

MICRO AIR GRINDERS & CARBIDE BURS



Micro air grinders
P.180 ▶



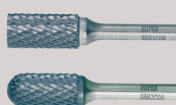
Super carbide burs
 ϕ 3mm P.182 ▶
 ϕ 6mm P.184 ▶



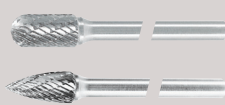
Super carbide burs
(long shank)
 ϕ 3mm P.183 ▶
 ϕ 6mm P.186 ▶



Super carbide burs
(titanium coating)
 ϕ 3mm P.183 ▶
 ϕ 6mm P.185 ▶



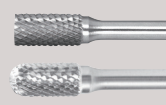
Super carbide burs,
hard type
(aluminum coating)
 ϕ 6mm P.185 ▶



Super carbide burs
(middle shank)
 ϕ 6mm P.186 ▶



Super carbide burs
(aluminum cut)
 ϕ 6mm P.187 ▶



Super carbide burs
(diamond cut)
 ϕ 6mm P.187 ▶



Super carbide burs
(cylindrical corner
R cut shape)
P.188 ▶



MS3H

MS6H

MS-H

■ MICRO AIR GRINDER (Straight Type)

► Features

- Precision machining achieved with high speed rotation and high output.
- Excellent qualitative performance with no decentering vibration, and long-time durability.
- The back exhaust system prevents chips scattering and reduces the noise.

■ Applications

- Precision grinding of all types of metal molds.
- Deburring, chamfering, polishing, carving and internal surface machining of all types of metal.
- Cutting, grinding and polishing of plastic, stone, wood materials.
- Finishing of all types of welded surfaces.
- Many other purposes such as chamfering complicated round surfaces, internal surfaces or wheels.

Air supplier : nipple R1/4

Item No.	Size (mm)			Max rotation (r.p.m.)	Air supply pressure (MPa)	Air consumption quantity	Main body N.W. (g)
	Chucking dia.	Full length	Main body external dia.				
MS3H	* $\phi 2.35 \cdot \phi 3$	138	$\phi 16$	57,000	0.6	160 ^{N₂} /min	100
MS6H	* $\phi 3 \cdot \phi 6$	160	$\phi 24$	30,000	0.6	200 ^{N₂} /min	260

* To use the size with the * mark, purchase the optional collet.



MS3H (φ3 collet)

■ Set details

Item name	Q'ty
MS3H main body	1
Rubber grip	1
Air hose set (1.5m)	1
Double size spanner (6×8mm)	1
Fixing pin (φ3mm)	1
Spindle oil (15cc)	1
Mounted wheel (R3613)	1
Mounted wheel (W31013)	1



MS6H (φ6 collet)

■ Set details

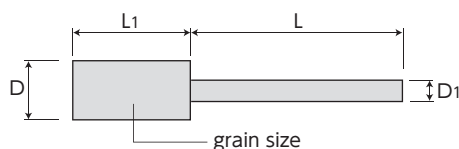
Item name	Q'ty
MS6H main body	1
Air hose set (1.5m)	1
Double size spanner (10×12mm)	2
Spindle oil (15cc)	1
Mounted wheel (R61616)	1
Mounted wheel (R61925)	1



MSK3H2.4

■ Optional collet

Item No.	Applicable grinder
MSK3H2.4	Collet for MS3H (φ2.35)
MSK6H3	Collet for MS6H (φ3)



R·W

■ MOUNTED WHEEL (Cylindrical Type)

For MS3H·6H

■ Applications

R (Red) : For grinding raw materials of alloy steel, tool steel or carbon steel.

W (White) : For grinding quenched materials of alloy steel, tool steel or carbon steel.

