



Tungsten Carbide Burrs

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Tungsten Carbide Burrs



● 公司简介

江阴市双佳工具有限公司是专业的旋转锉生产厂家。本公司产品95%以上销往国际市场。质量上乘，服务周到。在二十年的发展历程中，公司已经形成了系列化的拳头产品，居于行业前列。

“工欲善其事，必先利其器”，我们拥有先进的生产加工设备、精密的检测仪器，有效的保证产品的一致性、稳定性、可靠性，技术专家直接参与指导生产，能有效确保每一件产品均达到设计要求。

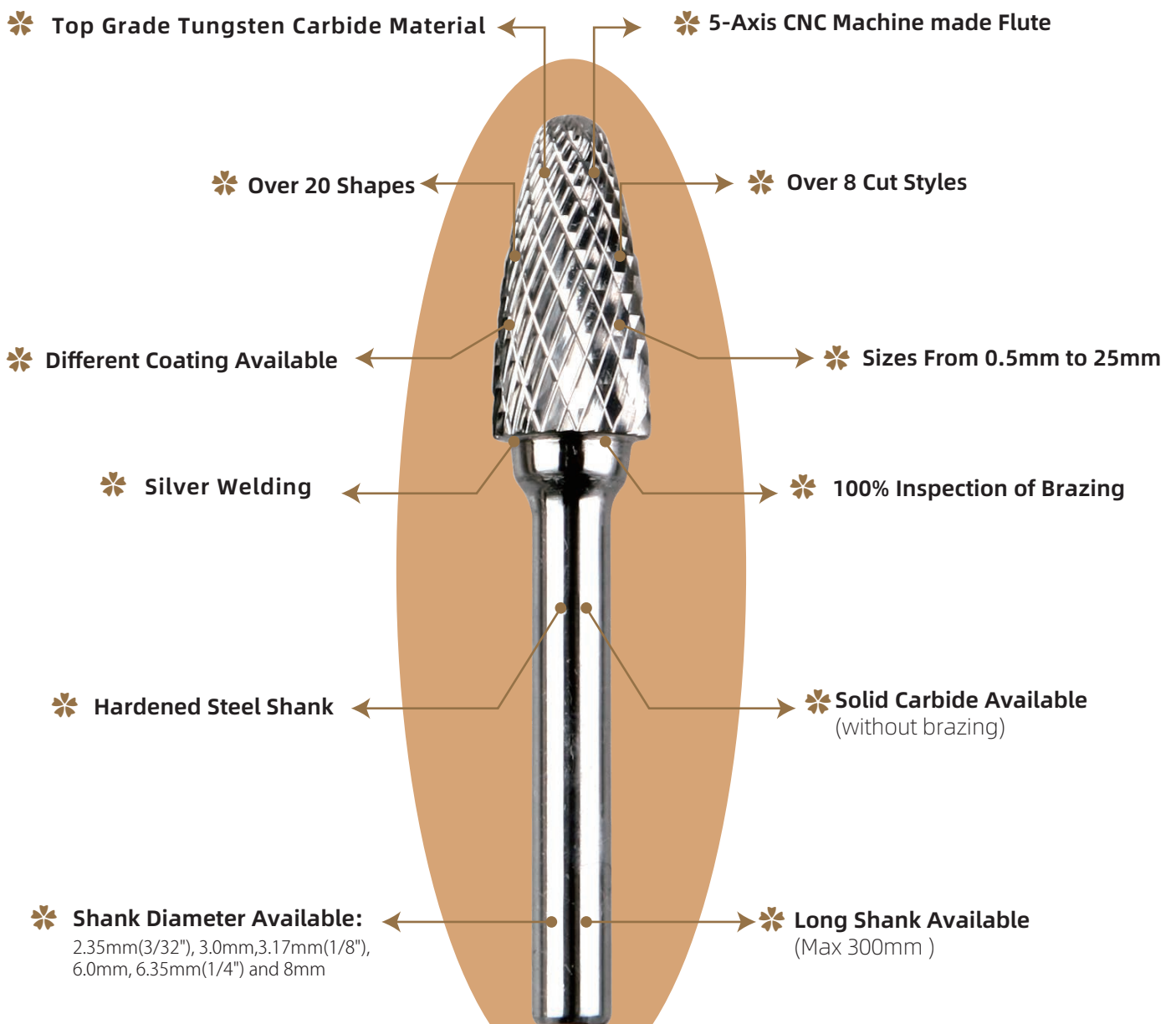
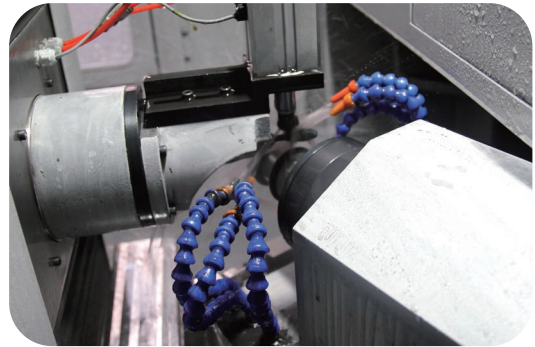
● Company Introduction

