead routers.
- Use with mechanical feed operations.
- CNC router must have excellent hold downs to ensure the least possibility of part movement.
- To produce profiles that have a large depth of cut.
- Use on edges of decorative panels, doors, furniture, etc.

Technical Information

- Shank style cutter body design made of aluminum alloy is at a 45° angle and uses 2 non-turnable profiled carbide inserts.
- Available in a 2-wing (flute) design only.
- Requires the use of backing plates to support the profiled cutting region.

- Standard hook angle is 10° positive.
- Comes complete with cutter body, wedges, screws and allen wrench.
- Insert router bit is manufactured in right-hand rotation.
- Maximum RPM for 110mm Dia. = 12,000, 148mm Dia. = 6,000

Advantages

- Cutterhead is able to produce numerous profiles by simply changing the insert.
- Extended tool life over brazed tooling due to insert accuracy and superior carbide grades.
- Produces a constant cutting circle so setup and machine adjustments are reduced to a minimum.
- Lower tooling costs due to decreased down time required for tooling changes.

Part No.	Max. Cutting Width		Max. Profile Cutting Depth		Shank Size in.	Overall Length		Cutting Circle Dia.		Uses Insert No.	Backing Plate No.
	mm	in.	mm	in.		mm	in.	mm	in.		
NU135	40	1.57"	17	.67"	3/4"	123	4.84"	110	4.33"	6650	NB123
NU136	60	2.36"	22	.87"	3/4"	142	5.59"	148	5.83"	6660	NB122
NU137	40	1.57"	17	.67"	1"	123	4.84"	110	4.33"	6650	NB123
NU141	60	2.36"	22	.87"	1"	142	5.59"	148	5.83"	6660	NB122

Spare Parts

Part No.	Description
NP111	Clamping Wedge for 40mm Inserts
NP114	Clamping Wedge for 60mm Inserts
NP117	Wedge Screw M8x12 for II Cutters
NP119	Allen Wrench SW4 for Screws
NB122	60mm x 41mm Backing Plate
NB123	40mm x 36mm Backing Plate