Item No.	Size (mm)				Grain size	Q'ty for 1 pack
	L	L1	D	D1		
R3613 (red)	30	13	6	φ3	#80	10
W31013 (white)	30	13	10	φ3	#80	10
R61616 (red)	38	16	16	φ6	#60	5
R61925 (red)	38	25	19	φ6	#60	5

SUPER CARBIDE BURS

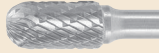
The most appropriate bur type can be selected among 4 types.

- A large number of bur shapes that fit well to the workpiece are available.
- Originally developed bur shapes enable smooth work without making any overcuttings even at high speed rotation.

BUR TYPES

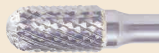
Double cut (W)

Most widely used and excellent cutting and finishing capacity.



Diamond cut (D)

Thinnest chips obtained and ideal for difficult-to-cut materials



Single cut (S)

Fine quality finishing with sharp-edged cutting.



Aluminum Cut (A)

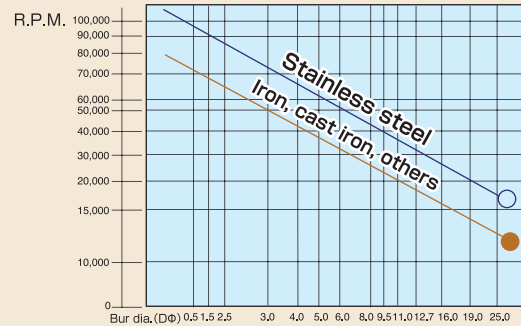
Ideal mainly for aluminum and also for non-ferrous metals and light metals.



BUR TYPE PER MATERIAL

Bur type \ Material	Aluminum	Brass, copper	Fiberglass	Cast iron	Plastic	Iron	Stainless steel	Titanium alloy
Double cut		●		●		●	●	●
Single cut		●		●		●	●	●
Diamond cut			●			●		
Aluminum cut	●				●			

SUPER CARBIDE BURS RECOMMENDED R.P.M.

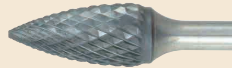


- Smoother and more secure cutting operation can be performed when applying the above-mentioned bur diameter and rotation speed conditions.

BUR COATING

Aluminum coating

- Aluminum coating is praised for its strong hardness and excellent cutting abilities
- Outstanding durability.
- Ideal for cutting high hardness steel (~55HRC) or SUS.



