











*sutton*tools

# CARBIDE BURS

- Double Cut ▪ Aluminium Cut ▪ Comprehensive range of shapes
- Standard & extra length available ▪ Sets & merchandisers ▪ 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

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

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	

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		Ferritic		130	460	●	●		●	●		●	●	
20	Cast Iron - Malleable	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)

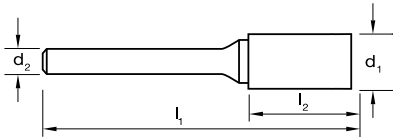
178	178	180	180	180	182	183	184	184	184	186	187	
179		181		181	182	183	185			186		
B203	B218	B204	B213	B219	B205	B206	B207	B214	B220	B208	B209	
B303		B304		B319	B305	B306	B307			B308		
<b>VHM</b>		<b>VHM</b>		<b>VHM</b>	<b>VHM</b>	<b>VHM</b>		<b>VHM</b>	<b>VHM</b>	<b>VHM</b>		
<i>Brt</i>		<i>Brt</i>		<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
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												32
												33
												34
												35
												36
												37.1
												37.2
												37.3
												37.4
												37.5
○		○	○		○	○	○	○		○	○	38.1
○		○	○		○	○	○	○		○	○	38.2
												39.1
○		○	○		○	○	○	○		○	○	40
○		○	○		○	○	○	○		○	○	41

188	
	B900 SCB100 B901 SCB100
	B900 SCB300 B901 SCB300
	B900 SCB5
	B900 BM20
	B900 BM98

# Carbide Burs Cylindrical, Square End

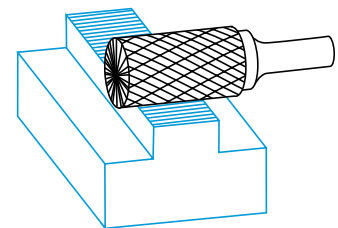
## suttontools

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



Catalogue Code	<b>B200</b>	<b>B215</b>
Discount Group	B0102	B0102
Material	<b>VHM</b>	<b>VHM</b>
Surface Finish	<i>Br</i>	<i>Br</i>
Application	Steel	Aluminium
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 #	List Price	Item #	List Price
<b>IMPERIAL</b>								
<b>Double Cut</b>								
SA410	1/16	1-1/2	1/4	1/8	B200 SA410	\$24.01		
SA420	3/32	1-1/2	7/16	1/8	B200 SA420	\$24.01		
SA430	1/8	1-1/2	9/16	1/8	B200 SA430	\$24.01		
SA510	1/4	2	3/16	1/8	B200 SA510	\$39.73		
SA140	3/16	2	5/8	1/4	B200 SA140	\$44.10		
SA100	1/4	2	5/8	1/4	B200 SA100	\$46.05		
SA200	5/16	2-1/2	3/4	1/4	B200 SA200	\$55.48		
SA300	3/8	2-1/2	3/4	1/4	B200 SA300	\$56.65		
SA400	7/16	2-3/4	1	1/4	B200 SA400	\$83.64		
SA500	1/2	2-3/4	1	1/4	B200 SA500	\$89.53		
SA600	5/8	2-3/4	1	1/4	B200 SA600	\$113.13		
SA700	3/4	2-3/4	1	1/4	B200 SA700	\$167.21		
SA900	1	2-3/4	1	1/4	B200 SA900	\$234.18		
<b>Double Cut, Long Reach</b>								
<b>B210</b>								
SA3L6	3/8	6-3/4	3/4	1/4	B210 SA3L6	\$87.77		
SA5L6	1/2	7	1	1/4	B210 SA5L6	\$136.76		
<b>Aluminium Cut</b>								
SA1AC	1/4	2	3/4	1/4			B215 SA1AC	\$55.48
SA3AC	3/8	2-1/2	3/4	1/4			B215 SA3AC	\$82.64
SA5AC	1/2	2-3/4	1	1/4			B215 SA5AC	\$121.01
SA6AC	5/8	2-3/4	1	1/4			B215 SA6AC	\$148.57
SA7AC	3/4	2-3/4	1	1/4			B215 SA7AC	\$204.64



Cylindrical Square

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			
B200	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
B210	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
B215	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

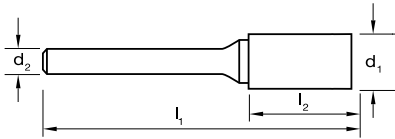
P Steel 
 M Stainless Steel 
 K Cast Iron 
 N Non-Ferrous Metals 
 S Titanium & Super Alloys 
 H Hard Materials

