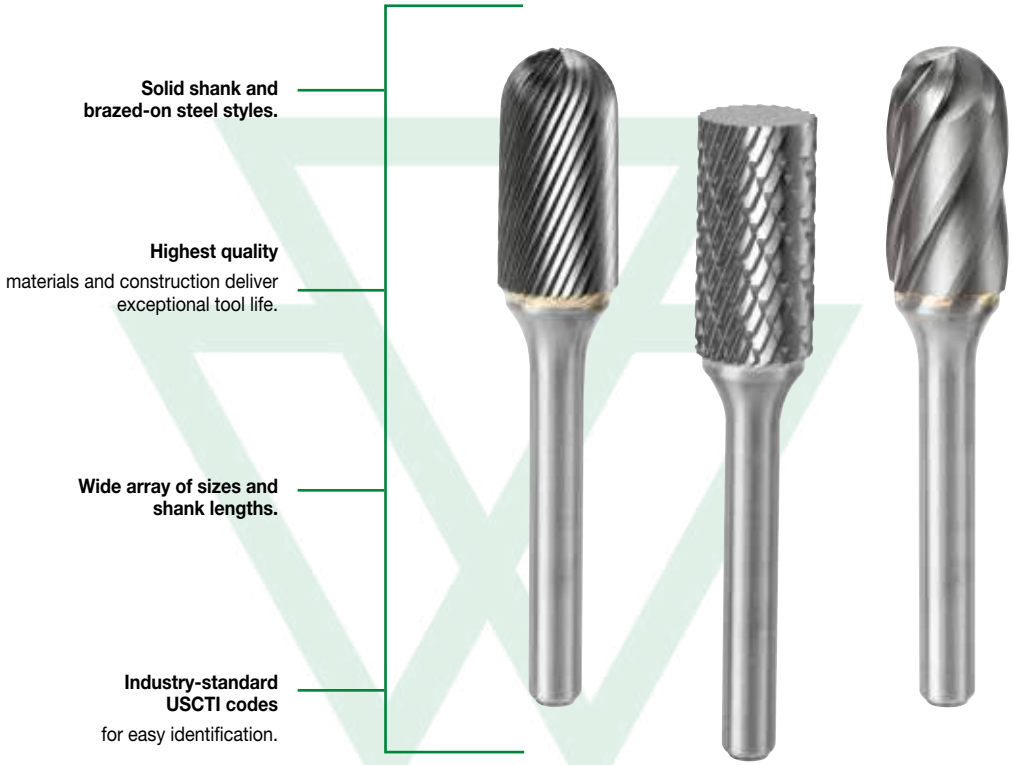
WIDIA™ carbide burs are manufactured in compliance with USCTI standards and are the highest quality in the industry, delivering excellent performance and safety. Our unique manufacturing process ensures exceptional tool life with the reliability to operate safely at high speeds. WIDIA burs offer a comprehensive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



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.



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.



Aluminum Cut

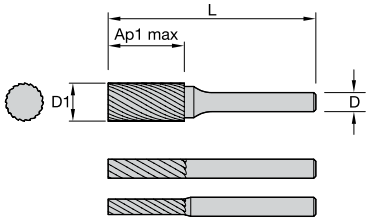
The WIDIA aluminum cut burs are outstanding on soft or non-ferrous type materials. Use the aluminum cut design on aluminum, magnesium, brass, lead, and most plastics.

COARSE-CUT AND FINE-CUT RHS AVAILABLE AS SPECIALS.

Series SA Cylindrical • Single-Cut Burs • Inch



Single Cut

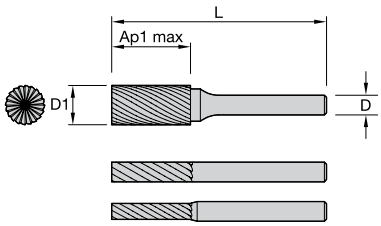


	Single Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SA-42	2736622	M40201	3/32	1/8	7/16	1 1/2	A
SA-43	2736616	M40202	1/8	1/8	9/16	1 1/2	A
SA-1	2736574	M40211	1/4	1/4	5/8	2	C
SA-3	1293725	M40214	3/8	1/4	3/4	2 1/2	C
SA-5	2736544	M40217	1/2	1/4	1	2 3/4	C
SA-6	2736534	M40219	5/8	1/4	1	2 3/4	C

Series SB Cylindrical with End Cut • Single-Cut Burs • Inch



Single Cut

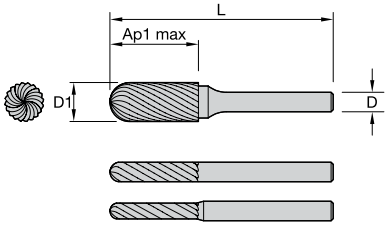


	Single Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SB-41	2736483	M40247	1/16	1/8	1/4	1 1/2	A
SB-3	2736441	M40256	3/8	1/4	3/4	2 1/2	C
SB-5	2736436	M40258	1/2	1/4	1	2 3/4	C

