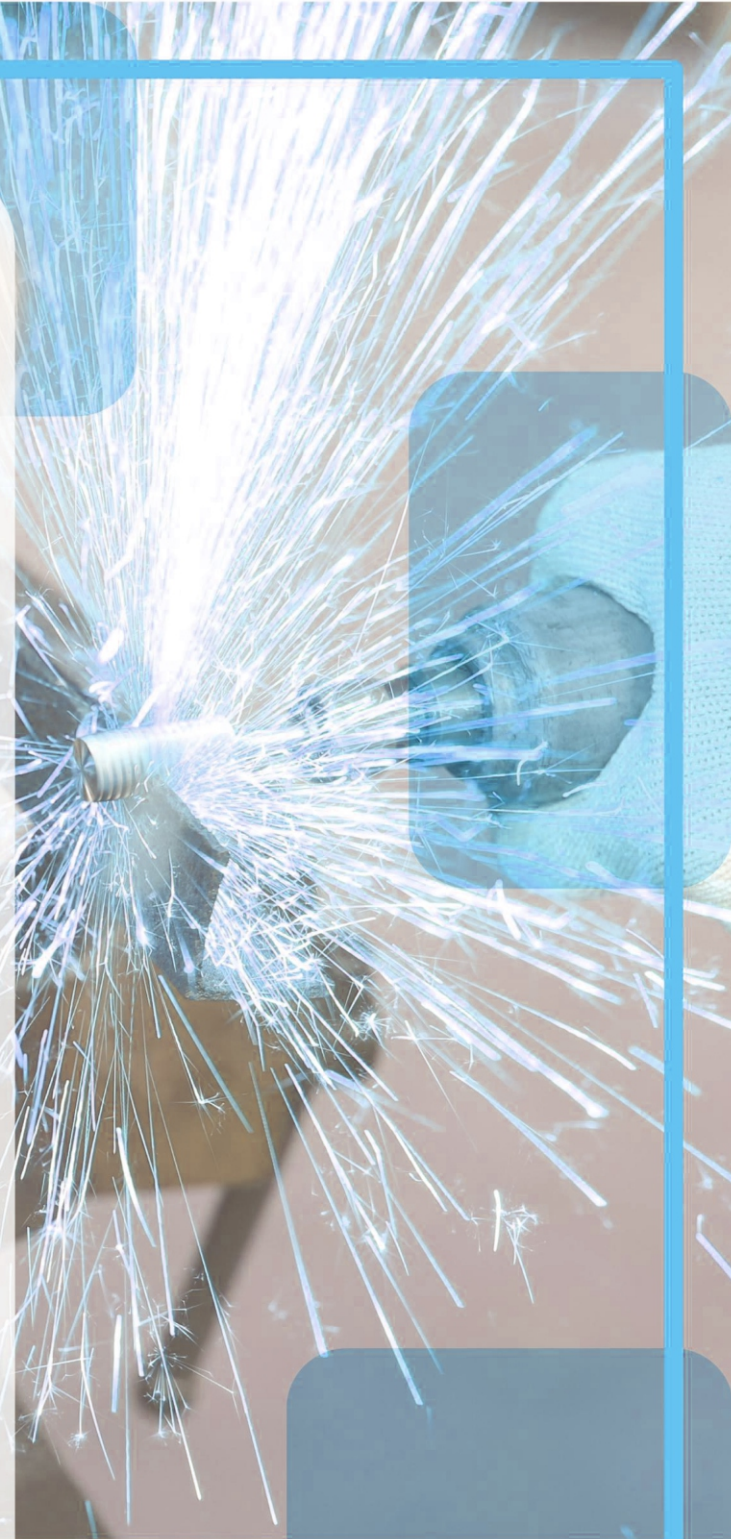


TUNGSTEN CARBIDE BURR



PRODUCT CATALOGUE



PRODUCT CATALOGUE

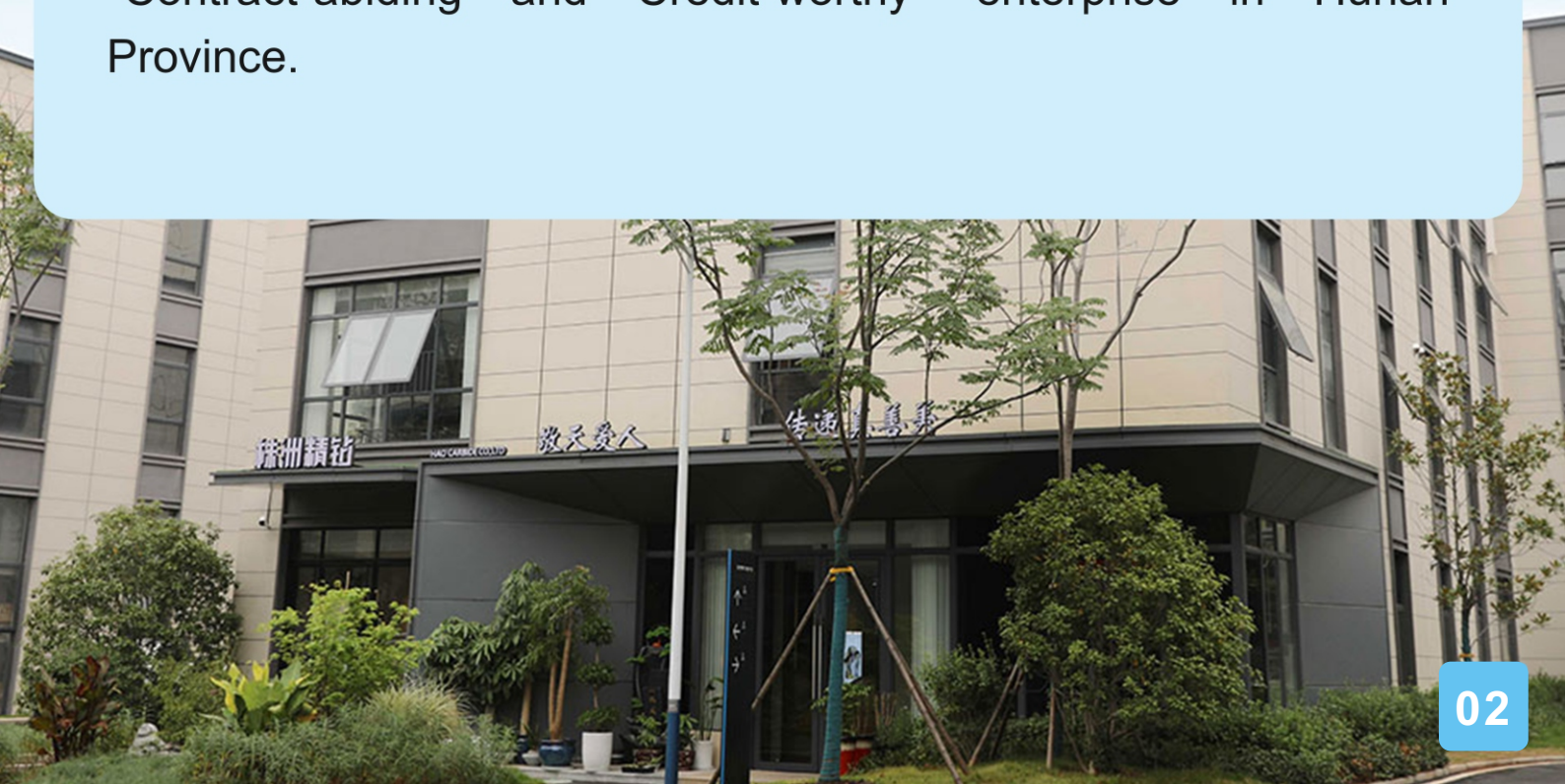
Factory & Company Introduction	P1-3
Technological Process	P4
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Carbide Burrs Cut Types	P7
Carbide Burrs Series of Sets	P8
Carbide Burrs All Shape	P9
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FACTORY INTRODUCTION