● Optimal 
 ○ Effective

# Carbide Burs Cylindrical, Square End

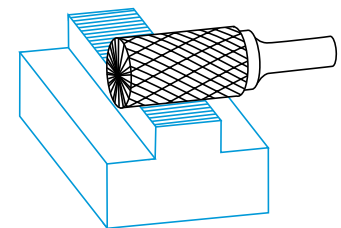
**suttontools**

- 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>B300</b>	<b>B315</b>
Discount Group	B0102	B0102
Material	<b>VHM</b>	<b>VHM</b>
Surface Finish	<i>Brt</i>	<i>Brt</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 #	List Price	Item #	List Price
<b>METRIC</b>								
<b>Double Cut</b>								
<b>SA140</b>	<b>4.8</b>	51.0	15.9	6.0	B300 SA140	<b>\$44.10</b>		
<b>SA100</b>	<b>6.0</b>	51.0	15.9	6.0	B300 SA100	<b>\$46.05</b>		
<b>SA200</b>	<b>7.9</b>	64.0	19.1	6.0	B300 SA200	<b>\$55.48</b>		
<b>SA300</b>	<b>9.5</b>	64.0	19.1	6.0	B300 SA300	<b>\$56.65</b>		
<b>SA500</b>	<b>13.0</b>	70.0	25.4	6.0	B300 SA500	<b>\$89.53</b>		
<b>SA600</b>	<b>15.9</b>	70.0	25.4	6.0	B300 SA600	<b>\$113.13</b>		
<b>Aluminium Cut</b>								
<b>SA3AC</b>	<b>9.5</b>	64.0	19.1	6.0			B315 SA3AC	<b>\$82.64</b>



**Cylindrical Square**

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>B300</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>B315</b>	○	○				○																		●	●	●	●	●	○																					

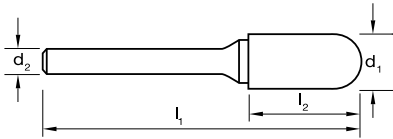
**P** Steel **M** Stainless Steel **K** Cast Iron **N** Non-Ferrous Metals **S** Titanium & Super Alloys **H** Hard Materials

● Optimal ○ Effective

# Carbide Burs Cylindrical, Radius End

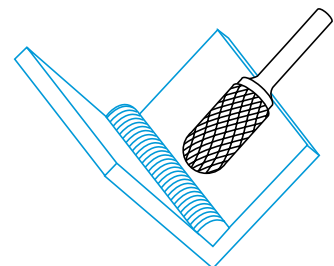
## suttontools

- 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.
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Catalogue Code	<b>B201</b>	<b>B216</b>
Discount Group	B0102	B0102
Material	<b>VHM</b>	<b>VHM</b>
Surface Finish	<i>Br</i>	<i>Br</i>
Application	Steel	Aluminium
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 #	List Price	Item #	List Price
<b>IMPERIAL</b>								
<b>Double Cut</b>								
SC410	3/32	1-1/2	1/2	1/8	B201 SC410	\$24.01		
SC420	1/8	1-1/2	1/2	1/8	B201 SC420	\$24.01		
SC510	1/4	2	1/2	1/8	B201 SC510	\$39.73		
SC120	1/8	2	1/2	1/4	B201 SC120	\$48.01		
SC140	3/16	2	5/8	1/4	B201 SC140	\$50.36		
SC100	1/4	2	5/8	1/4	B201 SC100	\$50.36		
SC200	5/16	2-1/2	3/4	1/4	B201 SC200	\$58.64		
SC300	3/8	2-1/2	3/4	1/4	B201 SC300	\$64.94		
SC400	7/16	2-3/4	1	1/4	B201 SC400	\$92.47		
SC500	1/2	2-3/4	1	1/4	B201 SC500	\$100.34		
SC600	5/8	2-3/4	1	1/4	B201 SC600	\$125.93		
SC700	3/4	2-3/4	1	1/4	B201 SC700	\$182.02		
<b>Double Cut, Long Reach</b>								
SC3L6	3/8	6-3/4	3/4	1/4	B211 SC3L6	\$98.39		
SC5L6	1/2	7	1	1/4	B211 SC5L6	\$153.50		
<b>Aluminium Cut</b>								
SC1AC	1/4	2	5/8	1/4			B216 SC1AC	\$61.99
SC3AC	3/8	2-1/2	3/4	1/4			B216 SC3AC	\$82.64
SC5AC	1/2	2-3/4	1	1/4			B216 SC5AC	\$121.01
SC7AC	3/4	2-3/4	1	1/4			B216 SC7AC	\$252.83



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			
B201	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
B211	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
B216	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

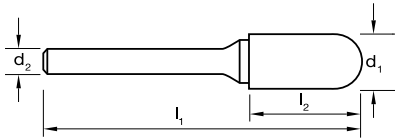
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burs Cylindrical, Radius End

