



The Cutting Edge **Mastered**



Our **Metric** Best Selling Products

In-Stock and Ready to Ship



Our Facility



Inside our 70,000 square foot facility we utilize the most technologically advanced machinery from leading manufacturers. We also have several custom built machines and robots.

Our plant floor plan is designed with high output production at the forefront.



Our Story



1985-1988



1988-1996



1996-1999



Main Building
1999 to Present



990 Building
2015 to Present



1000 Marketing Center
2015 to Present

In October 1985, a small one-man tool-grinding operation became incorporated in Florida as Mastercut Tool Corp. At that time, the business resided in a 600 square foot garage.

By 1988, five employees crammed into the garage, and by the end of that year, growth necessitated a move to an 1100 square foot rental unit. Mastercut soon occupied three side-by-side rental units at this address, and in 1993 it purchased the rental property, which had a front and back building. Mastercut rented the front to a catering service and occupied the back until 1996, when it also took over the front building and moved offices, inventory, and packaging there.

To keep up with demand, the company made most of its own grinding machines until 1994. Between 1994 and 1997 it invested heavily in plant and equipment modernization. By 1998, facilities were again filled to capacity. A 37,000 sq. ft. building was purchased in December of 1998 at 965 Harbor Lake Drive, and the company occupied the building in March of 1999.

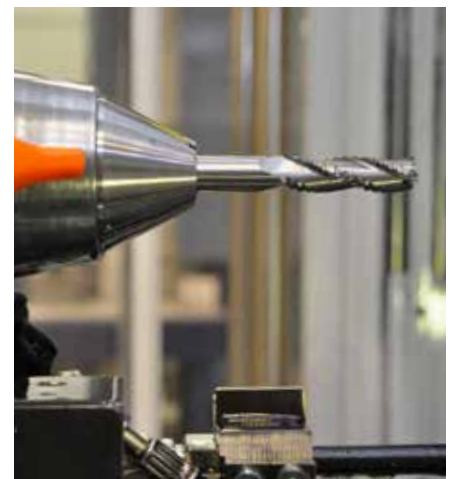
By 2006 we had incorporated in-house tool coating and acquired new state of the art CNC Machines

By 2015 we had filled our main facility to capacity. We then purchased the facility directly across the street from 965. Our new 990 building adds another 30,000 square feet of production space, as well as several offices and conference rooms.

Mastercut Tool Corp's successful history comes from a commitment by all of its associates to satisfy customer needs with a willingness to change and adapt. Company representatives believe that success and growth will continue as long as the company is unrelenting in its pursuit of quality and total customer satisfaction.



1985 - All tools manually ground on hand-grinder



Today - Automated production with MAP® standards

ISO 9001:2015

In 2003, Mastercut Tool Corp. successfully achieved registration under ISO 9001:2000 and has maintained our quality systems to our current ISO 9001:2015 certification and Lean Six Sigma practices. We maintain these strict standards to further guarantee that every tool you buy from Mastercut Tool Corp. is of the highest quality.



The “MAP” to Your Success!

Our continuous improvement has led us to a process that gives you unmatched, consistent quality. That process is our unique MAP Technology! Mastercut Automated Production is our exclusive method of standardization and quality repeatability. The MAP combines technology, skill, and rigid processes to provide you with the most precise products that money can buy, batch to batch and year to year.



Our MAP...your map to success!

CNC 1st Team



Customers' Needs Come First! This is what truly matters to us. To ensure you the fastest possible service, we have assembled simulation, engineering, production scheduling, customer service, and inventory personnel into one unit. They collaborate on any and all special requests from you, the moment your request is received. They are dedicated and qualified to assist you with solutions, fast!

Mastercut's Superior Carbide Blend – A-Gr-SiV (Active Grain Sized-Volume)

Our superior tungsten carbide gives you the ability to be aggressive when you need to be. Growth inhibitors in our submicron carbide blanks maintain the most consistent grain size available, giving you superior hardness and toughness.

Core Values



CNC 1st:
Customers' Needs Come First

MISSION:
Best Quality & Leader in Innovation

VISION:
Leader In Its Field, Well Respected and Preferred

PURPOSE:
Manufacture and Distribute the Highest Quality Carbide Tools Available



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Cermet	H	K	S	N	M	P
Cermet	Hardened	Cast Iron	Titanium	Non-Ferrous	Stainless	Steel

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	V4 Ball Endmills . . . V4%	9	Cermet	H	K	S	N	M	P
	V4 Corner Radius Endmills . . . V4%	10	Cermet	H	K	S	N	M	P
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	V5 Ball Endmills . . . VE%	11	Cermet	H	K	S	N	M	P
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PRO+ PERFORMANCE ENDMILLS (Page 16)

Cermet	H	K	S	N	M	P
Cermet	Hardened	Cast Iron	Titanium	Non-Ferrous	Stainless	Steel

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	V4 Pro+ Ball Endmills . . . V4%	16	Cermet	H	K	S	N	M	P
	V4 Pro+ Corner Radius Endmills . . . V4%	17	Cermet	H	K	S	N	M	P
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	V5 Pro+ Ball Endmills . . . VE%	18	Cermet	H	K	S	N	M	P
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	SK Burs - 90° Included Cone Shape	42	Cermet	Hardened	Cast Iron	Titanium	Non-Ferrous	Stainless	Steel
	SL Burs - Radius Cone Shape	43	Cermet	Hardened	Cast Iron	Titanium	Non-Ferrous	Stainless	Steel
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V4 SQUARE ENDMILLS



4 Flutes • Coated



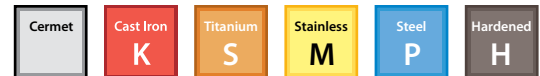
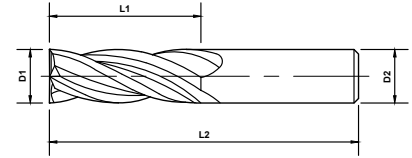
- High Performance A-Gr-SiV submicron grain carbide
- Unique variable helix design for faster speeds and feeds
- Quiet operation and better finish
- MAP certified quality



Stub, Series 502, PowerA

Standard, Series 500, PowerA

Long, Series 501, PowerA

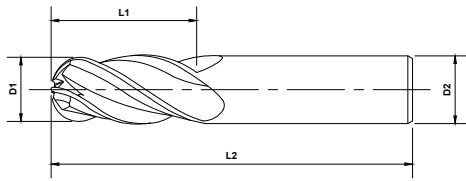


OD	LOC	SHK	OAL	4 Flute
D1	L1	D2	L2	PowerA
3	12	3	38	500-002-1
4	14	4	50	500-008-1
5	16	5	50	500-014-1
6	19	6	63	500-018-1
8	19	8	63	500-020-1
10	22	10	70	500-022-1
10	38	10	100	501-012-1
12	25	12	75	500-024-1
12	50	12	100	501-014-1

V4 BALL ENDMILLS



4 Flutes • Coated



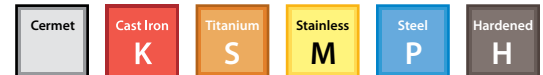
- High Performance A-Gr-SiV submicron grain carbide
- Unique variable helix design for faster speeds and feeds
- Quiet operation and better finish
- MAP certified quality



Stub, Series 502, PowerA

Standard, Series 500, PowerA

Long, Series 501, PowerA



OD	LOC	SHK	OAL	4 Flute
D1	L1	D2	L2	PowerA
3	12	3	38	500-202-1
4	14	4	50	500-208-1
5	16	5	50	500-214-1
6	19	6	63	500-218-1
6	25	6	75	501-208-1
8	19	8	63	500-220-1
8	25	8	75	501-210-1
10	22	10	70	500-222-1
12	25	12	75	500-224-1
12	50	12	100	501-214-1

Many Additional
Sizes Available

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V4 CORNER RADIUS ENDMILLS



4 Flutes • Coated • With and without Flat



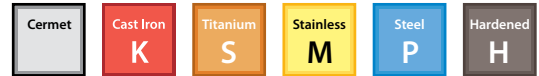
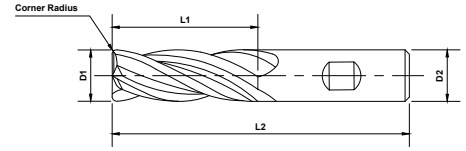
- High Performance A-Gr-SiV submicron grain carbide
- Unique variable helix design for faster speeds and feeds
- Quiet operation and better finish
- MAP certified quality



Stub, Series 502, PowerA

Standard, Series 500, PowerA

Long, Series 501, PowerA



OD	LOC	SHK	OAL	Corner Radius	4 Flute	4 Flute
D1	L1	D2	L2	R	PowerA	PowerA With Flat
4	11	6	57	0.50	500-431-1	-
4	11	6	57	1.00	500-433-1	-
6	13	6	57	0.25	502-440-1	-
6	13	6	57	1.50	502-445-1	-
6	19	6	63	0.50	500-461-1	-
8	19	8	63	0.50	500-471-1	-
8	19	8	63	1.00	500-473-1	-
8	19	8	63	1.50	500-475-1	-
8	19	8	63	2.00	500-476-1	-
10	22	10	70	0.50	500-481-1	-
10	22	10	70	1.00	500-483-1	-
10	22	10	70	1.50	500-485-1	-
10	22	10	70	3.00	500-487-1	-
12	25	12	75	0.50	500-491-1	-
12	25	12	75	1.00	500-493-1	-
12	25	12	75	1.50	500-495-1	-
12	25	12	75	3.00	500-497-1	-
12	25	12	75	4.00	500-498-1	-
16	32	16	88	0.50	-	500-511W-1
16	32	16	88	1.00	-	500-513W-1
16	32	16	88	3.00	-	500-517W-1

V5 SQUARE ENDMILLS



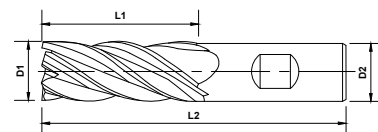
5 Flutes • Coated • With and Without Flat



- High Performance A-Gr-SiV submicron grain carbide
- Unique variable helix design for faster speeds and feeds
- Quiet operation and better finish
- MAP certified quality