Jiangyin Shuangjia Tool Co., Ltd. (SJ Tool) is a professional maker of rotary burr. Over 95% of our products are exported to worldwide market with the best quality and service. By over 20 years development, our company has become the leading maker of several series of products in China.

"Sharp tools make good work". Our company is provided with the advanced manufacturing equipments and precise measuring instruments to guarantee the consistency, stability and reliability of our products. Technical experts are also directly involved in the production to ensure that each product is qualified to the design requirements.



Tungsten Carbide Burrs





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✿ Cut Styles



"D" Double Cut:

Very efficient stock removal. Creates a small chip. Good finish. Excellent operator control.



"S" Single Cut:

General purpose fluting. Produces long chips.



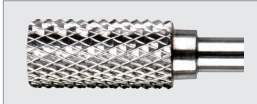
"N" Nonferrous:

For nonferrous materials, especially Aluminium. Aggressive stock removal.



"CB" Chip Breaker:

Provides breakdown in chips. Better control.



"DM" Diamond Cut:

For heat treated and tough alloy steels where control is important. Creates a powder-like chip. Excellent finish.



"HD" Steel Cut:

Tungsten carbide burrs with STEEL cut is for working with steel and cast steel. They are characterized by a significantly increased aggressiveness and good guidability. Thus they ensure safe and precise work. The extremely high stock removal performance makes these burrs with cut STEEL impressive with significant time savings and high economic value.

Advantages:

1. Up to 50% higher stock removal performance when used on steel and cast steel in comparison to conventional double cut burrs.
2. Significantly increases aggressiveness, large chips and very good chip removal through the innovative tooth geometry.
3. Protection of the workpiece and tool through much lower thermal load.



"HS" Inox Cut:

Tungsten carbide burrs with INOX cut is for work on stainless steel (INOX). The INOX cut is characterized by an extremely high stock removal performance on all austenitic as well as rust- and acid-resistant steels. It creates significantly less vibration than a comparable double cut.

Advantages:

1. Outstanding stock removal performance and tool life due to the innovative tooth geometry.
2. Achieves high surface qualities through optimum chip formation.
3. Prevents heat discolouration in the material due to the reduced heat generation.

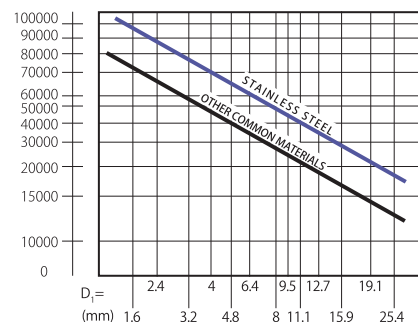


"MX" Mixed Cut

More Stable Cutting, Less Vibration
Fast Cutting, More Efficiency
More Smooth Surface after cutting
Longer Working Life

✿ Burr Speed Recommendations:

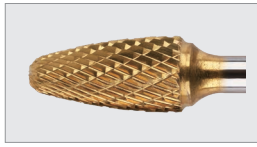
Extra-long burrs with 6mm shanks over 150mm long and 3mm shank burrs over 50mm long should be used at reduced speeds.



