

BPCT

BORO PARK CUTTING TOOLS CORP



COMPONENT GUYS INC.



WE DISTRIBUTE QUALITY CARBIDE TOOLS

5345 Outer Drive, Unit #3
Windsor, Ont., N9A 6J3
Phone: 519-968-3367
www.componentguys.com



STANDARD CUT

Also referred to as plain cut, is most commonly used for general purpose deburring of steel, cast iron and other ferrous materials.



DOUBLE CUT

Also referred to as alternate diamond cut, ideal where greater tool control is important. Very efficient stock removal. Creates a small chip.



CHIPBREAKER

To provide break down in chips. Chip size will be smaller than plain cut.



DIAMOND CUT

For use on heat treated and tough alloy steels. Creates a powder-like chip. Gives a fine finish with excellent tool control but tool life is short.

- We invite all our customers to submit their special requirements.
- Please call our order desk for special custom requests.
- All burrs available in mm shanks.

Phone:519-968-3367

www.componentguys.com

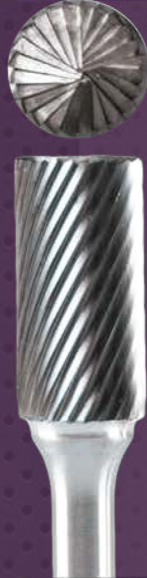
1/4" SHANKS

CYLINDRICAL



Order No.	Head Diameter	Flute Length
SA-11	1/8"	1/2"
SA-14	3/16"	5/8"
SA-1	1/4"	5/8"
SA-1L	1/4"	1"
SA-2	5/16"	3/4"
SA-3	3/8"	3/4"
SA-3L	3/8"	1"
SA-4	7/16"	1"
SA-5	1/2"	1"
SA-6	5/8"	1"
SA-7	3/4"	1"
SA-15	3/4"	1/2"
SA-16	3/4"	3/4"
SA-9	1"	1"

CYLINDRICAL-END CUT



Order No.	Head Diameter	Flute Length
SB-11	1/8"	1/2"
SB-14	3/16"	5/8"
SB-1	1/4"	5/8"
SB-1L	1/4"	1"
SB-2	5/16"	3/4"
SB-3	3/8"	3/4"
SB-3L	3/8"	1"
SB-4	7/16"	1"
SB-5	1/2"	1"
SB-6	5/8"	1"
SB-7	3/4"	1"
SB-15	3/4"	1/2"
SB-16	3/4"	3/4"
SB-9	1"	1"

CYLINDRICAL-RADIUS END



Order No.	Head Diameter	Flute Length
SC-11	1/8"	1/2"
SC-14	3/16"	5/8"
SC-1	1/4"	5/8"
SC-1L	1/4"	1"
SC-2	5/16"	3/4"
SC-3	3/8"	3/4"
SC-3L	3/8"	1"
SC4	7/16"	1"
SC-5	1/2"	1"
SC-6	5/8"	1"
SC-7	3/4"	1"
SC15	3/4"	1/2"
SC-16	3/4"	3/4"
SC-9	1"	1"

BALL



Order No.	Head Diameter	Flute Length
SD-11	1/8"	3/32"
SD-14	3/16"	1/8"
SD-1	1/4"	3/16"
SD-2	5/16"	1/4"
SD-3	3/8"	5/16"
SD-4	7/16"	3/8"
SD-5	1/2"	7/16"
SD-6	5/8"	9/16"
SD-7	3/4"	11/16"
SD-9	1"	15/16"

OVAL



Order No.	Head Diameter	Flute Length
SE-11	3/16"	5/16"
SE-1	1/4"	3/8"
SE-3	3/8"	5/8"
SE-5	1/2"	7/8"
SE-6	5/8"	1"
SE-7	3/4"	1"

TREE RADIUS END



Order No.	Head Diameter	Flute Length
SF-11	1/8"	1/2"
SF-1	1/4"	5/8"
SF-3	3/8"	3/4"
SF-4	7/16"	1"
SF-5	1/2"	1"
SF-13	1/2"	3/4"
SF-6	5/8"	1"
SF-7	3/4"	1"
SF-14	3/4"	1-1/4"
SF-15	3/4"	1-1/2"

TREE-POINTED END



Order No.	Head Diameter	Flute Length
SG-1	1/4"	5/8"
SG-2	5/16"	3/4"
SG-3	3/8"	3/4"
SG-5	1/2"	1"
SG-13	1/2"	3/4"
SG-6	5/8"	1"
SG-7	3/4"	1"
SG-15	3/4"	1-1/2"

