



CARBIDE BURRS

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

166	166	168	168	168	170	171	172	172	172	174	175	
167		169		169	170	171	173			174		
B203	B218	B204	B213	B219	B205	B206	B207	B214	B220	B208	B209	
B303		B304		B319	B305	B306	B307			B308		
VHM		VHM		VHM	VHM	VHM			VHM	VHM		
Brt		Brt		Brt	Brt	Brt			Brt	Brt		
Steel	Aluminium	Steel		Aluminium	Steel	Steel	Steel		Aluminium	Steel	Steel	
Sutton Standard		Sutton Standard		Sutton	Sutton	Sutton Standard			Sutton	Sutton		
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
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												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

176



B900 SCB100



B900 SCB300



B900 SCB500

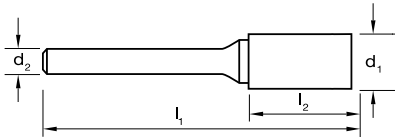


B900 SCB5

Carbide Burrs Cylindrical, Square End

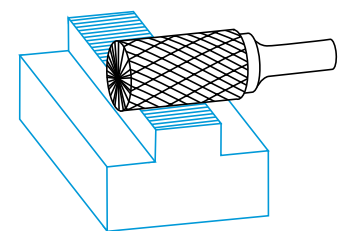


- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.
- Al Cut, for rapid stock removal of soft materials such as:
Aluminium, Brass, Copper, Plastics that would normally load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



Catalogue Code	B300	B315
Discount Group	B0102	B0102
Material	VHM	VHM
Surface Finish	Brt	Brt
Application	Steel	Aluminium
Geometry	Double Cut	Al Cut
Shank	6mm	6mm

Size Ref.	d ₁	l ₁	l ₂	d ₂	Item #	Item #
METRIC						
Double Cut						
SA140	4.8	51.0	15.9	6.0	B300 SA140	
SA100	6.0	51.0	15.9	6.0	B300 SA100	
SA200	7.9	64.0	19.1	6.0	B300 SA200	
SA300	9.5	64.0	19.1	6.0	B300 SA300	
SA500	13.0	70.0	25.4	6.0	B300 SA500	
SA600	15.9	70.0	25.4	6.0	B300 SA600	
Aluminium Cut						
SA3AC	9.5	64.0	19.1	6.0		B315 SA3AC



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		
B300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B315	○	○				○																																													

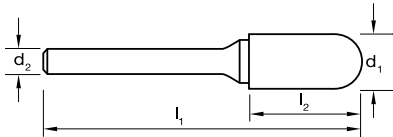
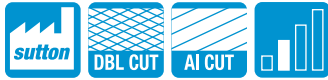
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

Carbide Burrs Cylindrical, Radius End

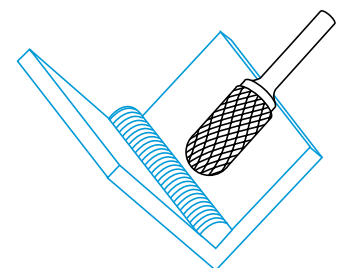


- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.
- Al Cut, for rapid stock removal of soft materials such as:
Aluminium, Brass, Copper, Plastics that would normally load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



Catalogue Code	B301	B316
Discount Group	B0102	B0102
Material	VHM	VHM
Surface Finish	Brt	Brt
Application	Steel	Aluminium
Geometry	Double Cut	Al Cut
Shank	6mm	6mm

Size Ref.	d ₁	l ₁	l ₂	d ₂	Item #	Item #
METRIC						
Double Cut						
SC100	6.0	51.0	15.9	6.0	B301 SC100	
SC200	7.9	64.0	19.1	6.0	B301 SC200	
SC300	9.5	64.0	19.1	6.0	B301 SC300	
SC400	11.1	70.0	25.4	6.0	B301 SC400	
SC500	12.7	70.0	25.4	6.0	B301 SC500	
SC600	15.9	70.0	25.4	6.0	B301 SC600	
Aluminium Cut						
SC3AC	9.5	64.0	19.1	6.0		B316 SC3AC
SC5AC	12.7	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	
B301	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B316	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