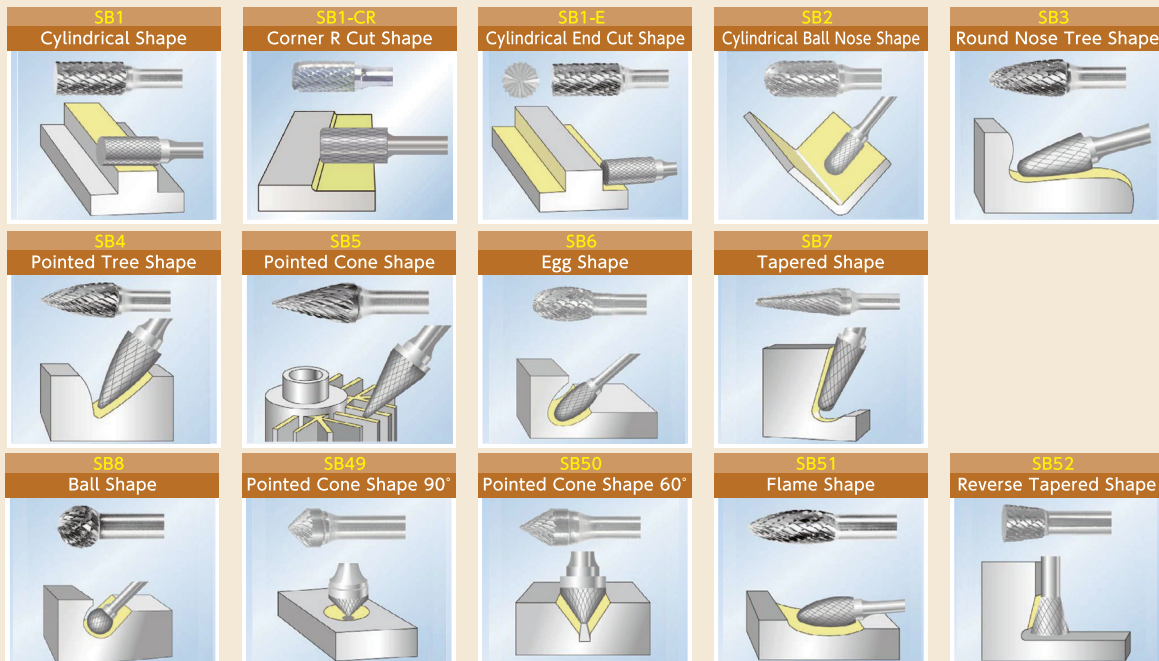
Titanium coating

- The titanium (TiN) coating treatment provides high surface hardness, longer bur life and better cut-chip removal.

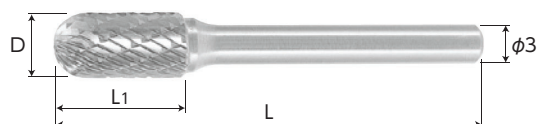


EXAMPLE OF USE PER BUR SHAPE

- Select the bur shape that fits your need.
- Titanium coating (TiN/TiCN coating) burs are also available.



⚠ Caution : (Carbide burs cut with the rotational force.) Do not push too hard, otherwise overheating may cause shank distortion, decentering, bur chipping or head coming off.



SB-A-(E·ES·S)·SB-B-(E·ES·S)·SB-D-(S) ■ SUPER CARBIDE BUR

Shank diameter φ3mm (All carbide)

Shape	Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
			L	L1	D
	SB1A01	SB1A01S	38	6	1.5
	SB1A02	SB1A02S	38	11	2.5
	SB1A03	SB1A03S	38	14	3
	SB1A01E	SB1A01ES	38	14	3
	SB2A01	SB2A01S	38	11	2.5
	SB2A02	SB2A02S	38	14	3
	SB3A01	SB3A01S	38	12.7	3
	SB3A02	SB3A02S	38	6	3
	SB4A01	SB4A01S	38	9.5	3
	SB4A02	SB4A02S	38	6	3
	SB4A03	SB4A03S	38	12.7	3
	SB5A01	SB5A01S	38	16	3 ^{7°}
	SB5A02	SB5A02S	38	8.9	3 ^{12°}
	SB5A03	SB5A03S	38	11	3 ^{14°}
	SB6A01	SB6A01S	38	5.5	3
	SB7A01	SB7A01S	38	12.7	3 ^{8°}
	SB7A02	SB7A02S	38	9.5	3 ^{8°}
	SB8A01	SB8A01S	38	2.3	2.5
	SB8A02	SB8A02S	38	2.5	3
	SB49A01	SB49A01S	38	1.5	3 ^{90°}
	SB50A01	SB50A01S	38	2.5	3 ^{60°}
	SB51A01	SB51A01S	38	6.3	3
	SB52A01	SB52A01S	38	4	3 ^{10°}

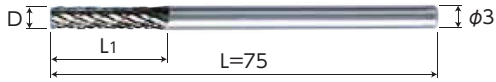
Shank diameter φ3mm (All carbide)

Shape	Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
			L	L1	D
	SB1D01	SB1D01S	38	12.7	4
	SB1D02	SB1D02S	38	12.7	5
	SB2D03	SB2D03S	38	12.7	4
	SB2D04	SB2D04S	38	12.7	5
	SB3D08	SB3D08S	38	12.7	5
	SB4D09	SB4D09S	38	12.7	5
	SB5D12	SB5D12S	38	12.7	5 ^{16°}
	SB6D07	SB6D07S	38	7.1	5
	SB7D11	SB7D11S	38	12.7	5 ^{14°}
	SB8D05	SB8D05S	38	3.4	4
	SB8D06	SB8D06S	38	4.7	5
	SB51D10	SB51D10S	38	9.5	5
	SB52D13	SB52D13S	38	6.3	5 ^{10°}