FLAME



Order No.	Head Diameter	Flute Length
SH-1	1/4"	5/8"
SH-2	5/16"	3/4"
SH-5	1/2"	1-1/4"
SH-6	5/8"	1-7/16"
SH-7	3/4"	1-5/8"

60° CONE



Order No.	Head Diameter	Flute Length
SJ-1	1/4"	3/16"
SJ-3	3/8"	5/16"
SJ-5	1/2"	7/16"
SJ-6	5/8"	9/16"
SJ-7	3/4"	1/16"
SJ-9	1"	15/16"



1/4" SHANKS

90° CONE



Order No.	Head Diameter	Flute Length
SK-1	1/4"	1/8"
SK-3	3/8"	3/16"
SK-5	1/2"	1/4"
SK-6	5/8"	5/16"
SK-7	3/4"	3/8"
SK-9	1"	1/2"

14° TAPER - RADIUS END



Order No.	Head Diameter	Flute Length
SL-1	1/4"	5/8"
SL-2	5/16"	7/8"
SL-3	3/8"	1-1/16"
SL-4	1/2"	1-1/8"
SL-5	5/8"	1-3/16"
SL-6	5/8"	1-5/16"
SL-7	3/4"	1-1/2"

CONE



Order No.	Head Diameter	Flute Length	Included Angle
SM-1	1/4"	1/2"	22°
SM-2	1/4"	3/4"	14°
SM-3	1/4"	1"	10°
SM-4	3/8"	5/8"	28°
SM-5	1/2"	7/8"	28°
SM-6	5/8"	1"	31°

INVERTED CONE



Order No.	Head Diameter	Flute Length	Included Angle
SN-1	1/4"	5/16"	10°
SN-2	3/8"	3/8"	13°
SN-4	1/2"	1/2"	28°
SN-6	5/8"	3/4"	18°
SN-7	3/4"	5/8"	30°

1/4" SHANK BUR SET



8 pc. set contains one each of:

- SA-5 SF-3
- SC-3 SF-5
- SC-5 SG-3
- SD-5 SL-4

Available in Single Cut and Double Cut

1/4" Shank is standard on all above burs.
3/8" Shank is available on all burs over 1/2" diameter

ALUMINUM CUT BURS

CYLINDRICAL



Order No.	Size	Shank Diameter
SA-1NF	1/4" x 3/4"	1/4"
SA-3NF	3/8" x 3/4"	1/4"
SA-5NF	1/2" x 1"	1/4"
SA-6NF	5/8" x 1"	1/4"
SA-7NF	3/4" x 1"	1/4"
SA-7NF3/8	3/4" x 1"	3/8"

CYLINDRICAL - RADIUS END



Order No.	Size	Shank Diameter
SC-1NF	1/4" x 3/4"	1/4"
SC-3NF	3/8" x 3/4"	1/4"
SC-5NF	1/2" x 1"	1/4"
SC-7NF	3/4" x 1"	1/4"
SC-7NF3/8	3/4" x 1"	3/8"

BALL




Order No.	Size	Shank Diameter
SD-1NF	1/4" Diam.	1/4"
SD-3NF	3/8" Diam.	1/4"
SD-5NF	1/2" Diam.	1/4"
SD-6NF	5/8" Diam.	1/4"
SD-7NF	3/4" Diam.	1/4"
SD-7NF3/8	3/4" Diam.	3/8"

A 3/8" Shank is Recommended on all Burs over 1/2" Cutting Diameter


ALUMINUM CUT BURS



OVAL		
Order No.	Size	Shank Diameter
SE-3NF	3/8" x 5/8"	1/4"
SE-5NF	1/2" x 7/8"	1/4"
SE-6NF	5/8" x 1"	1/4"
SE-7NF	3/4" x 1"	1/4"
SE-7NF3/8	3/4" x 1"	3/8"




TREE - RADIUS END		
Order No.	Size	Shank Diameter
SF-1NF	1/4" x 3/4"	1/4"
SF-3NF	3/8" x 3/4"	1/4"
SF-5NF	1/2" x 1"	1/4"
SF-6NF	5/8" x 1"	1/4"
SF-14-NF	3/4" x 1-1/4"	1/4"
SF-14NF3/8	3/4" x 1-1/4"	3/8"