Tungsten Carbide Burrs



✿ Different Coating



Coating: TiN
Color: Golden
Feature: General purpose, good resistance of cutting edge breakage
Best For: Steel and Cast Iron



Coating: TiAlN
Color: Purple Black
Feature: High Hardness, Good wear resistance
Best For: Carbon Steel, Alloy Steel, Stainless Steel



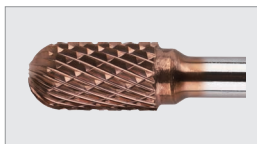
Coating: DLC
Color: Black
Feature: Low friction, better chip removal
Best For: Non Ferrous Metal



Coating: DLC ta-C
Color: Rainbow
Feature: Super Hardness, Low friction Better chip removal
Best For: Non Ferrous Metal



Coating: TiAlSiN
Color: Nano Blue
Feature: High temperature resistance, clogging free
Best For: Heat treated steel



Coating: AlTiN+TiSiN
Color: Bronze
Feature: High temperature resistance, clogging free
Best For: Super hard Heat treated steel

✿ Package



A



B



D



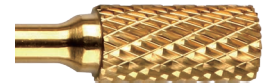
DISPLAY STAND



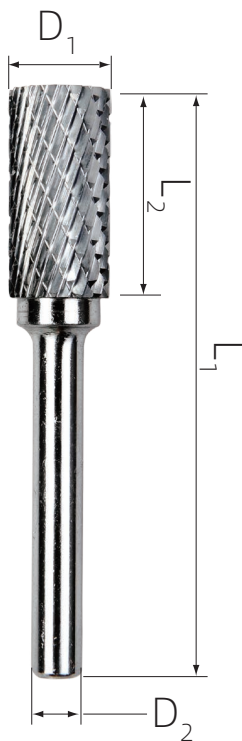


Tungsten Carbide Burrs

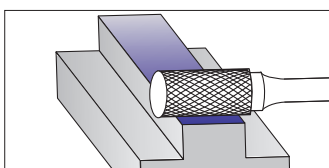
✱ CYLINDER ✓



A



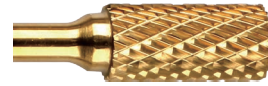
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A010603	1.5	6	3	38	SA-41M
A010603L2	1.5	6	3	50	SA-41ML2
A010603L3	1.5	6	3	75	SA-41ML3
A021103	2.5	11	3	38	SA-42M
A021103L2	2.5	11	3	50	SA-42ML2
A021103L3	2.5	11	3	75	SA-42ML3
A031206	3	12	6	56	SA-11M
A031403	3	14	3	38	SA-43M
A031403L2	3	14	3	50	SA-43ML2
A031403L3	3	14	3	75	SA-43ML3
A041606	4	16	6	60	SA-13M
A061303	6	13	3	48	SA-51M
A061606	6	16	6	60	SA-1M
A082006	8	20	6	64	SA-2M
A102006	10	20	6	64	SA-3M
A122506	12	25	6	69	SA-5M
A162506	16	25	6	69	SA-6M
A192506	19	25	6	69	SA-7M
A252506	25	25	6	69	SA-9M



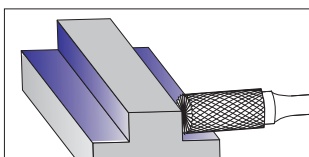
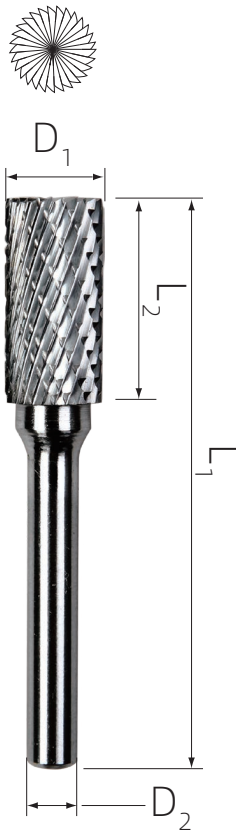
Tungsten Carbide Burrs



