



JiGrade

TUNGSTEN CARBIDE BURRS



* Cut Style



Double Cut (D)



Single Cut (S)



Nonferrous (N)



Chip Breaker (CB)

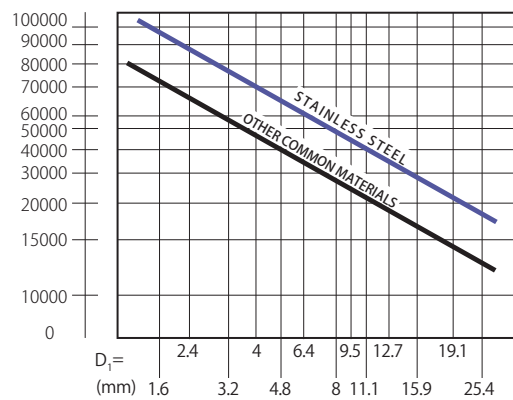


Diamond Cut (DM)

Material	D	S	N	CB	DM
Aluminium			√		
Brass, Bronze Copper	√			√	
Carbon Fiber		√			
Fiberglass					√
Cast Iron	√	√		√	
Plastic			√	√	√
Steel hardness 40-50Rc	√	√		√	√
Steel hardness 55-60Rc	√	√		√	√
Carbon Steel	√	√		√	
Nickel Chrome Steel	√	√		√	√
Stainless Steel	√	√		√	
Weldments Steel	√	√		√	
Titanium	√	√		√	
Zinc			√		

* 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.



* Different Coating Available



TiAlN



TiN

* Double Head Burr Available

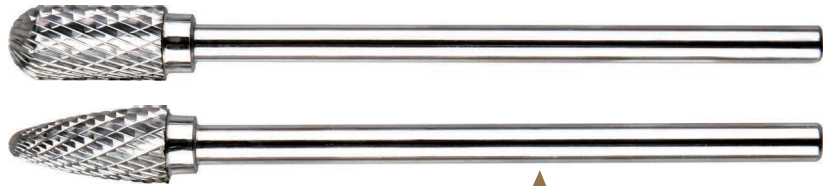


✿ 5-Axis CNC Machine Ground Flute



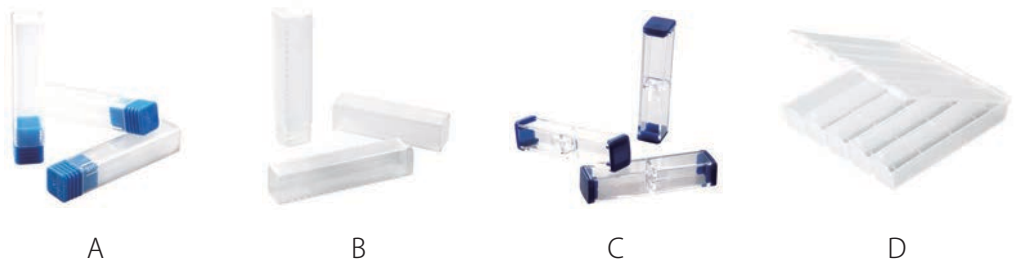
- ✿ 100% Inspection of Brazing
- ✿ Solid Carbide(without brazing)Available

✿ Extra Long Shank Available

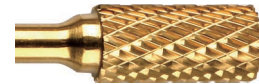


- ✿ Hardened Steel Shank
- ✿ Shank Diameter Available:
2.35mm(3/32"), 3.0mm,3.17mm(1/8"), 6.0mm, 6.35mm(1/4") and 8mm

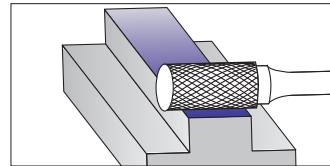
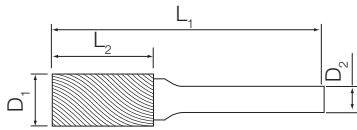
✿ Package Option



✿ CYLINDER ✓



A

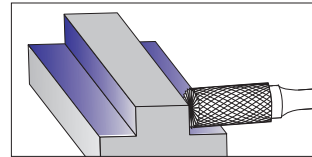
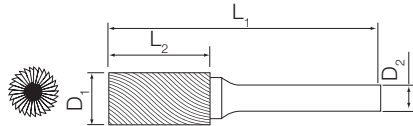
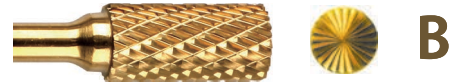


