

Solid End Milling • Burs

Burs..... R2-R18



WIDIA™ Metal Removal Carbide Burs

Carbide Burs



WIDIA™ carbide burs are manufactured in compliance with USCTI standards and are the highest quality in the industry, delivering excellent performance and safety. Our unique manufacturing process ensures exceptional tool life with the reliability to operate safely at high speeds. WIDIA burs offer a comprehensive portfolio of sizes and shapes for all applications and workpiece materials.

- Complete selection of shapes and cut styles for all materials and applications.
- Solid shank and brazed-on steel styles.
- Highest quality materials and construction deliver exceptional tool life.
- Wide array of sizes and shank lengths.
- Available in multiple size and style kits.
- Use of industry-standard USCTI codes for easy identification.

Micrograin carbide
Consistent performance
and tool life.

USCTI Standards
Industry-standard
shapes and sizes.



High-quality brazing and testing
Ensures safety at high RPMs.

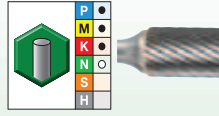
High-quality steel shanks
Multiple lengths and styles.

Standard Cut Styles

Standard Cut (Right-Hand Spiral)

The WIDIA™ standard (right-hand spiral) cut produces a smooth finish for general-purpose use on steel, cast iron, and other ferrous and non-ferrous materials.

Most WIDIA carbide burs are available in the right-hand spiral design.

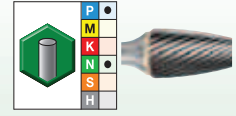


Special Cut Styles

Coarse Cut

Coarse cut burs are favored for applications in softer materials such as brass, lead, annealed low-carbon steels, and some aluminium alloys. The combination of fewer flutes with greater depths provides the chip clearance necessary for these materials.

Available as specials.

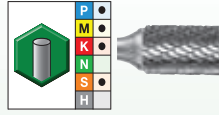


Master Cut (Double Cut)

The WIDIA exclusive master cut, with its chisel-type cutting edge, is a machine-ground tool built to exacting tolerances of concentricity, size, and shape. This accuracy, when combined with precision grinders, results in smooth-running, fast metal removal, and fine finishes. The right- and left-hand helical flutes combine to produce a chisel-type cutting tooth. This results in faster penetration and stock removal with minimal bounce or chatter.

The master cut design also produces an easy-to-handle granular-type chip in most metals, as opposed to the conventional sliver-type chips.

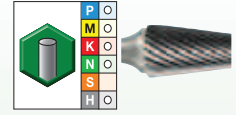
Throughout its life, the master cut gives faster stock removal and less operator fatigue, and maintains a good finish on the widest possible variety of workpiece materials.



Fine Cut RHS

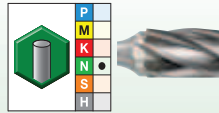
The WIDIA fine cut right-hand spiral is used in applications where stock removal is light and workpiece finish is critical. A greater number of flutes reduces chip load and provides excellent control in deburring small, intricate areas.

Available as specials.



Aluminium Cut

The WIDIA aluminium cut burs are outstanding on soft or non-ferrous type materials. Use the aluminium cut design on aluminium, magnesium, brass, lead, and most plastics.

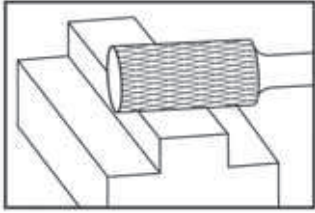


How to select a Bur

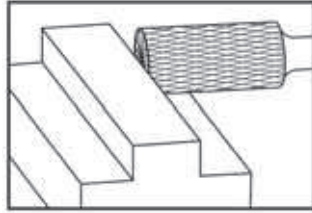
Applications	Material	Cut	
Efficient stock removal — deburring, finishing, and cleaning.	Ferrous metals Non-ferrous metals	Double Master Cut	
Heavy stock removal — deburring, milling, cleaning, and machining.	Non-ferrous metal: aluminium alloys Plastics	Aluminium Cut	
Medium stock removal — deburring, milling, cleaning, and finishing.	Non-ferrous metal: aluminium alloys Plastics Hard rubber	Coarse Cut Special Cut Style	
Medium stock removal — deburring, milling, cleaning, and finishing.	Non-Hardened steel >45 HRC Hardened steel >45 HRC: stainless steel High-temperature resistant metals: nickel, cobalt, titanium Non-ferrous light metals: brass, copper, and zinc Hardened >45 HRC: cast iron	Single Cut	
Light stock removal — fine deburring and fine finishing.	Hardened steel >45 HRC	Fine Cut Special Cut Style	