HAO Carbide Co.,Ltd., a high-tech enterprise in Zhuzhou, China's Cemented Carbide Manufacturing Base, integrates R&D, production, and sales of tungsten carbide burrs, rods, end mills, and other carbide products. The company holds over 10 utility model patents and utilizes extensive advanced manufacturing and testing equipment.

With a complete supply chain, HAO Carbide serves global clients, including US, Russia, UK, Brazil, India, and other regions. Its daily carbide burr production capacity reaches 25,000-30,000 pieces. The company has also been repeatedly recognized as a "Contract-abiding and Credit-worthy" enterprise in Hunan Province.

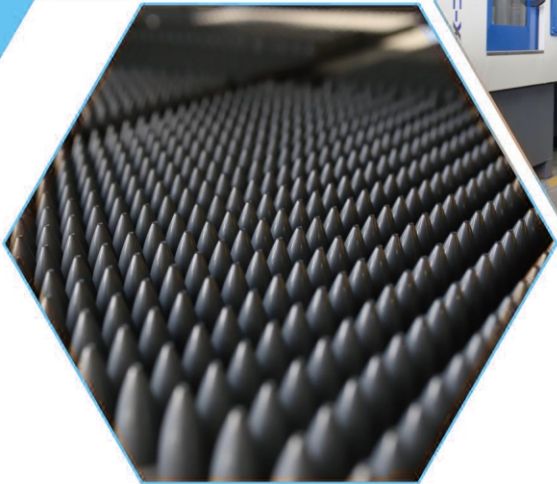


CONTACT US

WhatsApp: +86 193 1337 5071

Email: Tina@haocarbide.com

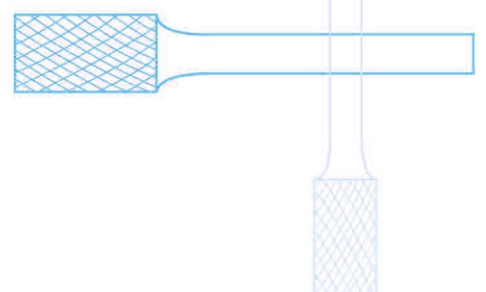
Add: Building 3. Power Valley Industrial Park,
Zhuzhou City, Hunan Province, China



Our Mission

Respect For Nature
And Love For Mankind,

Deliver The Truth,
Kindness, And Beauty



MANUFACTURING PROCESS



Wet Grinding



Pressing



Sintering



Fluting



Testing



Shipping



CARBIDE BURR



STANDARD BURRS CATALOGUE

How to Choose the Most Suitable Carbide Burrs ?

Step One: Choose Device Step Two: Applied Material Step Three: Operating Speed

- Machine
- Hand Device

Material: Stainless steel, iron,
copper, aluminium

Maximum Revolutions
Per Minute

Step Four: Carbide Burrs Shape



Step Five: Cut Type

- Standard Cut Types
Cut MX / Cut M / Cut W
- Special Cut Types
Cut C / Cut F / Cut ZX / Cut D
Cut MR / Cut SX / Cut INOX

Refer to P7 for details

Step Six: Standard Cut Diameter

- Metric Size
3mm — 25mm _____
- Inch Size
1/8" — 1" _____

Step Seven: Standard Shank Diameter

- Metric Size
3mm / 6mm / 8mm _____
- Inch Size
1/8" — 1/4" _____

Step Eight: Standard Shank Type

- Solid Carbide (Overall Dia*Overall Length)
3*38mm _____
6*50mm _____
- Brazed Carbide (shank Dia* Shank Length)
3*38mm _____
6*45mm _____
8*45mm _____

Step Nine: Customized Shank Length

- Metric Size Carbide Shank Length - Brazed
L4-100mm _____
L6-150mm _____
L8-200mm _____
- Inch Size Carbide Shank Length - Brazed
L4 - 4" _____
L6 - 6" _____
L8 - 8" _____

Step Ten: Contact Us — HAO Carbide

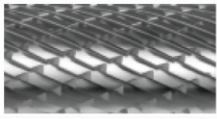
Quotation will be provided within 24 hours.