Code:	A010603	A010603L2	A010603L3	A021103	A021103L2	A021103L3	A031206	A031403	A031403L2	A031403L3	A041606
D1(mm)	15	15	15	25	25	25	3	3	3	3	4
L2(mm)	6	6	6	11	11	11	12	14	14	14	16
D2(mm)	3	3	3	3	3	3	6	3	3	3	6
L1(mm)	38	50	75	38	50	75	56	38	50	75	60
SCTI	SA-41M	SA-41ML2	SA-41ML3	SA-42M	SA-42ML2	SA-42ML3	SA-11M	SA-43M	SA-43ML2	SA-43ML3	SA-13M



Code:	A061303	A061606	A082006	A102006	A122506	A162506	A192506	A252506
D1(mm)	6	6	8	10	12	16	19	25
L2(mm)	13	16	20	20	25	25	25	25
D2(mm)	3	6	6	6	6	6	6	6
L1(mm)	48	60	64	64	69	69	69	69
SCTI	SA-51M	SA-1M	SA-2M	SA-3M	SA-5M	SA-6M	SA-7M	SA-9M

✿ CYLINDER WITH END CUT ✓

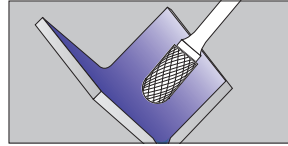
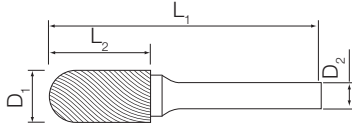
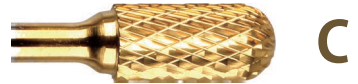


Code:	B010603	B010603L2	B010603L3	B021103	B021103L2	B021103L3	B031206	B031403	B031403L2	B031403L3	B041606
D1(mm)	15	15	15	25	25	25	3	3	3	3	4
L2(mm)	6	6	6	11	11	11	12	14	14	14	16
D2(mm)	3	3	3	3	3	3	6	3	3	3	6
L1(mm)	38	50	75	38	50	75	56	38	50	75	60
SCTI	SB-41M	SB-41ML2	SB-41ML3	SB-42M	SB-42ML2	SB-42ML3	SB-11M	SB-43M	SB-43ML2	SB-43ML3	SB-13M



Code:	B061303	B061606	B082006	B102006	B122506	B162506	B192506	B252506
D1(mm)	6	6	8	10	12	16	19	25
L2(mm)	13	16	20	20	25	25	25	25
D2(mm)	3	6	6	6	6	6	6	6
L1(mm)	48	60	64	64	69	69	69	69
SCTI	SB-51M	SB-1M	SB-2M	SB-3M	SB-5M	SB-6M	SB-7M	SB-9M

* CYLINDER WITH RADIUS END

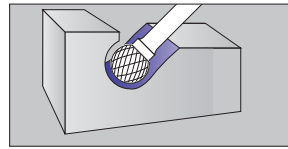
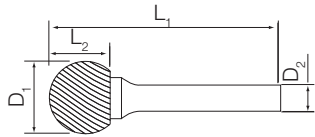


Code:	C021103	C031206	C031403	C031403L2	C031403L3	C041303	C041606	C051606	C061303
D1(mm)	25	3	3	3	3	4	4	5	6
L2(mm)	11	12	14	14	14	13	16	16	13
D2(mm)	3	6	3	3	3	3	6	6	3
L1(mm)	38	56	38	50	75	50	60	60	50
SCTI	SC-41M	SC-11M	SC-42M	SC-42ML2	SC-42ML3	SC-52M	SC-13M	SC-14M	SC-51M



Code:	C061606	C082006	C102006	C122506	C162506	C192506	C252506
D1(mm)	6	8	10	12	16	19	25
L2(mm)	16	20	20	25	25	25	25
D2(mm)	6	6	6	6	6	6	6
L1(mm)	60	64	64	69	69	69	69
SCTI	SC-1M	SC-2M	SC-3M	SC-5M	SC-6M	SC-7M	SC-9M