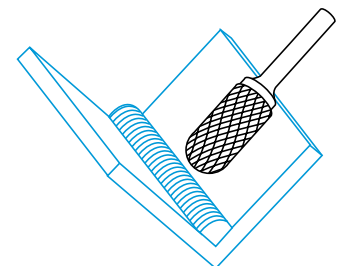
**suttontools**

- 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 #	List Price	Item #	List Price
<b>METRIC</b>								
<b>Double Cut</b>								
<b>SC100</b>	<b>6.0</b>	51.0	15.9	6.0	B301 SC100	<b>\$50.36</b>		
<b>SC200</b>	<b>7.9</b>	64.0	19.1	6.0	B301 SC200	<b>\$58.64</b>		
<b>SC300</b>	<b>9.5</b>	64.0	19.1	6.0	B301 SC300	<b>\$64.94</b>		
<b>SC400</b>	<b>11.1</b>	70.0	25.4	6.0	B301 SC400	<b>\$92.47</b>		
<b>SC500</b>	<b>12.7</b>	70.0	25.4	6.0	B301 SC500	<b>\$100.34</b>		
<b>SC600</b>	<b>15.9</b>	70.0	25.4	6.0	B301 SC600	<b>\$125.93</b>		
<b>Aluminium Cut</b>								
<b>SC1AC</b>	<b>6.0</b>	51.0	15.9	6.0			B316 SC1AC	<b>\$61.99</b>
<b>SC3AC</b>	<b>9.5</b>	64.0	19.1	6.0			B316 SC3AC	<b>\$82.64</b>
<b>SC5AC</b>	<b>12.7</b>	70.0	25.4	6.0			B316 SC5AC	<b>\$121.01</b>



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>	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

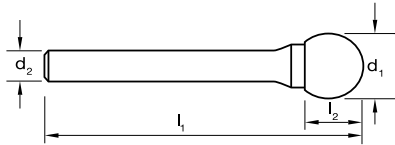
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burs Ball Shape

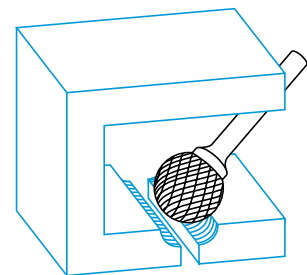


- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.
- Al Cut, for rapid stock removal of soft materials such as: Aluminium, Brass, Copper, Plastics that would normally load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



Catalogue Code	<b>B202</b>	<b>B217</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 #	List Price	Item #	List Price
<b>IMPERIAL</b>								
<b>Double Cut</b>								
<b>SD410</b>	<b>3/32</b>	<b>1-1/2</b>		<b>1/8</b>	B202 SD410	<b>\$24.01</b>		
<b>SD420</b>	<b>1/8</b>	<b>1-1/2</b>		<b>1/8</b>	B202 SD420	<b>\$24.01</b>		
<b>SD510</b>	<b>1/4</b>	<b>1-3/4</b>		<b>1/8</b>	B202 SD510	<b>\$39.73</b>		
<b>SD110</b>	<b>1/8</b>	<b>2</b>		<b>1/4</b>	B202 SD110	<b>\$44.10</b>		
<b>SD140</b>	<b>3/16</b>	<b>2</b>		<b>1/4</b>	B202 SD140	<b>\$44.10</b>		
<b>SD100</b>	<b>1/4</b>	<b>2</b>		<b>1/4</b>	B202 SD100	<b>\$44.10</b>		
<b>SD200</b>	<b>5/16</b>	<b>2-1/16</b>		<b>1/4</b>	B202 SD200	<b>\$48.01</b>		
<b>SD300</b>	<b>3/8</b>	<b>2-1/16</b>		<b>1/4</b>	B202 SD300	<b>\$52.35</b>		
<b>SD400</b>	<b>7/16</b>	<b>2-1/8</b>		<b>1/4</b>	B202 SD400	<b>\$60.97</b>		
<b>SD500</b>	<b>1/2</b>	<b>2-3/16</b>		<b>1/4</b>	B202 SD500	<b>\$71.83</b>		
<b>SD600</b>	<b>5/8</b>	<b>2-5/16</b>		<b>1/4</b>	B202 SD600	<b>\$88.56</b>		
<b>SD700</b>	<b>3/4</b>	<b>2-7/16</b>		<b>1/4</b>	B202 SD700	<b>\$121.01</b>		
<b>SD900</b>	<b>1</b>	<b>2-3/4</b>		<b>1/4</b>	B202 SD900	<b>\$206.59</b>		
<b>Double Cut, Long Reach</b>								
					<b>B212</b>			
<b>SD3L6</b>	<b>3/8</b>	<b>6-3/4</b>		<b>1/4</b>	B212 SD3L6	<b>\$80.65</b>		
<b>SD5L6</b>	<b>1/2</b>	<b>6-1/2</b>		<b>1/4</b>	B212 SD5L6	<b>\$108.20</b>		
<b>Aluminium Cut</b>								
<b>SD1AC</b>	<b>1/4</b>	<b>2</b>		<b>1/4</b>			B217 SD1AC	<b>\$60.97</b>
<b>SD3AC</b>	<b>3/8</b>	<b>2-1/16</b>		<b>1/4</b>			B217 SD3AC	<b>\$68.87</b>
<b>SD5AC</b>	<b>1/2</b>	<b>2-3/16</b>		<b>1/4</b>			B217 SD5AC	<b>\$98.39</b>
<b>SD6AC</b>	<b>5/8</b>	<b>2-5/16</b>		<b>1/4</b>			B217 SD6AC	<b>\$176.10</b>
<b>SD7AC</b>	<b>3/4</b>	<b>2-7/16</b>		<b>1/4</b>			B217 SD7AC	<b>\$299.07</b>