Shank diameter φ3mm

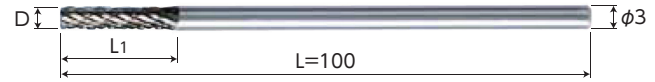
Shape	Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
			L	L1	D
	SB1B01	SB1B01S	50	12.7	6.3
	SB1B02E	SB1B02ES	43	4.7	6.3
	SB2B03	SB2B03S	50	12.7	6.3
	SB3B06	SB3B06S	50	12.7	6.3
	SB4B07	SB4B07S	50	12.7	6.3
	SB5B08	SB5B08S	54	12.7	6.3 ^{22°}
	SB6B05	SB6B05S	47	9.5	6.3
	SB8B04	SB8B04S	44	5	6.3
	SB52B09	SB52B09S	44	6	6.3 ^{10°}

SB-A-(E)- • SBT-A- SUPER CARBIDE BUR



Shank diameter $\phi 3$ mm (All carbide) Long Shank

Shape	Item No. (W. cut)	Size (mm)	
		L1	D
	SB1A0175	6	1.5
	SB1A0275	11	2.5
	SB1A0375	14	3
	SB1A01E75	14	3
	SB2A0275	14	3
	SB3A0175	12.7	3
	SB4A0375	12.7	3
	SB5A0375	11	3 ^{14°}
	SB6A0175	5.5	3
	SB7A0175	12.7	3 ^{8°}
	SB8A0275	2.5	3
	SB51A0175	6.3	3



Shank diameter $\phi 3$ mm (All carbide) Long Shank

Shape	Item No. (W. cut)	Size (mm)	
		L1	D
	SB1A01100	6	1.5
	SB1A02100	11	2.5
	SB1A03100	14	3
	SB1A01E100	14	3
	SB2A02100	14	3
	SB3A01100	12.7	3
	SB4A03100	12.7	3
	SB5A03100	11	3 ^{14°}
	SB6A01100	5.5	3
	SB7A01100	12.7	3 ^{8°}
	SB8A02100	2.5	3
	SB51A01100	6.3	3

⚠ Lower the rotation speed.

Shank dia. $\phi 3$ mm Titanium Coating Type (All carbide)

► **Feature** ● The titanium (TiN) coating treatment provides high surface hardness, longer bur life and better cut-chip removal.



Shape	Item No. (W. cut)	Size (mm)		
		L	L1	D
	SBT1A01	38	6	1.5
	SBT1A02	38	11	2.5
	SBT1A03	38	14	3
	SBT2A01	38	11	2.5
	SBT2A02	38	14	3
	SBT3A01	38	12.7	3
	SBT4A01	38	9.5	3

Shape	Item No. (W. cut)	Size (mm)		
		L	L1	D
	SBT4A03	38	12.7	3
	SBT5A01	38	16	3 ^{7°}
	SBT5A03	38	11	3 ^{14°}
	SBT6A01	38	5.5	3
	SBT7A01	38	12.7	3 ^{8°}
	SBT8A01	38	2.3	2.5
	SBT8A02	38	2.5	3

SB3SH • SB3S

SUPER CARBIDE BUR SET

► **Accessories** ● Plastic case as standard acc.