Series SC Cylindrical Ball Nose • Single-Cut Burs • Inch



Single Cut

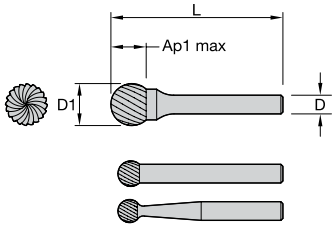


	Single Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SC-42	2736406	M40285	1/8	1/8	9/16	1 1/2	A
SC-1	2736369	M40293	1/4	1/4	5/8	2	C
SC-1L6	3043496	M40294	1/4	1/4	5/8	6 5/8	C
SC-2	2736358	M40295	5/16	1/4	3/4	2 1/2	C
SC-3	2736353	M40296	3/8	1/4	3/4	2 1/2	C
SC-5	2736339	M40299	1/2	1/4	1	2 3/4	C

Series SD Ball • Single-Cut Burs • Inch



Single Cut

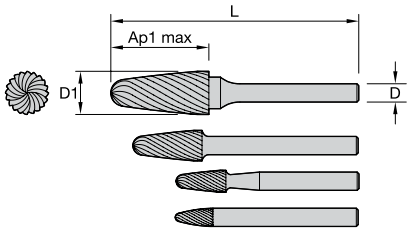


USCTI Number	Single Cut order #	Single Cut catalog #	D1	D	Ap1 max	length L	shank style
SD40	**2730676**	**M40322**	1/16	1/8	1/16	1 1/2	A
SD-41	**2730671**	**M40323**	3/32	1/8	3/32	1 1/2	A
SD-42L2	**3044078**	**M40325**	1/8	1/8	1/8	2	A
SD-11	**3043497**	**M40327**	1/8	1/4	1/8	2	C
SD-53	**2730649**	**M40328**	3/16	1/8	3/16	1 1/2	D
SD-51	**2730639**	**M40330**	1/4	1/8	1/4	1 3/4	B
SD-1	**2730634**	**M40331**	1/4	1/4	1/4	2	C
SD-1L6	**2730629**	**M40332**	1/4	1/4	1/4	6 1/4	C
SD-3	**2730619**	**M40334**	3/8	1/4	3/8	2 5/64	C
SD-3L6	**2730614**	**M40335**	3/8	1/4	3/8	6 3/8	C
SD-5	**2730603**	**M40337**	1/2	1/4	1/2	2 13/64	C
SD-5L6	**2730598**	**M40338**	1/2	1/4	1/2	6 1/2	C
SD-6	**2730593**	**M40339**	5/8	1/4	5/8	2 5/16	C
SD-7	**2730588**	**M40340**	3/4	1/4	3/4	2 7/16	C

Series SF Round Nose Tree • Single-Cut Burs • Inch



Single Cut

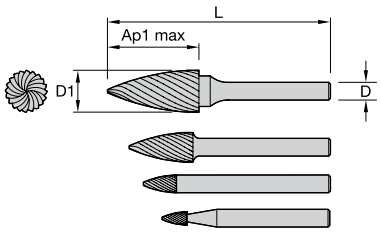


USCTI Number	Single Cut order #	Single Cut catalog #	D1	D	Ap1 max	length L	shank style
SF-41	**2730511**	**M40379**	1/8	1/8	1/4	1 1/2	A
SF-42	**2730506**	**M40380**	1/8	1/8	1/2	1 1/2	A
SF-51	**2730495**	**M40382**	1/4	1/8	1/2	1 3/4	B
SF-3	**2730481**	**M40385**	3/8	1/4	3/4	2 1/2	C

Series SG Pointed Tree • Single-Cut Burs • Inch



Single Cut

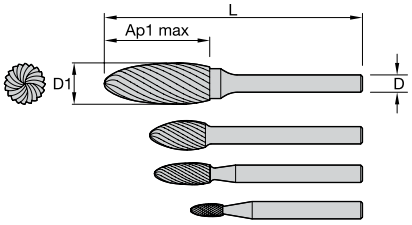


USCTI Number	Single Cut order #	Single Cut catalog #	D1	D	Ap1 max	length L	shank style
SG-43	**3054754**	**M40416**	1/8	1/8	3/8	1 1/2	A
SG-44	**2730385**	**M40417**	1/8	1/8	1/2	1 1/2	A
SG-53	**2730380**	**M40418**	3/16	1/8	1/2	1 1/2	D
SG-1	**2730371**	**M40420**	1/4	1/4	5/8	2	C

Series SH Flame • Single-Cut Burs • Inch



Single Cut

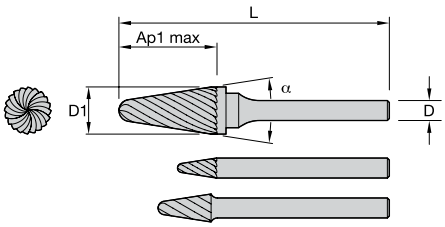


USCTI Number	Single Cut order #	Single Cut catalog #	D1	D	Ap1 max	length L	shank style
SH-41	**2730325**	**M40446**	1/8	1/8	1/4	1 1/2	A
SH-53	**2730320**	**M40447**	3/16	1/8	3/8	1 1/2	D
SH-2	**2730315**	**M40448**	5/16	1/4	3/4	2 1/2	C
SH-5	**2730310**	**M40449**	1/2	1/4	1 1/4	3	C
SH-6	**2730305**	**M40450**	5/8	1/4	1 7/16	3 3/16	C

Series SL Included Angle • Single-Cut Burs • Inch



Single Cut



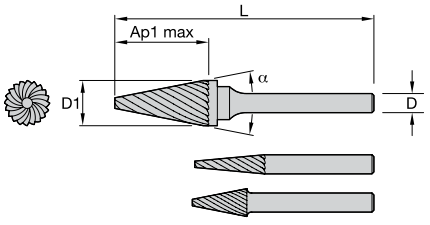
α = KRA

USCTI Number	Single Cut order #	Single Cut catalog #	D1	D	Ap1 max	length L	shank style	KRA
SL-42	**2730290**	**M40462**	1/8	1/8	1/2	1 1/2	A	8
SL-53	**2730285**	**M40463**	3/16	1/8	1/2	1 1/2	D	14