Ball 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			
B202	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
B212	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
B217	○	○				○																	●	●	●	●	○																									

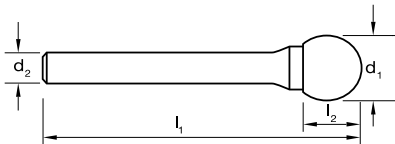
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials ● Optimal ○ Effective



# Carbide Burs Ball Shape

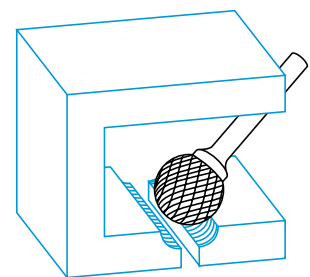
**suttontools**

- 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>B302</b>	<b>B317</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	Al Cut
Shank	6mm	6mm

Size Ref.	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Item #	List Price	Item #	List Price
<b>METRIC</b>								
<b>Double Cut</b>								
<b>SD140</b>	<b>4.5</b>	51.0	6.4	6.0	B302 SD140	<b>\$44.10</b>		
<b>SD100</b>	<b>6.0</b>	51.0	5.6	6.0	B302 SD100	<b>\$44.10</b>		
<b>SD300</b>	<b>9.5</b>	52.0	7.9	6.0	B302 SD300	<b>\$52.35</b>		
<b>SD500</b>	<b>12.7</b>	56.0	11.1	6.0	B302 SD500	<b>\$71.83</b>		
<b>Aluminium Cut</b>								
<b>SD3AC</b>	<b>9.5</b>	52.0	7.9	6.0			B317 SD3AC	<b>\$68.87</b>



Ball 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>B302</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
<b>B317</b>	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

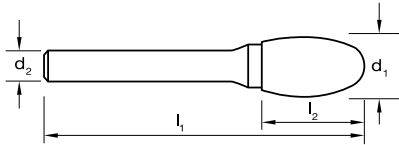
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burs Oval Shape

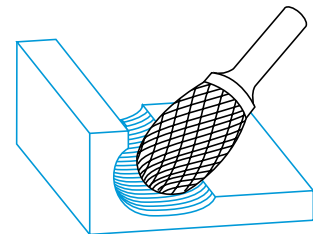
**suttontools**

- 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.
- AI 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>Brt</i>	<i>Brt</i>
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 #	List Price	Item #	List Price
<b>IMPERIAL</b>								
<b>Double Cut</b>								
SE410	1/8	1-1/2	7/32	1/8	B203 SE410	\$24.01		
SE510	1/4	2-1/8	3/8	1/8	B203 SE510	\$39.73		
SE100	1/4	2	3/8	1/4	B203 SE100	\$54.31		
SE300	3/8	2-11/32	19/32	1/4	B203 SE300	\$64.94		
SE500	1/2	2-5/8	7/8	1/4	B203 SE500	\$94.45		
SE600	5/8	2-3/4	1	1/4	B203 SE600	\$129.87		
SE700	3/4	2-3/4	1	1/4	B203 SE700	\$176.10		
<b>Aluminium Cut</b>								
SE3AC	3/8	2-11/32	19/32	1/4			B218 SE3AC	\$90.51
SE5AC	1/2	2-5/8	7/8	1/4			B218 SE5AC	\$111.17
SE6AC	5/8	2-3/4	1	1/4			B218 SE6AC	\$198.73



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	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		

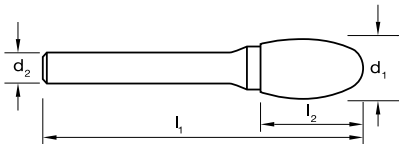
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burs Oval Shape

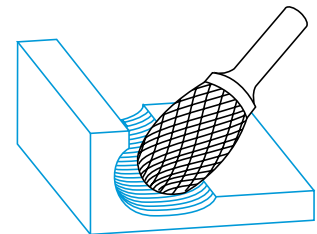
**suttontools**

- 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.