Standard, Series 508, PowerA



OD	LOC	SHK	OAL	5 Flute	5 Flute
D1	L1	D2	L2	PowerA	PowerA with Flat
10	22	10	70	508-012-1	508-012W-1
12	25	12	75	508-014-1	508-014W-1
16	32	16	88	-	508-018W-1
20	38	20	100	508-022-1	508-022W-1

V5 BALL ENDMILLS



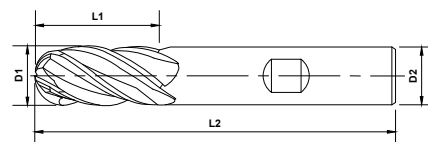
5 Flutes • Coated • With and Without Flat



- High Performance A-Gr-SiV submicron grain carbide
- Unique variable helix design for faster speeds and feeds
- Quiet operation and better finish
- MAP certified quality



Standard, Series 508, PowerA



OD	LOC	SHK	OAL	5 Flute	5 Flute
D1	L1	D2	L2	PowerA	PowerA with Flat
8	19	8	63	508-210-1	-
10	22	10	70	-	508-212W-1
12	25	12	75	-	508-214W-1

Many Additional
Sizes Available

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V5 CORNER RADIUS ENDMILLS

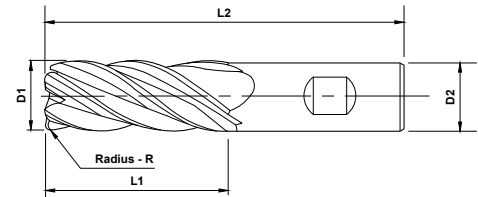


5 Flutes • Coated • With and without Flat



Standard, Series 508, PowerA

- High Performance A-Gr-SiV submicron grain carbide
- Unique variable helix design for faster speeds and feeds
- Quiet operation and better finish
- MAP certified quality



OD	LOC	SHK	OAL	Corner Radius	5 Flute	5 Flute
D1	L1	D2	L2	R	PowerA	PowerA - With Flat
8	19	8	63	0.5	508-441-1	-
10	22	10	70	0.5	508-451-1	508-451W-1
12	25	12	75	0.75	-	508-462W-1
16	32	16	88	0.75	508-482-1	508-482W-1

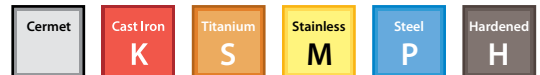
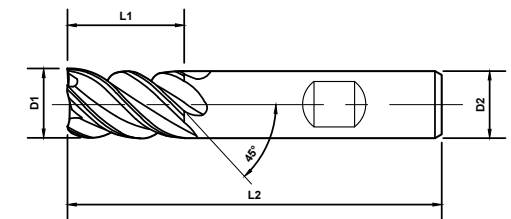
HY5 SQUARE ENDMILLS



5 Flutes • Coated • 45° Helix • With and Without Flat

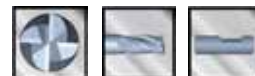


Stub, Series 547, PowerA



OD	LOC	SHK	OAL	5 Flute	5 Flute
D1	L1	D2	L2	PowerA	PowerA with Flat
6	12	6	50	-	547-008W-1
8	12	8	50	547-012-1	547-012W-1
10	14	10	50	547-014-1	-
12	16	12	63	547-016-1	547-016W-1

ROUGHERS



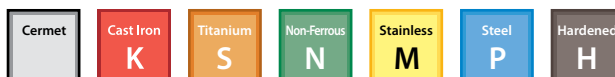
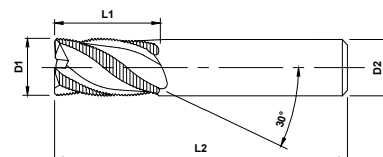
FINE PITCH

4 Flutes • Uncoated • With flat

- High Performance A-Gr-SiV submicron grain carbide
- Rigid design for fast material removal
- MAP certified quality



Standard, Series 533



OD	LOC	SHK	OAL	Flutes	Uncoated
D1	L1	D2	L2		With Flat
12	25	12	75	4	533-108-1
20	38	20	100	4	533-112-1

ROUGHERS



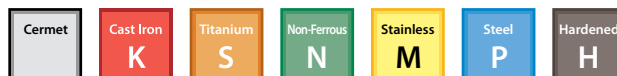
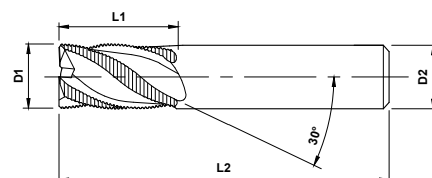
MEDIUM PITCH

4 Flutes • Coated

- High Performance A-Gr-SiV submicron grain carbide
- Rigid design for fast material removal
- MAP certified quality



Standard, Series 533, PowerA



OD	LOC	SHK	OAL	Flutes	PowerA
D1	L1	D2	L2		Coated
12	25	12	75	4	533-208-1
20	38	20	100	4	533-212-1

Many Additional
Sizes Available

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SQUARE END AXMILLS

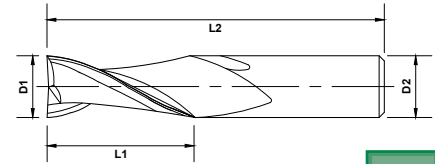


2 and 3 Flutes • Uncoated and Coated



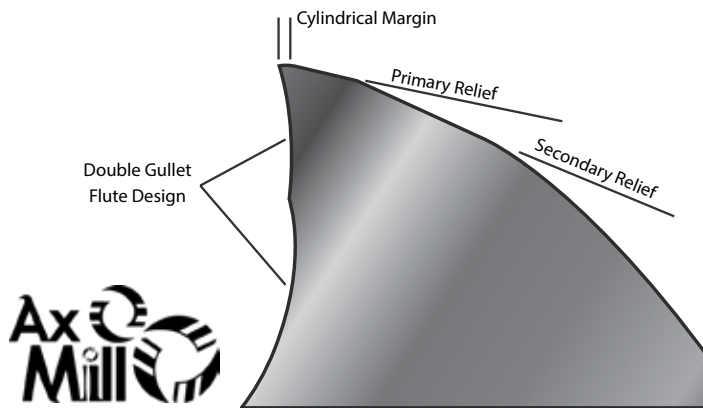
Stub, Series 522, PowerZ

Standard, Series 514, 520, PowerZ



OD	LOC	SHK	OAL	2 Flute	3 Flute	2 Flute	3 Flute
D1	L1	D2	L2	Uncoated	Uncoated	PowerZ	PowerZ
6	19	6	63	-	-	514-002-4	520-002-4
8	20	8	63	514-004	520-004	514-004-4	520-004-4
10	22	10	63	514-006	520-006	514-006-4	520-006-4
12	25	12	75	-	-	-	520-008-4

Premium flute design for aluminum



37° Helix Flute

- Increased tool strength = higher feed-rate capacity
- Decreased axial load demands
- Robust corner integrity
- Less vertical pull on workpiece
- Broad-spectrum "roughing-finishing" applications

Cylindrical Margins

- Reduced chatter and improved surface finishes
- Both cutting diameter and shank diameter maintain h6 tolerance

Double Gullet Flute Design

- Aids in efficient chip evacuation

55° HELIX SQUARE ALUMAZIPS

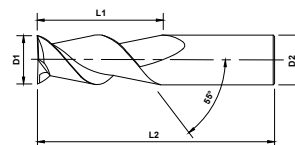


2 Flutes • Uncoated • 55° Helix

- High Performance A-Gr-SiV submicron grain carbide
- Unique design for speed and finish in aluminum



Standard, Series 528



OD	LOC	SHK	OAL	2 Flute
D1	L1	D2	L2	Uncoated
3	12	3	38	528-202
4	14	4	50	528-204
5	19	5	50	528-206
6	19	6	63	528-208
8	19	8	63	528-210
10	22	10	70	528-212
12	25	12	83	528-214
14	30	14	83	528-216
16	32	16	88	528-218
20	38	20	100	528-220

Many Additional
Sizes Available

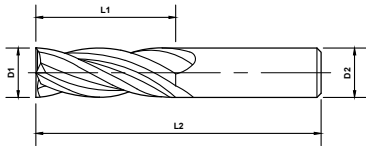
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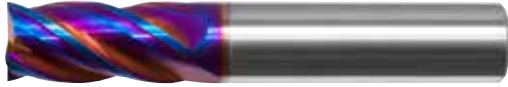
V4 PRO+ SQUARE ENDMILLS



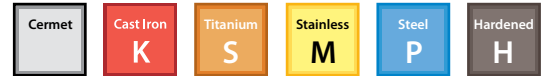
4 Flutes • Coated



- Pro+ performance A-Gr-SiV submicron grain carbide
- Unique variable design, coating, and edge quality
- Best performance and finish on wide range of materials



Standard, Series 550, PowerN

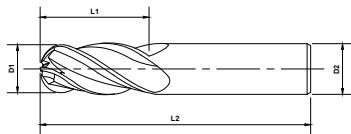


OD	LOC	SHK	OAL	4 Flute
D1	L1	D2	L2	PowerN
3	12	3	38	550-002-5
5	16	5	50	550-014-5
6	19	6	63	550-018-5
8	19	8	63	550-020-5
10	22	10	70	550-022-5
12	25	12	75	550-024-5
16	32	16	88	550-028-5

V4 PRO+ BALL ENDMILLS



4 Flutes • Coated



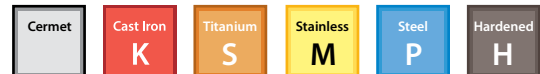
- Pro+ performance A-Gr-SiV submicron grain carbide
- Unique variable design, coating, and edge quality
- Best performance and finish on wide range of materials



Stub, Series 552, PowerN

Standard, Series 550, PowerN

Long, Series 551, PowerN



OD	LOC	SHK	OAL	4 Flute
D1	L1	D2	L2	PowerN
3	12	3	38	550-202-5
4	14	4	50	550-208-5
5	16	5	50	550-214-5
6	19	6	63	550-218-5
8	19	8	63	550-220-5
10	22	10	70	550-222-5
12	25	12	75	550-224-5
16	32	16	88	550-228-5

V4 PRO+ CORNER RADIUS



4 Flutes • Coated



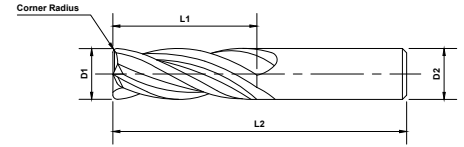
- Pro+ performance A-Gr-SiV submicron grain carbide
- Unique variable design, coating, and edge quality
- Best performance and finish on wide range of materials