Series SM Pointed Cone • Single-Cut Burs • Inch



Single Cut



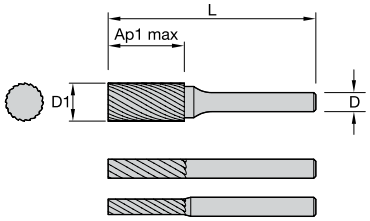
α = KRA

USCTI Number	Single Cut order #	Single Cut catalog #	D1	D	Ap1 max	length L	shank style	KRA
SM-42	**2730202**	**M40486**	1/8	1/8	7/16	1 1/2	A	14
SM-43	**2730196**	**M40487**	1/8	1/8	5/8	1 1/2	A	7
SM-2	**2730174**	**M40491**	1/4	1/4	3/4	2	C	14
SM-5	**2730159**	**M40494**	1/2	1/4	7/8	2 3/4	C	28

Series SA Cylindrical • Master-Cut Burs • Inch



Master Cut

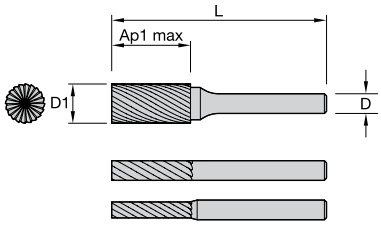


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SA-41	**2735826**	**M41200**	1/16	1/8	1/4	1 1/2	A
SA-42	**2735821**	**M41201**	3/32	1/8	7/16	1 1/2	A
SA-43	**2735816**	**M41202**	1/8	1/8	9/16	1 1/2	A
SA-43L2	**2735811**	**M41203**	1/8	1/8	9/16	2	A
SA-43L3	**2735806**	**M41204**	1/8	1/8	9/16	3	A
SA-11	**2735801**	**M41205**	1/8	1/4	1/2	2	C
SA-14	**2735787**	**M41208**	3/16	1/4	5/8	2	C
SA-51	**2735782**	**M41209**	1/4	1/8	3/16	1 7/16	B
SA-51-2	**2735777**	**M41210**	1/4	1/8	1/2	1 3/4	B
SA-1	**2735772**	**M41211**	1/4	1/4	5/8	2	C
SA-2	**2735763**	**M41213**	5/16	1/4	3/4	2 1/2	C
SA-3	**3063092**	**M41214**	3/8	1/4	3/4	2 1/2	C
SA-5	**2735742**	**M41217**	1/2	1/4	1	2 3/4	C
SA-6	**2735732**	**M41219**	5/8	1/4	1	2 3/4	C
SA-7	**2735727**	**M41220**	3/4	1/4	1	2 3/4	C
SA-9	**2735722**	**M41221**	1	1/4	1	2 3/4	C

Series SB Cylindrical with End Cut • Master-Cut Burs • Inch



Master Cut

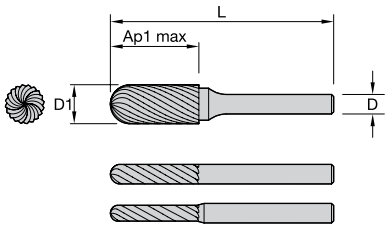


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SB-51	**2735666**	**M41252**	1/4	1/8	3/16	1 7/16	B
SB-51-2	**2735662**	**M41253**	1/4	1/8	1/2	1 3/4	B
SB-1	**2735657**	**M41254**	1/4	1/4	5/8	2	C
SB-2	**3055771**	**M41255**	5/16	1/4	3/4	2 1/2	C
SB-3	**2735646**	**M41256**	3/8	1/4	3/4	2 1/2	C
SB-5	**2735636**	**M41258**	1/2	1/4	1	2 3/4	C
SB-6	**2735631**	**M41259**	5/8	1/4	1	2 3/4	C
SB-7	**2735626**	**M41260**	3/4	1/4	1	2 3/4	C

Series SC Cylindrical Ball Nose • Master-Cut Burs • Inch



Master Cut

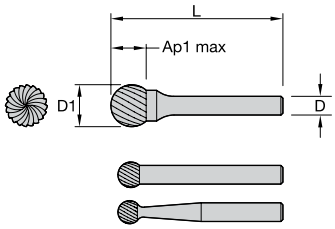


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SC-41	**2735611**	**M41284**	3/32	1/8	7/16	1 1/2	A
SC-42	**2735606**	**M41285**	1/8	1/8	9/16	1 1/2	A
SC-42L3	**2735596**	**M41287**	1/8	1/8	9/16	3	A
SC-11	**2735591**	**M41288**	1/8	1/4	1/2	2	A
SC-53	**2735581**	**M41290**	3/16	1/8	1/2	1 1/2	D
SC-51	**2735571**	**M41292**	1/4	1/8	1/2	1 3/4	B
SC-1	**2735566**	**M41293**	1/4	1/4	5/8	2	C
SC-1L6	**2735561**	**M41294**	1/4	1/4	5/8	6 5/8	C
SC-2	**2735556**	**M41295**	5/16	1/4	3/4	2 1/2	C
SC-3	**2735551**	**M41296**	3/8	1/4	3/4	2 1/2	C
SC-3L6	**2735546**	**M41297**	3/8	1/4	3/4	6 3/4	C
SC-4	**3050641**	**M41298**	7/16	1/4	1	2 3/4	C
SC-5	**2735531**	**M41299**	1/2	1/4	1	2 3/4	C
SC-5L6	**2735526**	**M41300**	1/2	1/4	1	7	C
SC-6	**2735521**	**M41301**	5/8	1/4	1	2 3/4	C
SC-7	**2735516**	**M41302**	3/4	1/4	1	2 3/4	C

