CARBIDE BURS

Miniature Burs

— 1/8"Shank 1-1/2" OAL Solid Carbide

Shape	Cat. No. Cut #1	Cat. No. Cut #4	Bur Diameter	Length of Cut	Included Angle
END CUT	SA-41-1	SA-41-4	1/16	1/14	—
	SA-42-1	SA-42-4	3/32	7/16	—
	SA-43-1	SA-43-4	1/8	9/16	—
	SB-41-1	SB-41-4	1/16	1/4	—
	SB-42-1	SB-42-4	3/32	7/16	—
	SB-43-1	SB-43-4	1/8	9/16	—
	SB-ECO	—	1/8	—	—
	SC-41-1	SC-41-4	3/32	7/16	—
	SC-42-1	SC-42-4	1/8	9/16	—
	SD-41-1	SD-41-4	3/32	3/32	—
	SD-42-1	SD-42-4	1/8	1/8	—
	SE-41-1	SE-41-4	1/8	1/4	—
	SF-41-1	SF-41-4	1/8	1/4	—
	SF-42-1	SF-42-4	1/8	1/2	—
	SG-41-1	SG-41-4	1/8	1/4	—
	SG-42-1	SG-42-4	1/8	5/16	—
	SG-43-1	SG-43-4	1/8	3/8	—
	SG-44-1	SG-44-4	1/8	1/2	—
	SH-41-1	SH-41-4	1/8	1/4	—
	SL-41-1	SL-41-4	1/8	3/8	8°
	SL-42-1	SL-42-4	1/8	1/2	8°
	SM-41-1	SM-41-4	1/8	11/32	12°
	SM-42-1	SM-42-4	1/8	7/16	14°
	SM-43-1	SM-43-4	1/8	5/8	7°
END CUT	SN-41-1	SN-41-4	3/32	1/8	10°
	SN-42-1	SN-42-4	1/8	3/16	10°
	SN-41-1EC	SN-41-4EC	3/32	1/8	10°
	SN-42-1EC	SN-42-4EC	1/8	3/16	10°

"EC" denotes end cutting bur

Cut Selection

The cut or flute pattern is an important decision when using carbide burs. This is determined by the hardness of the material being removed and the finish required. Below are illustraions of the basic patterns that are available and the advantages of each.

#1 Standard Cut

A general purpose pattern to be used on cast iron, steel and other ferrous metals.

#4 Double Cut

For use on heat treated and tough alloy steel. Produces a smaller chip and minimizes slivers in stringy material. Enables excellent control.

#8 Chipbreaker Cut

This pattern reduces chip size allowing an improvement in control.

Miniature Burs

— 1/8"x 3" OAL solid carbide

	Cat. No. Cut #1	Cat. No. Cut #4	Bur Diameter	Length of Cut
	SA-43-1L3	SA-43-4L3	1/8	9/16
	SB-ECO-L3	—	1/8	—
	SC-42-1L3	SC-42-4L3	1/8	9/16
	SD-42-1L3	SD-42-4L3	1/8	1/8
	SF-42-1L3	SF-42-4L3	1/8	1/2