Stub, Series 552, PowerN

Standard, Series 550, PowerN

Long, Series 551, PowerN



OD	LOC	SHK	OAL	.5mm	1mm	1.5mm	2mm	3mm
D1	L1	D2	L2	Corner Radius	Corner Radius	Corner Radius	Corner Radius	Corner Radius
3	12	3	38	550-401-5	-	-	-	-
4	14	4	50	550-421-5	-	-	-	-
5	16	5	50	550-441-5	-	-	-	-
6	19	6	63	550-461-5	-	-	-	-
8	19	8	63	-	550-473-5	550-475-5	-	550-477-5
10	14	10	50	-	552-463-5	-	-	-
10	22	10	70	-	550-483-5	-	-	-
12	16	12	63	-	552-473-5	-	-	-
12	25	12	75	-	-	550-495-5	550-496-5	550-497-5

Many Additional
Sizes Available

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V5 PRO+ SQUARE ENDMILLS



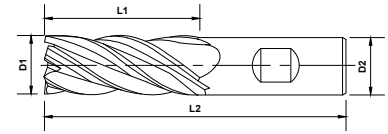
5 Flutes • Coated



- Pro+ performance A-Gr-SiV submicron grain carbide
- Unique variable design, coating, and edge quality
- Best performance and finish on wide range of materials



Standard, Series 553, PowerN



OD	LOC	SHK	OAL	5 Flute
D1	L1	D2	L2	PowerN
8	19	8	63	553-010-5
10	22	10	70	553-012-5
12	25	12	75	553-014-5
16	32	16	88	553-018-5
25	38	25	100	553-024-5

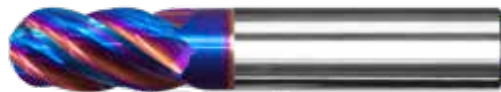
V5 PRO+ BALL ENDMILLS



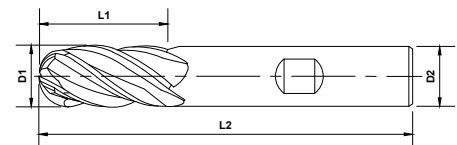
5 Flutes • Coated



- Pro+ performance A-Gr-SiV submicron grain carbide
- Unique variable design, coating, and edge quality
- Best performance and finish on wide range of materials
- MAP certified quality



Standard, Series 553, PowerN



OD	LOC	SHK	OAL	5 Flute
D1	L1	D2	L2	PowerN
8	19	8	63	553-210-5
10	22	10	70	553-212-5
12	25	12	75	553-214-5

V5 PRO+ CORNER RADIUS



5 Flutes • Coated



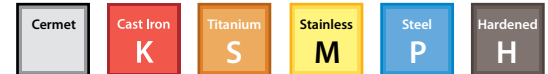
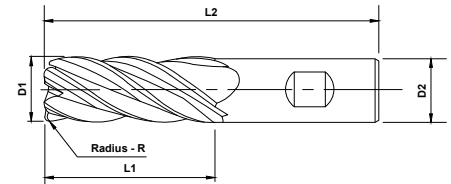
- Pro+ performance A-Gr-SiV submicron grain carbide
- Unique variable design, coating, and edge quality
- Best performance and finish on wide range of materials
- MAP certified quality



Stub, Series 555, PowerN

Standard, Series 553, 553, PowerN

Long, Series 554, PowerN



OD	LOC	SHK	OAL	.5mm	.75mm
D1	L1	D2	L2	Corner Radius	Corner Radius
8	19	8	63	553-441-5	-
10	22	10	70	553-451-5	-
12	25	12	75	-	553-462-5

V7 PRO+ ENDMILLS



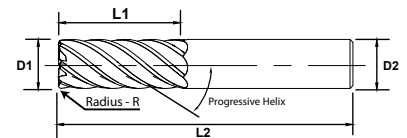
7 Flutes • Coated • Square and .030 Corner Radius



- Progressive Helix, Non-center cutting design
- High Performance, Eccentric relief
- Designed for HEM programs (High Efficiency Milling)
- Broad spectrum compatibility, including titanium alloys



Standard, Series 549, PowerNR



OD	LOC	SHK	OAL	Square	.5mm Corner Radius	1mm Corner Radius	2mm Corner Radius
D1	L1	D2	L2				
8	19	8	63	549-014-8	549-461-8	549-463-8	-
10	19	10	63	549-020-8	-	549-493-8	-
12	32	12	84	549-034-8	-	549-563-8	549-566-8

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Sizes Available

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SQUARE ENDMILLS



2, 3 & 4 Flutes Coated and Uncoated

- Genuine A-Gr-SiV submicron grain carbide
- Proven versatile performance
- MAP certified quality



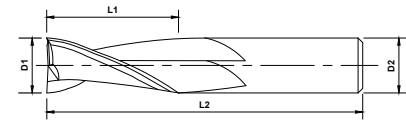
Stub, Series 313



Standard, Series 309, 310, 311



Long, Series, 304, 306



OD	LOC	SHK	OAL	2 Flute	3 Flute	4 Flute	2 Flute	3 Flute	4 Flute
D1	L1	D2	L2	Uncoated	Uncoated	Uncoated	PowerA	PowerA	PowerA
1	3	3	38	309-202	-	311-202	309-202-1	310-202-1	311-202-1
1.5	5	3	38	309-204	-	311-204	309-204-1	-	311-204-1
2	6	3	38	309-206	-	311-206	309-206-1	-	311-206-1
2.5	7	3	38	309-208	-	311-208	309-208-1	-	311-208-1
3	6	3	38	-	-	313-710	-	-	313-710-1
3	12	3	38	309-210	310-210	311-210	309-210-1	310-210-1	311-210-1
3	25	3	65	304-202	-	306-202	304-202-1	-	306-202-1
3.5	12	4	50	309-212	310-212	311-212	-	310-212-1	311-212-1
4	8	4	50	-	-	313-714	-	-	-
4	14	4	50	309-214	310-214	311-214	309-214-1	310-214-1	311-214-1
4	25	4	65	304-204	-	306-204	304-204-1	-	306-204-1
4.5	14	5	50	-	310-216	311-216	-	-	311-216-1
5	16	5	50	309-218	310-218	311-218	309-218-1	310-218-1	311-218-1
5	25	5	75	304-206	-	306-206	-	-	306-206-1
6	19	6	63	309-220	310-220	311-220	309-220-1	310-220-1	311-220-1
6	25	6	75	304-208	-	306-208	304-208-1	-	306-208-1
6	38	6	100	315-202	-	317-202	-	-	317-202-1
6	75	6	150	315-204	-	317-204	-	-	317-204-1
7	19	8	63	309-222	310-222	311-222	309-222-1	310-222-1	311-222-1
8	19	8	63	309-224	310-224	311-224	309-224-1	310-224-1	311-224-1
8	25	8	75	304-210	-	306-210	304-210-1	-	306-210-1
8	42	8	100	315-210	-	317-210	-	-	317-210-1
8	75	8	150	315-212	-	317-212	-	-	317-212-1
8	75	8	200	-	-	317-214	-	-	-

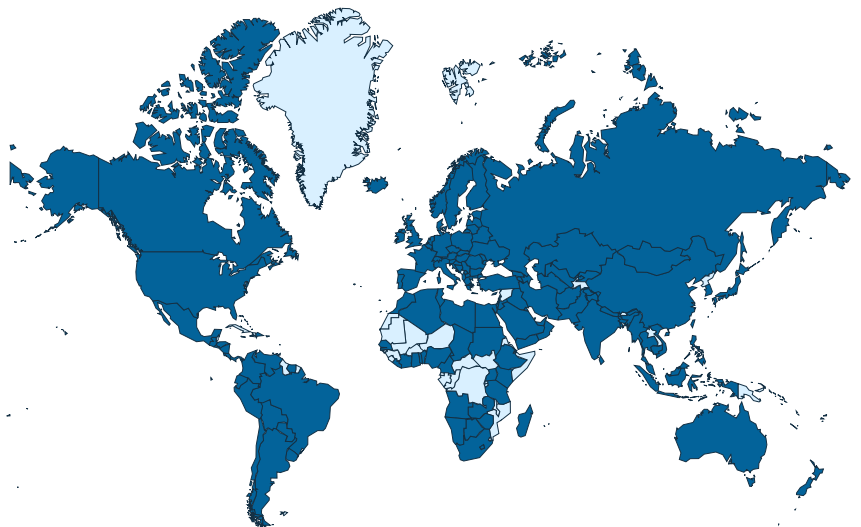
SQUARE ENDMILLS

OD	LOC	SHK	OAL	2 Flute	3 Flute	4 Flute	2 Flute	3 Flute	4 Flute
D1	L1	D2	L2	Uncoated	Uncoated	Uncoated	PowerA	PowerA	PowerA
9	22	10	70	309-226	-	311-226	-	310-226-1	311-226-1
10	22	10	70	309-228	310-228	311-228	309-228-1	310-228-1	311-228-1
10	38	10	100	304-212	-	306-212	304-212-1	-	306-212-1
10	75	10	150	315-218	-	317-218	-	-	317-218-1
10	75	10	200	-	-	317-220	-	-	317-220-1
11	25	11	70	309-230	-	311-230	-	-	311-230-1
12	25	12	75	309-232	310-232	311-232	309-232-1	310-232-1	311-232-1
12	50	12	100	304-214	-	306-214	304-214-1	-	306-214-1
12	75	12	150	315-222	-	317-222	-	-	317-222-1
12	75	12	200	-	-	317-224	-	-	317-224-1
14	30	14	88	309-234	310-234	311-234	-	310-234-1	311-234-1
16	32	16	88	309-236	310-236	311-236	309-236-1	310-236-1	311-236-1
16	75	16	150	304-218	-	306-218	304-218-1	-	306-218-1
16	75	16	200	315-232	-	317-232	-	-	317-232-1
18	36	18	100	-	-	311-238	-	-	311-238-1
20	38	20	100	-	310-240	311-240	309-240-1	310-240-1	311-240-1
20	75	20	150	-	-	306-222	304-222-1	-	306-222-1
20	75	20	200	-	-	317-236	-	-	-
22	38	22	100	-	310-242	311-242	-	-	311-242-1
25	38	25	100	-	310-244	311-244	-	-	311-244-1
25	75	25	150	-	-	306-224	-	-	306-224-1

Global Growth and Focus

Utilizing the talents of our domestic and international sales representatives, Mastercut now has customers throughout the United States and in over 150 countries.