Series SD Ball • Master-Cut Burs • Inch



Master Cut

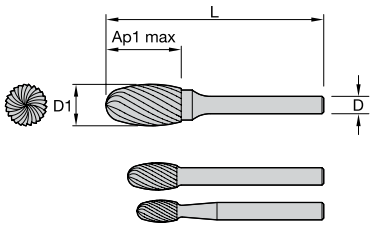


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SD-41	**2729967**	**M41323**	3/32	1/8	3/32	1 1/2	A
SD-42	**2729963**	**M41324**	1/8	1/8	1/8	1 1/2	A
SD-42L3	**2729951**	**M41326**	1/8	1/8	1/8	3	A
SD-11	**2729946**	**M41327**	1/8	1/4	1/8	2	C
SD-53	**2729942**	**M41328**	3/16	1/8	3/16	1 1/2	D
SD-14	**2729936**	**M41329**	3/16	1/4	3/16	2	C
SD-51	**2729930**	**M41330**	1/4	1/8	1/4	1 3/4	B
SD-1	**2729926**	**M41331**	1/4	1/4	1/4	2	C
SD-1L6	**2729920**	**M41332**	1/4	1/4	1/4	6 1/4	C
SD-2	**2729914**	**M41333**	5/16	1/4	5/16	2 1/32	C
SD-3	**2729910**	**M41334**	3/8	1/4	3/8	2 5/64	C
SD-3L6	**2729906**	**M41335**	3/8	1/4	3/8	6 3/8	C
SD-4	**2729901**	**M41336**	7/16	1/4	7/16	2 9/64	C
SD-5	**2729895**	**M41337**	1/2	1/4	1/2	2 13/64	C
SD-5L6	**3046344**	**M41338**	1/2	1/4	1/2	6 1/2	C
SD-7	**2729880**	**M41340**	3/4	1/4	3/4	2 7/16	C
SD-9	**2729873**	**M41341**	1	1/4	1	2 11/16	C

Series SE Egg • Master-Cut Burs • Inch



Master Cut

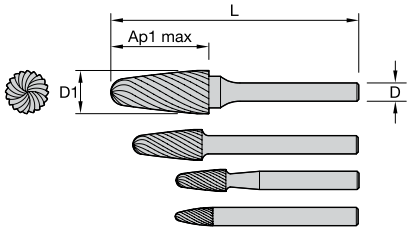


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SE-41	**2729835**	**M41360**	1/8	1/8	7/32	1 1/2	A
SE-53	**2729830**	**M41361**	3/16	1/8	9/32	1 1/2	D
SE-51	**2729825**	**M41362**	1/4	1/8	3/8	1 5/8	B
SE-1	**2729820**	**M41363**	1/4	1/4	3/8	2	C
SE-3	**2729814**	**M41364**	3/8	1/4	5/8	2 3/8	C
SE-5	**2729808**	**M41365**	1/2	1/4	7/8	2 5/8	C
SE-6	**2729803**	**M41366**	5/8	1/4	1	2 3/4	C

Series SF Round Nose Tree • Master-Cut Burs • Inch



Master Cut

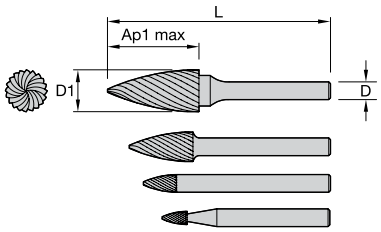


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SF-41	**2729782**	**M41379**	1/8	1/8	1/4	1 1/2	A
SF-42	**2729778**	**M41380**	1/8	1/8	1/2	1 1/2	A
SF-51	**2729768**	**M41382**	1/4	1/8	1/2	1 3/4	B
SF-1	**1750297**	**M41383**	1/4	1/4	5/8	2	C
SF-3	**2729751**	**M41385**	3/8	1/4	3/4	2 1/2	C
SF-3L6	**2729746**	**M41386**	3/8	1/4	3/4	6 3/4	C
SF-13	**2729736**	**M41388**	1/2	1/4	3/4	2 1/2	C
SF-5	**2729731**	**M41389**	1/2	1/4	1	2 3/4	C
SF-5L6	**2729726**	**M41390**	1/2	1/4	1	7	C
SF-6	**2729721**	**M41391**	5/8	1/4	1	2 3/4	C
SF-7	**2729716**	**M41392**	3/4	1/4	1	2 3/4	C
SF-15	**2729711**	**M41393**	3/4	1/4	1 1/2	3 1/4	C
SF-14	**2729706**	**M41394**	3/4	1/4	1 1/4	3	C