WhatsApp:+86 152 7331 5755

Email:becky@haocarbide.com

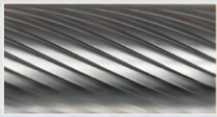
Add: Building 3.Power Valley Industrial Park, Zhuzhou City, Hunan Province, China

Standard Cut Types



CUT MX

Double Cut - suitable for machining stainless steel, steel with hardness less than HRC60 and high-temperature-resistant materials



CUT M

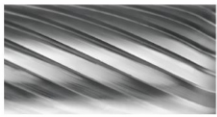
Single Cut - suitable for machining cast iron, steel and stainless steel with hardness less than HRC60



CUT W

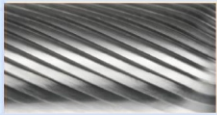
Aluminium Cut - suitable for machining aluminium, aluminium alloys, non-ferrous metals and plastics

Special Cut Types



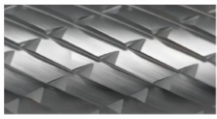
CUT C

Coarse Cut - suitable for fine machining of soft metals, non-ferrous metals, steel and cast iron



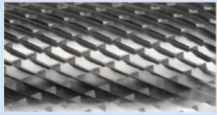
CUT F

Fine Cut - suitable for fine machining of cast iron, steel with hardness less than HRC60 and stainless steel



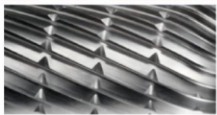
CUT ZX

Tough Cut - suitable for machining welding scar, steel and cast iron



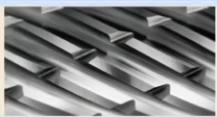
CUT D

Diamond Cut - suitable for fine machining of all materials with hardness less than HRC60



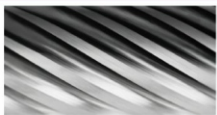
CUT MR

Chip Breaker Cut - suitable for machining stainless steel, steel and cast iron



CUT SX

Steel Cut - suitable for steel and cast iron machining with better chip evacuation



CUT INOX

INOX Cut - suitable for stainless steel and soft titanium alloys

Cut Diameter in Inch	Cut Diameter in Metric	Cutting Speed(m/min)				
		240	360	450	600	900
		Cutting Rotational Speed(RPM)				
1/8	3	26000	38000	48000	64000	95500
3/16	5	18000	26000	32200	40300	61000
1/4	6	13400	20500	24200	32000	48000
5/16	8	9600	15500	18400	24000	36500
3/8	10	8200	12500	14500	21500	29500
1/2	12	6500	10500	12200	16500	24500
5/8	16	5200	8500	9000	12000	18100
3/4	20	4100	7100	8300	11000	14500
1	25	3200	5200	6100	8200	11500

SERIES OF SETS

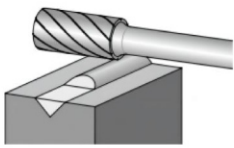
Carbide burr sets contain different sizes and shapes of burrs can match customer's different requirements on usage.

1. Diameter 6mm or 1/4" Shank 10PCS of Sets
2. Diameter 6mm or 1/4" Shank 5PCS of Sets
3. Diameter 6mm or 1/4" Shank 8PCS of Sets
4. Diameter 3mm Shank & 6mm Head 10PCS of Sets
5. Diameter 3mm Shank & 3mm Head 20PCS of Sets
6. Diameter 6mm or 1/4" Shank 12PCS of Sets



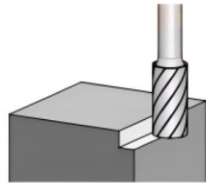


Cylinder Shape



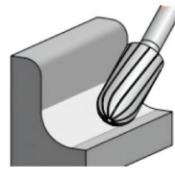
SA

Cylinder Shape With End Cut



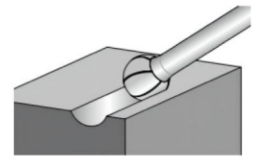
SB

Ball Nosed Cylinder Shape



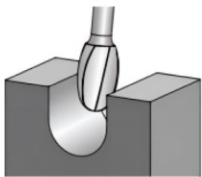
SC

Ball Shape



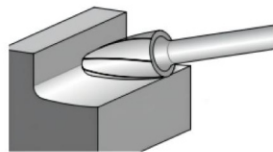
SD

Oval Shape



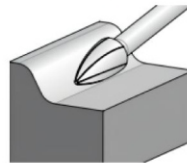
SE

Tree Shape



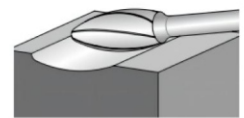
SF

Pointed Tree Shape



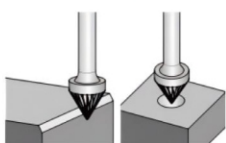
SG

Flame Shape



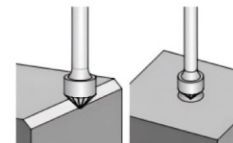
SH

60° Countersink Shape



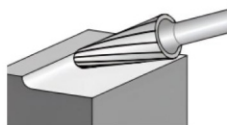
SJ

90° Countersink Shape



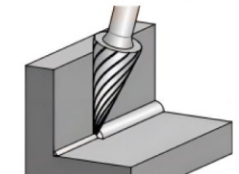
SK

Ball Nosed Cone Shape



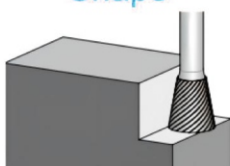
SL

Cone Shape



SM

Inverted Cone Shape



SN

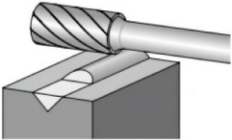
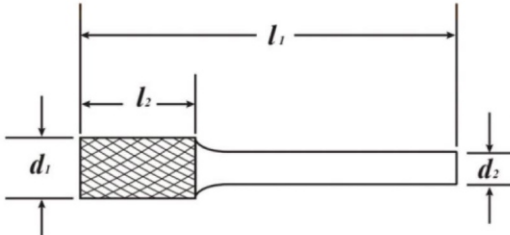
ALL KINDS OF SHAPE APPLICABLE SCENARIOS



