



*sutton*tools

# CARBIDE BURRS

- Double Cut ▪ Aluminium Cut ▪ Comprehensive range of shapes
- Standard & extra length available ▪ Sets ▪ Die Grinder Kit

ISO	VDI	Material Group	Sutton
P	A	Steel	N
M	R	Stainless Steel	VA
K	F	Cast Iron	GG
N	N	Non-Ferrous Metals, Aluminiums & Coppers	Al W
S	S	Titaniums & Super Alloys	Ti Ni
H	H	Hard Materials (≥ 45 HRC)	H

1/4"	172	172	172	174	174	174	176	176	176
6mm	173		173	175		175	177		177
	B200	B210	B215	B201	B211	B216	B202	B212	B217
	B300		B315	B301		B316	B302		B317
	VHM			VHM			VHM		
	Brt			Brt			Brt		
	Steel		Aluminium	Steel		Aluminium	Steel		Aluminium
	Sutton Standard			Sutton Standard			Sutton Standard		
	Double Cut		Al Cut	Double Cut		Al Cut	Double Cut		Al Cut

^ VDI 3323 material groups can also be determined by referring to the material cross reference listing in the application guide at the back of this catalogue.

For expert tooling recommendations, go to: [www.suttontools.com/expert-tool-selector](http://www.suttontools.com/expert-tool-selector)

Catalogue Code (1/4" Shank)  
 Catalogue Code (6mm Shank)  
 Material  
 Surface Finish  
 Sutton Designation  
 Standard  
 Geometry

ISO	VDI <sup>3323</sup>	Material	Condition	HB	N/mm <sup>2</sup>										
P	1	Steel - Non-alloy, cast & free cutting	~ 0.15 %C	A	125	440	●	●	○	●	●	○	●	●	○
	2		~ 0.45 %C	A	190	640	●	●	○	●	●	○	●	●	○
	3		~ 0.75 %C	QT	250	840	●	●		●	●		●	●	
	4			A	270	910	●	●		●	●		●	●	
	5			QT	300	1010	○	○		○	○		○	○	
	6	Steel - Low alloy & cast < 5% of alloying elements	A	180	610	●	●	○	●	●	○	●	●	○	
	7		QT	275	930	●	●		●	●		●	●		
	8		QT	300	1010	○	○		○	○		○	○		
	9		QT	350	1180	○	○		○	○		○	○		
	10	Steel - High alloy, cast & tool	A	200	680	○	○		○	○		○	○		
	11		HT	325	1100	○	○		○	○		○	○		
	12	Steel - Corrosion resistant & cast	Ferritic / Martensitic	A	200	680	○	○		○	○		○	○	
	13		Martensitic	QT	240	810	○	○		○	○		○	○	
M	14.1	Stainless Steel	Austenitic	AH	180	610	●	●		●	●		●	●	
	14.2		Duplex		250	840	○	○		○	○		○	○	
	14.3		Precipitation Hardening		250	840	○	○		○	○		○	○	
K	15	Cast Iron - Grey (GG)	Ferritic / Pearlitic		180	610	●	●		●	●		●	●	
	16		Pearlitic		260	880	○	○		○	○		○	○	
	17	Cast Iron - Nodular (GGG)	Ferritic		160	570	●	●		●	●		●	●	
	18		Pearlitic		250	840	○	○		○	○		○	○	
	19	Cast Iron - Malleable	Ferritic		130	460	●	●		●	●		●	●	
20	Pearlitic			230	780	●	●		●	●		●	●		
N	21	Aluminum & Magnesium - wrought alloy	Non Heat Treatable		60	210									●
	22		Heat Treatable	AH	100	360									●
	23	Aluminum & Magnesium - cast alloy ≤12% Si	Non Heat Treatable		75	270									●
	24		Heat Treatable	AH	90	320									●
	25	Al & Mg - cast alloy >12% Si	Non Heat Treatable		130	460									●
	26	Copper & Cu alloys (Brass/Bronze)	Free cutting, Pb > 1%		110	390									○
	27		Brass (CuZn, CuSnZn)		90	320									
	28		Bronze (CuSn)		100	360									●
	29	Non-metallic - Thermosetting & fiber-reinforced plastics													
	30	Non-metallic - Hard rubber, wood etc.													
S	31	High temp. alloys	Fe based	A	200	680									
	32			AH	280	950									
	33		Ni / Co based	A	250	840									
	34			AH	350	1180									
	35			C	320	1080									
	36	Titanium & Ti alloys	CP Titanium		400 MPa										
	37.1		Alpha alloys		860 MPa										
	37.2		Alpha / Beta alloys	A	960 MPa										
37.3	AH			1170 MPa											
37.4	Beta alloys		A	830 MPa											
37.5	AH	1400 MPa													
H	38.1	Hardened steel	HT	45 HRC			○	○		○	○		○	○	
	38.2		HT	55 HRC		○	○		○	○		○	○		
	39.1		HT	58 HRC											
	39.2		HT	62 HRC											
	40	Cast Iron	Chilled	C	400	1350	○	○		○	○		○	○	
41	HT		55 HRC		○	○		○	○		○	○			