Bur Shapes

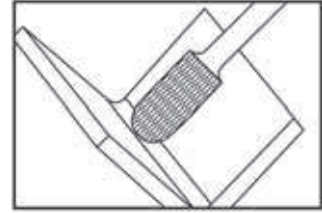
A Shape



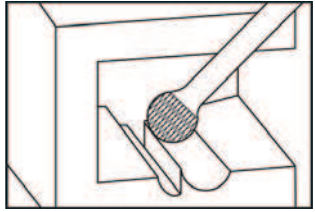
B Shape



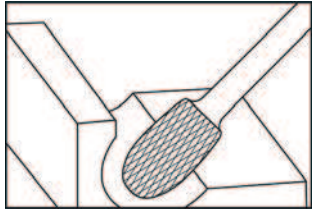
C Shape



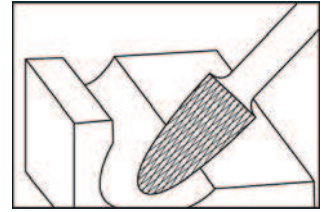
D Shape



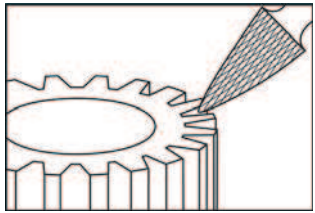
E Shape



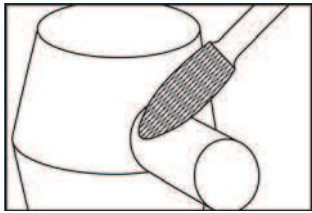
F Shape



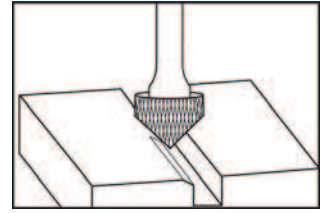
G Shape



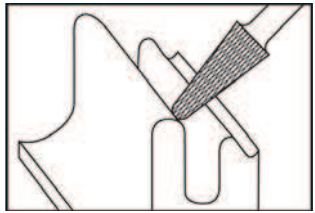
H Shape



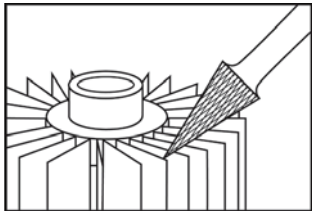
K Shape



L Shape



M Shape



Shank Styles

A Shank

3mm solid carbide shank



B Shank

3mm hardened steel shank



C Shank

6mm hardened steel shank



D Shank

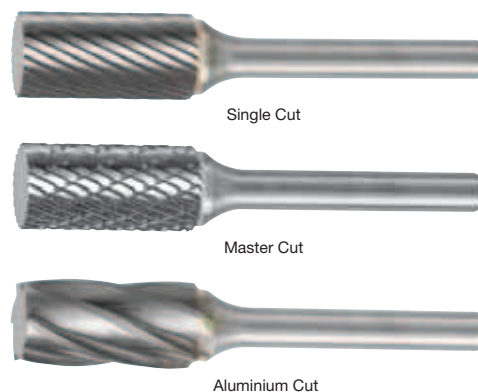
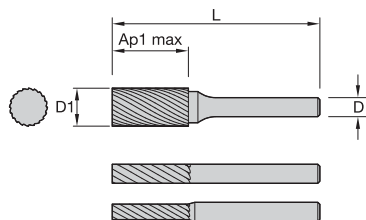
3mm solid carbide shank



Bur Cutting Speeds

Bur Diameter	Recommended Cutting Speed (RPM)	Maximum Cutting Speed (RPM)
1,6mm	60,000–90,000	100,000
3,0mm	40,000–70,000	90,000
4,8mm	35,000–60,000	80,000
6,4mm	30,000–50,000	70,000
8,0mm	20,000–40,000	68,000
9,5mm	20,000–40,000	66,000
11,1mm	15,000–40,000	58,000
12,7mm	15,000–40,000	50,000
15,9mm	12,000–25,000	40,000
19,1mm	10,000–20,000	33,000
25,4mm	7,500–20,000	25,000
28,8mm	7,000–13,000	20,000
38,1mm	5,000–10,000	17,000
44,5mm	4,500–9,000	14,000
50,8mm	4,000–8,000	12,500

- Cylindrical shape.
- No end cut.
- Shank styles A, B, and C — see page R5 for shank style definitions.