We have catalogs in 10 languages and have exhibited in trade shows in the USA, Brazil, Canada, China, France, Germany, Italy, Japan, Mexico, Peru, Russia, and Spain.



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BALL ENDMILLS



2, 3 & 4 Flutes Coated and Uncoated

- Genuine **A-Gr-SiV** submicron grain carbide
- Proven versatile performance
- MAP certified quality



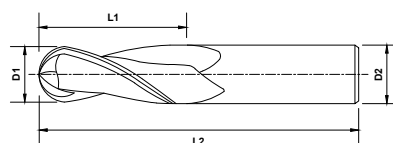
Stub, Series 313



Standard, Series 309, 310, 311



Long, Series 304, 306



OD	LOC	SHK	OAL	2 Flute	3 Flute	4 Flute	2 Flute	3 Flute	4 Flute
D1	L1	D2	L2	Uncoated	Uncoated	Uncoated	PowerA	PowerA	PowerA
1	3	3	38	309-002	-	311-002	309-002-1	-	311-002-1
1.5	5	3	38	309-004	-	311-004	309-004-1	-	311-004-1
2	6	3	38	309-006	-	311-006	309-006-1	-	311-006-1
2.5	7	3	38	-	-	311-008	-	-	311-008-1
3	12	3	38	309-010	310-010	311-010	309-010-1	310-010-1	311-010-1
3	25	3	65	304-002	-	306-002	304-002-1	-	306-002-1
4	14	4	50	309-014	310-014	311-014	309-014-1	310-014-1	311-014-1
4	25	4	65	-	-	306-004	304-004-1	-	306-004-1
5	16	5	50	309-018	310-018	311-018	309-018-1	310-018-1	311-018-1
5	25	5	75	-	-	306-006	304-006-1	-	306-006-1
6	12	6	50	-	-	313-620	-	-	313-620-1
6	19	6	63	309-020	310-020	311-020	309-020-1	310-020-1	311-020-1
6	25	6	75	304-008	-	306-008	304-008-1	-	306-008-1
6	38	6	100	315-002	-	317-002	-	-	317-002-1
6	75	6	150	315-004	-	317-004	-	-	317-004-1
7	19	8	63	309-022	-	311-022	309-022-1	-	311-022-1
8	19	8	63	309-024	-	311-024	309-024-1	-	311-024-1
8	25	8	75	-	-	306-010	304-010-1	-	306-010-1
9	22	10	70	-	-	311-026	-	-	311-026-1
10	22	10	70	309-028	310-028	311-028	309-028-1	310-028-1	311-028-1
10	38	10	100	304-012	-	306-012	304-012-1	-	306-012-1
12	25	12	75	309-032	-	311-032	309-032-1	310-032-1	311-032-1
12	50	12	100	304-014	-	306-014	304-014-1	-	306-014-1
14	30	14	88	-	-	311-034	309-034-1	-	311-034-1
16	32	16	88	-	-	311-036	309-036-1	-	311-036-1
16	75	16	200	315-032	-	317-032	-	-	-

CORNER RADIUS ENDMILLS

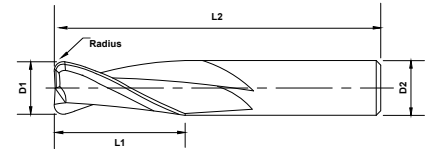


4 Flutes Coated

- Genuine A-Gr-SiV submicron grain carbide
- Corner radius for extra strength and precision
- MAP certified quality



Standard, Series 311



OD	LOC	SHK	OAL	Corner Radius	
D1	L1	D2	L2	R	4 Flute - PowerA
3	12	3	38	0.50	311-411-1
4	14	4	50	0.25	311-420-1
4	14	4	50	0.50	311-421-1
4	14	4	50	0.75	311-422-1
4	14	4	50	1.00	311-423-1
6	19	6	63	0.25	311-440-1
6	19	6	63	0.50	311-441-1
6	19	6	63	0.75	311-442-1
6	19	6	63	1.00	311-443-1
6	19	6	63	1.50	311-445-1
8	19	8	63	0.50	311-451-1
8	19	8	63	0.75	311-452-1
8	19	8	63	1.00	311-453-1
8	19	8	63	1.25	311-454-1
8	19	8	63	2.00	311-456-1
10	25	10	70	0.50	311-461-1
10	25	10	70	0.75	311-462-1
10	25	10	70	1.00	311-463-1
10	25	10	70	1.50	311-465-1
10	25	10	70	2.00	311-466-1
12	25	12	75	0.50	311-471-1
12	25	12	75	1.00	311-473-1
12	25	12	75	1.50	311-475-1
12	25	12	75	3.00	311-477-1
16	32	16	88	0.75	311-482-1

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SQUARE END - DOUBLE END

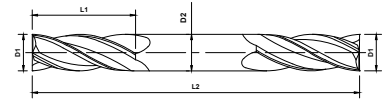


2 and 4 Flutes Uncoated

- Genuine **A-Gr-SiV** submicron grain carbide
- Proven versatile performance
- MAP certified quality



Stub, Series 302



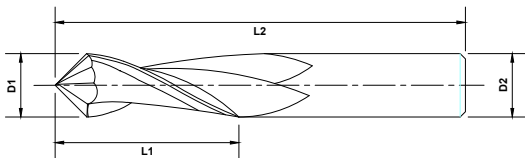
OD	LOC	SHK	OAL	2 Flute	4 Flute
D1	L1	D2	L2	Uncoated	Uncoated
1	2	3	38	-	302-302
3	6	3	38	302-110	-
4	8	4	50	302-114	-
6	12	6	63	302-120	302-320
8	12	8	63	302-124	-
9	12	9	70	-	302-326
10	12	10	70	302-128	-
12	16	12	75	302-132	-

90° DRILL MILLS



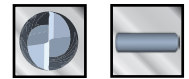
2 and 4 Flutes • Coated

- Genuine **A-Gr-SiV** submicron grain carbide
- Chamfering, countersinking, spotting, and profile milling
- MAP certified quality



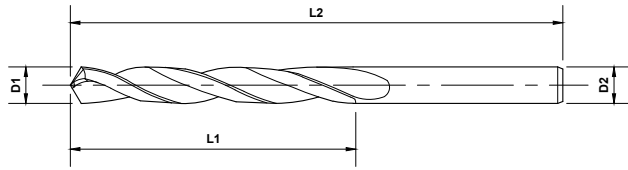
OD	LOC	SHK	OAL	2 Flute	4 Flute
D1	L1	D2	L2	PowerA	4 PowerA
3	12	3	38	314-002-1	314-302-1
4	14	4	50	-	314-304-1
5	16	5	50	314-006-1	314-306-1
6	19	6	63	314-008-1	314-308-1
8	19	8	63	-	314-310-1
10	22	10	70	314-012-1	314-312-1
12	25	12	75	314-014-1	314-314-1

JOBBER DRILLS

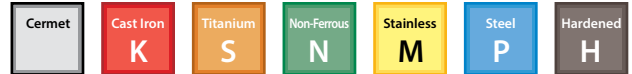


2 Flute 118° Four Facet Point • Uncoated

- Genuine A-Gr-SiV submicron grain carbide
- Proven, versatile performance
- MAP certified quality



Series 701 - 2 Flute



OD	LOC	SHK	OAL	2 Flute
D1	L1	D2	L2	
3	33	3	61	701-006
3.1	36	3.1	65	701-008
3.2	36	3.2	65	701-010
3.3	36	3.3	65	701-012
3.4	39	3.4	70	701-014
3.5	39	3.5	70	701-016
3.6	39	3.6	70	701-018
3.7	39	3.7	70	701-020
3.8	43	3.8	75	701-022
3.9	43	3.9	75	701-024
4	43	4	75	701-026
4.1	43	4.1	75	701-028
4.2	43	4.2	75	701-030
4.3	47	4.3	80	701-032
4.4	47	4.4	80	701-034
4.5	47	4.5	80	701-036
4.6	47	4.6	80	701-038
4.7	47	4.7	80	701-040
4.8	52	4.8	86	701-042
4.9	52	4.9	86	701-044
5	52	5	86	701-046
5.1	52	5.1	86	701-048
5.2	52	5.2	86	701-050
5.3	52	5.3	86	701-052
5.4	57	5.4	93	701-054
5.5	57	5.5	93	701-056
5.6	57	5.6	93	701-058
5.7	57	5.7	93	701-060
5.8	57	5.8	93	701-062
5.9	57	5.9	93	701-064
6	57	6	93	701-066
6.1	63	6.1	101	701-068
6.2	63	6.2	101	701-070

Many Additional
Sizes Available

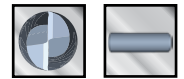
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JOBBER DRILLS

OD	LOC	SHK	OAL	2 Flute
D1	L1	D2	L2	
6.3	63	6.3	101	701-072
6.4	63	6.4	101	701-074
6.5	63	6.5	101	701-076
6.6	63	6.6	101	701-078
6.7	63	6.7	101	701-080
6.8	69	6.8	109	701-082
6.9	69	6.9	109	701-084
7	69	7	109	701-086
7.1	69	7.1	109	701-088
7.2	69	7.2	109	701-090
7.3	69	7.3	109	701-092
7.4	69	7.4	109	701-094
7.5	69	7.5	109	701-096
7.6	75	7.6	117	701-098
7.7	75	7.7	117	701-100
7.8	75	7.8	117	701-102
7.9	75	7.9	117	701-104
8	75	8	117	701-106
8.1	75	8.1	117	701-108
8.2	75	8.2	117	701-110
8.3	75	8.3	117	701-112
8.4	75	8.4	117	701-114
8.5	75	8.5	117	701-116
8.6	81	8.6	125	701-118
8.7	81	8.7	125	701-120
8.8	81	8.8	125	701-122
8.9	81	8.9	125	701-124
9	81	9	125	701-126
9.1	81	9.1	125	701-128
9.2	81	9.2	125	701-130
9.3	81	9.3	125	701-132
9.4	81	9.4	125	701-134
9.5	81	9.5	125	701-136
9.6	87	9.6	133	701-138
9.7	87	9.7	133	701-140
9.8	87	9.8	133	701-142
9.9	87	9.9	133	701-144
10	87	10	133	701-146
10.2	87	10.2	133	701-148
10.5	87	10.5	133	701-150
11	94	11	142	701-152
11.5	94	11.5	142	701-154
12	101	12	151	701-156
14.5	114	14.5	169	701-158
15	114	15	169	701-160
15.5	120	15.5	178	701-162