✿ CYLINDER WITH END CUT ✓



B

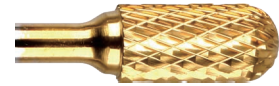


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B010603	1.5	6	3	38	SB-41M
B010603L2	1.5	6	3	50	SB-41ML2
B010603L3	1.5	6	3	75	SB-41ML3
B021103	2.5	11	3	38	SB-42M
B021103L2	2.5	11	3	50	SB-42ML2
B021103L3	2.5	11	3	75	SB-42ML3
B031206	3	12	6	56	SB-11M
B031403	3	14	3	38	SB-43M
B031403L2	3	14	3	50	SB-43ML2
B031403L3	3	14	3	75	SB-43ML3
B041606	4	16	6	60	SB-13M
B061303	6	13	3	48	SB-51M
B061606	6	16	6	60	SB-1M
B082006	8	20	6	64	SB-2M
B102006	10	20	6	64	SB-3M
B122506	12	25	6	69	SB-5M
B162506	16	25	6	69	SB-6M
B192506	19	25	6	69	SB-7M
B252506	25	25	6	69	SB-9M

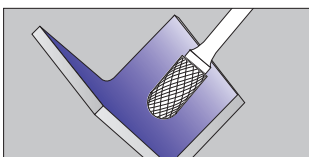
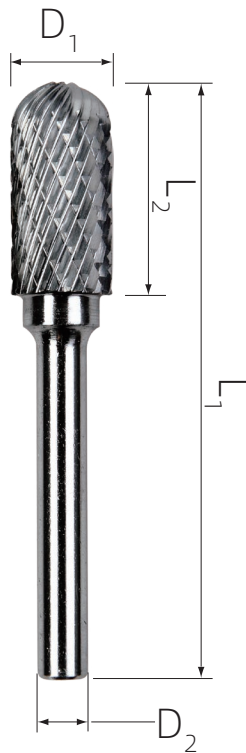


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✿ CYLINDER WITH RADIUS END

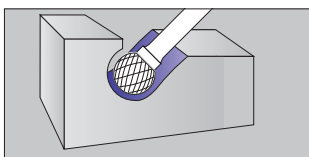
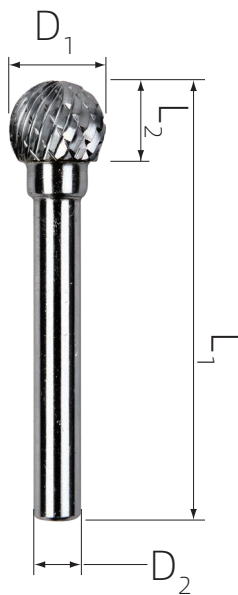


C



Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	SCTI
C021103	2.5	11	3	38	SC-41M
C031206	3	12	6	56	SC-11M
C031403	3	14	3	38	SC-42M
C031403L2	3	14	3	50	SC-42ML2
C031403L3	3	14	3	75	SC-42ML3
C041303	4	13	3	50	SC-52M
C041606	4	16	6	60	SC-13M
C051606	5	16	6	60	SC-14M
C061303	6	13	3	50	SC-51M
C061606	6	16	6	60	SC-1M
C082006	8	20	6	64	SC-2M
C102006	10	20	6	64	SC-3M
C122506	12	25	6	69	SC-5M
C162506	16	25	6	69	SC-6M
C192506	19	25	6	69	SC-7M
C252506	25	25	6	69	SC-9M