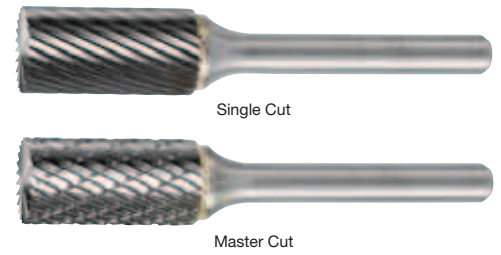
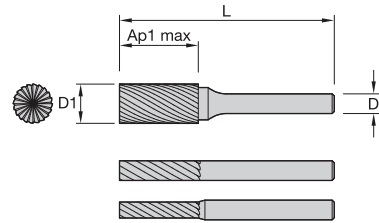


■ Series SA-M Cylindrical

USCTI Number	Single Cut		Master Cut		Aluminium Cut		D1	D	Ap1 max	length L	shank style
	order #	catalogue #	order #	catalogue #	order #	catalogue #					
SA-41M	3009447	M40222	1598896	M41222	-	-	1,6	3,0	4,8	38,1	A
SA-42M	3009448	M40223	1293458	M41223	-	-	2,4	3,0	11,1	38,1	A
SA-43M	2736521	M40224	2270852	M41224	-	-	3,0	3,0	14,3	31,8	A
SA-11M	-	-	2991270	M41225	-	-	3,1	6,0	12,7	50,8	C
SA-52M	-	-	1977421	M41226	-	-	4,0	3,0	12,7	38,1	A
SA-53M	2961525	M40227	2949031	M41227	-	-	4,8	3,0	12,7	38,1	A
SA-14M	2736516	M40228	1293727	M41228	-	-	4,8	6,0	15,9	50,8	C
SA-1M	2736509	M40229	1977519	M41229	2987350	M40551	6,0	6,0	15,9	50,8	C
SA-51M	2736505	M40230	-	-	-	-	6,4	3,0	4,8	36,5	B
SA-51M-2	-	-	1977415	M41231	-	-	6,4	3,0	12,7	44,5	B
SA-2M	2991245	M40232	2735696	M41232	-	-	7,9	6,0	19,1	63,5	C
SA-3M	2736500	M40233	1293733	M41233	2736260	M40552	9,5	6,0	19,1	63,5	C
SA-4M	-	-	2979468	M41235	-	-	11,1	6,0	25,4	69,9	C
SA-5M	2990411	M40237	2219983	M41237	2736256	M40553	12,7	6,0	25,4	69,9	C
SA-6M	2736488	M40239	2987343	M41239	2991264	M40555	15,9	6,0	25,4	69,9	C
SA-16M	-	-	2735681	M41241	-	-	19,1	6,0	19,1	69,9	C
SA-7M	3009451	M40242	-	-	-	-	19,1	6,0	25,4	69,9	C
SA-9M	-	-	3009494	M41245	-	-	25,4	6,0	25,4	69,9	C

Burs

- Cylindrical shape.
- With end cut.
- Shank styles A, B, and C — see page R5 for shank style definitions.

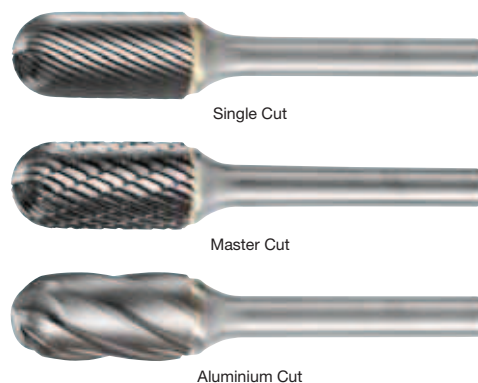
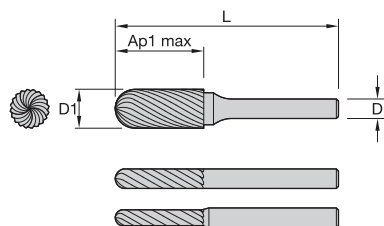