Catalogue Code	<b>B303</b>
Discount Group	B0102
Material	<b>VHM</b>
Surface Finish	<i>Brt</i>
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>	Item #	List Price
<b>METRIC</b>						
<b>Double Cut</b>						
<b>SE100</b>	<b>6.0</b>	51.0	9.5	6.0	B303 SE100	<b>\$54.31</b>
<b>SE300</b>	<b>9.5</b>	60.0	15.1	6.0	B303 SE300	<b>\$64.94</b>
<b>SE500</b>	<b>12.7</b>	67.0	22.2	6.0	B303 SE500	<b>\$94.45</b>
<b>SE600</b>	<b>15.9</b>	70.0	25.4	6.0	B303 SE600	<b>\$129.87</b>



Oval Shape

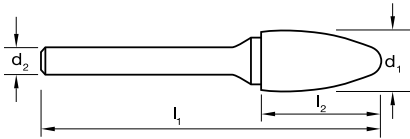
ISO	P													M					K					N										S										H						
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41	
<b>B303</b>	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

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

# Carbide Burs Tree Shape, Radius End

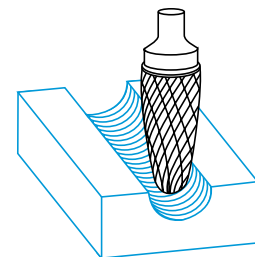
## suttontools

- 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.
- 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 #	List Price	Item #	List Price
<b>IMPERIAL</b>								
<b>Double Cut</b>								
SF410	1/8	1-1/2	1/4	1/8	B204 SF410	\$24.01		
SF420	1/8	1-1/2	1/2	1/8	B204 SF420	\$24.01		
SF510	1/4	2	1/2	1/8	B204 SF510	\$39.73		
SF100	1/4	2	5/8	1/4	B204 SF100	\$50.36		
SF300	3/8	2-1/2	3/4	1/4	B204 SF300	\$62.96		
SF400	7/16	2-3/4	1	1/4	B204 SF400	\$88.56		
SF500	1/2	2-3/4	1	1/4	B204 SF500	\$94.45		
SF600	5/8	2-3/4	1	1/4	B204 SF600	\$127.89		
SF700	3/4	2-3/4	1	1/4	B204 SF700	\$167.21		
SF140	3/4	2-3/4	1-1/4	1/4	B204 SF140	\$211.50		
SF150	3/4	3-1/4	1-1/2	1/4	B204 SF150	\$246.96		
<b>Double Cut, Long Reach</b>								
					<b>B213</b>			
SF3L6	3/8	6-3/4	3/4	1/4	B213 SF3L6	\$95.64		
SF5L6	1/2	7	1	1/4	B213 SF5L6	\$141.66		
<b>Aluminium Cut</b>								
SF1AC	1/4	2	3/4	1/4			B219 SF1AC	\$62.96
SF3AC	3/8	2-1/2	3/4	1/4			B219 SF3AC	\$88.56
SF5AC	1/2	2-3/4	1	1/4			B219 SF5AC	\$123.96
SF6AC	5/8	2-3/4	1	1/4			B219 SF6AC	\$176.10



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	○	○				○																	●	●	●	●	○		●																									

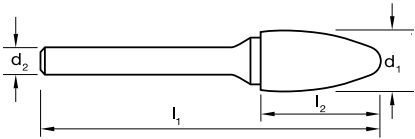
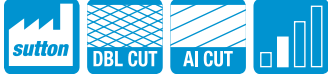
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burs Tree Shape, Radius End

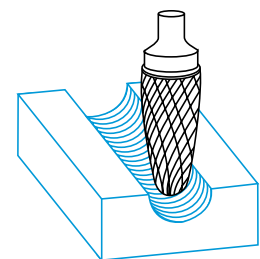
**suttontools**

- 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>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 #	List Price	Item #	List Price
<b>METRIC</b>								
<b>Double Cut</b>								
<b>SF100</b>	<b>6.0</b>	51.0	15.9	6.0	B304 SF100	<b>\$50.36</b>		
<b>SF300</b>	<b>9.5</b>	64.0	19.1	6.0	B304 SF300	<b>\$62.96</b>		
<b>SF400</b>	<b>11.1</b>	70.0	25.4	6.0	B304 SF400	<b>\$88.56</b>		
<b>SF500</b>	<b>12.7</b>	70.0	25.4	6.0	B304 SF500	<b>\$94.45</b>		
<b>Aluminium Cut</b>								
<b>SF3AC</b>	<b>9.5</b>	64.0	19.1	6.0			B319 SF3AC	<b>\$88.56</b>
<b>SF5AC</b>	<b>12.7</b>	70.0	25.4	6.0			B319 SF5AC	<b>\$123.96</b>
<b>SF6AC</b>	<b>15.9</b>	70.0	25.4	6.0			B319 SF6AC	<b>\$176.10</b>