Series SG Pointed Tree • Master-Cut Burs • Inch



Master Cut

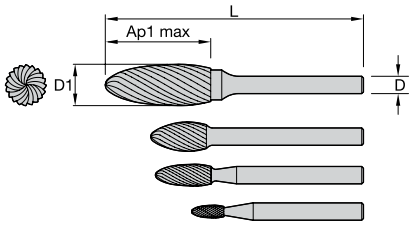


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SG-41	**2729675**	**M41414**	1/8	1/8	1/4	1 1/2	A
SG-42	**2729669**	**M41415**	1/8	1/8	5/16	1 1/2	A
SG-44	**2729660**	**M41417**	1/8	1/8	1/2	1 1/2	A
SG-51	**2729651**	**M41419**	1/4	1/8	1/2	1 3/4	B
SG-1	**2729646**	**M41420**	1/4	1/4	5/8	2	C
SG-3	**2729636**	**M41422**	3/8	1/4	3/4	2 1/2	C
SG-5	**2729626**	**M41424**	1/2	1/4	1	2 3/4	C

Series SH Flame • Master-Cut Burs • Inch



Master Cut

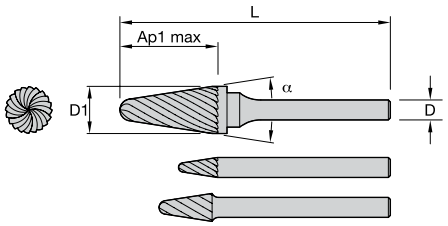


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SH-41	**2729586**	**M41446**	1/8	1/8	1/4	1 1/2	A
SH-2	**2729575**	**M41448**	5/16	1/4	3/4	2 1/2	C
SH-5	**2729570**	**M41449**	1/2	1/4	1 1/4	3	C
SH-7	**2729559**	**M41451**	3/4	1/4	1 5/8	3 3/8	C

Series SL Included Angle • Master-Cut Burs • Inch



Master Cut



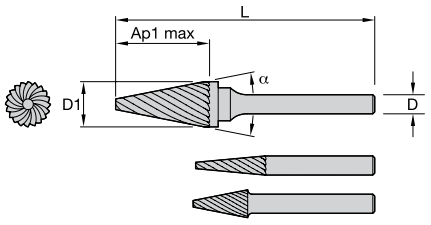
α = KRA

USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style	KRA
SL-41	**3046345**	**M41461**	1/8	1/8	3/8	1 1/2	A	8
SL-42	**2729539**	**M41462**	1/8	1/8	1/2	1 1/2	A	8
SL-1	**2729529**	**M41464**	1/4	1/4	5/8	2	C	14
SL-1L6	**2729523**	**M41465**	1/4	1/4	5/8	6 5/8	C	14
SL-2	**1752788**	**M41466**	5/16	1/4	7/8	2 3/4	C	14
SL-3	**2729513**	**M41467**	3/8	1/4	1 1/16	2 15/16	C	14
SL-4	**2729503**	**M41469**	1/2	1/4	1 1/8	3	C	14
SL-6	**2729493**	**M41471**	5/8	1/4	1 5/16	3 3/16	C	14

Series SM Pointed Cone • Master-Cut Burs • Inch



Master Cut



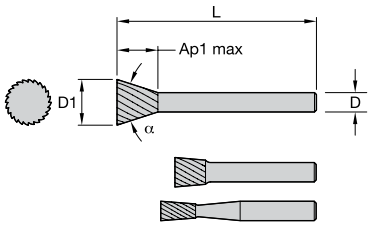
α = KRA

USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style	KRA
SM-41	**2729447**	**M41485**	1/8	1/8	3/8	1 1/2	A	12
SM-42	**2729443**	**M41486**	1/8	1/8	7/16	1 1/2	A	14
SM-43	**2729438**	**M41487**	1/8	1/8	5/8	1 1/2	A	7
SM-53	**2729433**	**M41488**	3/16	1/8	1/2	1 1/2	D	16
SM-51	**3050060**	**M41489**	1/4	1/8	1/2	1 7/8	B	22
SM-1	**2729423**	**M41490**	1/4	1/4	1/2	2	C	22
SM-2	**2729418**	**M41491**	1/4	1/4	3/4	2	C	14
SM-3	**2729413**	**M41492**	1/4	1/4	1	2	C	10
SM-4	**2729407**	**M41493**	3/8	1/4	5/8	2 1/2	C	28
SM-5	**2729402**	**M41494**	1/2	1/4	7/8	2 3/4	C	28
SM-6	**2729397**	**M41495**	5/8	1/4	1	2 7/8	C	31

Series SN Inverted Taper • Master-Cut Burs • Inch



Master Cut



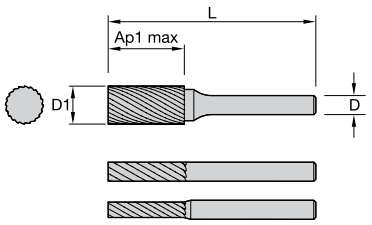
α = KRA

	Master Cut							
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style	KRA
SN-51	**3051758**	**M41512**	1/4	1/8	1/4	1 1/2	B	10
SN-3	**2729351**	**M41514**	1/2	1/4	1/2	2 1/4	C	16