TYPE A CARBIDE BURR

Burr Shape - Cylinder

Type A carbide burr is suitable for machining surface profile of workpiece



Metric Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
3.0	3	14	3	38	SA30314	Solid
	4	13	3	51	SA30413	Brazed
	5	13	3	51	SA30513	Brazed
	6	13	3	51	SA30613	Brazed
6.0	6	16	6	50	SA60616	Solid
	6	16	6	61	SA60616	Brazed
	8	20	6	65	SA60820	Brazed
	10	20	6	65	SA61020	Brazed
	11	25	6	70	SA61125	Brazed
	12	25	6	70	SA61225	Brazed
	16	25	6	70	SA61625	Brazed
	20	25	6	70	SA62025	Brazed
8.0	10	20	8	65	SA81020	Brazed
	11	25	8	70	SA81125	Brazed
	12	25	8	70	SA81225	Brazed
	16	25	8	70	SA81625	Brazed
	20	25	8	70	SA82025	Brazed
	25	25	8	70	SA82525	Brazed

Inch Size

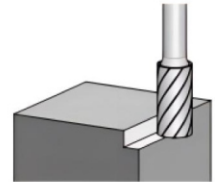
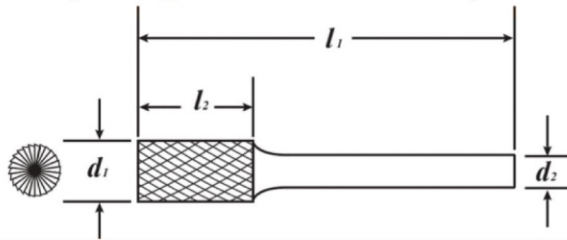
Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
1/8	1/8	1/2	1/8	1-1/2	SA-43	Solid
	1/4	1/2	1/8	2	SA-51	Brazed
1/4	1/4	5/8	1/4	2	SA-1	Solid
	1/4	5/8	1/4	2-3/8	SA-1	Brazed
	5/16	3/4	1/4	2-1/2	SA-2	Brazed
	3/8	3/4	1/4	2-1/2	SA-3	Brazed
	7/16	1	1/4	2-3/4	SA-4	Brazed
	1/2	1	1/4	2-3/4	SA-5	Brazed
	5/8	1	1/4	2-3/4	SA-6	Brazed
	3/4	1	1/4	2-3/4	SA-7	Brazed
	7/8	1	1/4	2-3/4	SA-8	Brazed
	1	1	1/4	2-3/4	SA-9	Brazed



TYPE B CARBIDE BURR

Burr Shape - Cylinder With End Cut

Type B carbide burr is suitable for machining surface profile and the interchange of two right angle surfaces of workpiece



Metric Size

Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
3.0	3	14	3	38	SB30314	Solid
	4	13	3	51	SB30413	Brazed
	5	13	3	51	SB30513	Brazed
	6	13	3	51	SB30613	Brazed
6.0	6	16	6	50	SB60616	Solid
	6	16	6	61	SB60616	Brazed
	8	20	6	65	SB60820	Brazed
	10	20	6	65	SB61020	Brazed
	11	25	6	70	SB61125	Brazed
	12	25	6	70	SB61225	Brazed
	16	25	6	70	SB61625	Brazed
	20	25	6	70	SB62025	Brazed
8.0	25	25	6	70	SB62525	Brazed
	10	20	8	65	SB81020	Brazed
	11	25	8	70	SB81125	Brazed
	12	25	8	70	SB81225	Brazed
	16	25	8	70	SB81625	Brazed
	20	25	8	70	SB82025	Brazed
	25	25	8	70	SB82525	Brazed

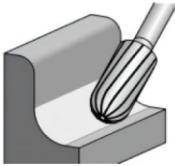
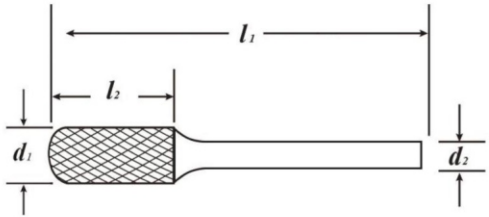
Inch Size

Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
1/8	1/8	1/2	1/8	1-1/2	SB-43	Solid
	1/4	1/2	1/8	2	SB-51	Brazed
1/4	1/4	5/8	1/4	2	SB-1	Solid
	1/4	5/8	1/4	2-3/8	SB-1	Brazed
	5/16	3/4	1/4	2-1/2	SB-2	Brazed
	3/8	3/4	1/4	2-1/2	SB-3	Brazed
	7/16	1	1/4	2-3/4	SB-4	Brazed
	1/2	1	1/4	2-3/4	SB-5	Brazed
	5/8	1	1/4	2-3/4	SB-6	Brazed
	3/4	1	1/4	2-3/4	SB-7	Brazed
	7/8	1	1/4	2-3/4	SB-8	Brazed
	1	1	1/4	2-3/4	SB-9	Brazed



TYPE C CARBIDE BURR

Burr Shape - Ball Nosed Cylinder
 Type C carbide burr is suitable for machining surface profile and circular arc profile of workpiece



Metric Size						
Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
3.0	3	14	3	38	SC30314	Solid
	4	13	3	51	SC30413	Brazed
	5	13	3	51	SC30513	Brazed
	6	13	3	51	SC30613	Brazed
6.0	6	16	6	50	SC60616	Solid
	6	16	6	61	SC60616	Brazed
	8	20	6	65	SC60820	Brazed
	10	20	6	65	SC61020	Brazed
	11	25	6	70	SC61125	Brazed
	12	25	6	70	SC61225	Brazed
	16	25	6	70	SC61625	Brazed
	20	25	6	70	SC62025	Brazed
8.0	10	20	8	65	SC81020	Brazed
	11	25	8	70	SC81125	Brazed
	12	25	8	70	SC81225	Brazed
	16	25	8	70	SC81625	Brazed
	20	25	8	70	SC82025	Brazed
	25	25	8	70	SC82525	Brazed

