

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 feed operations.
- CNC router must have excellent hold downs to ensure the least possibility of part movement.
- To round or bevel edges on decorative parts, panels, etc.

Technical Information

- Shank style cutter body design uses 2 non-turnable profiled carbide inserts.
- Cutter body is profiled to match the carbide insert.

- Requires no backing plates or clamping wedges.
- Insert is mechanically fastened by the use of face mounted screws.
- Maximum RPM 18,000

Advantages

- Reduced set-up time because of fewer parts and a constant cutting circle.
- Extended tool life over brazed tooling due to insert accuracy and superior carbide grades.
- One cutter body is capable of producing all of the radii and bevels by simply changing the inserts.

Part No.	Required Insert Profile	Adjustable Range		Large Diameter		Shank Size	Uses Insert No.	
		in.	in.	mm	in.		Top	Bottom
ND165	45°	.51"	1.14"	34	1.34"	3/4"	TJ317	TJ319
ND165	1/8"	.75"	1.34"	28	1.10"	3/4"	TJ323	TJ326
ND165	5/32"	.75"	1.34"	30	1.18"	3/4"	TJ329	TJ332
ND165	13/64"	.75"	1.34"	32	1.26"	3/4"	TJ335	TJ338
ND165	15/64"	.75"	1.34"	34	1.34"	3/4"	TJ341	TJ344
ND166	45°	.87"	1.69"	57	2.24"	3/4"	TJ444	TJ447
ND166	1/4"	1.38"	2.20"	49	1.93"	3/4"	TJ451	TJ454
ND166	21/64"	1.38"	2.20"	53	2.09"	3/4"	TJ457	TJ461
ND166	13/32"	1.38"	2.20"	57	2.24"	3/4"	TJ464	TJ467

Spare Parts

Part No.	Description
NP123	Torx Screw M4x5.9 large head T15
NP171	Torx Wrench T15