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

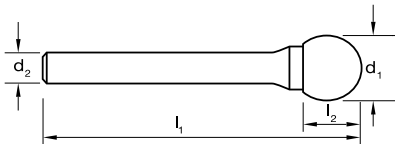
● Optimal ○ Effective

*Not available once current stock is depleted

Carbide Burrs Ball Shape

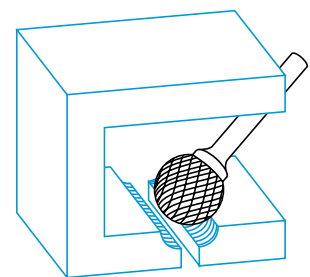


- Double Cut, for rapid stock removal in the harder materials.
- The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape, in most materials.
- Al Cut, for rapid stock removal of soft materials such as:
Aluminium, Brass, Copper, Plastics that would normally load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



Catalogue Code	B302	B317
Discount Group	B0102	B0102
Material	VHM	VHM
Surface Finish	Brt	Brt
Application	Steel	Aluminium
Geometry	Double Cut	Al Cut
Shank	6mm	6mm

Size Ref.	d ₁	l ₁	l ₂	d ₂	Item #	Item #
METRIC						
Double Cut						
SD140	4.5	51.0	6.4	6.0	B302 SD140	
SD100	6.0	51.0	5.6	6.0	B302 SD100	
SD300	9.5	52.0	7.9	6.0	B302 SD300	
SD500	12.7	56.0	11.1	6.0	B302 SD500	
Aluminium Cut						
SD3AC	9.5	52.0	7.9	6.0		B317 SD3AC



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		
B302	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
B317	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

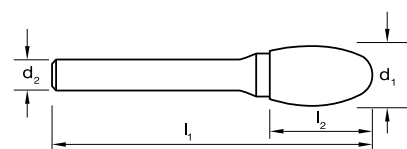
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

Carbide Burrs Oval Shape

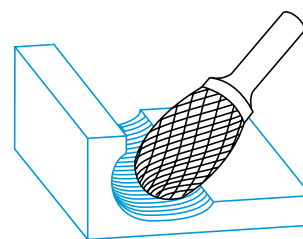
sutton®

- Double Cut, for rapid stock removal in the harder materials.
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Catalogue Code	B203	B218
Discount Group	B0102	B0102
Material	VHM	VHM
Surface Finish	Br	Br
Application	Steel	Aluminium
Geometry	Double Cut	Al Cut
Shank	1/4"	1/4"

Size Ref.	d ₁	l ₁	l ₂	d ₂	Item #	Item #
IMPERIAL						
Double Cut						
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	
Aluminium Cut						
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	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

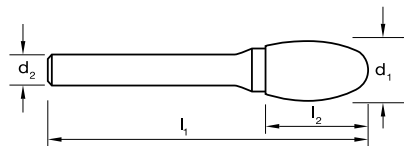
P Steel
 M Stainless Steel
 K Cast Iron
 N Non-Ferrous Metals
 S Titanium & Super Alloys
 H Hard Materials

● Optimal ○ Effective

Carbide Burrs Oval Shape

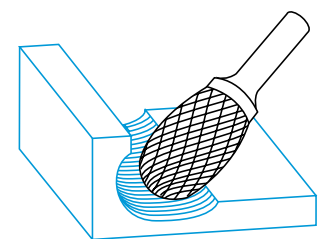
sutton®

- Double Cut, for rapid stock removal in the harder materials.
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Catalogue Code	B303
Discount Group	B0102
Material	VHM
Surface Finish	Brt
Application	Steel
Geometry	Double Cut
Shank	6mm

Size Ref.	d ₁	l ₁	l ₂	d ₂	Item #
METRIC					
Double Cut					
SE100	6.0	51.0	9.5	6.0	B303 SE100
SE300	9.5	60.0	15.1	6.0	B303 SE300
SE500	12.7	67.0	22.2	6.0	B303 SE500
SE600	15.9	70.0	25.4	6.0	B303 SE600



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	
B303	●	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

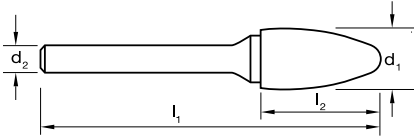
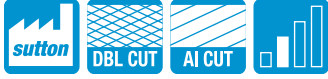
P Steel
 M Stainless Steel
 K Cast Iron
 N Non-Ferrous Metals
 S Titanium & Super Alloys
 H Hard Materials

● Optimal ○ Effective

Carbide Burrs Tree Shape, Radius End

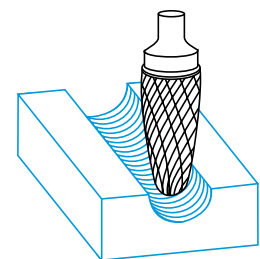


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Catalogue Code	B304	B319
Discount Group	B0102	B0102
Material	VHM	VHM
Surface Finish	Brt	Brt
Application	Steel	Aluminium
Geometry	Double Cut	Al Cut
Shank	6mm	6mm