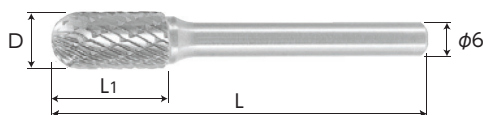
Shank diameter $\phi 3$ mm (W. cut) 5pcs-set

Set item No.	Set details
SB3SH	SB1A03·SB2A02·SB3A01·SB5A01·SB8A02

Shank diameter $\phi 3$ mm (W. cut) 10pcs-set

Set item No.	Set details
SB3S	SB1A01·SB1A03·SB2A01·SB2A02·SB3A01·SB4A01·SB5A01·SB5A03·SB7A01·SB8A02





SB-C-(E•ES•S)

SUPER CARBIDE BUR

Shank dia. φ6mm ★ marked items : all carbide



Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB1C01★	SB1C01S★	50	16	3
SB1C02★	SB1C02S★	50	16	4
SB1C03★	SB1C03S★	50	16	5
SB1C04★	SB1C04S★	50	16	6
SB1C05	SB1C05S	63	19	8
SB1C06	SB1C06S	63	19	9.5
SB1C07	SB1C07S	69	25	11
SB1C08	SB1C08S	69	25	12.7
SB1C09	SB1C09S	69	25	16
SB1C10	SB1C10S	69	25	19

Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB1C01E★	SB1C01ES	50	16	3
SB1C02E★	SB1C02ES	50	16	4
SB1C03E★	SB1C03ES	50	16	5
SB1C04E★	SB1C04ES	50	16	6
SB1C05E	SB1C05ES	63	19	8
SB1C06E	SB1C06ES	63	19	9.5
SB1C07E	SB1C07ES	69	25	11
SB1C08E	SB1C08ES	69	25	12.7
SB1C09E	SB1C09ES	69	25	16
SB1C10E	SB1C10ES	69	25	19

Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB2C01★	SB2C01S★	50	16	3
SB2C02★	SB2C02S★	50	16	4
SB2C03★	SB2C03S★	50	16	5
SB2C04★	SB2C04S★	50	16	6
SB2C05	SB2C05S	63	19	8
SB2C06	SB2C06S	63	19	9.5
SB2C07	SB2C07S	69	25	11
SB2C08	SB2C08S	69	25	12.7
SB2C09	SB2C09S	69	25	16
SB2C10	SB2C10S	69	25	19



Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB3C01★	SB3C01S★	50	12.7	3
SB3C02★	SB3C02S★	50	16	6
SB3C03	SB3C03S	63	19	9.5
SB3C04	SB3C04S	69	25	11
SB3C05	SB3C05S	69	25	12.7
SB3C06	SB3C06S	69	25	16
SB3C07	SB3C07S	69	25	19

Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB4C01★	SB4C01S★	50	16	6
SB4C02	SB4C02S	63	19	8
SB4C03	SB4C03S	63	19	9.5
SB4C04	SB4C04S	69	25	12.7
SB4C05	SB4C05S	69	25	16
SB4C06	SB4C06S	69	25	19

Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB5C01★	SB5C01S★	50	12.7	6 ^{22°}
SB5C02★	SB5C02S★	50	19	6 ^{14°}
SB5C03★	SB5C03S★	50	25	6 ^{10°}
SB5C04	SB5C04S	63	16	9.5 ^{28°}
SB5C05	SB5C05S	69	22	12.7 ^{28°}
SB5C06	SB5C06S	73	25	16 ^{31°}



Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB6C01★	SB6C01S★	50	9.5	6
SB6C02	SB6C02S	60	16	9.5
SB6C03	SB6C03S	66	22	12.7
SB6C04	SB6C04S	69	25	16
SB6C05	SB6C05S	69	25	19

Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB7C01★	SB7C01S★	50	16	6
SB7C02	SB7C02S	69	22	8
SB7C03	SB7C03S	74	27	9.5
SB7C04	SB7C04S	76	28	12.7
SB7C05	SB7C05S	77	30	16
SB7C06	SB7C06S	85	38	19

Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB8C01	SB8C01S	50	2.5	3
SB8C02★	SB8C02S★	50	4	5
SB8C03★	SB8C03S★	50	5	6
SB8C04	SB8C04S	50	6.4	8
SB8C05	SB8C05S	52	8	9.5
SB8C06	SB8C06S	54	9.5	11
SB8C07	SB8C07S	55	11	12.7
SB8C08	SB8C08S	58	14	16
SB8C09	SB8C09S	62	16	19