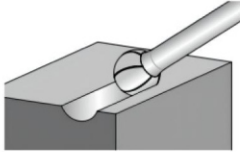
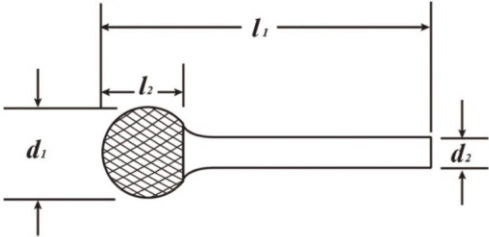
Inch Size						
Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
1/8	1/8	1/2	1/8	1-1/2	SC-43	Solid
	1/4	1/2	1/8	2	SC-51	Brazed
1/4	1/4	5/8	1/4	2	SC-1	Solid
	1/4	5/8	1/4	2-3/8	SC-1	Brazed
	5/16	3/4	1/4	2-1/2	SC-2	Brazed
	3/8	3/4	1/4	2-1/2	SC-3	Brazed
	7/16	1	1/4	2-3/4	SC-4	Brazed
	1/2	1	1/4	2-3/4	SC-5	Brazed
	5/8	1	1/4	2-3/4	SC-6	Brazed
	3/4	1	1/4	2-3/4	SC-7	Brazed
	7/8	1	1/4	2-3/4	SC-8	Brazed
	1	1	1/4	2-3/4	SC-9	Brazed



TYPE D CARBIDE BURR

Burr Shape - Ball Shape

Type D carbide burr is suitable for machining circular arc profile and removing burrs at welding area



Metric Size

Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
3.0	3	2	3	38	SD30302	Solid
	4	3	3	41	SD30403	Brazed
	5	4	3	42	SD30504	Brazed
	6	5	3	43	SD30605	Brazed
6.0	6	5	6	50	SD60605	Solid
	6	5	6	50	SD60605	Brazed
	8	7	6	52	SD60807	Brazed
	10	9	6	54	SD61009	Brazed
	11	10	6	55	SD61110	Brazed
	12	10	6	55	SD61210	Brazed
	16	14	6	59	SD61614	Brazed
	20	18	6	63	SD62018	Brazed
8.0	10	9	8	54	SD81009	Brazed
	11	10	8	55	SD81110	Brazed
	12	10	8	55	SD81210	Brazed
	16	14	8	59	SD81614	Brazed
	20	18	8	63	SD82018	Brazed
	25	21	8	66	SD82521	Brazed

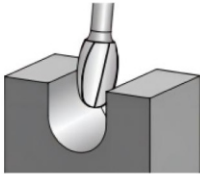
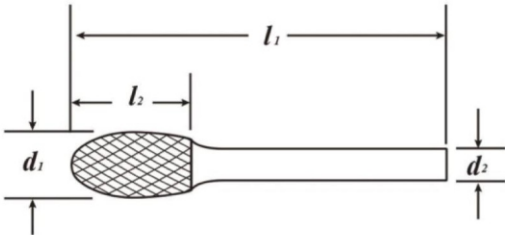
Inch Size

Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
1/8	1/8	1/8	1/8	1-1/2	SD-42	Solid
	1/4	7/32	1/8	2	SD-51	Brazed
1/4	1/4	7/32	1/4	2	SD-1	Solid
	1/4	7/32	1/4	2-31/32	SD-1	Brazed
	5/16	1/4	1/4	2	SD-2	Brazed
	3/8	5/16	1/4	2-1/16	SD-3	Brazed
	7/16	3/8	1/4	2-1/7	SD-4	Brazed
	1/2	7/16	1/4	2-1/5	SD-5	Brazed
	5/8	9/16	1/4	2-1/3	SD-6	Brazed
	3/4	11/16	1/4	2-4/9	SD-7	Brazed
	7/8	1	1/4	2-3/4	SD-8	Brazed
	1	15/16	1/4	2-2/3	SD-9	Brazed



TYPE E CARBIDE BURR

Burr Shape - Oval Shape
 Type E carbide burr is suitable for machining circular arc profile of workpiece



Metric Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(L2)	Shank Diameter(d2)	Overall Length(L1)	Tool No.	Type
3.0	3	6	3	38	SE30306	Solid
	4	7	3	45	SE30407	Brazed
	5	8	3	46	SE30508	Brazed
	6	10	3	48	SE30610	Brazed
6.0	6	10	6	50	SE60610	Solid
	6	10	6	55	SE60610	Brazed
	8	13	6	58	SE60813	Brazed
	10	16	6	61	SE61016	Brazed
	12	20	6	65	SE61220	Brazed
	16	25	6	70	SE61625	Brazed
	20	25	6	70	SE62025	Brazed
	25	25	6	70	SE62525	Brazed
8.0	10	16	8	61	SE81016	Brazed
	12	20	8	65	SE81220	Brazed
	16	25	8	70	SE81625	Brazed
	20	25	8	70	SE82025	Brazed
	25	25	8	70	SE82525	Brazed

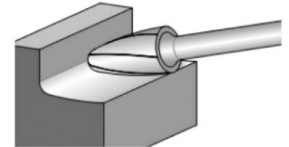
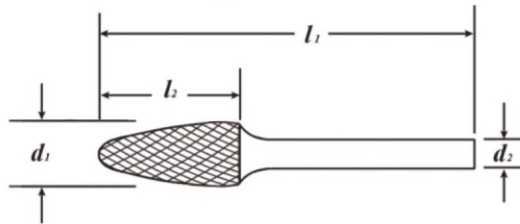
Inch Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(L2)	Shank Diameter(d2)	Overall Length(L1)	Tool No.	Type
1/8	1/8	1/4	1/8	1-1/2	SE-41	Solid
	1/4	3/8	1/8	1-8/9	SE-51	Brazed
1/4	1/4	3/8	1/4	2	SE-1	Solid
	1/4	3/8	1/4	2-1/8	SE-1	Brazed
	5/16	1/2	1/4	2-1/4	SE-2	Brazed
	3/8	5/8	1/4	2-3/8	SE-3	Brazed
	1/2	7/8	1/4	2-5/8	SE-5	Brazed
	5/8	1	1/4	2-3/4	SE-6	Brazed
	3/4	1	1/4	2-3/4	SE-7	Brazed