STUB DRILLS

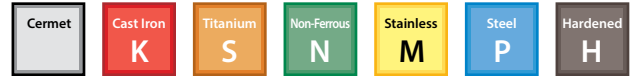
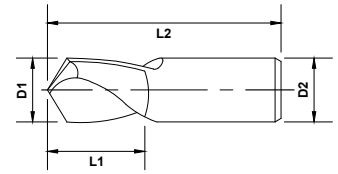


2 Flute • 118° Four Facet Point • Uncoated

- Genuine A-Gr-SiV submicron grain carbide
- Proven, versatile performance
- MAP certified quality



Stub, Series 703



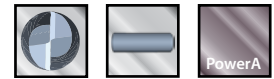
OD	LOC	SHK	OAL	2 Flute
D1	L1	D2	L2	Uncoated
3	12	3	46	703-002
3.2	14	3.2	49	703-006
3.3	14	3.3	49	703-008
3.4	15	3.4	52	703-010
3.5	15	3.5	52	703-012
3.8	17	3.8	55	703-018
4	17	4	55	703-022
4.2	17	4.2	55	703-026
4.3	18	4.3	58	703-028
4.4	18	4.4	58	703-030
4.5	18	4.5	58	703-032
4.6	18	4.6	58	703-034
4.8	20	4.8	62	703-038
4.9	20	4.9	62	703-040
5	20	5	62	703-042
5.3	20	5.3	62	703-048
5.5	21	5.5	66	703-052
5.7	21	5.7	66	703-056
5.8	21	5.8	66	703-058
6	21	6	66	703-062
6.2	23	6.2	70	703-066
6.3	23	6.3	70	703-068
6.5	23	6.5	70	703-072
7	25	7	74	703-078
7.5	25	7.5	74	703-080
8	27	8	79	703-082
9	29	9	84	703-086
10	31	10	89	703-092
10.5	31	10.5	89	703-094
11	33	11	95	703-096
12	35	12	102	703-100
13	35	13	102	703-104
14	37	14	107	703-106

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NC SPOTTING DRILLS

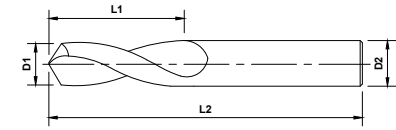


90° • Uncoated and Coated

- Genuine A-Gr-SiV submicron grain carbide
- Proven versatile performance
- MAP certified quality

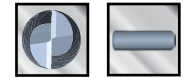


Standard, Series 700



OD	LOC	SHK	OAL	90° Point	90° Point
D1	L1	D2	L2	Uncoated	PowerA
3	10	3	38	-	700-402-1
4	18	4	63	700-404	-
6	20	6	63	700-406	700-406-1
8	20	8	63	700-408	700-408-1
10	25	10	75	700-410	700-410-1
12	25	12	75	700-412	-

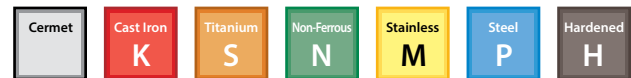
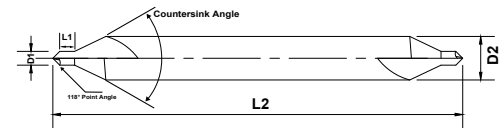
DRILL AND COUNTERSINK



118° point Center Drills • 60° and 90° Countersink • Uncoated



Standard, Series 700



OD	LOC	SHK	OAL	60° Point	90° Point
D1	L1	D2	L2	Uncoated	Uncoated
3.15	3.15	8	56	700-308	700-208
4	4	11.1	70	700-310	700-210
5	5	12.7	75	700-312	700-212
8	8	19	85	700-316	700-216

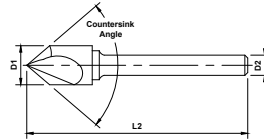
SINGLE FLUTE COUNTERSINKS



Single Flute • 60° and 90° • Uncoated



Standard, Series 780



- Genuine A-Gr-SiV submicron grain carbide
- Proven, versatile performance



OD	SHK	OAL	60° Point	90° Point
D1	D2	L2	Uncoated	Uncoated
5	5	50	780-004	-
6	6	50	780-006	780-206

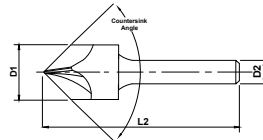
THREE FLUTE COUNTERSINKS



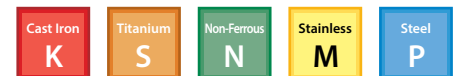
Three Flute • 60° and 90° • Uncoated



Standard, Series 780

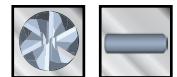


- Genuine A-Gr-SiV submicron grain carbide
- Proven, versatile performance



OD	SHK	OAL	60° Point	90° Point
D1	D2	L2	Uncoated	Uncoated
9.5	6	66	780-308	780-508
12.7	6	72	-	780-510
16	8	69	-	780-512
19	8	75	-	780-514
25	8	70	-	780-516

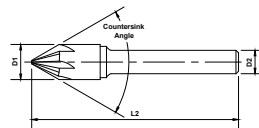
SIX FLUTE COUNTERSINKS



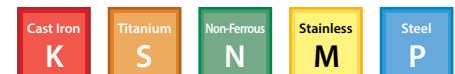
Six Flute • 60° and 90° Point • Uncoated



Standard, Series 780



- Genuine A-Gr-SiV submicron grain carbide
- Proven, versatile performance



OD	SHK	OAL	60° Point	90° Point
D1	D2	L2	Uncoated	Uncoated
6	6	50	780-606	-
9.5	6	66	-	780-808
12.7	6	72	-	780-810
16	8	75	-	780-812
19	8	75	-	780-814
25	8	83	-	780-816

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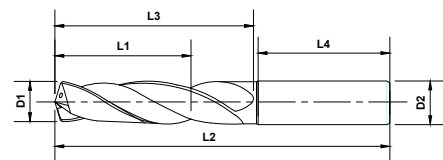


HURRICANE DRILLS - 3xD



HIGH PERFORMANCE DRILLS

3xD • 2 FL, 140° Point and 30° Helix • Coated • Coolant and Non-Coolant Through



Series 750, PowerA



OD	LOC		SHK	OAL		Non-Coolant Through	Coolant Through
D1	L1	L3	D2	L4	L2	PowerA	PowerA
3.5	14	20	6	36	62	-	750-518-1
3.6	14	20	6	36	62	-	750-524-1
3.8	17	24	6	36	66	-	750-528-1
4.1	17	24	6	36	66	-	750-538-1
4.5	17	24	6	36	66	-	750-550-1
5.5	20	28	6	36	66	-	750-580-1
5.6	20	28	6	36	66	-	750-588-1
5.8	20	28	6	36	66	-	750-592-1
6.1	24	34	8	36	79	-	750-602-1
6.2	24	34	8	36	79	-	750-604-1
6.35	24	34	8	36	79	750-108-1	-
7	24	34	8	36	79	-	750-626-1
8	29	41	8	36	79	-	750-658-1
8.2	35	47	10	40	89	-	750-662-1
10	35	47	10	40	89	750-220-1	-
12.7	43	60	14	45	107	750-284-1	-

HURRICANE DRILLS - 5xD



HIGH PERFORMANCE DRILLS

5xD • 2 FL, 140° Point and 30° Helix • Coated • Coolant and Non-Coolant Through



Series 751, PowerA



OD	LOC		SHK		OAL	Non-Coolant Through	Coolant Through
D1	L1	L3	D2	L4	L2	PowerA	PowerA
5	35	44	6	36	82	751-066-1	-
6.35	43	53	8	36	91	-	751-608-1
8	43	53	8	36	91	-	751-658-1
8.1	49	61	10	40	103	-	751-660-1
8.9	49	61	10	40	103	-	751-684-1

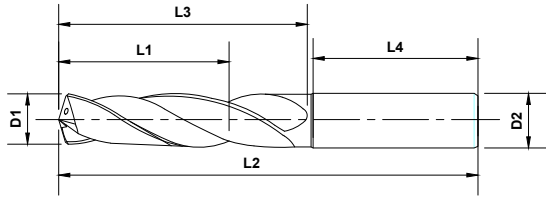
HURRICANE DRILLS - 8xD



HIGH PERFORMANCE DRILLS

8xD • 2 FL, 140° Point and 30° Helix • Coated • Coolant Through

- High Performance A-Gr-SiV submicron grain carbide
- Coolant and non-coolant through
- Rigid design for fast feed rates
- MAP certified quality



Series 750, PowerA



OD	LOC		SHK	OAL		Coolant Through
D1	L1	L3	D2	L4	L2	PowerA
.1850	1.417	1.692	.2362	1.3386	3.18	752-544-1
.1890	2.086	2.244	.2362	1.3386	3.74	752-548-1
.2008	2.086	2.244	.2362	1.4173	3.74	752-554-1
.2598	2.598	2.992	.3150	1.4173	4.48	752-592-1
.2953	2.598	2.992	.3150	1.4173	4.48	752-614-1
.3150	2.598	2.992	.3150	1.4173	4.48	752-628-1
.3465	3.346	3.740	.3937	1.771	5.59	752-648-1

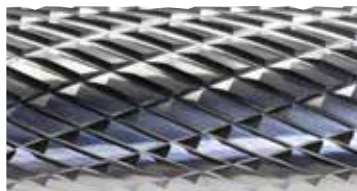


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CARBIDE BURS



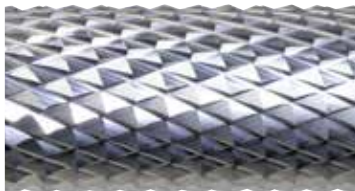
DOUBLECUT (DC)



SINGLECUT (SC)