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

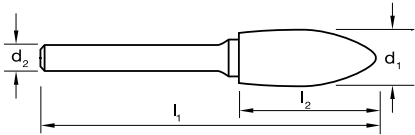
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

Carbide Burrs Flame Shape



- Double Cut, for rapid stock removal in the harder materials.
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Catalogue Code	B206	B306
Discount Group	B0102	B0102
Material	VHM	VHM
Surface Finish	Brt	Brt
Application	Steel	Steel
Geometry	Double Cut	Double Cut
Shank	1/4	6mm

Size Ref.	d ₁	l ₁	l ₂	d ₂	Item #	Item #
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IMPERIAL

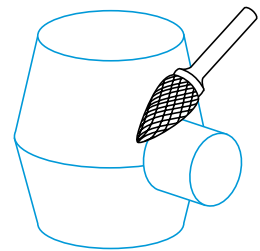
Double Cut

SH410	1/8	1-1/2	1/4	1/8	B206 SH410	
SH100	1/4	2	5/8	1/4	B206 SH100	
SH200	5/16	2-1/2	3/4	1/4	B206 SH200	
SH500	1/2	3	1-1/4	1/4	B206 SH500	
SH600	5/8	3-3/16	1-7/16	1/4	B206 SH600	
SH700	3/4	3-3/8	1-5/8	1/4	B206 SH700	

METRIC

Double Cut

SH200	7.9	64.0	19.1	6.0		B306 SH200
SH500	12.7	70.0	25.4	6.0		B306 SH500
SH600	15.9	70.0	25.4	6.0		B306 SH600



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

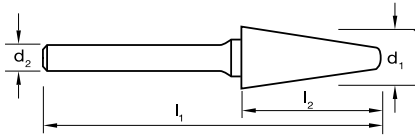
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

Carbide Burrs Taper Shape

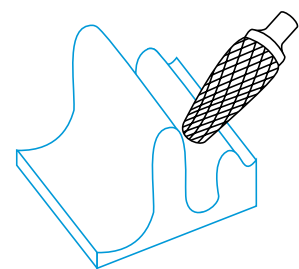
sutton®

- 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	B307
Discount Group	B0102
Material	VHM
Surface Finish	Brt
Application	Steel
Geometry	Double Cut
Shank	6mm

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



Taper Shape

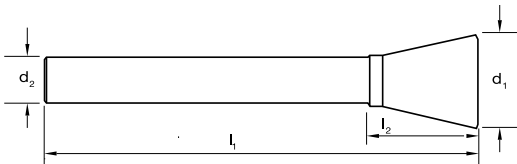
ISO	P													M					K					N										S										H											
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41						
B307	●	●	●	●	●	●	●	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○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

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

Carbide Burrs Inverted Cone 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.



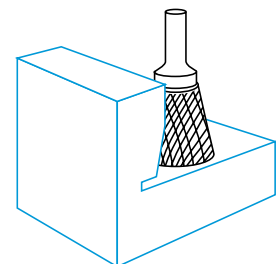
Catalogue Code	B209
Discount Group	B0102
Material	VHM
Surface Finish	Brt
Application	Steel
Geometry	Double Cut
Shank	1/4"

Size Ref.	d ₁	l ₁	l ₂	d ₂	Angle	Item #
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IMPERIAL

Double Cut

SN420	1/8	1-1/2	1/8	1/8	14°	B209 SN420
SN510	1/4	1-3/4	1/4	1/8	10°	B209 SN510
SN100	1/4	2	1/4	1/4	10°	B209 SN100
SN200	3/8	2-1/8	3/8	1/4	13°	B209 SN200
SN400	1/2	2-1/2	1/2	1/4	28°	B209 SN400
SN600	5/8	2-1/2	3/4	1/4	18°	B209 SN600
SN700	3/4	2-5/8	5/8	1/4	30°	B209 SN700



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	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

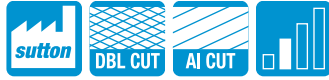
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

Carbide Burrs Sets



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



B900 SCB100

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

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



B900 SCB100



B900 SCB300



B900 SCB500



B900 SCB5

Carbide Burrs Die Grinder Kit



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.