Condition: A (Annealed), AH (Age Hardened), C (Cast), HT (Hardened & Tempered), QT (Quenched & Tempered)

178	178	180	180	180	182	183	184	184	184	186	187	
179		181		181	182	183	185			186		
B203	B218	B204	B213	B219	B205	B206	B207	B214	B220	B208	B209	
B303		B304		B319	B305	B306	B307			B308		
<b>VHM</b>		<b>VHM</b>		<b>VHM</b>	<b>VHM</b>	<b>VHM</b>			<b>VHM</b>	<b>VHM</b>		
<i>Brt</i>		<i>Brt</i>		<i>Brt</i>	<i>Brt</i>	<i>Brt</i>			<i>Brt</i>	<i>Brt</i>		
Steel	Aluminium	Steel		Aluminium	Steel	Steel	Steel		Aluminium	Steel	Steel	
Sutton Standard		Sutton Standard			Sutton Standard	Sutton Standard	Sutton Standard			Sutton Standard	Sutton Standard	
Double Cut	AI Cut	Double Cut		AI Cut	Double Cut	Double Cut	Double Cut		AI Cut	Double Cut	Double Cut	
VDI 3323 ISO												
●	○	●	●	○	●	●	●	●	○	●	●	1
●	○	●	●	○	●	●	●	●	○	●	●	2
●		●	●		●	●	●	●		●	●	3
●		●	●		●	●	●	●		●	●	4
○		○	○		○	○	○	○		○	○	5
●	○	●	●	○	●	●	●	●	○	●	●	6
●		●	●		●	●	●	●		●	●	7
○		○	○		○	○	○	○		○	○	8
○		○	○		○	○	○	○		○	○	9
○		○	○		○	○	○	○		○	○	10
○		○	○		○	○	○	○		○	○	11
○		○	○		○	○	○	○		○	○	12
○		○	○		○	○	○	○		○	○	13
●		●	●		●	●	●	●		●	●	14.1
○		○	○		○	○	○	○		○	○	14.2
○		○	○		○	○	○	○		○	○	14.3
●		●	●		●	●	●	●		●	●	15
○		○	○		○	○	○	○		○	○	16
●		●	●		●	●	●	●		●	●	17
○		○	○		○	○	○	○		○	○	18
●		●	●		●	●	●	●		●	●	19
●		●	●		●	●	●	●		●	●	20
	●			●					●			21
	●			●					●			22
	●			●					●			23
	●			●					●			24
	●			●					●			25
	○			○					○			26
	●			●					●			27
												28
												29
												30
												31
												32
												33
												34
												35
												36
												37.1
												37.2
												37.3
												37.4
												37.5
○		○	○		○	○	○	○		○	○	38.1
○		○	○		○	○	○	○		○	○	38.2
												39.1
												39.2
○		○	○		○	○	○	○		○	○	40
○		○	○		○	○	○	○		○	○	41

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B900 SCB100



B900 SCB300



B900 SCB500



B900 SCB5





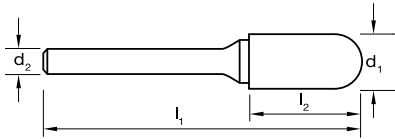
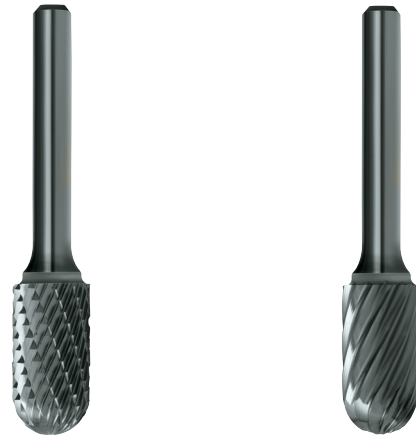