14° TAPER - RADIUS END		
Order No.	Size	Shank Diameter
SL-3NF	3/8" x 1-1/16"	1/4"
SL-4NF	1/2" x 1-1/8"	1/4"
SL-5NF	5/8" x 1-3/16"	1/4"
SL-6NF	5/8" x 1-5/16"	1/4"
SL-7NF	3/4" x 1-1/2"	1/4"
SL-7NF3/8	3/4" x 1-1/2"	3/8"

A 3/8" Shank is Recommended on all Burs over 1/2" Cutting Diameter


LONG SHANK BURS - 1/4" SHANK - 6" LONG STEEL SHANK




CYLINDRICAL		
Order No.	Head Diameter	Flute Length
SA-1L6	1/4"	1/2"
SA-3L6	3/8"	3/4"
SA-5L6	1/2"	1"




CYLINDRICAL - RADIUS END		
Order No.	Head Diameter	Flute Length
SC-1L6	1/4"	1/2"
SC-3L6	3/8"	3/4"
SC-5L6	1/2"	1"




BALL		
Order No.	Head Diameter	Flute Length
SD-1L6	1/4"	3/16"
SD-3L6	3/8"	5/16"
SD-5L6	1/2"	7/16"




OVAL		
Order No.	Head Diameter	Flute Length
SE-1L6	1/4"	3/8"
SE-3L6	3/8"	5/8"
SE-5L6	1/2"	7/8"



TREE - RADIUS END		
Order No.	Head Diameter	Flute Length
SF-1L6	1/4"	1/2"
SF-3L6	3/8"	3/4"
SF-5L6	1/2"	1"



TREE - POINTED END		
Order No.	Head Diameter	Flute Length
SG-1L6	1/4"	1/2"
SG-3L6	3/8"	3/4"
SG-5L6	1/2"	1"



FLAME		
Order No.	Head Diameter	Flute Length
SH-2L6	5/16"	3/4"
SH-5L6	1/2"	1-1/4"



14° TAPER - RADIUS END		
Order No.	Head Diameter	Flute Length
SL-1L6	1/4"	5/16"
SL-3L6	3/8"	1-1/16"
SL-4L6	1/2"	1-1/8"



MINIATURE BURS - 1/8" SHANK - 1 1/2" OAL



	SA-41	SA-42	SA-43	SB-43	SB-ECO	SC-41	SC-42	SD-41	SD-42	SE-41	SF-41	SF-42	SG-41
Cut Diameter	1/16"	3/32"	1/8"	1/8"	1/8"	3/32"	1/8"	3/32"	1/8"	1/8"	1/8"	1/8"	1/8"
Flute Length	1/4"	7/16"	9/16"	9/16"	-	7/16"	9/16"	3/32"	1/8"	7/32"	1/4"	1/2"	1/4"



	SG-43	SG-44	SH-41	SJ-42	SK-42	SL-41	SL-42	SM-41	SM-42	SM-43	SN-41	SN-42
Cut Diameter	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	3/32"	1/8"
Flute Length	3/8"	1/2"	1/4"	3/32"	1/16"	3/8"	1/2"	11/32"	7/16"	5/8"	1/8"	3/16"
Taper				60° inc.	90° inc.	8°	8°	12°	14°	7°	10°	10°

SOLID CARBIDE MINIATURE BUR SET

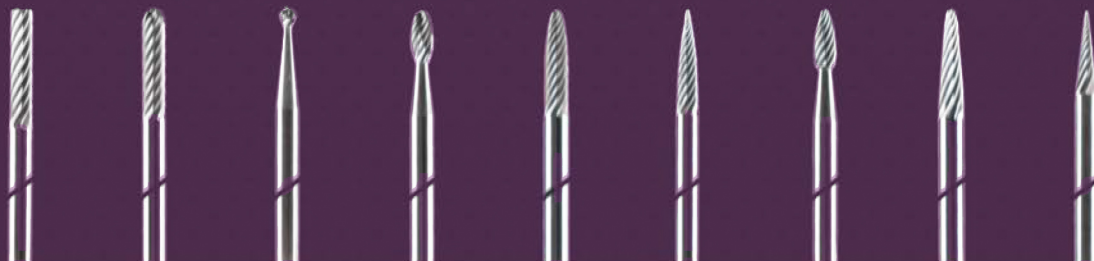


12 pc. set contains one each of:

