



Miniature Carbide Burs



Cylinder Shape			
Tool No.	Head Dia.	Flute Length	Shank
A-41	1/16	1/4	1/8
A-42	3/32	7/16	1/8
A-43	1/8	9/16	1/8
A-52	5/32	1/2	1/8
A-53	3/16	1/2	1/8
A-51	1/4	1/2	1/8
A-61	1/16	1/4	3/32
A-63	3/32	3/8	3/32
A-81	3/16	1/2	3/16



Oval Shape			
Tool No.	Head Dia.	Flute Length	Shank
E-41	1/8	7/32	1/8
E-53	3/16	9/32	1/8
E-51	1/4	3/8	1/8
E-61	3/32	1/8	3/32
E-81	3/16	9/32	3/16



Taper - Radius End			
Tool No.	Head Dia.	Flute Length	Shank
L-41	1/8	3/8	1/8
L-42	1/8	1/2	1/8
L-53	3/16	1/2	1/8
L-61	3/16	7/16	3/16



Cylinder with Radius End			
Tool No.	Head Dia.	Flute Length	Shank
C-41	3/32	7/16	1/8
C-42	1/8	9/16	1/8
C-52	5/32	1/2	1/8
C-53	3/16	1/2	1/8
C-51	1/4	1/2	1/8
C-61	3/32	3/8	3/32
C-81	3/16	1/2	3/16



Tree Shape - Radius End			
Tool No.	Head Dia.	Flute Length	Shank
F-41	1/8	1/4	1/8
F-42	1/8	1/2	1/8
F-53	3/16	1/2	1/8
F-51	1/4	1/2	1/8
F-61	3/32	1/4	3/32
F-81	3/16	1/2	3/16



Cone Shape			
Tool No.	Head Dia.	Flute Length	Shank
M-41	1/8"	11/32"	1/8
M-42	1/8"	7/16"	1/8
M-43	1/8"	5/8"	1/8
M-53	3/16"	1/2"	1/8
M-51	1/4"	1/2"	1/8
M-61	3/32"	1/4"	3/32



Ball Shape			
Tool No.	Head Dia.	Flute Length	Shank
D-41	3/32	3/32	1/8
D-42	1/8	1/8	1/8
D-53	3/16	3/16	1/8
D-51	1/4	1/4	1/8
D-61	3/32	3/32	3/32
D-81	3/16	3/16	3/16

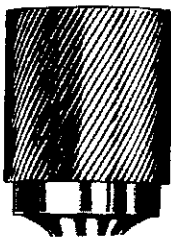


Tree Shape - Pointed End			
Tool No.	Head Dia.	Flute Length	Shank
G-41	1/8	1/4	1/8
G-43	1/8	3/8	1/8
G-44	1/8	1/2	1/8
G-53	3/16	1/2	1/8
G-51	1/4	1/2	1/8
G-61	3/32	1/4	3/32
G-81	3/16	1/2	3/16



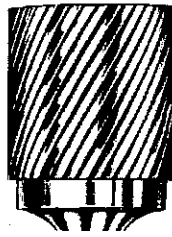
Inverted Cone Shape			
Tool No.	Head Dia.	Flute Length	Shank
N-41	3/32	1/8	1/8
N-42	1/8	3/16	1/8
N-53	3/16	1/4	1/8
N-51	1/4	1/4	1/8
N-61	3/32	1/8	1/8
N-81	3/16	1/4	3/16

Basic Fluting Styles for Carbide Burs



Fine Cut

Allows smoother finish than standard cut.



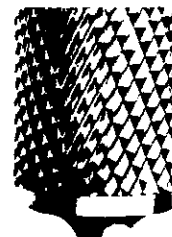
Plain Cut

General purpose fluting. The second most popular fluting style.



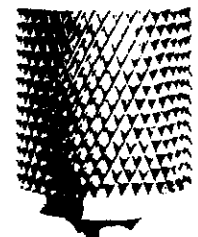
Coarse Cut

General purpose fluting for softer materials can provide faster stock removal than plain cut on some softer materials.



Double Cut

The most popular of all fluting styles. Very efficient stock removal. Creates a small chip.



Diamond Cut

For use on heat treated and tough alloy steels where control is important. Creates a powder-like chip. +20%

Non-Ferrous Solid Tungsten Carbide Burs

Designed for use on Aluminum, Non-Ferrous Metals, Soft Steel, Reinforced Plastics, and other soft materials. Authentic milling cutter relief style of flute grind. High flute finish for easy chip flow and fast stock removal. Excellent work finish with minimum loading when cutting soft, sticky materials. A 3/8" Shank is Recommended on all Burs over 1/2" Cutting Diameter. Ask about our Bur Re grind Service!



Cylinder Shape		
Tool No.	Size	Shank Dia.
A-1NF	1/4"x3/4"	1/4"
A-3NF	3/8"x3/4"	1/4"
A-5NF	1/2"x1"	1/4"
A-6NF	5/8"x1"	1/4"
A-7NF	3/4"x1"	1/4"
A-7NF3/8	3/4"x1"	3/8"



Ball Shape		
Tool No.	Size	Shank Dia.
D-1NF	1/4" Dia.	1/4"
D-3NF	3/8" Dia.	1/4"
D-5NF	1/2" Dia.	1/4"
D-6NF	5/8" Dia.	1/4"
D-7NF	3/4" Dia.	1/4"
D-7NF3/8	3/4" Dia.	3/8"



Tree Shape - Radius End		
Tool No.	Size	Shank Dia.
F-1NF	1/4"x3/4"	1/4"
F-3NF	3/8"x3/4"	1/4"
F-5NF	1/2"x1"	1/4"
F-6NF	5/8"x1"	1/4"
F-14NF	3/4"x1-1/4"	1/4"
F-14NF3/8	3/4"x1-1/4"	3/8"



Cylinder Shape with Radius End		
Tool No.	Size	Shank Dia.
C-1NF	1/4"x3/4"	1/4"
C-3NF	3/8"x3/4"	1/4"
C-5NF	1/2"x1"	1/4"
C-7NF	3/4"x1"	1/4"
C-7NF3/8	3/4"x1"	3/8"



Oval Shape		
Tool No.	Size	Shank Dia.
E-3NF	3/8"x5/8"	1/4"
E-5NF	1/2"x7/8"	1/4"
E-6NF	5/8"x1"	1/4"
E-7NF	3/4"x1"	1/4"
E-7NF3/8	3/4"x1"	3/8"



14° Taper - Radius End		
Tool No.	Size	Shank Dia.
L-3NF	3/8"x1-1/16"	1/4"
L-4NF	1/2"x1-1/8"	1/4"
L-5NF	5/8"x1-3/16"	1/4"
L-6NF	5/8"x1-5/16"	1/4"
L-7NF	3/4"x1-1/2"	1/4"
L-7NF3/8	3/4"x1-1/2"	3/8"