# Carbide Burrs Cylindrical, Radius End

**suttontools**

- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.
- Al Cut, for rapid stock removal of soft materials such as:  
Aluminium, Brass, Copper, Plastics that would normally load other cuts



Catalogue Code	<b>B301</b>	<b>B316</b>
Discount Group	B0102	B0102
Material	<b>VHM</b>	<b>VHM</b>
Surface Finish	<i>Br</i>	<i>Br</i>
Application	<b>Steel</b>	<b>Aluminium</b>
Geometry	Double Cut	Al Cut
Shank	6mm	6mm

Size Ref.	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Item #	Item #
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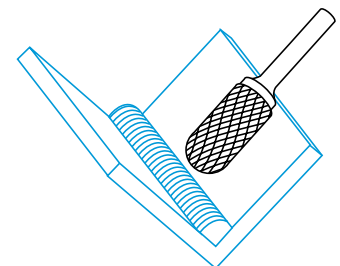
**METRIC**

**Double Cut**

<b>SC100</b>	<b>6.0</b>	51.0	15.9	6.0	B301 SC100	
<b>SC200</b>	<b>7.9</b>	64.0	19.1	6.0	B301 SC200	
<b>SC300</b>	<b>9.5</b>	64.0	19.1	6.0	B301 SC300	
<b>SC400</b>	<b>11.1</b>	70.0	25.4	6.0	B301 SC400	
<b>SC500</b>	<b>12.7</b>	70.0	25.4	6.0	B301 SC500	
<b>SC600</b>	<b>15.9</b>	70.0	25.4	6.0	B301 SC600	

**Aluminium Cut**

<b>SC1AC</b>	<b>6.0</b>	51.0	15.9	6.0		B316 SC1AC
<b>SC3AC</b>	<b>9.5</b>	64.0	19.1	6.0		B316 SC3AC
<b>SC5AC</b>	<b>12.7</b>	70.0	25.4	6.0		B316 SC5AC



**Cylindrical Round**

ISO	P											M					K					N					S					H																				
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41			
<b>B301</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
<b>B316</b>	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

**P** Steel **M** Stainless Steel **K** Cast Iron **N** Non-Ferrous Metals **S** Titanium & Super Alloys **H** Hard Materials

● Optimal ○ Effective



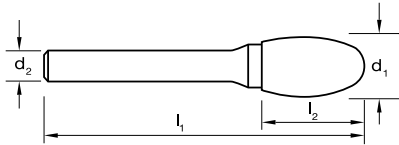




# Carbide Burrs Oval Shape

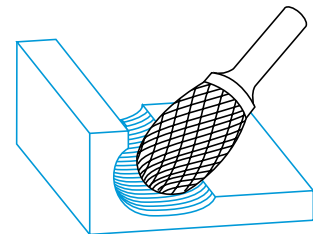
**suttontools**

- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.
- Al Cut, for rapid stock removal of soft materials such as: Aluminium, Brass, Copper, Plastics that would normally load other cuts



Catalogue Code	<b>B203</b>	<b>B218</b>
Discount Group	B0102	B0102
Material	<b>VHM</b>	<b>VHM</b>
Surface Finish	<i>Br</i>	<i>Br</i>
Application	<b>Steel</b>	<b>Aluminium</b>
Geometry	Double Cut	Al Cut
Shank	1/4"	1/4"

Size Ref.	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Item #	Item #
<b>IMPERIAL</b>						
<b>Double Cut</b>						
SE410	1/8	1-1/2	7/32	1/8	B203 SE410	
SE510	1/4	2-1/8	3/8	1/8	B203 SE510	
SE100	1/4	2	3/8	1/4	B203 SE100	
SE300	3/8	2-11/32	19/32	1/4	B203 SE300	
SE500	1/2	2-5/8	7/8	1/4	B203 SE500	
SE600	5/8	2-3/4	1	1/4	B203 SE600	
SE700	3/4	2-3/4	1	1/4	B203 SE700	
<b>Aluminium Cut</b>						
SE3AC	3/8	2-11/32	19/32	1/4		B218 SE3AC
SE5AC	1/2	2-5/8	7/8	1/4		B218 SE5AC
SE6AC	5/8	2-3/4	1	1/4		B218 SE6AC



Oval Shape

ISO	P										M			K				N							S							H																			
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41		
B203	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
B218	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