■ Series SB-M Cylindrical with End Cut

USCTI Number	Single Cut		Master Cut		D1	D	Ap1 max	length L	shank style
	order #	catalogue #	order #	catalogue #					
SB-41M	-		2894606	M41261	1,6	3,0	6,4	38,1	A
SB-42M	-		2991812	M41262	2,4	3,0	11,1	38,1	A
SB-43M	3009453	M40263	2220466	M41263	3,0	3,0	14,3	38,1	A
SB-52M	-		2991813	M41265	4,0	3,0	12,7	38,1	A
SB-53M	-		3009496	M41266	4,8	3,0	12,7	38,1	A
SB-14M	3009454	M40267	-		4,8	6,0	15,9	50,8	C
SB-1M	2986664	M40268	2987342	M41268	6,0	6,0	15,9	50,8	C
SB-51M	-		2987341	M41269	6,4	3,0	4,8	36,5	B
SB-51M-2	-		2987340	M41270	6,4	3,0	6,4	44,5	B
SB-2M	2981749	M40271	2987339	M41271	7,9	6,0	19,1	63,5	C
SB-3M	2979470	M40272	2987338	M41272	9,5	6,0	19,1	63,5	C
SB-5M	2736421	M40274	2987337	M41274	12,7	6,0	25,4	69,9	C
SB-5M-2	-		3324689	M41275	12,7	8,0	25,4	76,2	C
SB-6M	-		2991272	M41276	15,9	6,0	25,4	69,9	C
SB-6M-2	-		3324690	M41277	15,9	8,0	25,4	76,2	C
SB-9M	2736416	M40282	-		25,4	6,0	25,4	69,9	C



- Cylindrical shape.
- Ball nose end cut.
- Shank styles A, B, and C — see page R5 for shank style definitions.

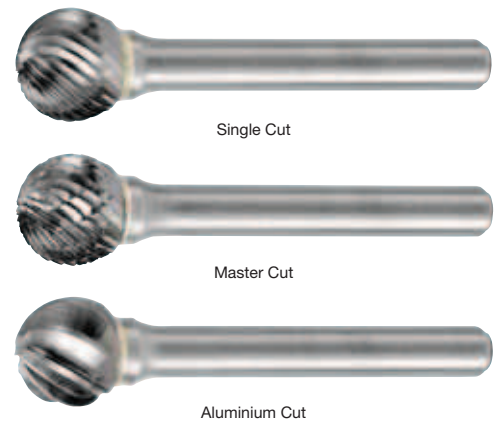
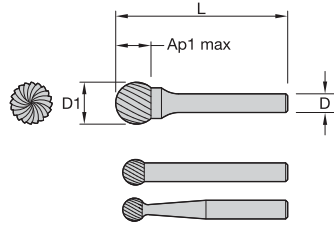


■ Series SC-M Cylindrical Ball Nose

USCTI Number	Single Cut		Master Cut		Aluminium Cut		D1	D	Ap1 max	length L	shank style
	order #	catalogue #	order #	catalogue #	order #	catalogue #					
SC-41M	2991248	M40303	2990415	M41303	-	-	2,4	3,0	11,1	38,1	A
SC-42M	2736319	M40304	1977373	M41304	-	-	3,0	3,0	14,3	38,1	A
SC-52M	-	-	2735503	M41306	-	-	4,0	3,0	12,7	38,1	A
SC-53M	-	-	2894604	M41307	-	-	4,8	3,0	12,7	38,1	A
SC-14M	-	-	2991273	M41308	-	-	4,8	6,0	15,9	50,8	C
SC-1M	2730690	M40309	1977546	M41309	2730007	M40559	6,0	6,0	15,9	50,8	C
SC-51M	2991249	M40310	2894603	M41310	-	-	6,4	3,0	12,7	44,5	B
SC-2M	-	-	2729973	M41311	-	-	7,9	6,0	19,1	63,5	C
SC-3M	-	-	1977548	M41312	2730002	M40560	9,5	6,0	19,1	63,5	C
SC-4M	-	-	2987336	M41314	-	-	11,1	6,0	25,4	69,9	C
SC-5M	2736314	M40316	1977549	M41316	2987349	M40561	12,7	6,0	25,4	69,9	C
SC-5M-2	-	-	3009499	M41317	-	-	12,7	8,0	25,4	76,2	C
SC-6M	-	-	2991274	M41318	-	-	15,9	6,0	25,4	69,9	C
SC-6M-2	-	-	3005591	M41319	-	-	15,9	8,0	25,4	76,2	C
SC-7M	-	-	2991275	M41320	-	-	19,1	6,0	25,4	69,9	C

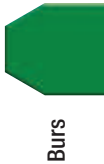
Burs

- Ball shape.
- Shank styles A, B, and C — see page R5 for shank style definitions.