- SA-42 SC-42 SF-42 SL-42
- SA-43 SD-42 SG-43 SM-42
- SC-41 SE-41 SH-41 SN-42

Available in Single Cut and Double Cut

MINIATURE BURS - EXTRA LONG
1/8" SHANK - 1/8" CUTTING DIAMETER - 2" OR 3" OAL



2" OAL	SA-43L2	SC-42L2	SD-42L2	SE-41L2	SF-42L2	SG-44L2	SH-41L2	SL-42L2	SM-42L2
3" OAL	SA-43L3	SC-42L3	SD-42L3	SE-41L3	SF-42L3	SG-44L3	SH-41L3	SL-42L3	SM-42L3
Flute Length	9/16"	9/16"	1/8"	7/32"	1/2"	1/2"	1/4"	1/2"	7/16"



MINIATURE BURS - 3/32" SHANK



Available in a 9 PC. Set
Single Cut or Double Cut

	SA-61	SA-63	SC-61	SD-61	SE-61	SF-61	SG-61	SM-61	SN-61
Cut Diameter	1/16"	3/32"	3/32"	3/32"	3/32"	3/32"	3/32"	3/32"	3/32"
Flute Length	1/4"	3/8"	3/8"	3/32"	1/8"	1/4"	1/4"	1/4"	1/8"

MINIATURE BURS - 3/16" SHANK - 2" OAL



Available in a 8 PC. Set
Single Cut or Double Cut

	SA-81	SC-81	SD-81	SE-81	SF-81	SG-81	SL-81	SN-81
Cut Diameter	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"
Flute Length	1/2"	1/2"	3/16"	9/32"	1/2"	1/2"	7/16"	1/4"

MINIATURE BURS - 1/8" SHANK - 1/4" CUTTING DIAMETER



Available in a 9 PC. Set
Single Cut or Double Cut

	SA-51	SB-51	SC-51	SD-51	SE-51	SF-51	SG-51	SM-51	SN-51
Cut Diameter	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Flute Length	1/2"	3/16"	1/2"	1/4"	3/8"	1/2"	1/2"	1/2"	1/4"
Taper								22°	10°



MINIATURE BURS - 1/8" SHANK - 5/32" AND 3/16" CUTTING DIAMETER



	SA-52	SA-53	SC-52	SC-53	SD-53	SE-53
Cut Diameter	5/32"	3/16"	5/32"	3/16"	3/16"	3/16"
Flute Length	1/2"	1/2"	1/2"	1/2"	3/16"	9/32"



	SF-53	SG-53	SH-53	SL-53	SM-53	SN-53
Cut Diameter	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"
Flute Length	1/2"	1/2"	3/8"	1/2"	1/2"	1/4"
Taper				14°	16°	10°



AVAILABLE IN 12 PC. SET
Single Cut and Double Cut

DIAMOND CUT ROUTERS

Order No.	Header Diameter	Flute Length	Shank Diameter	Overall Length
GR-1	1/16"	3/16"	1/8"	1-1/2"
GR 1-1	3/32"	3/8"	1/8"	1-1/2"
GR-2	1/8"	1/2"	1/8"	1-1/2"
GR-3	3/16"	5/8"	3/16"	2"
GR-4	3/16"	5/8"	1/4"	2"
GR-5	1/4"	3/4"	1/4"	2"
GR-6	1/4"	3/4"	1/4"	2-1/2"
GR 6-1	1/4"	1"	1/4"	3"
GR-7	5/16"	1"	5/16"	2-1/2"
GR-8	3/8"	1"	3/8"	2-1/2"
GR-9	1/2"	1"	1/2"	3"



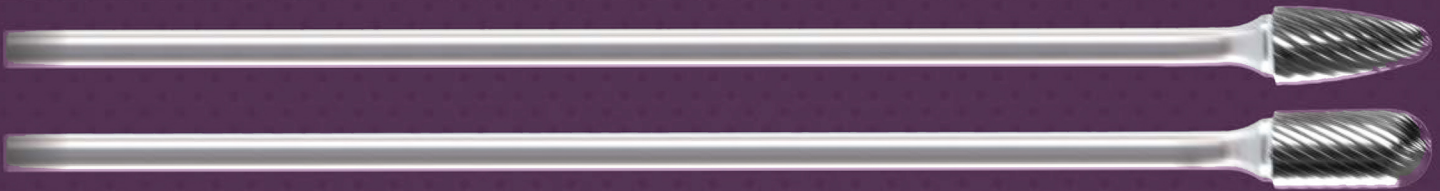
Style A	Style B	Style C	Style D
No End Cut	Bur End	End Mill End	Drill End

TO ORDER: Please specify order number and style
Example: GR-5B



LONG SHANK CARBIDE BURS

Long Shank Carbide Burs are designed to be used on hard to reach areas.