CHIPBREAKER (CB)



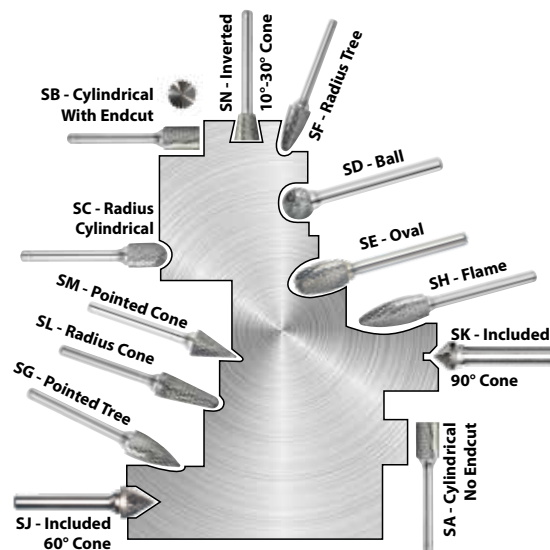
DIAMONDCUT (DM)



ALUMACUT (FM)
For Aluminum



NX CUT (NX)
For Stainless Steel



Bur Shape Guide

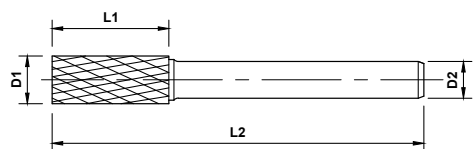


Part ID Guide



SA BURS - CYLINDRICAL SHAPE

Without End Cut



Standard, Singlecut, Series SA-SC



Standard, Doublecut, Series SA-DC



Standard, Alumacut, Series SA-FM



Long, Singlecut, Series SA-SC

Length Key (K)

Standard Long * Solid Carbide

Non-Ferrous
N Alumacuts recommended
for non-ferrous materials



	OD	LOC	SHK	OAL	Cut Type		
K	D1	L1	D2	L2	Singlecut	Doublecut	Alumacut
*	1.5	6	3	38	-	SA-41MMDC	-
*	2.5	11	3	38	SA-42MMSC	SA-42MMDC	-
*	3	14	3	38	SA-43MMSC	SA-43MMDC	-
*	5	16	6	50	-	SA-14MMDC	-
*	6	16	6	50	-	SA-1MMDC	-
	6	16	6	171	-	SA-1MML6DC	-
	6.3	12.7	3	51	-	SA-51MMDC	-
	8	19	6	64	-	SA-2MMDC	-
	9.5	19	6	64	-	SA-3MMDC	SA-3MMFM
	9.5	19	6	171	-	SA-3MML6DC	-
	11	25	6	70	-	SA-4MMDC	-
	12.7	25	6	70	SA-5MMSC	SA-5MMDC	SA-5MMFM
	16	25	6	70	-	SA-6MMDC	-

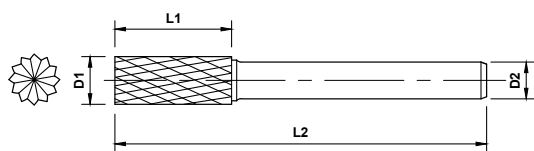
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SB BURS - CYLINDRICAL SHAPE

With End Cut



Standard, Singlecut, Series SB-SC



Standard, Doublecut, Series SB-DC



Standard, Alumacut, Series SB-FM



Long, Singlecut, Series SB-SC

Length Key (K)

Standard Long * Solid Carbide

Non-Ferrous
N

Alumacuts recommended
for non-ferrous materials

Cermet

Cast Iron
K

Titanium
S

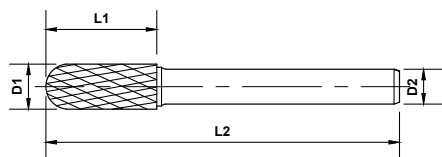
Stainless
M

Steel
P

Hardened
H

	OD	LOC	SHK	OAL	Cut Type		
K	D1	L1	D2	L2	Singlecut	Doublecut	Alumacut
*	1.5	6	3	38	-	SB-41MMDC	-
*	2.5	11	3	38	-	SB-42MMDC	-
*	3	14	3	38	SB-43MMSC	SB-43MMDC	-
*	6	16	6	50	SB-1MMSC	SB-1MMDC	-
	6	16	6	171	-	SB-1MML6DC	-
	6.3	4.7	3	43	-	SB-51MMDC	-
	8	19	6	64	-	SB-2MMDC	-
	9.5	19	6	64	-	SB-3MMDC	SB-3MMFM
	9.5	19	6	171	-	SB-3MML6DC	-
	12.7	25	6	70	-	SB-5MMDC	SB-5MMFM
	16	25	6	70	-	SB-6MMDC	-
	19	25	6	70	-	SB-7MMDC	-
	25.4	25	6	70	-	SB-9MMDC	-

SC BURS - RADIUS CYLINDRICAL SHAPE



Standard, Singlecut, Series SC-SC



Standard, Doublecut, Series SC-DC



Standard, Alumacut, Series SC-FM Series



Long, Series , Singlecut SC-SC

Length Key (K)

Standard Long * Solid Carbide

Non-Ferrous
N Alumacuts recommended
for non-ferrous materials

Cermet Cast Iron K Titanium S Stainless M Steel P Hardened H

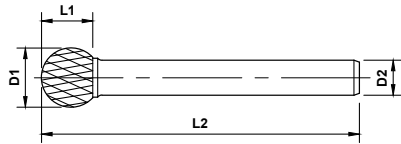
	OD	LOC	SHK	OAL	Cut Type		
K	D1	L1	D2	L2	Singlecut	Doublecut	Alumacut
*	2.5	11	3	38	-	SC-41MMDC	-
*	3	14	3	38	SC-42MMSC	SC-42MMDC	SC-42MMFM
*	3	14	3	75	-	SC-42MML3DC	-
*	6	16	6	50	SC-1MMSC	SC-1MMDC	SC-1MMFM
	6	16	6	171	-	SC-1MML6DC	-
	6.3	12.7	3	51	SC-51MMSC	SC-51MMDC	SC-51MMFM
	8	19	6	64	-	SC-2MMDC	-
	9.5	19	6	64	SC-3MMSC	SC-3MMDC	SC-3MMFM
	9.5	19	6	171	-	SC-3MML6DC	-
	11	25	6	70	-	SC-4MMDC	-
	12.7	25	6	70	SC-5MMSC	SC-5MMDC	SC-5MMFM
	12.7	25	6	178	-	SC-5MML6DC	-
	16	25	6	70	-	SC-6MMDC	-

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SD BURS - BALL SHAPE



Standard, Singlecut SD-SC Series



Standard, Doublecut SD-DC Series



Standard, Alumacut SD-FM Series



Long, Singlecut SD-SC Series

Length Key (K)

Standard Long * Solid Carbide

Non-Ferrous
N Alumacuts recommended for non-ferrous materials

Cermet

Cast Iron
K

Titanium
S

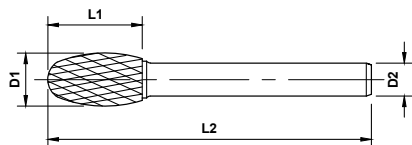
Stainless
M

Steel
P

Hardened
H

	OD	LOC	SHK	OAL	Cut Type		
K	D1	L1	D2	L2	Singlecut	Doublecut	Alumacut
*	2.5	2.3	3	38	SD-41MMSC	SD-41MMDC	-
*	3	2.5	3	38	SD-42MMSC	SD-42MMDC	SD-42MMFM
*	6	5	6	50	SD-1MMSC	SD-1MMDC	-
	6	5	6	171	-	SD-1MML6DC	-
	6.3	5	3	44	SD-51MMSC	SD-51MMDC	-
	8	6.4	6	51.4	-	SD-2MMDC	-
	9.5	8	6	53	SD-3MMSC	SD-3MMDC	SD-3MMFM
	9.5	8	6	160	-	SD-3MML6DC	-
	12.7	11	6	56	SD-5MMSC	SD-5MMDC	SD-5MMFM
	12.7	11	6	164	-	SD-5MML6DC	-
	16	14	6	59	-	SD-6MMDC	-
	19	17	6	62	-	SD-7MMDC	-
	25.4	23	6	68	-	SD-9MMDC	-

SE BURS - OVAL SHAPE



Standard, Singlecut, Series SE-SC



Standard, Doublecut, Series SE-DC



Standard, Alumacut, Series SE-FM



Long, Singlecut, Series SE-SC

Length Key (K)

Standard Long * Solid Carbide

Non-Ferrous
N Alumacuts recommended for non-ferrous materials

Cermet Cast Iron K Titanium S Stainless M Steel P Hardened H

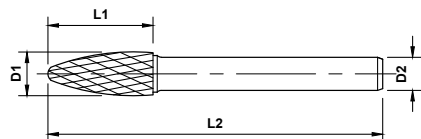
	OD	LOC	SHK	OAL	Cut Type		
K	D1	L1	D2	L2	Singlecut	Doublecut	Alumacut
*	3	5.5	3	38	SE-41MMSC	SE-41MMDC	-
*	6	9.5	6	50	-	SE-1MMDC	-
	6.3	9.5	3	47	-	SE-51MMDC	-
	9.5	16	6	61	-	SE-3MMDC	-
	9.5	16	6	168	-	SE-3MML6DC	-
	12.7	22	6	67	SE-5MMSC	SE-5MMDC	SE-5MMFM
	16	25	6	70	-	SE-6MMDC	-

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Sizes Available

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SF BURS - RADIUS TREE SHAPE



Standard, Singlecut, Series SF-SC



Standard, Doublecut, Series SF-DC



Standard, Alamacut, Series SF-FM



Long, Singlecut, Series SF-SC

Length Key (K)