90°



Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB49C01★	SB49C01S★	50	3	6
SB49C02	SB49C02S	52	4.7	9.5
SB49C03	SB49C03S	54	6.3	12.7
SB49C04	SB49C04S	57	8	16
SB49C05	SB49C05S	58	9.5	19

60°



Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB50C01★	SB50C01S★	50	4	6
SB50C02	SB50C02S	55	8	9.5
SB50C03	SB50C03S	58	11	12.7
SB50C04	SB50C04S	61	14.5	16
SB50C05	SB50C05S	65	17.5	19



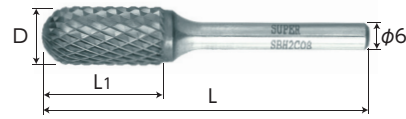
Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB51C01	SB51C01S	63	19	8
SB51C02	SB51C02S	76	32	12.7
SB51C03	SB51C03S	80	36	16
SB51C04	SB51C04S	85	41	19

Item No. (W. cut)	Item No. (S. cut)	Size (mm)		
		L	L1	D
SB52C01★	SB52C01S★	50	8	6 ^{10°}
SB52C02	SB52C02S	53	9.5	9.5 ^{13°}
SB52C03	SB52C03S	57	12.7	12.7 ^{28°}
SB52C04	SB52C04S	63	19	16 ^{18°}
SB52C05	SB52C05S	60	16	19 ^{30°}

SBH-C-(E) • SBT-C- ■ SUPER CARBIDE BUR

Shank dia. $\phi 6$ mm Hard Type (Aluminum coating : TiAlN)

- **Features**
- Bur shape fitted for heavy cutting.
 - Ideal for cutting high hardness steel (~ 55 HRC) or SUS.
 - Outstanding durability.



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH1C06	63	19	9.5
SBH1C08	69	25	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH1C06E	63	19	9.5
SBH1C08E	69	25	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH2C06	63	19	9.5
SBH2C08	69	25	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH3C03	63	19	9.5
SBH3C05	69	25	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH4C03	63	19	9.5
SBH4C04	69	25	12.7

28°



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH5C05	69	22	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH6C02	60	16	9.5
SBH6C03	66	22	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH7C03	74	27	9.5
SBH7C04	76	28	12.7

14°



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH8C05	52	8	9.5
SBH8C07	55	11	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBH51C02	76	32	12.7

Shank dia. $\phi 6$ mm Titanium Coating Type ★ marked items : all carbide

- **Feature**
- The titanium (TiN) coating treatment provides high surface hardness, longer bur life and better cut-chip removal.



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBT1C02★	50	16	4
SBT1C03★	50	16	5
SBT1C04★	50	16	6
SBT1C05	63	19	8
SBT1C06	63	19	9.5



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBT2C02★	50	16	4
SBT2C03★	50	16	5
SBT2C04★	50	16	6
SBT2C05	63	19	8
SBT2C06	63	19	9.5



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBT3C02★	50	16	6
SBT3C03	63	19	9.5



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBT4C01★	50	16	6
SBT4C02	63	19	8
SBT4C03	63	19	9.5



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBT5C02★	50	19	6 ^{14°}
SBT5C04	63	16	9.5 ^{28°}



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBT6C02	60	16	9.5

14°



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBT7C01★	50	16	6
SBT7C02	69	22	8
SBT7C03	74	27	9.5



Item No. (W. cut)	Size(mm)		
	L	L1	D
SBT8C03★	50	5	6
SBT8C04	50	6.4	8
SBT8C05	52	8	9.5

SB-C-M • SB-C-(L • SL) SUPER CARBIDE BUR

Shank dia. $\phi 6$ mm Middle Shank

Feature

- Shank length : 80mm type.