 **BALL** 

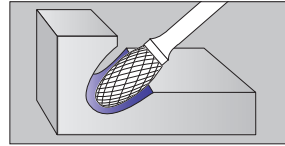
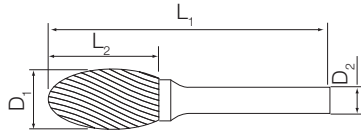
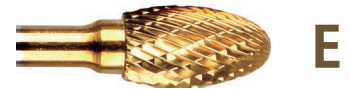


Code:	D020203	D030203	D030203L2	D030203L3	D030206	D040303	D050406	D060503	D060506
D1(mm)	2.5	3	3	3	3	4	5	6	6
L2(mm)	2.3	2.5	2.5	2.5	2.5	3.4	4.7	5	5
D2(mm)	3	3	3	3	6	3	6	3	6
L1(mm)	38	38	50	75	50	45	50	45	50
SCTI	SD-41M	SD-42M	SD-42ML2	SD-42ML3	SD-11M	SD-52M	SD-14M	SD-51M	SD-1M



Code:	D080606	D100906	D121006	D161406	D191606	D252106
D1(mm)	8	10	12	16	19	25
L2(mm)	6.4	9	10.8	14	16	21
D2(mm)	6	6	6	6	6	6
L1(mm)	50	53	55	58	60	65
SCTI	SD-2M	SD-3M	SD-5M	SD-6M	SD-7M	SD-9M

✿ OVAL ▾

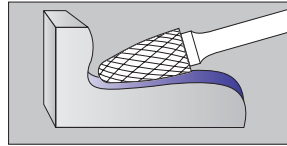
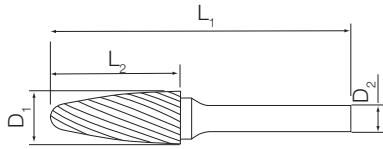
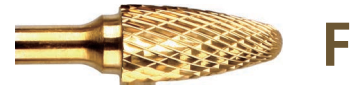


Code:	E030503	E030503L2	E030503L3	E050703	E060903	E060906
D1(mm)	3	3	3	5	6	6
L2(mm)	5.5	5.5	5.5	7.1	9.5	9.5
D2(mm)	3	3	3	3	3	6
L1(mm)	38	50	75	45	45	54
SCTI	SE-41M	SE-41ML2	SE-41ML3	SE-53M	SE-51M	SE-1M



Code:	E081306	E101606	E122206	E162506	E192506
D1(mm)	8	10	12	16	19
L2(mm)	13	16	22	25	25
D2(mm)	6	6	6	6	6
L1(mm)	58	60	66	69	69
SCTI	SE-2M	SE-3M	SE-5M	SE-6M	SE-7M

✿ TREE WITH RADIUS END ✓

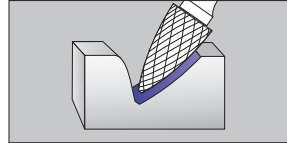
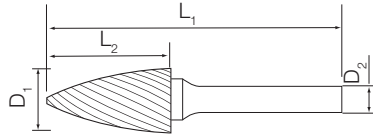
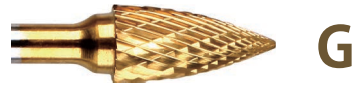


Code:	F030603	F031203	F031203L2	F031203L3	F031206	F051203	F061303	F061606
D1(mm)	3	3	3	3	3	5	6	6
L2(mm)	6	12.7	12.7	12.7	12.7	12.7	13	16
D2(mm)	3	3	3	3	6	3	3	6
L1(mm)	38	38	50	75	56	48	50	60
SCTI	SF-41M	SF-42M	SF-42ML2	SF-42ML3	SF-11M	SF-53M	SF-51M	SF-1M



Code:	F061906	F082006	F102006	F122506	F162506	F192506
D1(mm)	6	8	10	12	16	19
L2(mm)	19	20	20	25	25	25
D2(mm)	6	6	6	6	6	6
L1(mm)	63	64	64	69	69	69
SCTI	SF-1M	SF-2M	SF-3M	SF-5M	SF-6M	SF-7M

✿ TREE WITH POINTED END ✓

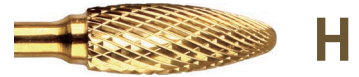
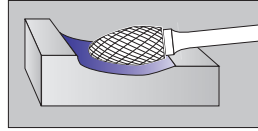
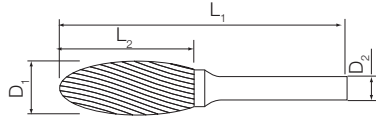