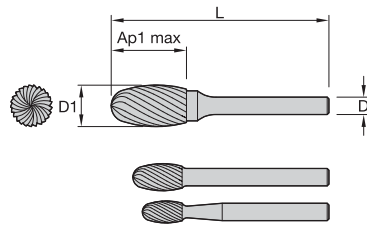


■ Series SD-M BALL

USCTI Number	Single Cut		Master Cut		Aluminium Cut		D1	D	Ap1 max	length L	shank style
	order #	catalogue #	order #	catalogue #	order #	catalogue #					
SD-40M	1293470	M40342	-	-	-	-	1,6	3,0	1,6	38,1	A
SD-41M	2656784	M40343	2729868	M41343	-	-	2,4	3,0	2,4	38,1	A
SD-42M	2730572	M40344	2729863	M41344	-	-	3,0	3,0	3,0	38,1	A
SD-53M	-	-	2973335	M41345	-	-	4,8	3,0	4,8	38,1	A
SD-14M	3009458	M40346	2987335	M41346	-	-	4,8	6,0	4,8	50,8	C
SD-1M	2730567	M40347	2729860	M41347	3009484	M40567	6,0	6,0	6,0	50,8	C
SD-51M	-	-	2729855	M41348	-	-	6,4	3,0	6,4	38,1	B
SD-2M	2991252	M40349	2987334	M41349	-	-	7,9	6,0	7,9	51,6	C
SD-3M	-	-	2991276	M41350	2991265	M40568	9,5	6,0	9,5	52,8	C
SD-4M	-	-	2990416	M41351	-	-	11,1	6,0	11,1	54,4	C
SD-5M	2991254	M40352	2729850	M41352	-	-	12,7	6,0	12,7	56,0	C
SD-5M-2	3324657	M40353	-	-	-	-	12,7	8,0	12,7	62,3	C
SD-6M	2991255	M40354	3009500	M41354	-	-	15,9	6,0	15,9	58,7	C
SD-6M-2	-	-	-	-	2991266	M40572	15,9	8,0	15,9	65,1	C
SD-7M	-	-	2729840	M41356	-	-	19,1	6,0	19,1	61,9	C



- Egg shape.
- Shank styles A, B, and C — see page R5 for shank style definitions.



Single Cut



Master Cut

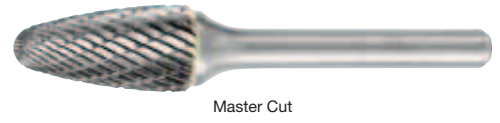
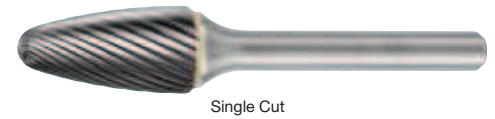
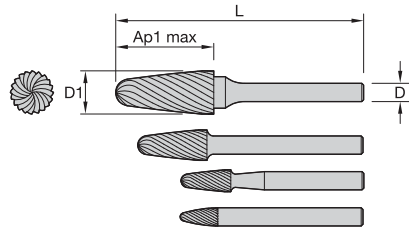


Aluminium Cut

■ Series SE-M EGG

USCTI Number	Single Cut		Master Cut		Aluminium Cut		D1	D	Ap1 max	length L	shank style
	order #	catalogue #	order #	catalogue #	order #	catalogue #					
SE-41M	2991803	M40368	2729793	M41368	-	-	3,0	3,0	5,6	38,1	A
SE-53M	-	-	2991815	M41369	-	-	4,8	3,0	7,1	38,1	A
SE-1M	-	-	2969583	M41372	-	-	6,0	6,0	9,5	50,8	C
SE-51M	2991256	M40370	2987333	M41370	-	-	6,4	3,0	9,5	41,3	B
SE-3M	-	-	2991277	M41371	-	-	9,5	6,0	15,9	60,3	C
SE-5M	2730515	M40373	1977570	M41373	2987348	M40574	12,7	6,0	22,2	66,7	C
SE-5M-2	-	-	3324697	M41374	-	-	12,7	8,0	25,4	76,2	C
SE-6M	-	-	2991278	M41375	-	-	15,9	6,0	25,4	69,9	C
SE-7M	-	-	2991816	M41377	-	-	19,1	6,0	25,4	69,9	C

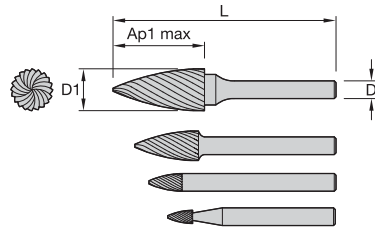
- Round nose tree shape.
- Shank styles A, B, and C — see page R5 for shank style definitions.