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>	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

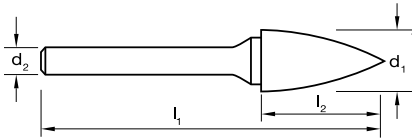
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burs Tree Shape, Pointed End

**suttontools**

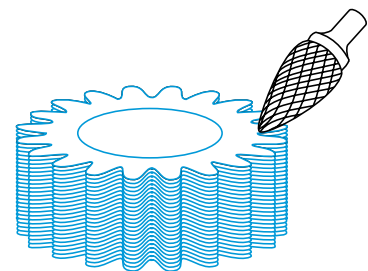
- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.



Catalogue Code	<b>B205</b>	<b>B305</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>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>	Item #	List Price	Item #	List Price
<b>IMPERIAL</b>								
<b>Double Cut</b>								
SG410	1/8	1-1/2	1/4	1/8	B205 SG410	\$24.01		
SG430	1/8	1-1/2	3/8	1/8	B205 SG430	\$24.01		
SG510	1/4	2	1/2	1/8	B205 SG510	\$39.73		
SG100	1/4	2	5/8	1/4	B205 SG100	\$54.31		
SG200	5/16	2-1/2	3/4	1/4	B205 SG200	\$60.97		
SG300	3/8	2-1/2	3/4	1/4	B205 SG300	\$66.87		
SG130	1/2	2-1/2	3/4	1/4	B205 SG130	\$90.51		
SG500	1/2	2-3/4	1	1/4	B205 SG500	\$92.47		
SG600	5/8	2-3/4	1	1/4	B205 SG600	\$125.93		
SG700	3/4	2-3/4	1	1/4	B205 SG700	\$167.21		
SG150	3/4	2-3/4	1-1/2	1/4	B205 SG150	\$246.96		

<b>METRIC</b>								
<b>Double Cut</b>								
SG100	6.0	51.0	15.9	6.0			B305 SG100	\$54.31
SG200	7.9	64.0	19.1	6.0			B305 SG200	\$60.97
SG300	9.5	64.0	19.1	6.0			B305 SG300	\$66.87
SG130	12.7	64.0	19.1	6.0			B305 SG130	\$90.51
SG500	12.7	70.0	25.4	6.0			B305 SG500	\$92.47



Tree Shape Pointed

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
B205	●	●	●	●	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
B305	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

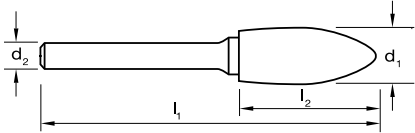
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burs Flame Shape

**suttontools**

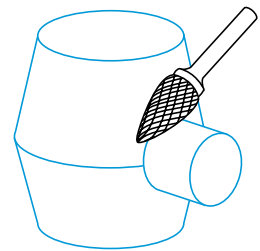
- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.



Catalogue Code	<b>B206</b>	<b>B306</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>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>	Item #	List Price	Item #	List Price
<b>IMPERIAL</b>								
<b>Double Cut</b>								
SH410	1/8	1-1/2	1/4	1/8	B206 SH410	\$24.01		
SH100	1/4	2	5/8	1/4	B206 SH100	\$58.64		
SH200	5/16	2-1/2	3/4	1/4	B206 SH200	\$64.94		
SH500	1/2	3	1-1/4	1/4	B206 SH500	\$133.80		
SH600	5/8	3-3/16	1-7/16	1/4	B206 SH600	\$183.97		
SH700	3/4	3-3/8	1-5/8	1/4	B206 SH700	\$234.18		

<b>METRIC</b>								
<b>Double Cut</b>								
SH200	7.9	64.0	19.1	6.0			B306 SH200	\$64.94
SH500	12.7	70.0	25.4	6.0			B306 SH500	\$133.80
SH600	15.9	70.0	25.4	6.0			B306 SH600	\$183.97



Flame 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	
B206	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B306	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

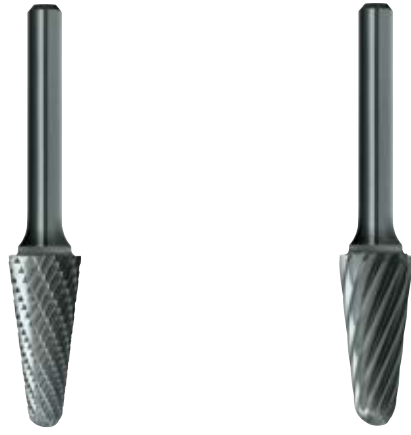
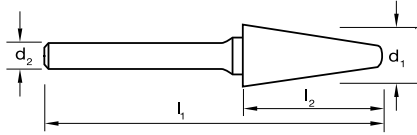
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burs Taper Shape