Code:	G030603	G030903	G031203	G031203L2	G031203L3	G061303
D1(mm)	3	3	3	3	3	6
L2(mm)	6	9.5	12.7	12.7	12.7	13
D2(mm)	3	3	3	3	3	3
L1(mm)	38	38	38	50	75	50
SCTI	SG-41M	SG-43M	SG-44M	SG-44ML2	SG-44ML3	SG-51M



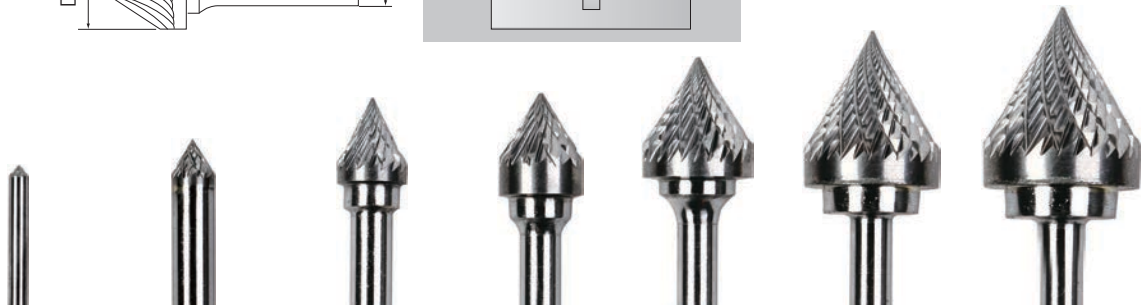
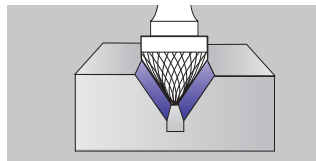
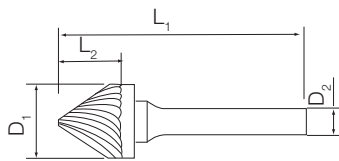
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D1(mm)	6	8	10	12	16	19
L2(mm)	16	20	20	25	25	25
D2(mm)	6	6	6	6	6	6
L1(mm)	60	64	64	69	69	69
SCTI	SG-1M	SG-2M	SG-3M	SG-5M	SG-6M	SG-7M

FLAME 



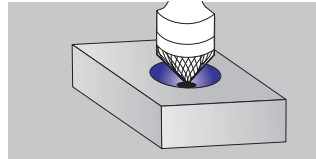
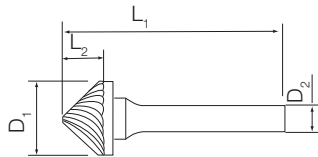
Code:	H030603	H030603L2	H030603L3	H061606	H082006	H102006	H123206	H163606	H194106
D1(mm)	3	3	3	6	8	10	12	16	19
L2(mm)	6.3	6.3	6.3	16	20	20	32	36	41
D2(mm)	3	3	3	6	6	6	6	6	6
L1(mm)	38	50	75	60	64	64	76	80	85
SCTI	SH-41M	SH-41ML2	SH-41ML3	SH-1M	SH-2M	SH-3M	SH-5M	SH-6M	SH-7M

CONE 60° 



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

✿ CONE 90° ✓

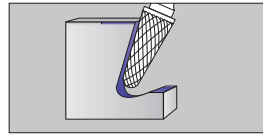
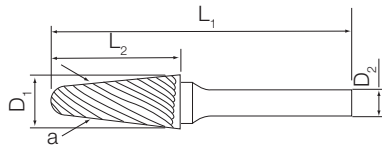
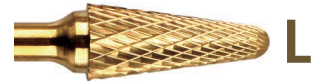


Code:	K030103	K060306	K080406	K100506
D1(mm)	3	6	8	10
L2(mm)	1.5	3	4	5
D2(mm)	3	6	6	6
L1(mm)	38	52	52	55
SCTI	SK-42M	SK-1M	SK-2M	SK-3M