TYPE F CARBIDE BURR

Burr Shape - Tree Shape

Type F carbide burr is suitable for machining circular arc profile of workpiece which in confined space



Metric Size

Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
3.0	3	14	3	38	SF30314	Solid
	4	13	3	51	SF30413	Brazed
	5	13	3	51	SF30513	Brazed
	6	13	3	51	SF30613	Brazed
6.0	6	16	6	50	SF60616	Solid
	6	18	6	63	SF60618	Brazed
	8	20	6	65	SF60820	Brazed
	10	20	6	65	SF61020	Brazed
	11	25	6	70	SF61125	Brazed
	12	25	6	70	SF61225	Brazed
	16	25	6	70	SF61625	Brazed
	20	25	6	70	SF62025	Brazed
8.0	10	20	8	65	SF81020	Brazed
	11	25	8	70	SF81125	Brazed
	12	25	8	70	SF81225	Brazed
	16	25	8	70	SF81625	Brazed
	20	25	8	70	SF82025	Brazed
	25	25	8	70	SF82525	Brazed

Inch Size

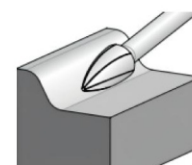
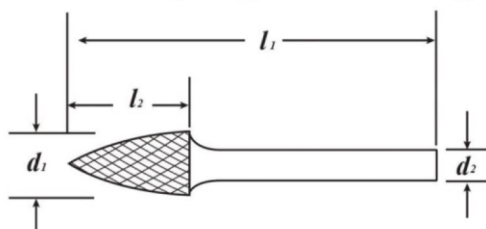
Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
1/8	1/8	1/2	1/8	1-1/2	SF-42	Solid
	1/4	1/2	1/8	2	SF-51	Brazed
1/4	1/4	5/8	1/4	2	SF-1	Solid
	1/4	5/8	1/4	2-3/8	SF-1	Brazed
	5/16	3/4	1/4	2-1/2	SF-2	Brazed
	3/8	3/4	1/4	2-1/2	SF-3	Brazed
	7/16	1	1/4	2-3/4	SF-4	Brazed
	1/2	1	1/4	2-3/4	SF-5	Brazed
	5/8	1	1/4	2-3/4	SF-6	Brazed
	3/4	1	1/4	2-3/4	SF-7	Brazed
	3/4	1-1/4	1/4	3	SF-14	Brazed
	3/4	1-1/2	1/4	3-1/4	SF-15	Brazed



TYPE G CARBIDE BURR

Burr Shape - Pointed Tree

Type G carbide burr is suitable for machining circular arc profile which in confined spaces and acute-angled profile of workpiece



Metric Size

Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
3.0	3	14	3	38	SG30314	Solid
	4	13	3	51	SG30413	Brazed
	5	13	3	51	SG30513	Brazed
	6	13	3	51	SG30613	Brazed
6.0	6	16	6	50	SG60616	Solid
	6	18	6	63	SG60618	Brazed
	8	20	6	65	SG60820	Brazed
	10	20	6	65	SG61020	Brazed
	12	25	6	70	SG61225	Brazed
	16	25	6	70	SG61625	Brazed
	20	25	6	70	SG62025	Brazed
	25	25	6	70	SG62525	Brazed
8.0	10	20	8	65	SG81020	Brazed
	12	25	8	70	SG81225	Brazed
	16	25	8	70	SG81625	Brazed
	20	25	8	70	SG82025	Brazed
	25	25	8	70	SG82525	Brazed

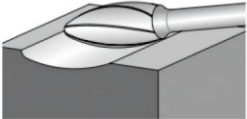
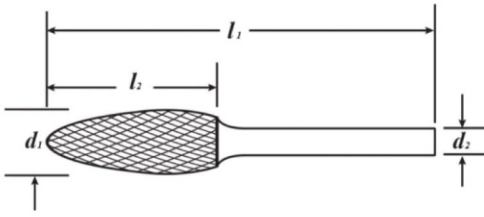
Inch Size

Shank Diameter(mm)	Cutting Diameter(d ₁)	Cutting Length(l ₂)	Shank Diameter(d ₂)	Overall Length(l ₁)	Tool No.	Type
1/8	1/8	1/2	1/8	1-1/2	SG-44	Solid
	1/4	1/2	1/8	2	SG-51	Brazed
1/4	1/4	5/8	1/4	2	SG-1	Solid
	1/4	5/8	1/4	2-3/8	SG-1	Brazed
	5/16	3/4	1/4	2-1/2	SG-2	Brazed
	3/8	3/4	1/4	2-1/2	SG-3	Brazed
	1/2	1	1/4	2-3/4	SG-5	Brazed
	5/8	1	1/4	2-3/4	SG-6	Brazed
	3/4	1	1/4	2-3/4	SG-7	Brazed
	3/4	1-1/2	1/4	3-1/4	SG-15	Brazed



TYPE H CARBIDE BURR

Burr Shape - Flame Shape
 Type H carbide burr is suitable for machining circular arc profile of workpiece



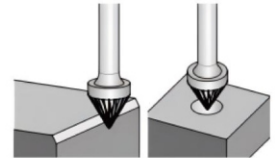
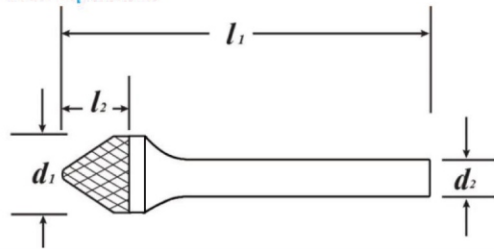
Metric Size						
Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
3.0	3	6	3	38	SH30306	Solid
	4	13	3	51	SH30413	Brazed
	5	13	3	51	SH30513	Brazed
	6	13	3	51	SH30613	Brazed
6.0	6	16	6	50	SH60616	Solid
	6	18	6	63	SH60618	Brazed
	8	20	6	65	SH60820	Brazed
	10	25	6	70	SH61025	Brazed
	12	32	6	77	SH61232	Brazed
	16	36	6	81	SH61636	Brazed
	19	41	6	86	SH61941	Brazed
8.0	10	25	8	70	SH81025	Brazed
	12	32	8	77	SH81232	Brazed
	16	36	8	81	SH81636	Brazed
	19	41	8	86	SH81941	Brazed