■ Series SF-M Round Nose Tree

USCTI Number	Single Cut		Master Cut		Aluminium Cut		D1	D	Ap1 max	length L	shank style
	order #	catalogue #	order #	catalogue #	order #	catalogue #					
SF-41M	-		3009502	M41395	-		3,0	3,0	3,4	38,1	A
SF-42M	2987354	M40396	1977374	M41396	-		3,0	3,0	12,7	38,1	A
SF-53M	-		2729701	M41397	-		4,8	3,0	12,7	38,1	B
SF-1M	2730426	M40398	2987331	M41398	3009487	M40576	6,0	6,0	15,9	50,8	C
SF-51M	2730421	M40399	1977417	M41399	-		6,4	3,0	12,7	44,5	A
SF-3M	2730416	M40400	3526093	M41400	-		9,5	6,0	19,1	63,5	C
SF-4M	-		1977555	M41401	-		11,1	6,0	25,4	69,9	C
SF-13M	-		1293748	M41402	-		12,7	6,0	19,1	63,5	C
SF-5M	2526554	M40403	1977556	M41403	1977630	M40578	12,7	6,0	25,4	69,9	C
SF-5M-2	-		3009503	M41405	-		12,7	8,0	25,4	76,2	C
SF-6M	3009463	M40406	2202572	M41406	-		15,9	6,0	25,4	69,9	C

- Pointed tree shape.
- Shank styles A, B, and C — see page R5 for shank style definitions.



Single Cut

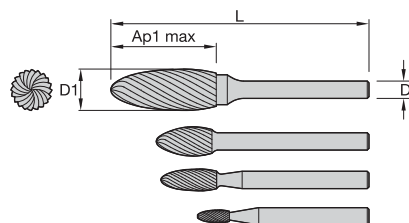


Master Cut

■ Series SG-M Pointed Tree

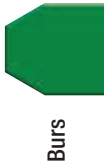
USCTI Number	Single Cut		Master Cut		D1	D	Ap1 max	length L	shank style
	order #	catalogue #	order #	catalogue #					
SG-41M-2	2991258	M40428	-	-	3,0	3,0	6,4	38,1	C
SG-41M-2	-	-	1293463	M41428	3,0	3,0	6,4	38,1	A
SG-43M	2730335	M40430	-	-	3,0	3,0	9,5	38,1	C
SG-44M	3009465	M40431	-	-	3,0	3,0	12,7	38,1	C
SG-44M	-	-	1534016	M41431	3,0	3,0	12,7	38,1	A
SG-53M	-	-	2894601	M41432	4,8	3,0	12,7	38,1	A
SG-1M	-	-	2987329	M41433	6,0	6,0	15,9	50,8	C
SG-51M	2991261	M40434	-	-	6,4	3,0	12,7	69,9	C
SG-51M	-	-	1293476	M41434	6,4	3,0	12,7	69,9	B
SG-2M	-	-	2987327	M41435	7,9	6,0	19,1	63,5	C
SG-3M	2981799	M40436	2987326	M41436	9,5	6,0	19,1	63,5	C
SG-5M	-	-	2729591	M41439	12,7	6,0	25,4	69,9	C
SG-5M-2	-	-	3324707	M41442	12,7	8,0	25,4	76,2	C

- Flame shape.
- Shank styles A and C — see page R5 for shank style definitions.

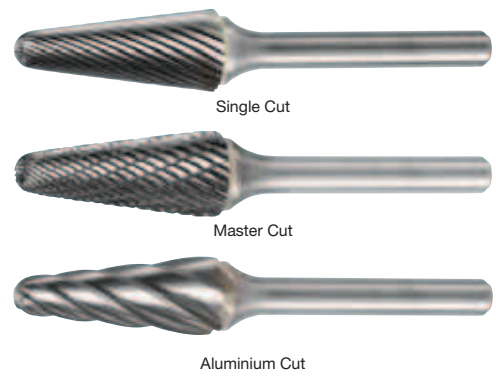
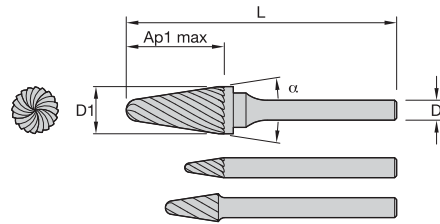


■ Series SH-M Flame

USCTI Number	Single Cut		Master Cut		D1	D	Ap1 max	length L	shank style
	order #	catalogue #	order #	catalogue #					
SH-41M	2991807	M40452	1977378	M41452	3,0	3,0	6,4	38,1	A
SH-53M	-	-	1977429	M41453	4,8	3,0	9,5	38,1	A
SH-2M	3009471	M40454	2991284	M41454	7,9	6,0	19,1	63,5	C
SH-5M	2987353	M40455	2987323	M41455	12,7	6,0	31,8	76,2	C
SH-6M	-	-	2987322	M41457	15,9	6,0	36,5	81,0	C