Code:	K120606	K160806	K190906	K251206
D1(mm)	12	16	19	25
L2(mm)	6	8	9.5	12.7
D2(mm)	6	6	6	6
L1(mm)	55	58	58	63
SCTI	SK-5M	SK-6M	SK-7M	SK-9M

 TAPER RADIUS 

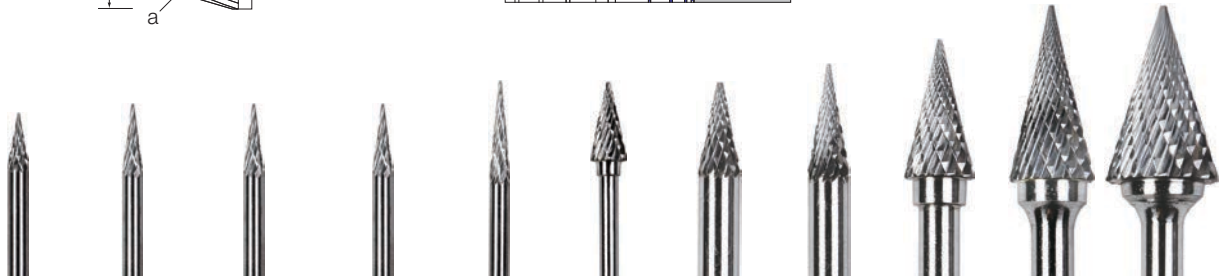
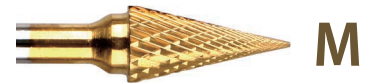
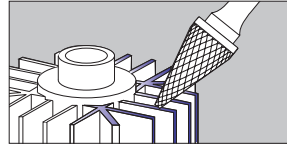
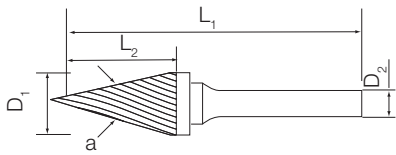


Code:	L030903	L031203	L031203L2	L031203L3	L061303	L061606
D1(mm)	3	3	3	3	6	6
L2(mm)	9.5	12.7	12.7	12.7	13	16
D2(mm)	3	3	3	3	3	6
L1(mm)	38	38	50	75	50	60
a	8°	8°	8°	8°	14°	14°
SCTI	SL-41M	SL-42M	SL-42ML2	SL-42ML3	SL-51M	SL-1M



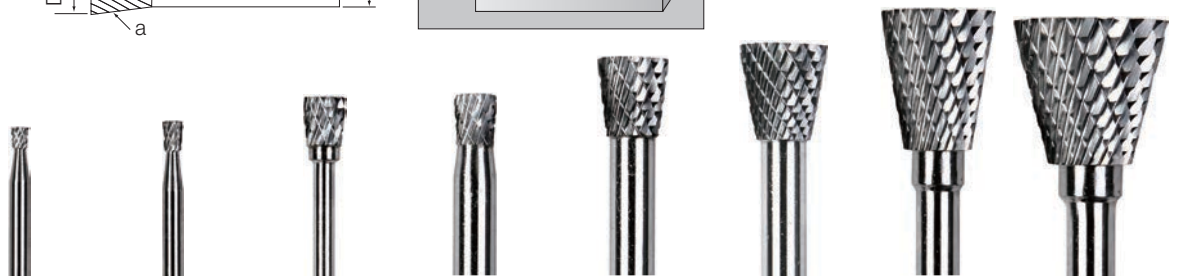
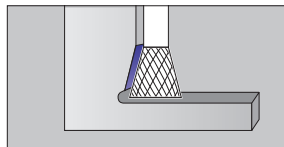
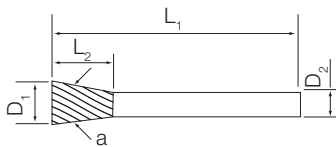
Code:	L082206	L102506	L122806	L163006	L193806
D1(mm)	8	10	12	16	19
L2(mm)	22	25	28	30	38
D2(mm)	6	6	6	6	6
L1(mm)	66	69	72	74	82
a	14°	14°	14°	14°	14°
SCTI	SL-2M	SL-3M	SL-4M	SL-5M	SL-7M

✿ CONE ✓



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

✿ INVERTED CONE ✓



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



✿ 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-10 ▲

Shank Diameter: 6mm
Including: D1009, C1020,
 B1020, F1225, C1225, B1225



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