Series SA-M Cylindrical • Master-Cut Burs • Metric



Master Cut

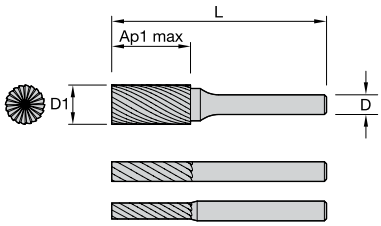


	Master Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SA-41M	**1598896**	**M41222**	1,6	3,0	4,8	38,1	A
SA-42M	**1293458**	**M41223**	2,4	3,0	11,1	38,1	A
SA-43M	**2270852**	**M41224**	3,0	3,0	14,3	38,1	A
SA-1M	**1977519**	**M41229**	6,0	6,0	15,9	50,8	C
SA-51M-2	**1977415**	**M41231**	6,4	3,0	12,7	44,5	B
SA-2M	**2735696**	**M41232**	7,9	6,0	19,1	63,5	C
SA-3M	**1293733**	**M41233**	9,5	6,0	19,1	63,5	C
SA-5M	**2219983**	**M41237**	12,7	6,0	25,4	69,9	C

Series SB-M Cylindrical with End Cut • Master-Cut Burs • Metric



Master Cut

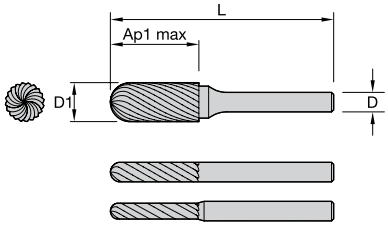


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SB-42M	**2991812**	**M41262**	2,4	3,0	11,1	38,1	A
SB-43M	**2220466**	**M41263**	3,0	3,0	14,3	38,1	A
SB-1M	**2987342**	**M41268**	6,0	6,0	15,9	50,8	C
SB-51M-2	**2987340**	**M41270**	6,4	3,0	6,4	44,5	B
SB-2M	**2987339**	**M41271**	7,9	6,0	19,1	63,5	C
SB-3M	**2987338**	**M41272**	9,5	6,0	19,1	63,5	C
SB-5M	**2987337**	**M41274**	12,7	6,0	25,4	69,9	C

Series SC-M Cylindrical Ball Nose • Master-Cut Burs • Metric



Master Cut

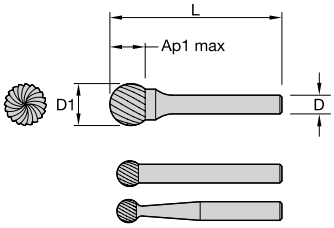


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SC-41M	**2990415**	**M41303**	2,4	3,0	11,1	38,1	A
SC-42M	**1977373**	**M41304**	3,0	3,0	14,3	38,1	A
SC-52M	**2735503**	**M41306**	4,0	3,0	12,7	38,1	D
SC-53M	**2894604**	**M41307**	4,8	3,0	12,7	38,1	D
SC-14M	**2991273**	**M41308**	4,8	6,0	15,9	50,8	C
SC-1M	**1977546**	**M41309**	6,0	6,0	15,9	50,8	C
SC-51M	**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**	9,5	6,0	19,1	63,5	C
SC-4M	**2987336**	**M41314**	11,1	6,0	25,4	69,9	C
SC-5M	**1977549**	**M41316**	12,7	6,0	25,4	69,9	C
SC-6M	**2991274**	**M41318**	15,9	6,0	25,4	69,9	C

Series SD-M Ball • Master-Cut Burs • Metric



Master Cut

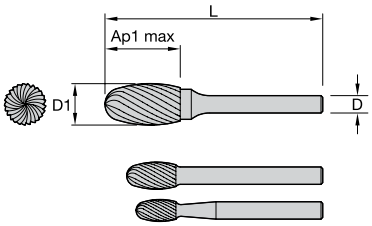


	Master Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SD-41M	**2729868**	**M41343**	2,4	3,0	2,4	38,1	A
SD-42M	**2729863**	**M41344**	3,0	3,0	3,0	38,1	A
SD-53M	**2973335**	**M41345**	4,8	3,0	4,8	38,1	D
SD-14M	**2987335**	**M41346**	4,8	6,0	4,8	50,8	C
SD-1M	**2729860**	**M41347**	6,0	6,0	6,0	50,8	C
SD-51M	**2729855**	**M41348**	6,4	3,0	6,4	38,1	B
SD-2M	**2987334**	**M41349**	7,9	6,0	7,9	51,6	C
SD-3M	**2991276**	**M41350**	9,5	6,0	9,5	52,8	C
SD-5M	**2729850**	**M41352**	12,7	6,0	12,7	56,0	C

Series SE-M Egg • Master-Cut Burs • Metric



Master Cut

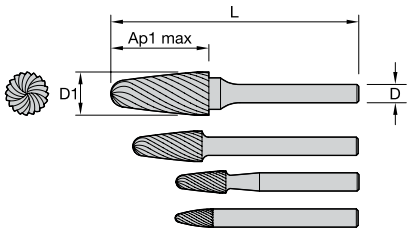


	Master Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SE-3M	**2991277**	**M41371**	9,5	6,0	15,9	60,3	C
SE-5M	**1977570**	**M41373**	12,7	6,0	22,2	66,7	C
SE-5M-2	**3324697**	**M41374**	12,7	8,0	22,2	73,0	C
SE-7M	**2991816**	**M41377**	19,1	6,0	25,4	69,9	C