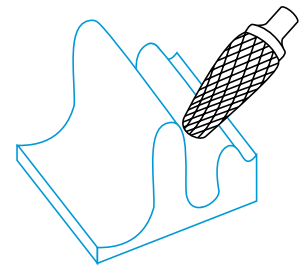
**suttontools**

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



Catalogue Code	<b>B207</b>	<b>B220</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>	Rad	Item #	List Price	Item #	List Price
<b>IMPERIAL</b>									
<b>Double Cut</b>									
SL410	1/8	1-1/2	3/8	1/8	6	B207 SL410	<b>\$24.01</b>		
SL420	1/8	1-1/2	1/2	1/8	7	B207 SL420	<b>\$24.01</b>		
SL100	1/4	2	5/8	1/4	14	B207 SL100	<b>\$52.35</b>		
SL200	5/16	2-5/8	7/8	1/4	14	B207 SL200	<b>\$66.87</b>		
SL300	3/8	2-13/16	1-1/16	1/4	14	B207 SL300	<b>\$79.70</b>		
SL400	1/2	2-7/8	1-1/8	1/4	14	B207 SL400	<b>\$98.39</b>		
SL600	5/8	3-1/16	1-5/16	1/4	14	B207 SL600	<b>\$192.84</b>		
SL700	3/4	3-1/4	1-1/2	1/4	14	B207 SL700	<b>\$252.83</b>		
<b>Double Cut, Long Reach</b>									
SL3L6	3/8	7-1/16	1-1/16	1/4	14	B214 SL3L6	<b>\$121.99</b>		
<b>Aluminium Cut</b>									
SL4AC	1/2	2-7/8	1-1/8	1/4	14			B220 SL4AC	<b>\$154.46</b>
SL6AC	5/8	3-1/16	1-5/16	1/4	14			B220 SL6AC	<b>\$282.36</b>
SL7AC	3/4	3-1/4	1-1/2	1/4	14			B220 SL7AC	<b>\$329.61</b>



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		
B207	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
B214	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
B220	○	○				○																	●	●	●	●	○		●																○	○	○	○	○	○	

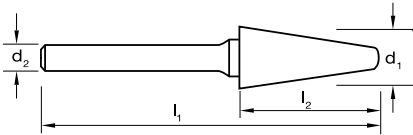
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials ● Optimal ○ Effective



# Carbide Burs Taper Shape

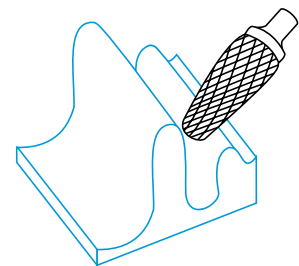
**suttontools**

- 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>Brt</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 #	List Price
<b>METRIC</b>							
<b>Double Cut</b>							
<b>SL100</b>	<b>6.0</b>	51.0	15.9	6.0	14	B307 SL100	<b>\$52.35</b>
<b>SL200</b>	<b>7.9</b>	67.0	22.2	6.0	14	B307 SL200	<b>\$66.87</b>
<b>SL300</b>	<b>9.5</b>	71.0	27.0	6.0	14	B307 SL300	<b>\$79.70</b>
<b>SL400</b>	<b>12.7</b>	73.0	28.6	6.0	14	B307 SL400	<b>\$98.39</b>
<b>SL600</b>	<b>15.9</b>	78.0	33.3	6.0	14	B307 SL600	<b>\$192.84</b>



Taper Shape

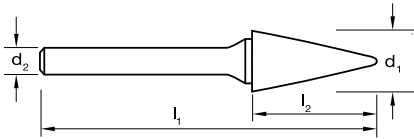
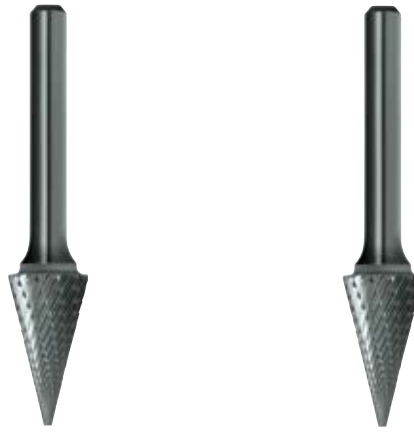
ISO	P													M				K				N							S							H																		
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41					
<b>B307</b>	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○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

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

# Carbide Burs Cone Shape

**suttontools**

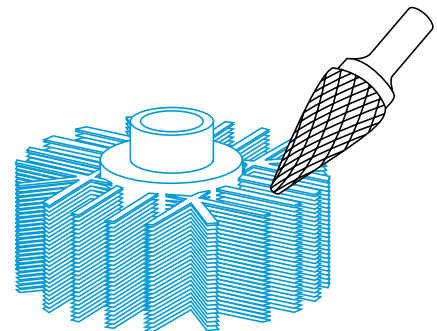
- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.