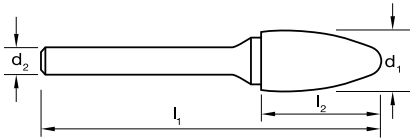
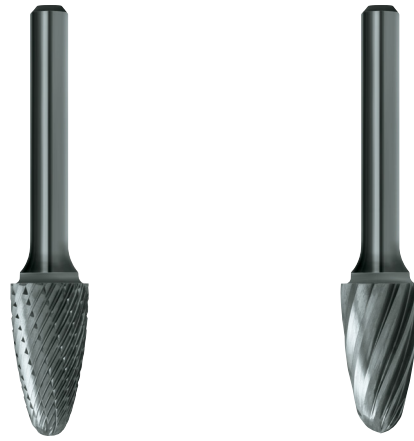
● Optimal ○ Effective



# Carbide Burrs Tree Shape, Radius End

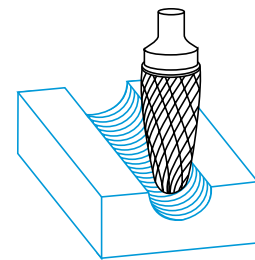
**suttontools**

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- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.
- AI Cut, for rapid stock removal of soft materials such as: Aluminium, Brass, Copper, Plastics that would normally load other cuts



Catalogue Code	<b>B204</b>	<b>B219</b>
Discount Group	B0102	B0102
Material	<b>VHM</b>	<b>VHM</b>
Surface Finish	<b>Brt</b>	<b>Brt</b>
Application	<b>Steel</b>	<b>Aluminium</b>
Geometry	Double Cut	AI Cut
Shank	1/4"	1/4"

Size Ref.	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Item #	Item #
<b>IMPERIAL</b>						
<b>Double Cut</b>						
SF410	1/8	1-1/2	1/4	1/8	B204 SF410	
SF420	1/8	1-1/2	1/2	1/8	B204 SF420	
SF510	1/4	2	1/2	1/8	B204 SF510	
SF100	1/4	2	5/8	1/4	B204 SF100	
SF300	3/8	2-1/2	3/4	1/4	B204 SF300	
SF400	7/16	2-3/4	1	1/4	B204 SF400	
SF500	1/2	2-3/4	1	1/4	B204 SF500	
SF600	5/8	2-3/4	1	1/4	B204 SF600	
SF700	3/4	2-3/4	1	1/4	B204 SF700	
SF140	3/4	2-3/4	1-1/4	1/4	B204 SF140	
SF150	3/4	3-1/4	1-1/2	1/4	B204 SF150	
<b>Double Cut, Long Reach</b>						
SF3L6	3/8	6-3/4	3/4	1/4	B213 SF3L6	
SF5L6	1/2	7	1	1/4	B213 SF5L6	
<b>Aluminium Cut</b>						
SF1AC	1/4	2	3/4	1/4		B219 SF1AC
SF3AC	3/8	2-1/2	3/4	1/4		B219 SF3AC
SF5AC	1/2	2-3/4	1	1/4		B219 SF5AC
SF6AC	5/8	2-3/4	1	1/4		B219 SF6AC



Tree Shape Radius

ISO	P													M			K				N							S							H														
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
B204	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
B213	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
B219	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

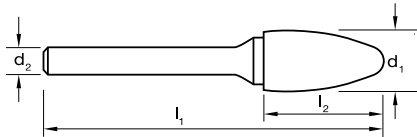
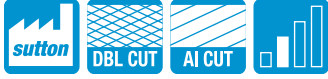
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burrs Tree Shape, Radius End

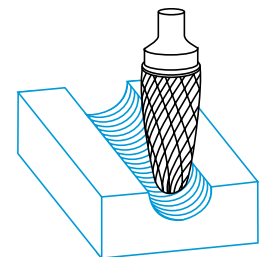
**suttontools**

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- Al Cut, for rapid stock removal of soft materials such as:  
Aluminium, Brass, Copper, Plastics that would normally load other cuts



Catalogue Code	<b>B304</b>	<b>B319</b>
Discount Group	B0102	B0102
Material	<b>VHM</b>	<b>VHM</b>
Surface Finish	<i>Br</i>	<i>Br</i>
Application	<b>Steel</b>	<b>Aluminium</b>
Geometry	Double Cut	Al Cut
Shank	6mm	6mm