Item No. (W. cut)	Size(mm)		
	L	L1	D
SB1C04M	93	12.7	6
SB1C06M	99	19	9.5
SB1C08M	105	25	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SB2C04M	93	12.7	6
SB2C05M	99	19	8
SB2C06M	99	19	9.5
SB2C08M	105	25	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SB3C02M	93	12.7	6
SB3C03M	99	19	9.5
SB3C05M	105	25	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SB4C01M	93	12.7	6
SB4C03M	99	19	9.5
SB4C04M	105	25	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SB6C01M	90	9.5	6
SB6C02M	96	16	9.5
SB6C03M	102	22	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SB7C01M	96	16	6
SB7C03M	107	27	9.5
SB7C04M	108	28	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SB8C03M	85	5	6
SB8C04M	86	6.4	8
SB8C05M	88	8	9.5
SB8C07M	91	11	12.7



Item No. (W. cut)	Size(mm)		
	L	L1	D
SB51C01M	99	19	8
SB51C02M	112	32	12.7

14°

⚠ Lower the rotation speed.

Shank dia. $\phi 6$ mm Long Shank

Feature

- Shank length : 150mm type.



Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
		L	L1	D
SB1C04L	SB1C04SL	163	12.7	6
SB1C06L	SB1C06SL	169	19	9.5
SB1C08L	SB1C08SL	175	25	12.7



Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
		L	L1	D
SB2C04L	SB2C04SL	163	12.7	6
SB2C06L	SB2C06SL	169	19	9.5
SB2C08L	SB2C08SL	175	25	12.7



Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
		L	L1	D
SB3C02L	SB3C02SL	163	12.7	6
SB3C03L	SB3C03SL	169	19	9.5
SB3C05L	SB3C05SL	175	25	12.7



Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
		L	L1	D
SB4C01L	SB4C01SL	163	12.7	6
SB4C03L	SB4C03SL	169	19	9.5
SB4C04L	SB4C04SL	175	25	12.7



Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
		L	L1	D
SB6C01L	SB6C01SL	160	9.5	6
SB6C02L	SB6C02SL	166	16	9.5
SB6C03L	SB6C03SL	172	22	12.7



Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
		L	L1	D
SB7C01L	SB7C01SL	172	16	6
SB7C03L	SB7C03SL	177	27	9.5
SB7C04L	SB7C04SL	178	28	12.7

14°



Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
		L	L1	D
SB8C03L	SB8C03SL	155	5	6
SB8C05L	SB8C05SL	158	8	9.5
SB8C07L	SB8C07SL	161	11	12.7



Item No. (W. cut)	Item No. (S. cut)	Size(mm)		
		L	L1	D
SB51C01L	SB51C01SL	169	19	8
SB51C02L	SB51C02SL	182	32	12.7

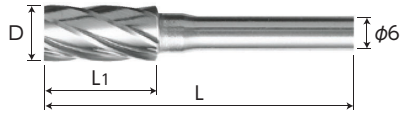
⚠ Lower the rotation speed.

SB-C-SA

■ SUPER CARBIDE BUR

Shank dia. $\phi 6\text{mm}$
Aluminum Cut

★ marked items : all carbide



Item No. (S. cut)	Size(mm)		
	L	L1	D
SB1C01SA★	50	19	6
SB1C02SA	63	19	9.5
SB1C03SA	69	25	12.7
SB1C04SA	69	25	16
SB1C05SA	69	25	19

Item No. (S. cut)	Size(mm)		
	L	L1	D
SB2C01SA★	50	19	6
SB2C02SA	63	19	9.5
SB2C03SA	69	25	12.7
SB2C04SA	69	25	19

Item No. (S. cut)	Size(mm)		
	L	L1	D
SB3C01SA★	50	19	6
SB3C02SA	63	19	9.5
SB3C03SA	69	25	12.7
SB3C04SA	69	25	16
SB3C05SA	76	32	19