Long Shank Carbide Burs are available in Lengths of 3" to 30"

TO ORDER: Specify Tool No., Shank Diameter and Shank Length.

EXAMPLE: SF-5 1/4" x 12" Shank

FLEXIBLE SHANK CARBIDE BURS

Flexible shank tools are best suited to clean castings with areas that are difficult to reach with standard or long shank burs. Examples of castings that may require a flex-shank to clean are pump impellers, pump casings and turbine blade assemblies.



Any shape or size of carbide bur can be mounted on a flex-shank.

Flex-shank tools are available in shank diameters of 1/8", 3/16", 1/4", 3/8", please specify length.

Flex-shank configuration is safest and most effective when used within a copper sleeve for directional control.

TO ORDER: Specify Tool No., Shank Diameter and Shank Length.

EXAMPLE: SF-5 1/4" x 16" FLEX

SOLID CARBIDE WHEELS

FLAT SIDE



Tool No.	Diameter	Thickness
CW-1	1/4"	3/32"
CW-2	5/16"	3/32"
CW-3	3/8"	1/8"
CW-4	1/2"	1/8"
CW-5	5/8"	1/8"
CW-6	3/4"	5/32"
CW-7	7/8"	5/32"
CW-8	1"	3/16"

RADIUS SIDE



Tool No.	Diameter	Thickness
CWR-1	1/4"	3/32"
CWR-2	5/16"	3/32"
CWR-3	3/8"	1/8"
CWR-4	1/2"	1/8"
CWR-5	5/8"	1/8"
CWR-6	3/4"	5/32"
CWR-7	7/8"	5/32"
CWR-8	1"	3/16"

1/8" SHANK SUPPLIED STANDARD ON 1/4" AND 5/16" DIAMETER WHEELS.

1/4" SHANK SUPPLIED STANDARD ON 3/8" THRU 1" DIAMETER WHEELS.

3/8" SHANK AVAILABLE ON 3/4" THRU 1" DIAMETER WHEELS.



Phone: 519-968-3367

www.componentguys.com

"DIAMOND-CUT"

For "Fine" Adjustment of acrylics, composites and porcelains. Small sizes are ideal for final trimming and finishing in "hard to reach" areas.



(D-2) (D-4) (D-5) (D-6) (D-7) (D-8)

6 Piece
"Diamond-Cut"
Assortment

KIT

"COARSE-CUT"

"Fastest" for acrylics and all metals, including non-precious and chrome cobalt.



(84-T/XC) (82-T/XC) (63-B/XC) (53-A/XC) (52-D/XC) (52-C/XC)

6 Piece
"Coarse-Cut"
Assortment

KIT

"FINE-CUT"

For "chairside" adjustment of acrylics and metals - leaves a smooth finish.



(84-T/XF) (82-T/XF) (63-B/XF) (53-A/XF) (52-D/XF) (52-C/XF)

6 Piece
"Fine-Cut"
Assortment

KIT

"REGULAR-CUT"

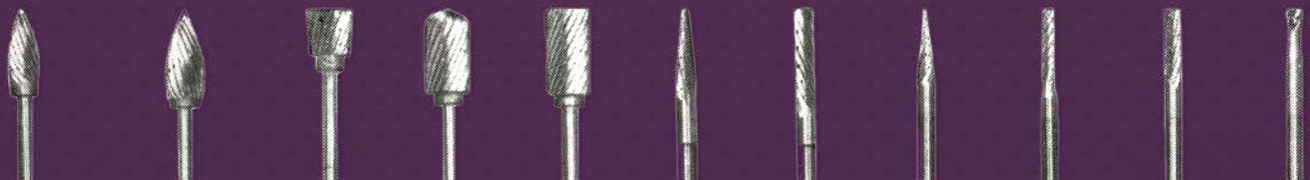
"Standard" for adjusting acrylics and metals.



(84-T) (82-T) (63-B) (53-A) (52-D) (52-C)

6 Piece
"Regular-Cut"
Assortment

KIT



(51-A) (61-A/81-A) (73-C) (88-A) (83-E) (41-P) (44-C) (31-P) (32-P) (33-C) (71-G)

"Special-Cut"

For "clog-free" bulk reduction of acrylic, plaster and stone.



(84-T/SP) (88-A/SP)

"47-Series"

Special internationally popular shaper available in both "Fine-Cut" and "Coarse-Cut".



(41-XF) (47-XC)