Catalogue Code	<b>B208</b>	<b>B308</b>
Discount Group	B0102	B0102
Material	<b>VHM</b>	<b>VHM</b>
Surface Finish	<b>BrT</b>	<b>BrT</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 #	List Price	Item #	List Price
<b>IMPERIAL</b>									
<b>Double Cut</b>									
SM420	1/8	1-1/2	1/2	1/8	12°	B208 SM420	\$24.01		
SM430	1/8	1-1/2	5/8	1/8	9°	B208 SM430	\$24.01		
SM510	1/4	2	1/2	1/8	22°	B208 SM510	\$39.73		
SM100	1/4	2	1/2	1/4	22°	B208 SM100	\$50.36		
SM200	1/4	2	3/4	1/4	14°	B208 SM200	\$50.36		
SM300	1/4	2	1	1/4	12°	B208 SM300	\$54.31		
SM400	3/8	2-1/2	3/4	1/4	28°	B208 SM400	\$79.70		
SM500	1/2	2-3/4	1	1/4	28°	B208 SM500	\$100.34		
SM600	5/8	2-7/8	1-1/8	1/4	31°	B208 SM600	\$135.77		

<b>METRIC</b>									
<b>Double Cut</b>									
SM300	6.0	51.0	25.4	6.0	12°			B308 SM300	\$54.31
SM400	9.5	64.0	19.1	6.0	28°			B308 SM400	\$79.70
SM500	12.7	70.0	25.4	6.0	28°			B308 SM500	\$100.34
SM600	15.9	73.0	28.6	6.0	31°			B308 SM600	\$135.77



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	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

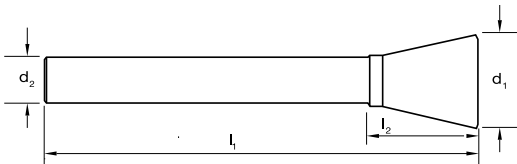
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

# Carbide Burs Inverted Cone Shape

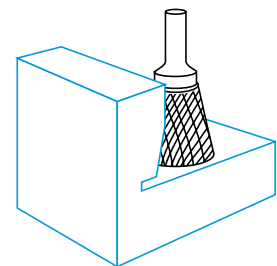
**suttontools**

- 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>B209</b>
Discount Group	B0102
Material	<b>VHM</b>
Surface Finish	<i>Brt</i>
Application	<b>Steel</b>
Geometry	Double Cut
Shank	1/4"

Size Ref.	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Angle	Item #	List Price
<b>IMPERIAL</b>							
<b>Double Cut</b>							
SN420	1/8	1-1/2	1/8	1/8	14°	B209 SN420	\$24.01
SN510	1/4	1-3/4	1/4	1/8	10°	B209 SN510	\$39.73
SN100	1/4	2	1/4	1/4	10°	B209 SN100	\$48.01
SN200	3/8	2-1/8	3/8	1/4	13°	B209 SN200	\$71.83
SN400	1/2	2-1/2	1/2	1/4	28°	B209 SN400	\$100.34
SN600	5/8	2-1/2	3/4	1/4	18°	B209 SN600	\$127.89
SN700	3/4	2-5/8	5/8	1/4	30°	B209 SN700	\$144.63



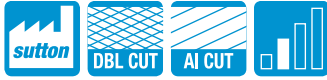
Inverted Cone Shape

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	
B209	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

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

● Optimal ○ Effective

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



B900 SCB100



B900 SCB300



B900 SCB5

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 #	List Price
<b>Bur 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>\$253.25</b>
<b>SCB300</b>	SA300	SC300	SD300	SF300	SC3AC	<b>3/8</b> 1/4 5 B900 SCB300 <b>\$320.63</b>
<b>SCB500</b>	SA500	SC500	SD500	SF500	SC5AC	<b>1/2</b> 1/4 5 B900 SCB500 <b>\$477.33</b>
<b>SCB5</b>	SA300	SC300	SC500	SF300	SF500	<b>3/8 &amp; 1/2</b> 1/4 5 B900 SCB5 <b>\$379.37</b>
<b>SCB5A</b>	SA300	SA300	SC300	SC500	SF500	<b>3/8 &amp; 1/2</b> 6 5 B900 SCB5A <b>\$374.42</b>

## Carbide Burs 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 burs 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 #	List Price
Die Grinder Kit	Pneumatic Die Grinder 4 collets: 1/8, 1/4, 3 & 6mm 2 x wrenches	B902 0002	\$153.22

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

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 burs.