Standard Long * Solid Carbide

Non-Ferrous
N

Alumacuts recommended
for non-ferrous materials

Cermet

Cast Iron
K

Titanium
S

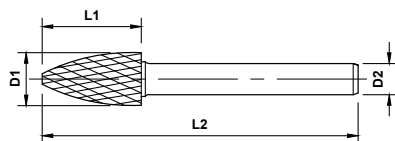
Stainless
M

Steel
P

Hardened
H

	OD	LOC	SHK	OAL	Cut Type		
K	D1	L1	D2	L2	Singlecut	Doublecut	Alamacut
*	3	6	3	38	-	SF-41MMDC	-
*	3	12.7	3	38	SF-42MMSC	SF-42MMDC	-
*	6	16	6	50	SF-1MMSC	SF-1MMDC	-
	6	16	6	171	-	SF-1MML6DC	-
	6.3	12.7	3	51	SF-51MMSC	SF-51MMDC	-
	9.5	19	6	64	SF-3MMSC	SF-3MMDC	SF-3MMFM
	9.5	19	6	171	-	SF-3MML6DC	-
	12.7	25	6	70	SF-5MMSC	SF-5MMDC	SF-5MMFM
	12.7	25	6	178	-	SF-5MML6DC	-
	16	25	6	70	-	SF-6MMDC	-

SG BURS - POINTED TREE SHAPE



Standard, Singlecut, Series SG-SC



Standard, Doublecut, Series SG-DC



Standard, Alumacut, Series SG-FM



Long, Singlecut, Series SG-SC

Length Key (K)

Standard Long * Solid Carbide

Non-Ferrous
N Alumacuts recommended for non-ferrous materials

Cermet Cast Iron K Titanium S Stainless M Steel P Hardened H

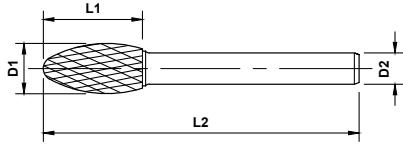
	OD	LOC	SHK	OAL	Cut Type		
K	D1	L1	D2	L2	Singlecut	Doublecut	Alumacut
*	3	9.5	3	38	SG-43MMSC	SG-43MMDC	-
*	3	12.7	3	38	SG-44MMSC	SG-44MMDC	SG-44MMFM
*	6	16	6	50	SG-1MMSC	SG-1MMDC	-
	6.3	12.7	3	51	SG-51MMSC	SG-51MMDC	-
	8	19	6	64	SG-2MMSC	SG-2MMDC	-
	9.5	19	6	64	SG-3MMSC	SG-3MMDC	SG-3MMFM
	12.7	25	6	70	-	SG-5MMDC	SG-5MMFM

Many Additional
Sizes Available

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SH BURS - FLAME SHAPE



Standard, Singlecut , Series SH-SC



Standard, Doublecut, Series SH-DC



Standard, Alumacut, Series SH-FM



Long, Singlecut, Series SH-SC

Length Key (K)

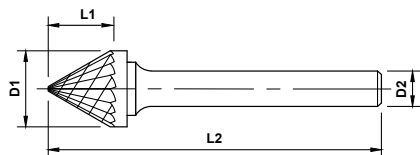
Standard Long * Solid Carbide

Non-Ferrous
N Alumacuts recommended
for non-ferrous materials

Cermet
Cast Iron
K Titanium
S Stainless
M Steel
P Hardened
H

	OD	LOC	SHK	OAL	Cut Type		
K	D1	L1	D2	L2	Singlecut	Doublecut	Alumacut
*	3	6.3	3	38	SH-41MMSC	SH-41MMDC	-
*	6	12.7	6	50	-	SH-1MMDC	-
	8	19	6	64	-	SH-2MMDC	-
	12.7	32	6	77	-	SH-5MMDC	SH-5MMFM

SJ BURS - 60° INCLUDED CONE SHAPE



Standard, Singlecut Series SJ-SC



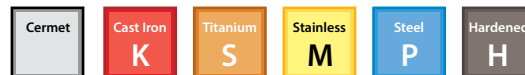
Standard, Doublecut Series SJ-DC



Standard, Alumacut Series SJ-FM

Length Key (K)

Standard Long * Solid Carbide



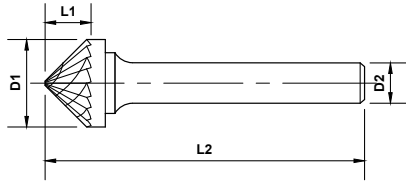
	OD	LOC	SHK	OAL		
K	D1	L1	D2	L2	Singlecut	Doublecut
*	6	4	6	50	-	SJ-1MMDC
	12.7	11	6	58.3	SJ-5MMSC	SJ-5MMDC

Many Additional
Sizes Available

Email: sales@mastercuttool.com
www.mastercuttool.com



SK BURS - 90° INCLUDED CONE SHAPE



Standard, Singlecut SK-SC Series



Standard, Doublecut SK-DC Series



Standard, Alumacut SK-FM Series

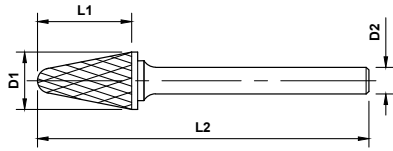
Length Key (K)

Standard Long * Solid Carbide



	OD	LOC	SHK	OAL	Cut Type	
K	D1	L1	D2	L2	Singlecut	Doublecut
	9.5	4.7	6	52.4	SK-3MMSC	SK-3MMDC
	12.7	6.3	6	54	SK-5MMSC	SK-5MMDC
	16	8	6	56.7	SK-6MMSC	-

SL BURS - RADIUS CONE SHAPE



Standard, Singlecut, Series SL-SC



Standard, Doublecut, Series SL-DC



Standard, Alumacut SL-FM Series

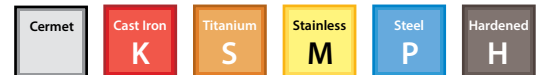


Long, Singlecut, Series SL-SC

Length Key (K)

Standard Long * Solid Carbide

Non-Ferrous
N Alumacuts recommended
for non-ferrous materials



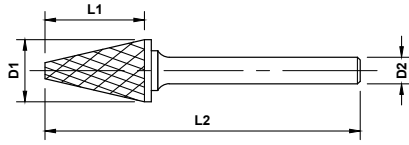
	OD	LOC	SHK	OAL	Angle	Cut Type		
K	D1	L1	D2	L2	Inclusive	Singlecut	Doublecut	Alumacut
*	3	9.5	3	38	8°	SL-41MMSC	SL-41MMDC	-
*	3	12.7	3	38	8°	SL-42MMSC	SL-42MMDC	SL-42MMFM
*	6	16	6	50	14°	-	SL-1MMDC	-
	8	22	6	70	14°	-	SL-2MMDC	-
	9.5	27	6	75	14°	SL-3MMSC	SL-3MMDC	SL-3MMFM
	9.5	27	6	183	14°	-	SL-3MML6DC	-
	12.7	28	6	77	14°	SL-4MMSC	SL-4MMDC	SL-4MMFM
	16	30	6	78	14°	-	SL-5MMDC	-

Many Additional
Sizes Available

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SM BURS - POINTED CONE SHAPE



Standard, Singlecut, Series SM-SC



Standard, Doublecut, Series SM-DC



Standard, Alumacut, Series SM-FM



Long, Singlecut, Series SM-SC

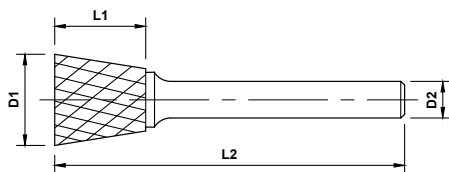
Length Key (K)

Standard Long * Solid Carbide



	OD	LOC	SHK	OAL	Angle	Cut Type	
K	D1	L1	D2	L2	Inclusive	Singlecut	Doublecut
*	3	8.9	3	38	12°	SM-41MMSC	SM-41MMDC
*	3	11	3	38	14°	SM-42MMSC	SM-42MMDC
*	3	16	3	38	7°	SM-43MMSC	SM-43MMDC
*	6	12.7	6	50	22°	-	SM-1MMDC
	6	19	6	50	12°	SM-2MMSC	SM-2MMDC
	6	25	6	50	12°	-	SM-3MMDC
	6.3	12.7	3	54	22°	SM-51MMSC	SM-51MMDC
	9.5	16	6	64	28°	SM-4MMSC	SM-4MMDC
	12.7	22	6	70.5	28°	-	SM-5MMDC
	16	25	6	73.5	31°	SM-6MMSC	-

SN BURS - INVERTED CONE SHAPE



Standard, Singlecut, Series SN-SC



Standard, Doublecut, Series SN-DC



Standard, Alumacut, Series SN-FM



Long, Singlecut, Series SN-SC

Length Key (K)

Standard Long * Solid Carbide



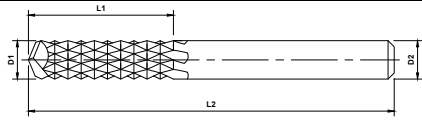
	OD	LOC	SHK	OAL	Angle	Cut Type	
K	D1	L1	D2	L2	Inclusive	Singlecut	Doublecut
*	3	4	3	38	10°	SN-42MMSC	SN-42MMDC
*	6	8	6	50	10°	-	SN-1MMDC
	6.3	6	3	44	10°	SN-51MMSC	SN-51MMDC
	9.5	9.5	6	54.5	13°	-	SN-2MMDC
	12.7	12.7	6	57.7	28°	-	SN-4MMDC

Many Additional
Sizes Available

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FIBERGLASS ROUTERS



- Diamond cut flute pattern
- Effective on laminate and fiberglass materials



Burend, Series FGR-B



Millend, Series FGR-C

Length Key (K)

Standard Long * Solid Carbide



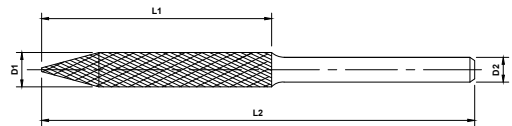
	OD	LOC	SHK	OAL		
K	D1	L1	D2	L2	Burend (B)	Millend (C)
*	3	12	3	38	FGRM2B	FGRM2C
*	6	25	6	63	FGRM6-0B	-
*	6	18	6	75	-	FGRM6-1C

TIRE BURS

- Superb for trimming and repairing steel belted tire



Tri-Shank, Series STB-T



Length Key (K)

Standard * Solid Carbide

	OD	LOC	SHK	OAL		
K	D1	L1	D2	L2	Round Shank	Tri-Shank
*	3	14	3	38	STBM-012	STBM-012T
*	6	50	6	75	STBM-013	STBM-013T
*	8	53	8	100	STBM-014	STBM-014T

MASTERCUT TOOL COATING OPTIONS



PowerT (Titanium Nitride, TiN) (append -2)*

Color: Gold
Vickers Hardness: approximately 2,300 Vickers
General purpose, entry level over uncoated carbide



PowerC (Titanium Carbon Nitride, TiCN) (append -3)*

Color: ranges from slight violet to brown-gray
Vickers Hardness: approximately 3,000 Vickers
Used on ferrous, non-ferrous and non-magnetic stainless steel
Good abrasion resistance, low heat resistance, for applications requiring low RPMs and high thrust



PowerA (Aluminum Titanium Nitride, AlTiN) (append -1)*

Color: Dark Gray
Vickers Hardness: approximately 3,600 Vickers
Nickel Alloys, Stainless Steel, Hardened Steels, Tool Steels, Cast Iron
An excellent broad spectrum grade. May be run in dry or minimum quantity lubrication applications, where heat can be a problem. Also handles light chip loads very well



PowerZ (Zirconium Nitride, ZrN) (append -4)*

Color: Dull Gold
Vickers Hardness: approximately 2,800 Vickers
Outstanding on aluminum, including high silica aluminum. Can also be used on cast iron, stainless steels, titanium



PowerN (nACo) nano-composite (nc-AlTiN)/(a-Si³N⁴) (append -5)*

Color: Varying hues of blue and red
Vickers Hardness: approximately 4,500 Vickers
Outstanding performance in superalloys, hard material machining, and high heat applications.