Item No. (S. cut)	Size(mm)		
	L	L1	D
SB6C01SA	60	16	9.5
SB6C02SA	66	22	12.7
SB6C03SA	69	25	16
SB6C04SA	69	25	19

Item No. (S. cut)	Size(mm)		
	L	L1	D
SB7C01SA	74	27	9.5
SB7C02SA	76	28	12.7
SB7C03SA	77	30	16
SB7C04SA	85	38	19

Item No. (S. cut)	Size(mm)		
	L	L1	D
SB8C01SA★	50	5	6
SB8C02SA	52	8	9.5
SB8C03SA	55	11	12.7
SB8C04SA	58	14	16
SB8C05SA	62	16	19

SB6SH・SB6S-

■ SUPER CARBIDE BUR SET

► Accessories

- Plastic case as standard acc.



Shank dia. $\phi 6\text{mm}$ (W. cut) 5pcs-set

Set item No.	Set details
SB6SH	SB1C06・SB2C06・SB3C03・SB7C03・SB8C05

Shank dia. $\phi 6\text{mm}$ (W. cut) 10pcs-set

Set item No.	Set details
SB6S1	SB1C06・SB2C06・SB3C03:2pcs/set SB4C03・SB5C04・SB7C03・SB8C05:1pcs/set

Shank dia. $\phi 6\text{mm}$ (W. cut) 10pcs-set

Set item No.	Set details
SB6S2	SB1C06・SB2C06・SB3C03:3pcs/set SB8C05:1pcs/set

Shank dia. $\phi 6\text{mm}$
Diamond Cut



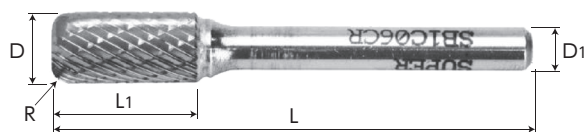
Item No.	Size(mm)		
	L	L1	D
SB1C01D	63	19	9.5

Item No.	Size(mm)		
	L	L1	D
SB2C02D	63	19	9.5

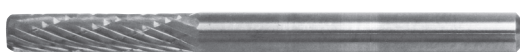
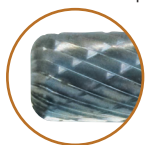
Item No.	Size(mm)		
	L	L1	D
SB3C03D	63	19	9.5

SB-C-D

■ SUPER CARBIDE BUR



Corner radius shape


Shank diameter D1 ϕ 3mm ★ marked items : all carbide

Item No. (W. cut)	Size (mm)			
	L	L1	D	Corner R
SB1A03CR★	38	14	3	0.7R

Corner radius shape


Shank diameter D1 ϕ 6mm (W. cut) 5pcs-set

Set item No.	Set details
SB6CRSH	SB1C04CR·SB1C05CR·SB1C06CR·SB1C08CR·SB1C09CR

SB1A03CR·SB1C-CR

■ SUPER CARBIDE BUR (Cylindrical Corner R Cut Shape)

► Features

- The corners of the bur tip are rounded, providing a better processing control, a wider processing range and allowing rounded corner processing.
- Avoids bur tip chipping.
- Shows its cutting ability from the beginning of processing, and makes also fine finish.

Corner radius shape



SB1C06CR

Shank diameter D1 ϕ 6mm ★ marked items : all carbide

Item No. (W. cut)	Size (mm)			
	L	L1	D	Corner R
SB1C04CR★	50	18	6	1.3R
SB1C05CR	64	20	8	1.5R
SB1C06CR	64	19	9.5	1.5R
SB1C08CR	70	25	12.7	2R
SB1C09CR	70	25	16	2.6R

SB6CRSH

■ SUPER CARBIDE BUR SET (Cylindrical Corner R Cut Shape)

► Features

- The corners of the bur tip are rounded, providing a better processing control, a wider processing range and allowing rounded corner processing.
- Avoids bur tip chipping.
- Shows its cutting ability from the beginning of processing, and makes also fine finish.
- Plastic case as standard acc.