Series SF-M Round Nose Tree • Master-Cut Burs • Metric



Master Cut

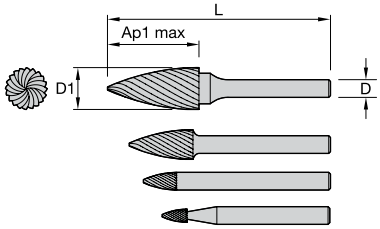


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SF-42M	**1977374**	**M41396**	3,0	3,0	12,7	38,1	A
SF-53M	**2729701**	**M41397**	4,8	3,0	12,7	38,1	D
SF-51M	**1977417**	**M41399**	6,4	3,0	12,7	44,5	B
SF-3M	**3526093**	**M41400**	9,5	6,0	19,1	63,5	C
SF-4M	**1977555**	**M41401**	11,1	6,0	25,4	69,9	C
SF-5M	**1977556**	**M41403**	12,7	6,0	25,4	69,9	C

Series SG-M Pointed Tree • Master-Cut Burs • Metric



Master Cut

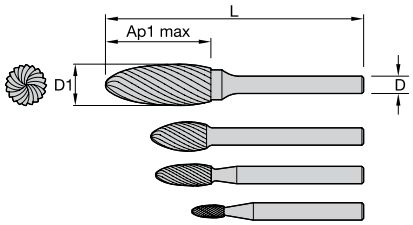


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SG-41M-2	**1293463**	**M41428**	3,0	3,0	6,4	38,1	A
SG-44M	**1534016**	**M41431**	3,0	3,0	12,7	38,1	A
SG-53M	**2894601**	**M41432**	4,8	3,0	12,7	38,1	D
SG-1M	**2987329**	**M41433**	6,0	6,0	15,9	50,8	C
SG-51M	**1293476**	**M41434**	6,4	3,0	12,7	44,5	B
SG-2M	**2987327**	**M41435**	7,9	6,0	19,1	63,5	C
SG-3M	**2987326**	**M41436**	9,5	6,0	19,1	63,5	C
SG-5M	**2729591**	**M41439**	12,7	6,0	25,4	69,9	C

Series SH-M Flame • Master-Cut Burs • Metric



Master Cut

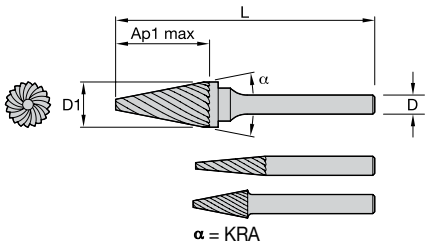


USCTI Number	Master Cut order #	Master Cut catalog #	D1	D	Ap1 max	length L	shank style
SH-53M	**1977429**	**M41453**	4,8	3,0	9,5	38,1	D
SH-2M	**2991284**	**M41454**	7,9	6,0	19,1	63,5	C
SH-5M	**2987323**	**M41455**	12,7	6,0	31,8	76,2	C
SH-6M	**2987322**	**M41457**	15,9	6,0	36,5	81,0	C

Series SM-M Pointed Cone • Master-Cut Burs • Metric



Master Cut

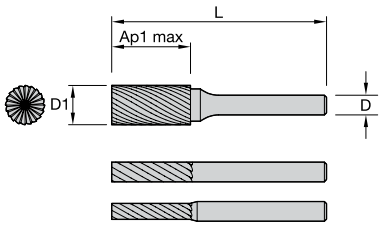


	Master Cut							
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style	KRA
SM-42M	**1977382**	**M41497**	3,0	3,0	11,1	38,1	A	14
SM-43M	**1293468**	**M41498**	3,0	3,0	15,9	38,1	A	7
SM-2M	**1977564**	**M41501**	6,0	6,0	19,1	50,8	C	14
SM-5M	**1977567**	**M41505**	12,7	6,0	22,2	69,9	C	28

Series SB Cylindrical with End Cut • Aluminum-Cut Burs • Inch



Aluminum Cut

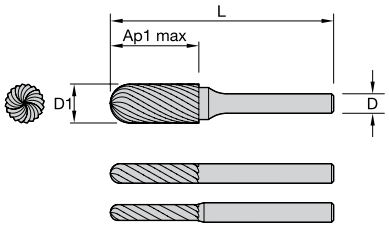


	Aluminum Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SB-1	**2736311**	**M40527**	1/4	1/4	5/8	2	C
SB-3	**2736307**	**M40528**	3/8	1/4	3/4	2 1/2	C
SB-5	**2736300**	**M40529**	1/2	1/4	1	2 3/4	C

Series SC Cylindrical Ball Nose • Aluminum-Cut Burs • Inch



Aluminum Cut

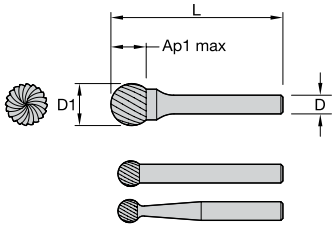


	Aluminum Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SC-5	**2736276**	**M40534**	1/2	1/4	1	2 3/4	C

Series SD Ball • Aluminum-Cut Burs • Inch



Aluminum Cut

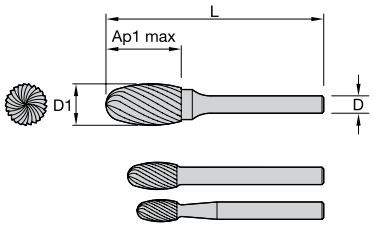


	Aluminum Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SD-3	**2730072**	**M40538**	3/8	1/4	3/8	2 5/64	C
SD-5	**2730067**	**M40539**	1/2	1/4	1/2	2 13/64	C