Inch Size						
Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
1/8	1/8	1/4	1/8	1-1/2	SH-42	Solid
	1/4	1/2	1/8	2	SH-51	Brazed
1/4	1/4	5/8	1/4	2	SH-1	Solid
	1/4	5/8	1/4	2-3/8	SH-1	Brazed
	5/16	3/4	1/4	2-1/2	SH-2	Brazed
	3/8	1	1/4	2-3/4	SH-3	Brazed
	1/2	1-1/4	1/4	3	SH-5	Brazed
	5/8	1-7/16	1/4	3-1/5	SH-6	Brazed
	3/4	1-5/8	1/4	3-3/8	SH-7	Brazed

TYPE J CARBIDE BURR

Burr Shape - 60° Countersink

Type J carbide burr is suitable for machining 60° counter boring arc chamfering of workpiece



Metric Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
3.0	3	2	3	38	SJ30302	Solid
6.0	6	5	6	50	SJ60605	Solid
	6	5	6	52	SJ60605	Brazed
	8	6	6	54	SJ60806	Brazed
	10	8	6	56	SJ61008	Brazed
	12	10	6	58	SJ61210	Brazed
	16	13	6	63	SJ61613	Brazed
	19	16	6	65	SJ61916	Brazed
8.0	25	21	6	70	SJ62521	Brazed
	10	8	8	56	SJ81008	Brazed
	12	10	8	58	SJ81210	Brazed
	16	13	8	63	SJ81613	Brazed
	19	16	8	65	SJ81916	Brazed
	25	21	8	70	SJ82521	Brazed

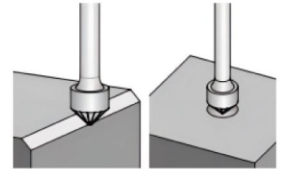
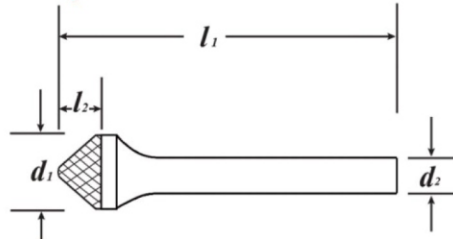
Inch Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
1/8	1/8	3/32	1/8	1-1/2	SJ-42	Solid
1/4	1/4	3/16	1/4	2	SJ-1	Solid
	1/4	3/16	1/4	2	SJ-1	Brazed
	3/8	5/16	1/4	2-1/5	SJ-3	Brazed
	1/2	7/16	1/4	2-1/3	SJ-5	Brazed
	5/8	9/16	1/4	2-4/9	SJ-6	Brazed
	3/4	11/16	1/4	2-5/9	SJ-7	Brazed
	1	15/16	1/4	2-7/9	SJ-9	Brazed

TYPE K CARBIDE BURR

Burr Shape - 90° Countersink

Type k carbide burr is suitable for machining 90° counter boring arc chamfering of workpiece



Metric Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
3.0	3	1.5	3	38	SK30315	Solid
6.0	6	3	6	50	SK60603	Solid
	6	3	6	50	SK60603	Brazed
	8	4	6	52	SK60804	Brazed
	10	5	6	53	SK61005	Brazed
	12	6	6	54	SK61206	Brazed
	16	8	6	57	SK61608	Brazed
	19	9	6	58	SK61909	Brazed
8.0	25	12	6	61	SK62512	Brazed
	10	5	8	53	SK81005	Brazed
	12	6	8	54	SK81206	Brazed
	16	8	8	57	SK81608	Brazed
	19	9	8	58	SK81909	Brazed
	25	12	8	61	SK82512	Brazed

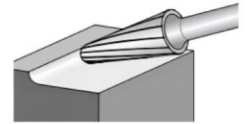
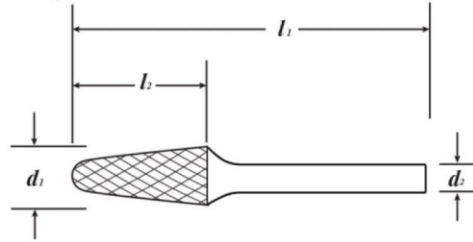
Inch Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
1/8	1/8	1/16	1/8	1-1/2	SK-42	Solid
1/4	1/4	1/8	1/4	2	SK-1	Solid
	1/4	1/8	1/4	2	SK-1	Brazed
	3/8	3/16	1/4	2-1/16	SK-3	Brazed
	1/2	1/4	1/4	2-1/9	SK-5	Brazed
	5/8	5/16	1/4	2-1/4	SK-6	Brazed
	3/4	3/8	1/4	2-1/3	SK-7	Brazed
	1	1/2	1/4	2-3/8	SK-9	Brazed

TYPE L CARBIDE BURR

Burr Shape - Ball Nosed Cone

Type L carbide burr is suitable for machining narrow profile and surface profile of workpiece



Metric Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
3.0	3	14	3	38	SL30314	Solid
	4	13	3	51	SL30413	Brazed
	5	13	3	51	SL30513	Brazed
	6	13	3	51	SL30613	Brazed
6.0	6	16	6	50	SL60616	Solid
	6	16	6	61	SL60616	Brazed
	8	22	6	67	SL60822	Brazed
	10	25	6	70	SL61025	Brazed
	12	28	6	73	SL61228	Brazed
	16	33	6	78	SL61633	Brazed
	20	31	6	76	SL62031	Brazed
	25	45	6	90	SL62545	Brazed
8.0	10	25	8	70	SL81025	Brazed
	12	28	8	73	SL81228	Brazed
	16	33	8	78	SL81633	Brazed
	20	31	8	76	SL82031	Brazed
	25	45	8	90	SL82545	Brazed