PowerNR (nACRo) nano-composite (nc-AlCrN/a-Si³N⁴)(append -8)*

Color: gray
Vickers Hardness: approximately 4,000 Vickers
Outstanding in high heat applications, better resistance to shock and chipping than nACo, for tough, aggressive cutting applications.



PowerDLC (Diamond Like Carbon)(append -6)*

Color: variable gray to black
Vickers Hardness: approximately 4,000 Vickers
Non-ferrous metals, high silicone aluminum, copper, plastic, graphite, fiberglass or reinforced plastics
Can be applied to any carbide substrate



PowerRD (Real Diamond)(append -7)*

Color: variable gray to black
Vickers Hardness: approximately 8,000 Vickers
Non-ferrous, metals, aluminum, graphite, green ceramics, and composites
Requires 6% cobalt carbide for application

* append -# indicates that this coating is applied to uncoated tool part number

Devotion to Innovation

Since 1985, Mastercut Tool Corp. has created and manufactured defect free, quality cutting tools for our customers and their subsidiaries. This record of innovation, perfect quality, and near perfect on-time delivery continues to this day.

At Mastercut, we pride ourselves with a focus on manufacturing innovative products with recent developments that include Nano Coated Pro+ Performance Endmills, NX Burs for Stainless Steel, and High Performance Coolant Through Hurricane Drills. Mastercut Tool Corp. remains devoted to innovation and success for our customers.



Nano Coated Pro+ Endmills



NX Burs for Stainless Steel



Coolant Through Hurricane Drills

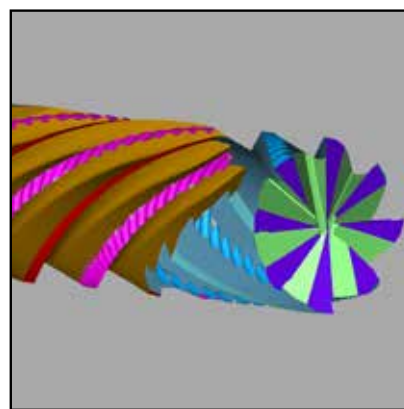
The Mastercut Advantage



Computer generated
production schedules



Individual production cells
classified by tool type



Custom/Special Tool Design



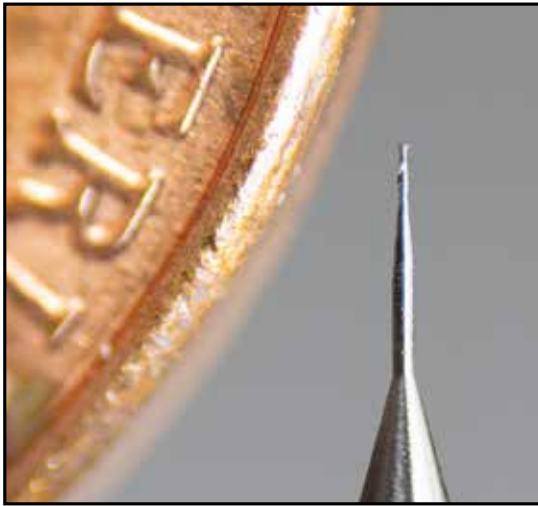
Automated Bur Brazing



Top of the line CNC
machines and equipment



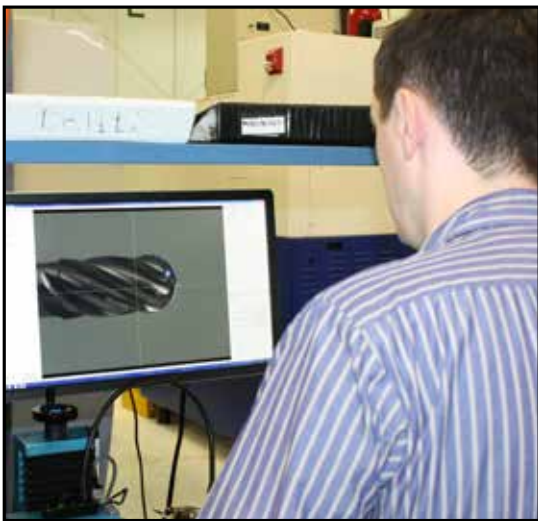
Robotic load and unload of raw
materials and finished tools



Micro Precision Manufacturing
.005" 2 Flute Square Endmill



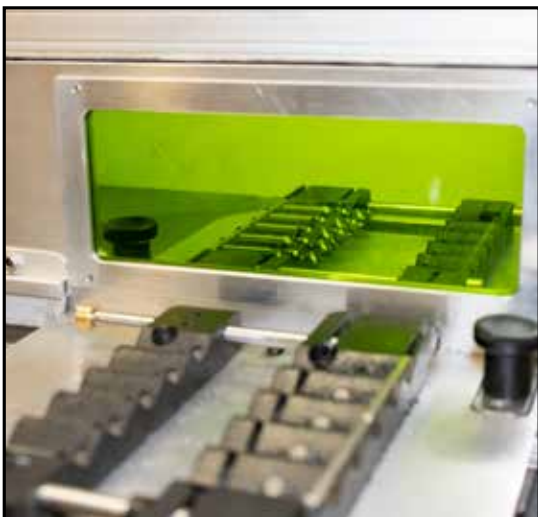
In house coating room



Camera and laser measuring
and quality control equipment



Vertical, barcode controlled
inventory storage



Custom Laser Etching



Custom UV Printing
package labels

Main Product Catalogs



FRACTIONAL CATALOG

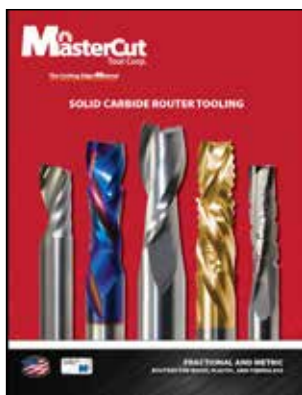


METRIC CATALOG

Fractional and Metric catalogs are available featuring Standard Performance Endmills, High Performance Endmills, Pro+ Performance Endmills, a section of Routers for Wood and Plastic, Standard Drills, High Performance Drills, Reamers, and our complete line of Carbide Burs.

Our Metric Catalog is available in the following languages:

Chinese • English • French
German • Italian • Japanese
Korean • Portuguese • Russian
Spanish



ROUTER CATALOG

Our Solid Carbide Router Tooling catalog showcases a complete line of routers designed for all types of wood, plastic, and aluminum.

The catalog features straight flute bits, as well as upcut, downcut and compression spiral routing bits in one, two, three, and four flutes.



DENTAL CATALOG

Our dental lab catalog includes CAD CAM Burs for the lab industry's most popular milling machines, and our ISO, hand piece and bench lathe burs.

Our Mastercut Dental Tools catalog is available in English, French, German and Spanish.

Flyers and Custom Marketing Materials

We are able to customize over 20 different flyers and product listing sheets with your logo and contact information. Mastercut is dedicated to providing materials that will help your customers.



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PRO+ PERFORMANCE



V4



AXMILL



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marketing@mastercuttool.com

Quick Ship TERMS AND CONDITIONS

To Order

Faxed or e-mailed orders are required. Please specify quantity and EDP/Part numbers.

Minimum Orders

\$50 for standard items, \$200 for special orders. Orders below \$50 are subject to a \$7.50 handling fee.

Standard Payment Terms

Overseas customers: Prepaid.

US customers: Net 30 Days, pending credit approval, past due after 30 days from billing date.

Freight

Freight is F.O.B. Origin. Mastercut Tool Corp. offers daily service with FedEx and UPS. Shipments made Pre-Pay & Add on Mastercut's FedEx or UPS accounts are subject to a \$2.50 handling fee for domestic shipments and a \$25.00 handling fee for international shipments. We are also happy to utilize any freight carrier when shipping on a collect or third-party account with no additional handling fee.

Return Policy

Standard items that Mastercut maintains in stock may be returned with a 25% restocking fee. All returns must be received within 2 months of original ship date. We are unable to accept returns on non-stock items or specials.

ADDITIONAL OFFERINGS

Special Tooling for your Requirements

When you need a non-standard tool for a specific job, give us a call. Requirements for special tooling or modifications of existing standard items will be given prompt, expert attention.

Resharpening

Mastercut Tool Corp. employs skilled craftspersons and advanced equipment to provide excellent resharpening services. We can sharpen dull cutters, regardless of the manufacturer. This is an excellent and efficient way to get new tool performance at a fraction of the cost.

Email our Quotes department for Special Tooling:

quotes@mastercuttool.com



SOLID CARBIDE ENDMILLS



HIGH PERFORMANCE ENDMILLS

PRO+ PERFORMANCE



ROUTERS FOR WOOD, PLASTIC, AND FIBERGLASS

DRILLS, COUNTERSINKS

REAMERS



CARBIDE BURS - SOLID AND BRAZED SHANK



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 Safety Harbor, Florida 34695 USA
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 Web: www.mastercuttool.com



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