Size Ref.	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Item #	Item #
<b>METRIC</b>						
<b>Double Cut</b>						
<b>SF100</b>	<b>6.0</b>	51.0	15.9	6.0	B304 SF100	
<b>SF300</b>	<b>9.5</b>	64.0	19.1	6.0	B304 SF300	
<b>SF400</b>	<b>11.1</b>	70.0	25.4	6.0	B304 SF400	
<b>SF500</b>	<b>12.7</b>	70.0	25.4	6.0	B304 SF500	
<b>Aluminium Cut</b>						
<b>SF3AC</b>	<b>9.5</b>	64.0	19.1	6.0		B319 SF3AC
<b>SF5AC</b>	<b>12.7</b>	70.0	25.4	6.0		B319 SF5AC
<b>SF6AC</b>	<b>15.9</b>	70.0	25.4	6.0		B319 SF6AC



Tree Shape Radius

ISO	P													M				K				N						S						H																
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41	
<b>B304</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>B319</b>	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

Section Finder





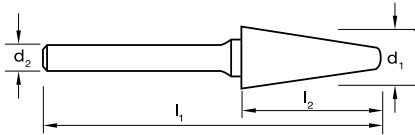




# Carbide Burrs Taper Shape

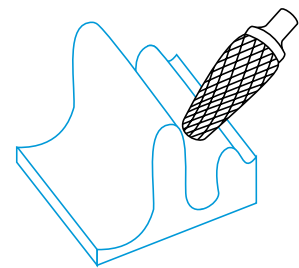
**suttontools**

- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.



Catalogue Code	<b>B307</b>
Discount Group	B0102
Material	<b>VHM</b>
Surface Finish	<b>Brf</b>
Application	<b>Steel</b>
Geometry	Double Cut
Shank	6mm

Size Ref.	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Rad	Item #
<b>METRIC</b>						
<b>Double Cut</b>						
<b>SL100</b>	<b>6.0</b>	51.0	15.9	6.0	14	B307 SL100
<b>SL200</b>	<b>7.9</b>	67.0	22.2	6.0	14	B307 SL200
<b>SL300</b>	<b>9.5</b>	71.0	27.0	6.0	14	B307 SL300
<b>SL400</b>	<b>12.7</b>	73.0	28.6	6.0	14	B307 SL400
<b>SL600</b>	<b>15.9</b>	78.0	33.3	6.0	14	B307 SL600



Taper Shape

ISO	P													M				K				N							S							H																		
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41					
<b>B307</b>	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

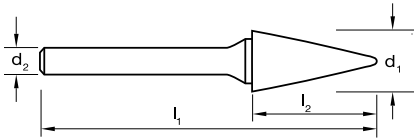
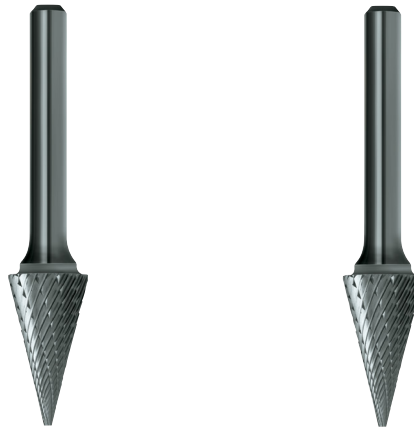
**P** Steel   **M** Stainless Steel   **K** Cast Iron   **N** Non-Ferrous Metals   **S** Titanium & Super Alloys   **H** Hard Materials   ● Optimal ○ Effective

Section Finder

# Carbide Burrs Cone Shape

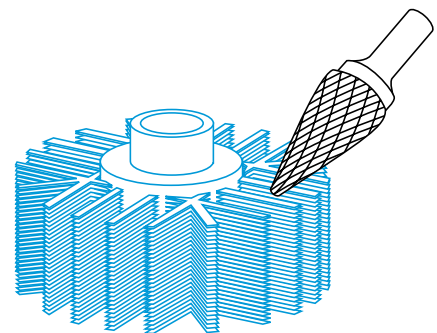
**suttontools**

- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.