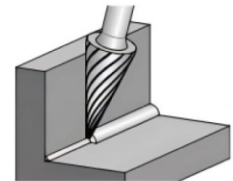
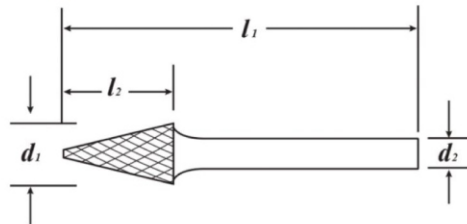
Inch Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
1/8	1/8	1/2	1/8	1-1/2	SL-42	Solid
	1/4	1/2	1/8	2	SL-51	Brazed
1/4	1/4	5/8	1/4	2	SL-1	Solid
	1/4	5/8	1/4	2-3/8	SL-1	Brazed
	5/16	7/8	1/4	2-3/4	SL-2	Brazed
	3/8	1-1/16	1/4	2-15/16	SL-3	Brazed
	1/2	1-1/8	1/4	3	SL-4	Brazed
	5/8	1-3/16	1/4	3-1/16	SL-5	Brazed
	5/8	1-5/16	1/4	3-1/5	SL-6	Brazed
	3/4	1-1/2	1/4	3-3/8	SL-7	Brazed

TYPE M CARBIDE BURR

Burr Shape - Cone Shape

Type M carbide burr is suitable for machining narrow profile and surface profile of workpiece



Metric Size

Shank Diameter(mm)	Cutting Diameter(d_1)	Cutting Length(l_2)	Shank Diameter(d_2)	Overall Length(l_1)	Tool No.	Type
3.0	3	11	3	38	SM30311	Solid
	4	13	3	51	SM30413	Brazed
	5	13	3	51	SM30513	Brazed
	6	13	3	51	SM30613	Brazed
6.0	6	19	6	50	SM60619	Solid
	6	18	6	63	SM60618	Brazed
	8	20	6	65	SM60820	Brazed
	10	20	6	65	SM61020	Brazed
	12	25	6	70	SM61225	Brazed
	16	25	6	70	SM61625	Brazed
	19	25	6	70	SM62025	Brazed
	22	25	6	70	SM62525	Brazed
8.0	10	20	8	65	SM81020	Brazed
	12	25	8	70	SM81225	Brazed
	16	25	8	70	SM81625	Brazed
	19	25	8	70	SM82025	Brazed
	22	25	8	70	SM82525	Brazed

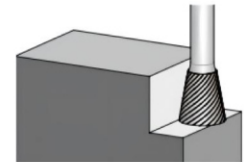
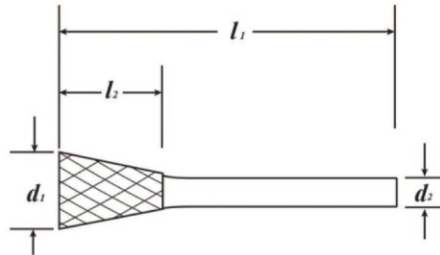
Inch Size

Shank Diameter(mm)	Cutting Diameter(d_1)	Cutting Length(l_2)	Shank Diameter(d_2)	Overall Length(l_1)	Tool No.	Type
1/8	1/8	7/16	1/8	1-1/2	SM-42	Solid
	1/4	1/2	1/8	2	SM-51	Brazed
1/4	1/4	1/2	1/4	2	SM-1	Solid
	1/4	5/8	1/4	2-3/8	SM-1	Brazed
	1/4	3/4	1/4	2-1/2	SM-2	Brazed
	1/4	1	1/4	2-3/4	SM-3	Brazed
	3/8	5/8	1/4	2-1/2	SM-4	Brazed
	1/2	7/8	1/4	2-3/4	SM-5	Brazed
	5/8	1	1/4	2-8/9	SM-6	Brazed

TYPE N CARBIDE BURR

Burr Shape - Inverted Cone

Type N carbide burr is suitable for machining the internal chamfers of workpiece



Metric Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
3.0	3	4	3	38	SN30304	Solid
	4	5	3	43	SN30405	Brazed
	5	6	3	44	SN30506	Brazed
	6	7	3	45	SN30607	Brazed
6.0	6	7	6	50	SN60607	Solid
	6	7	6	52	SN60607	Brazed
	8	9	6	54	SN60809	Brazed
	10	10	6	55	SN61010	Brazed
	12	13	6	58	SN61213	Brazed
	16	16	6	61	SN61616	Brazed
8.0	10	10	8	55	SN81010	Brazed
	12	13	8	58	SN81213	Brazed
	16	16	8	61	SN81616	Brazed

Inch Size

Shank Diameter(mm)	Cutting Diameter(d1)	Cutting Length(l2)	Shank Diameter(d2)	Overall Length(l1)	Tool No.	Type
1/8	1/8	3/16	1/8	1-1/2	SN-42	Solid
	1/4	1/4	1/8	1-3/4	SN-51	Brazed
1/4	1/4	5/16	1/4	2	SN-1	Solid
	1/4	5/16	1/4	2-1/16	SN-1	Brazed
	3/8	3/8	1/4	2-1/9	SN-2	Brazed
	1/2	1/2	1/4	2-1/4	SN-4	Brazed
	5/8	3/4	1/4	2-1/2	SN-6	Brazed
	3/4	5/8	1/4	2-3/8	SN-7	Brazed

RECOMMENDATION FOR USE

- Please choose the appropriate rotational speed before grinding.

- Please choose suitable burr shape, diameter and cut type for different applied material machining.

- Please confirm that the burr shank and chuck of die grinder are connected firmly before using.

- Avoid too much pressure on burrs while grinding. High temperature caused will shorten burrs' lifespan.

- Show down the machine when burrs are stuck in the material.

- Do not use burrs in the combustible gas environment.

- Please wear glasses and gloves as protection before grinding.

Application Notes



Safety Glasses



Ear Protection



Face Mask



Protective Gloves