Tungsten Carbide Burrs

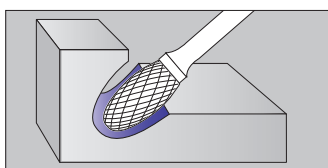
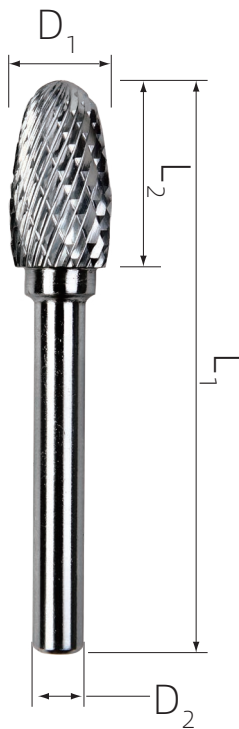
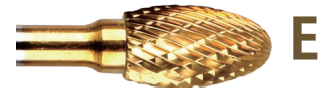


Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	SCTI
D020203	2.5	2.3	3	38	SD-41M
D030203	3	2.5	3	38	SD-42M
D030203L2	3	2.5	3	50	SD-42ML2
D030203L3	3	2.5	3	75	SD-42ML3
D030206	3	2.5	6	50	SD-11M
D040303	4	3.4	3	45	SD-52M
D050406	5	4.7	6	50	SD-14M
D060503	6	5	3	45	SD-51M
D060506	6	5	6	50	SD-1M
D080606	8	6.4	6	50	SD-2M
D100906	10	9	6	53	SD-3M
D121006	12	10.8	6	55	SD-5M
D161406	16	14	6	58	SD-6M
D191606	19	16	6	60	SD-7M
D252106	25	21	6	65	SD-9M



Tungsten Carbide Burrs

✱ OVAL ✓

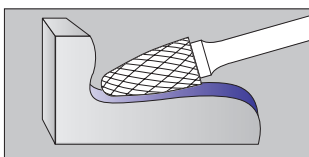
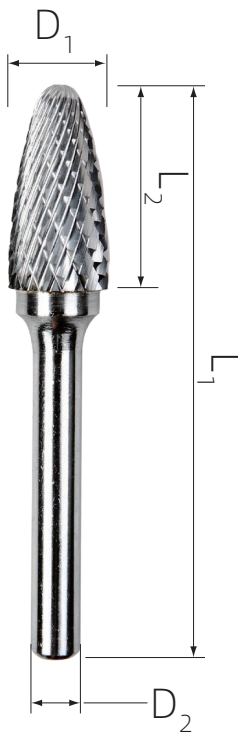
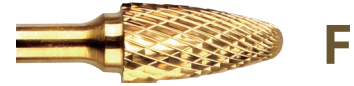


Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	SCTI
E030503	3	5.5	3	38	SE-41M
E030503L2	3	5.5	3	50	SE-41ML2
E030503L3	3	5.5	3	75	SE-41ML3
E050703	5	7.1	3	45	SE-53M
E060903	6	9.5	3	45	SE-51M
E060906	6	9.5	6	54	SE-1M
E081306	8	13	6	58	SE-2M
E101606	10	16	6	60	SE-3M
E122206	12	22	6	66	SE-5M
E162506	16	25	6	69	SE-6M
E192506	19	25	6	69	SE-7M

Tungsten Carbide Burrs



✿ TREE WITH RADIUS END ✓

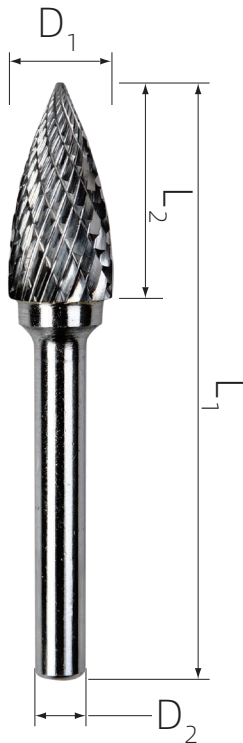
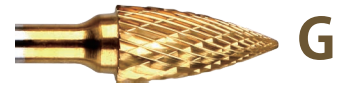


Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	SCTI
F030603	3	6	3	38	SF-41M
F031203	3	12.7	3	38	SF-42M
F031203L2	3	12.7	3	50	SF-42ML2
F031203L3	3	12.7	3	75	SF-42ML3
F031206	3	12.7	6	56	SF-11M
F051203	5	12.7	3	48	SF-53M
F061303	6	13	3	50	SF-51M
F061606	6	16	6	60	SF-1M
F061906	6	19	6	63	SF-1M
F082006	8	20	6	64	SF-2M
F102006	10	20	6	64	SF-3M
F122506	12	25	6	69	SF-5M
F162506	16	25	6	69	SF-6M
F192506	19	25	6	69	SF-7M

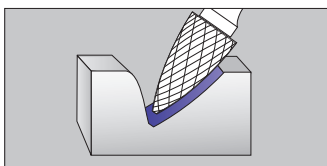


Tungsten Carbide Burrs

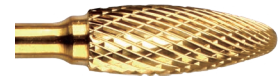
✱ TREE WITH POINTED END ▼



Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	SCTI
G030603	3	6	3	38	SG-41M
G030903	3	9.5	3	38	SG-43M
G031203	3	12.7	3	38	SG-44M
G031203L2	3	12.7	3	50	SG-44ML2
G031203L3	3	12.7	3	75	SG-44ML3
G061303	6	13	3	50	SG-51M
G061606	6	16	6	60	SG-1M
G082006	8	20	6	64	SG-2M
G102006	10	20	6	64	SG-3M
G122506	12	25	6	69	SG-5M
G162506	16	25	6	69	SG-6M
G192506	19	25	6	69	SG-7M



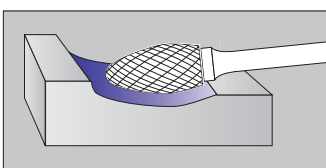
Tungsten Carbide Burrs



H



Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	SCTI
H030603	3	6.3	3	38	SH-41M
H030603L2	3	6.3	3	50	SH-41ML2
H030603L3	3	6.3	3	75	SH-41ML3
H061606	6	16	6	60	SH-1M
H082006	8	20	6	64	SH-2M
H102006	10	20	6	64	SH-3M
H123206	12	32	6	76	SH-5M
H163606	16	36	6	80	SH-6M
H194106	19	41	6	85	SH-7M





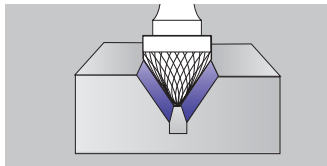
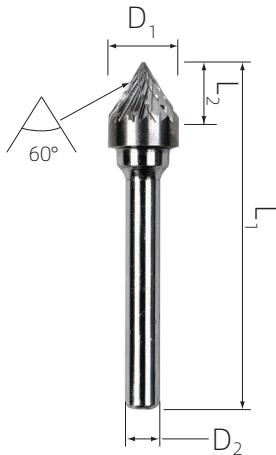
Tungsten Carbide Burrs



CONE 60°



J



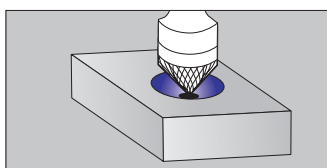
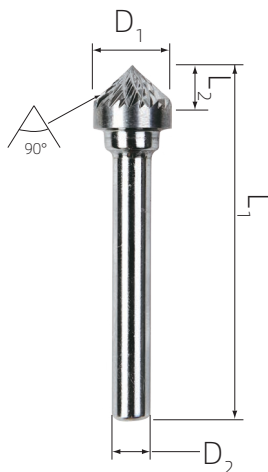
Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	SCTI
J030203	3	2.5	3	38	SJ-42M
J060406	6	4	6	50	SJ-1M
J100806	10	8	6	56	SJ-3M
J121106	12	11	6	59	SJ-5M
J161406	16	14.5	6	63	SJ-6M
J191706	19	17.5	6	66	SJ-7M
J252406	25	24.5	6	72	SJ-9M