Series SE Egg • Aluminum-Cut Burs • Inch



Aluminum Cut

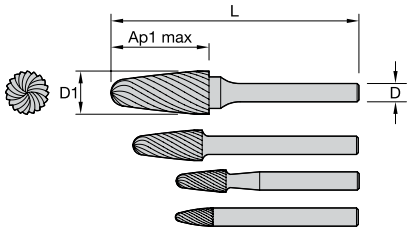


	Aluminum Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SE-5	**2730053**	**M40542**	1/2	1/4	7/8	2 5/8	C

Series SF Round Nose Tree • Aluminum-Cut Burs • Inch



Aluminum Cut

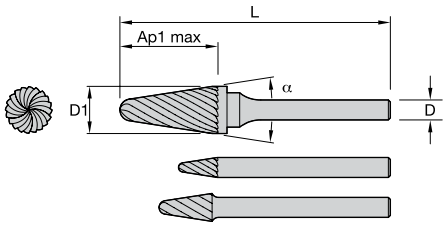


	Aluminum Cut						
USCTI Number	order #	catalog #	D1	D	Ap1 max	length L	shank style
SF-3	**2730037**	**M40545**	3/8	1/4	3/4	2 1/2	C
SF-5	**2730032**	**M40546**	1/2	1/4	1	2 3/4	C
SF-6	**2730027**	**M40547**	5/8	1/4	1	2 3/4	C

Series SL Included Angle • Aluminum-Cut Burs • Inch



Aluminum Cut



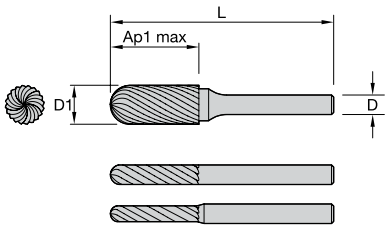
α = KRA

USCTI Number	Aluminum Cut order #	Aluminum Cut catalog #	D1	D	Ap1 max	length L	shank style	KRA
SL-3	**2730022**	**M40548**	3/8	1/4	1 1/16	2 15/16	C	14
SL-4	**2730017**	**M40549**	1/2	1/4	1 1/8	3	C	14

Series SC-M Cylindrical Ball Nose • Aluminum-Cut Burs • Metric



Aluminum Cut

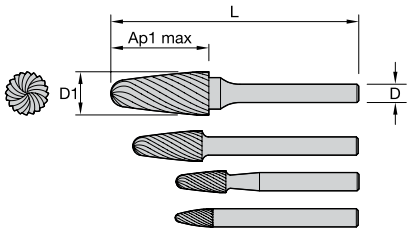


USCTI Number	Aluminum Cut order #	Aluminum Cut catalog #	D1	D	Ap1 max	length L	shank style
SC-5M	**2987349**	**M40561**	12,7	6,0	25,4	69,9	C

Series SF-M Round Nose Tree • Aluminum-Cut Burs • Metric



Aluminum Cut

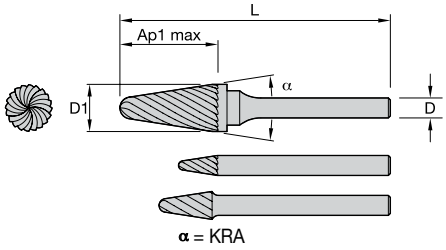


USCTI Number	Aluminum Cut order #	Aluminum Cut catalog #	D1	D	Ap1 max	length L	shank style
SF-5M	**1977630**	**M40578**	12,7	6,0	25,4	69,9	C

Series SL-M Included Angle • Master-Cut Burs • Metric



Master Cut



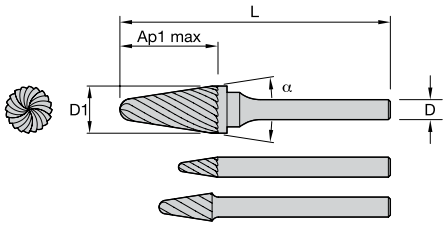
α = KRA

	Master Cut					length		
USCTI Number	order #	catalog #	D1	D	Ap1 max	L	shank style	KRA
SL-42M	**1977385**	**M41474**	3,0	3,0	12,7	38,1	A	8
SL-3M	**1977573**	**M41478**	9,5	6,0	27,0	74,6	C	14
SL-4M	**1293770**	**M41479**	12,7	6,0	31,8	76,2	C	14

Series SL-M Included Angle • Aluminum-Cut Burs • Metric



Aluminum Cut



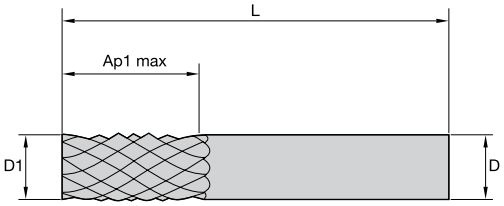
α = KRA

	Aluminum Cut					length		
USCTI Number	order #	catalog #	D1	D	Ap1 max	L	shank style	KRA
SL-3M	**2978948**	**M40582**	9,5	6,0	27,0	74,6	C	14
SL-4M	**2729982**	**M40584**	12,7	6,0	31,8	76,2	C	14

Series IGT Internal Grinding Tool • Burs • Metric



Master Cut



Master Cut					length
order #	catalog #	D1	D	Ap1 max	L
2735459	**M42008**	2,4	3,2	4,0	38,1
2735454	**M42009**	2,8	3,2	4,8	38,1
2735396	**M42022**	4,8	4,8	6,4	50,8
2735432	**M42014**	6,4	6,4	7,9	50,8