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 nonturnable 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

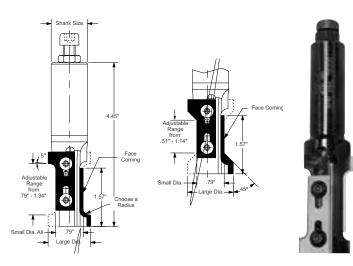
Advantages

- 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.Insert Profilein.in.mmin.SizeTopBoND16545°.51"1.14"341.34"3/4"TJ317TJND1651/8".75"1.34"281.10"3/4"TJ323TJND1655/32".75"1.34"301.18"3/4"TJ329TJND16513/64".75"1.34"321.26"3/4"TJ335TJND16513/64".75"1.34"341.34"3/4"TJ341TJND16515/64".75"1.69"572.24"3/4"TJ444TJND1661/4"1.38"2.20"491.93"3/4"TJ451TJ		Required	Large Required Adjustable Range Diameter			Shank	Uses Insert No.		
ND165 1/8" .75" 1.34" 28 1.10" 3/4" TJ323 TJ ND165 5/32" .75" 1.34" 30 1.18" 3/4" TJ329 TJ ND165 5/32" .75" 1.34" 30 1.18" 3/4" TJ329 TJ ND165 13/64" .75" 1.34" 32 1.26" 3/4" TJ335 TJ ND165 15/64" .75" 1.34" 34 1.34" 3/4" TJ341 TJ ND165 15/64" .75" 1.34" 34 1.34" 3/4" TJ341 TJ ND166 45° .87" 1.69" 57 2.24" 3/4" TJ444 TJ ND166 1/4" 1.38" 2.20" 49 1.93" 3/4" TJ451 TJ	Part No.		in.	in.	mm	in.	Size	Тор	Bottom
ND165 5/32" .75" 1.34" 30 1.18" 3/4" TJ329 TJ ND165 13/64" .75" 1.34" 32 1.26" 3/4" TJ335 TJ ND165 15/64" .75" 1.34" 34 1.34" 3/4" TJ341 TJ ND165 15/64" .75" 1.34" 34 1.34" 3/4" TJ341 TJ ND166 45° .87" 1.69" 57 2.24" 3/4" TJ444 TJ ND166 1/4" 1.38" 2.20" 49 1.93" 3/4" TJ451 TJ	ND165	45°	.51"	1.14"	34	1.34"	3/4"	TJ317	TJ319
ND165 13/64" .75" 1.34" 32 1.26" 3/4" TJ335 TJ ND165 15/64" .75" 1.34" 34 1.34" 3/4" TJ341 TJ ND166 45° .87" 1.69" 57 2.24" 3/4" TJ444 TJ ND166 1/4" 1.38" 2.20" 49 1.93" 3/4" TJ451 TJ	ND165	1/8"	.75"	1.34"	28	1.10"	3/4"	TJ323	TJ326
ND165 15/64" .75" 1.34" 34 1.34" 3/4" TJ341 TJ ND166 45° .87" 1.69" 57 2.24" 3/4" TJ444 TJ ND166 1/4" 1.38" 2.20" 49 1.93" 3/4" TJ451 TJ	ND165	5/32"	.75"	1.34"	30	1.18"	3/4"	TJ329	TJ332
ND166 45° .87" 1.69" 57 2.24" 3/4" TJ444 TJ ND166 1/4" 1.38" 2.20" 49 1.93" 3/4" TJ451 TJ	ND165	13/64"	.75"	1.34"	32	1.26"	3/4"	TJ335	TJ338
ND166 1/4" 1.38" 2.20" 49 1.93" 3/4" TJ451 TJ	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" IJ457 IJ	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 TJ	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	



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