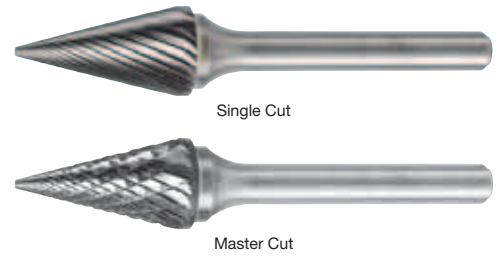
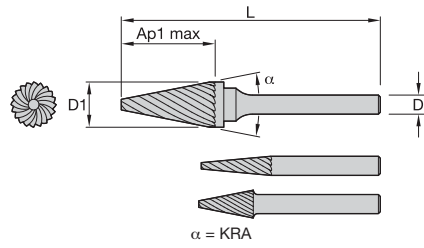
- Included angle shape.
- Shank styles A and C — see page R5 for shank style definitions.



■ Series SL-M Included Angle

USCTI Number	Single Cut		Master Cut		Aluminium Cut		D1	D	Ap1 max	length L	shank style	KRA
	order #	catalogue #	order #	catalogue #	order #	catalogue #						
SL-41M	-	-	2729483	M41473	-	-	3,0	3,0	9,5	38,1	A	8
SL-42M	2730232	M40474	1977385	M41474	-	-	3,0	3,0	12,7	38,1	A	8
SL-53M	2730227	M40475	-	-	-	-	4,8	3,0	12,7	38,1	A	14
SL-1M	-	-	2729472	M41476	-	-	6,0	6,0	15,9	50,8	C	14
SL-2M	2991809	M40477	1977572	M41477	-	-	7,9	6,0	22,2	69,9	C	14
SL-3M	3009475	M40478	1977573	M41478	2978948	M40582	9,5	6,0	27,0	74,6	C	14
SL-4M	2730217	M40479	1293770	M41479	2729982	M40584	12,7	6,0	31,8	76,2	C	14
SL-4M-2	-	-	2729457	M41480	-	-	12,7	8,0	31,8	82,6	C	14
SL-6M	-	-	-	-	2991268	M40585	15,9	6,0	33,3	81,0	C	14

- Pointed cone shape.
- Shank styles A, B, and C — see page R5 for shank style definitions.

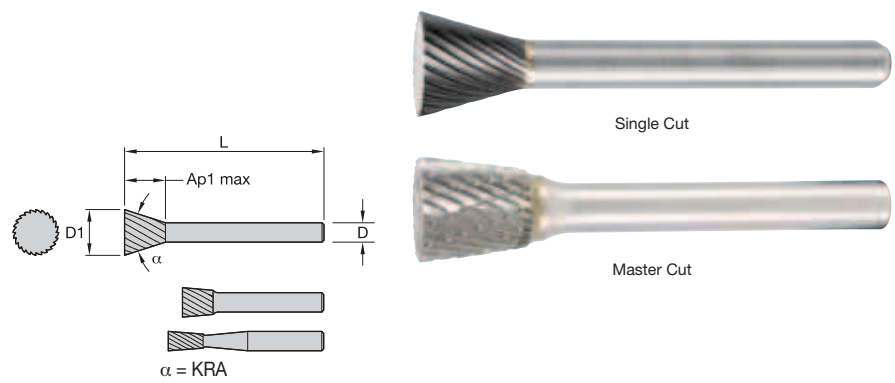


■ Series SM-M Pointed Cone

USCTI Number	Single Cut		Master Cut		D1	D	Ap1 max	length L	shank style	KRA
	order #	catalogue #	order #	catalogue #						
SM-41M	2730149	M40496	2990417	M41496	3,0	3,0	9,5	38,1	A	12
SM-42M	2987352	M40497	1977382	M41497	3,0	3,0	11,1	38,1	A	14
SM-43M	2990413	M40498	1293468	M41498	3,0	3,0	15,9	38,1	A	7
SM-2M	-	-	1977564	M41501	6,0	6,0	19,1	50,8	C	14
SM-3M	-	-	2990418	M41502	6,0	6,0	25,4	50,8	C	10
SM-51M	2730139	M40503	1977419	M41503	6,4	3,0	12,7	47,6	B	22
SM-4M	-	-	2872844	M41504	9,5	6,0	15,9	63,5	C	28
SM-5M	-	-	1977567	M41505	12,7	6,0	22,2	69,9	C	28



- Inverted taper shape.
- Shank styles A and C — see page R5 for shank style definitions.