CONE 90°



K

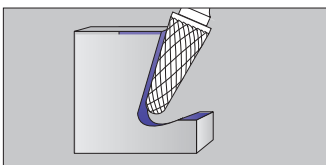
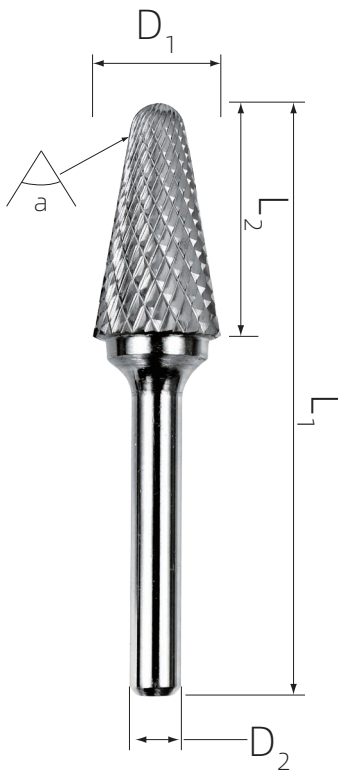
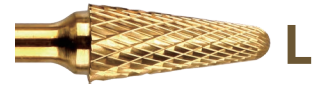


Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	SCTI
K030103	3	1.5	3	38	SK-42M
K060306	6	3	6	52	SK-1M
K080406	8	4	6	52	SK-2M
K100506	10	5	6	55	SK-3M
K120606	12	6	6	55	SK-5M
K160806	16	8	6	58	SK-6M
K190906	19	9.5	6	58	SK-7M
K251206	25	12.7	6	63	SK-9M

Tungsten Carbide Burrs



✿ TAPER RADIUS ✓

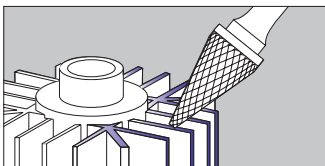
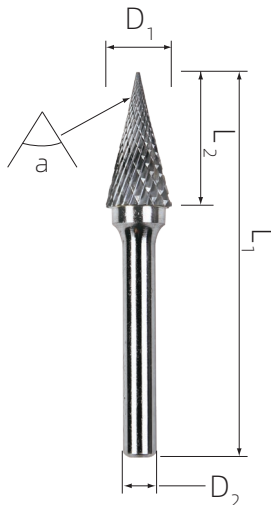
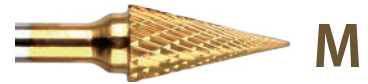


Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	a	SCTI
L030903	3	9.5	3	38	8°	SL-41M
L031203	3	12.7	3	38	8°	SL-42M
L031203L2	3	12.7	3	50	8°	SL-42ML2
L031203L3	3	12.7	3	75	8°	SL-42ML3
L061303	6	13	3	50	14°	SL-51M
L061606	6	16	6	60	14°	SL-1M
L082206	8	22	6	66	14°	SL-2M
L102506	10	25	6	69	14°	SL-3M
L122806	12	28	6	72	14°	SL-4M
L163006	16	30	6	74	14°	SL-5M
L193806	19	38	6	82	14°	SL-7M



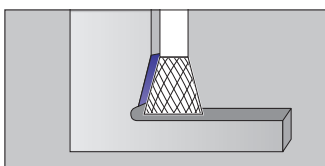
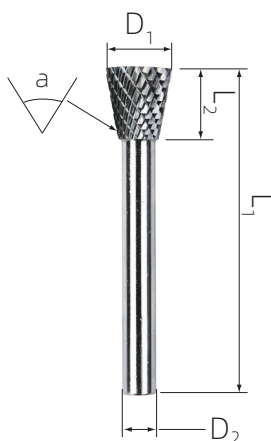
Tungsten Carbide Burrs