Catalogue Code	<b>B208</b>	<b>B308</b>
Discount Group	B0102	B0102
Material	<b>VHM</b>	<b>VHM</b>
Surface Finish	<b>Br</b>	<b>Br</b>
Application	<b>Steel</b>	<b>Steel</b>
Geometry	Double Cut	Double Cut
Shank	1/4"	6mm

Size Ref.	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Angle	Item #	Item #
<b>IMPERIAL</b>							
<b>Double Cut</b>							
SM420	1/8	1-1/2	1/2	1/8		B208 SM420	
SM430	1/8	1-1/2	5/8	1/8		B208 SM430	
SM510	1/4	2	1/2	1/8		B208 SM510	
SM100	1/4	2	1/2	1/4		B208 SM100	
SM200	1/4	2	3/4	1/4		B208 SM200	
SM300	1/4	2	1	1/4		B208 SM300	
SM400	3/8	2-1/2	3/4	1/4		B208 SM400	
SM500	1/2	2-3/4	1	1/4		B208 SM500	
SM600	5/8	2-7/8	1-1/8	1/4		B208 SM600	
<b>METRIC</b>							
<b>Double Cut</b>							
SM300	6.0	51.0	25.4	6.0			B308 SM300
SM400	9.5	64.0	19.1	6.0			B308 SM400
SM500	12.7	70.0	25.4	6.0			B308 SM500
SM600	15.9	73.0	28.6	6.0			B308 SM600



Cone Shape

ISO	P										M			K				N							S							H																			
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41		
B208	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
B308	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

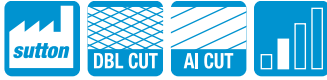




# Carbide Burrs Sets

## suttontools

All sets packed in ABS case (industrial grade plastic material).



B900 SCB100

Catalogue Code	<b>B900</b>
Discount Group	B0102
Material	<b>VHM</b>
Surface Finish	<b>Br</b>
Application	-
Geometry	-
Shank	1/4"

Size Ref.	Description	d <sub>1</sub>	d <sub>2</sub>	Qty	Item #
<b>Burr Sets</b>					
<b>Type</b>	<b>Cyl/Sq</b>	<b>Cyl/Rad</b>	<b>Ball</b>	<b>Tree/Rad</b>	<b>Cyl/Sq -Al</b>
<b>SCB100</b>	SA100	SC100	SD100	SF100	SC1AC
					<b>1/4</b>
					1/4
					5
					B900 SCB100
<b>SCB300</b>	SA300	SC300	SD300	SF300	SC3AC
					<b>3/8</b>
					1/4
					5
					B900 SCB300
<b>SCB500</b>	SA500	SC500	SD500	SF500	SC5AC
					<b>1/2</b>
					1/4
					5
					B900 SCB500
<b>SCB5</b>	SA300	SC300	SC500	SF300	SF500
					<b>3/8 &amp; 1/2</b>
					1/4
					5
					B900 SCB5



B900 SCB100



B900 SCB300



B900 SCB500



B900 SCB5

## Carbide Burrs Die Grinder Kit

# suttontools

Sutton Tools Die Grinder is the perfect tool for detailed metal or woodwork providing precise clean cuts. Use it with Sutton Tools range of carbide burrs to sculpt and shape harder materials.

Suitable for grinding back and neatening welds, porting, polishing and woodworking applications.

### Features:

- Quick release attachment
- Trigger with safety latch prevent accidental operation
- Adjusting knob controls speed of rotation

### Specifications:




- Collet capacity: 1/8, 1/4, 3 & 6mm
- No load speed: 25,000 RPM
- Air Pressure: 90 PSI
- Overall Length: 165mm
- Net Weight: 557g



Discount Group: B0102

Description	Contents	Item #
Die Grinder Kit	Pneumatic Die Grinder 4 collets: 1/8, 1/4, 3 & 6mm 2 x wrenches	B902 B902 0002

### Recommended Cutting Speeds (RPM) – Standard Length Burrs

Diameter	 Steels & Alloys	 Stainless Steel	 Aluminium	Max RPM
	Double Cut	Double Cut	Aluminium Cut	
1/16	33,000	50,000	-	78,000
3/32	26,000	40,000	-	60,000
1/8	23,000	35,000	-	53,000
3/16	17,000	25,000	-	38,000
1/4	15,000	22,000	30,000	33,000
5/16	13,000	20,000	25,000	30,000
3/8	12,000	18,000	20,000	27,000
7/16	11,500	17,000	18,000	26,000
1/2	11,000	16,000	15,000	24,000
5/8	10,000	15,000	12,000	23,000
3/4	9,000	14,000	10,000	21,000
7/8	8,500	13,000	-	20,000
1"	8,000	12,000	-	18,000

**Note:** Reduce cutting speeds by 50% when using long shank carbide burrs.