■ Series SN-M Inverted Taper

USCTI Number	Single Cut		Master Cut		D1	D	Ap1 max	length L	shank style	KRA
	order #	catalogue #	order #	catalogue #						
SN-42M	3009478	M40516	3139827	M41516	3,0	3,0	4,8	38,1	A	10
SN-1M	-	-	2991818	M41519	6,0	6,0	7,9	50,8	C	10
SN-51M	-	-	2894600	M41518	6,4	3,0	6,4	38,1	A	10
SN-4M	3019444	M40521	-	-	12,7	6,0	12,7	57,2	C	28
SN-7M	-	-	3009511	M41525	19,1	6,0	15,9	60,3	C	30

- Fine master-cut style.
- Cylindrical shape.
- Series IGT has no end cut.
- Series IGT-EC has end cut.
- Solid carbide construction.



■ Series IGT Internal Grinding Tool

Master Cut		D1	D	Ap1 max	length L
order #	catalogue #				
2735469	M42006	1,6	3,2	3,2	38,1
2735464	M42007	2,0	3,2	4,0	38,1
2735459	M42008	2,4	3,2	4,0	38,1
2735454	M42009	2,8	3,2	4,8	38,1
2735449	M42010	3,2	3,2	4,8	38,1
2735411	M42019	3,6	4,8	5,6	50,8
2735406	M42020	4,0	4,8	5,6	50,8
2735401	M42021	4,4	4,8	6,4	50,8
2735396	M42022	4,8	4,8	6,4	50,8
2735443	M42012	5,6	6,4	7,1	50,8
2735439	M42013	6,0	6,4	7,9	50,8
2735432	M42014	6,4	6,4	7,9	50,8
2735427	M42015	7,1	6,4	8,7	63,5
2735423	M42016	7,9	6,4	8,7	63,5
2735417	M42018	9,5	6,4	9,5	63,5

Series IGT-EC Internal Grinding Tool



■ Series IGT-EC Internal Grinding Tool

Master Cut		D1	D	Ap1 max	length L
order #	catalogue #				
2735391	M42023	1,6	3,2	3,2	38,1
2735386	M42024	2,0	3,2	4,0	38,1
2735381	M42025	2,4	3,2	4,0	38,1
2735376	M42026	2,8	3,2	4,8	38,1
2735371	M42027	3,2	3,2	4,8	38,1
2735326	M42036	3,6	4,8	5,6	50,8
2735320	M42037	4,0	4,8	5,6	50,8
2735316	M42038	4,4	4,8	6,4	50,8
2735310	M42039	4,8	4,8	6,4	50,8
2735366	M42028	5,2	6,4	7,1	50,8
2735361	M42029	5,6	6,4	7,1	50,8
2735357	M42030	6,0	6,4	7,9	50,8
2735352	M42031	6,4	6,4	7,9	50,8
2735346	M42032	7,1	6,4	8,7	63,5
2735341	M42033	7,9	6,4	8,7	63,5
2735336	M42034	8,7	6,4	9,5	63,5
2735331	M42035	9,5	6,4	9,5	63,5

- Shank styles A, B, and C — see page R5 for shank style definitions.
- Assortment of bur styles for multiple applications.
- Most popular metric sizes.



■ Series Bur Sets

order number	catalogue number	D1	D	quantity	shank style	cut style	includes
2736241	M40589	3,0	3	9	A	Master	SA-42M, SA-43M, SC-41M, SC-42M, SD-42M, SE-41M, SF-42M, SG-42M, SM-43M
2987345	M40590	3,0	3	9	B	Master	SA-42M, SA-43M, SC-41M, SC-42M, SD-42M, SE-41M, SF-42M, SG-42M, SM-43M
2736231	M40592	6,0	3	9	B	Master	SA-51M, SB-51M, SC-51M, SD-51M, SE-51M, SF-51M, SG-51M, SM-51M, SN-51M
3009488	M40595	6,0	6	8	C	Master	SA-1M, SC-1M, SD-1M, SE-1M, SF-1M, SG-1M, SL-1M, SM-2M
2736217	M40596	9,5	6	8	C	Standard	SA-3M, SC-3M, SD-3M, SE-3M, SF-3M, SG-3M, SL-3M, SM-4M
2736212	M40597	9,5	6	8	C	Master	SA-3M, SC-3M, SD-3M, SE-3M, SF-3M, SG-3M, SL-3M, SM-4M
2736206	M40598	12,0	6	8	C	Master	SA-5M, SC-5M, SD-5M, SE-5M, SF-5M, SG-5M, SL-4M, SM-5M

Burs