✿ CONE ✓



Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	a	SCTI
M030803	3	8.9	3	38	12°	SM-41M
M031103	3	11	3	38	14°	SM-42M
M031103L2	3	11	3	50	14°	SM-42ML2
M031103L3	3	11	3	75	14°	SM-42ML3
M031603	3	16	3	38	7°	SM-43M
M061303	6	13	3	50	22°	SM-51M
M061306	6	13	6	57	22°	SM-1M
M061906	6	19	6	63	14°	SM-2M
M102006	10	20	6	64	28°	SM-4M
M122506	12	25	6	69	28°	SM-5M
M162506	16	25	6	69	31°	SM-6M

✿ INVERTED CONE ✓

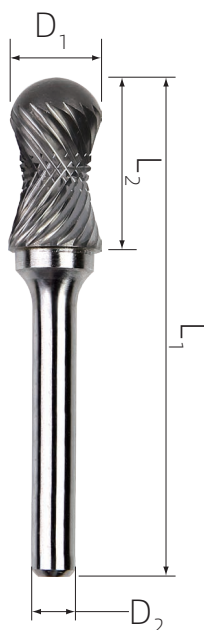


Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)	a	SCTI
N020303	2.5	3	3	38	10°	SN-41M
N030403	3	4	3	38	10°	SN-42M
N060603	6	6	3	50	10°	SN-51M
N060806	6	8	6	52	10°	SN-1M
N101006	10	10	6	54	13°	SN-2M
N121206	12	12	6	56	28°	SN-4M
N161906	16	19	6	63	18°	SN-6M
N191606	19	16	6	60	30°	SN-7M

Tungsten Carbide Burrs



MIXED SHAPE ✓



Code	D1(mm)	L2(mm)	D2(mm)	L1(mm)
CNM122506	12.7	25.4	6	70
NMB122506	12	25	6	70
NMC122506	12	25	6	70
NMF123606	12	36	6	81
NMG123606	12	36	6	81
NMJ123306	12	33	6	78



Tungsten Carbide Burrs



K-1



Shank Diameter: 6mm
Including: A1020, G1020,
D1009



K-2



Shank Diameter: 3mm
Including: C0314, M0311, F0312,
D0302, A0314, G0312, B0314



K-3



Shank Diameter: 6mm
Including: A1225, A1020, C1020,
F1225, G1225, D0806, F1020,
C0820, M1020, A0820



K-6



Shank Diameter: 3mm
Including: A0613, B0613,
C0613, D0605, D0403, F0512,
G0613, L0613



K-8 (Single Cut)



Shank Diameter: 6mm
Including: C0820, L0822,
G1020, F1020, C0616, N0608,
A0820, F0820, E1016



K-9



Shank Diameter: 6mm
Including: F1225, F1020,
D1210, D1009, C0616, C1020,
A1020, A1225



K-9B



Shank Diameter: 6mm
Including: F1225, F1020,
D1210, D1009, C0616, C1020,
A1020, A1225

Tungsten Carbide Burrs



K-10



Shank Diameter: 6mm

Including: D1009, C1020, B1020, F1225, C1225, B1225



K-11



Shank Diameter: 3mm

Including: A031403, C031403, D030203, E030503, F031203, G031203, H030603, L031203, M031103, N030403



K-12



Shank Diameter: 6mm

Including: B122506, F122506, E122206, G122506, L122806



K-13



Shank Diameter: 6mm

Including: B122506, C122506, D121006, F122506, L122806



K-14 (N Cut)



Shank Diameter: 6mm

Including: A102006, C102006, F102006, D100906



K-15



Shank Diameter: 6mm

Including: B122506, E122206, F122506, G122506, L122806, B061606, C061606, F061606, G061606, L061606



K-16



Shank Diameter: 3mm

Including: B061303, C061303, F051203, G061303, L061303, D060503



K-17



Shank Diameter: 6.35mm

Including: NMC1225, NMB1225, NMJ1232, NMG1236, NMF1236



K-18



Shank Diameter: 3mm

Including: B061303, C061303, D060503, E060903, F061303, G061303, H061303, L061303, M061303, BN060603



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