

CARBIDE TOOLING FOR METAL CUTTING

METAL CUTTING



MISENHEIMER INC.

MISENHEIMERINC.COM





ESTABLISHED IN 1981, Charles and Judy Misenheimer had only one thing in mind—provide excellent service, quality, and technical support to the woodworking industry. Now, years later, this idea remains the main emphasis. Through the hand of their son, Kevin, Misenheimer, Inc. offers superior service to almost every aspect of the industry.

Having the right tool for the job is especially important when it comes to shaping both wood and metal. Misenheimer’s expertise, once exclusive to woodworking, expanded in 2023 when Kevin broadened the product line to include carbide tooling for metal cutting. These additions carry the same precision, durability, and technical excellence Misenheimer is known for. Whether working with hardwood or alloy, Misenheimer has the tooling solutions and technical experience to help you maximize productivity and performance from your machinery investment.

Misenheimer solid carbide spirals and metal cutting tools meet and exceed rigorous in-house manufacturing and inspection tolerances. Our state-of-the-art grinding equipment and knowledgeable staff ensure attention to detail for quick response, service, and turnaround. From aluminum to titanium, our metal cutting tools are engineered for precision and endurance in demanding environments. Whether you’re cutting wood, non-ferrous metals, or tough alloys, our tools are built to perform.

Need a source for standard and/or custom-profiled inserts, brazed cutters, insert cutters and much, much more...give us a call, we do it all.

Call for more information, or visit us online at www.misenheimerinc.com



MISENHEIMER INC.

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CUSTOM TOOLING

DESIGNED SPECIFICALLY FOR YOUR NEEDS

Introducing the latest addition to Misenheimer: high-performance carbide cutting tools, engineered to meet the exacting standards of the medical, aerospace, and many other precision manufacturing industries.

Building upon our legacy of precision and innovation, Misenheimer now offers a diverse range of both standard and fully custom carbide tools designed to tackle the most demanding metal cutting applications. Whether you're machining intricate medical components, aerospace-grade materials, or other complex parts, our tools deliver unmatched accuracy, strength, and durability.

Misenheimer provides solutions for a wide range of machining operations—including turning, milling, drilling, reaming, and threading—with specialized expertise in custom turning tools, complex milling geometries, precision form tools, and tooling for intricate and non-standard shapes. Every tool is engineered to meet your specific requirements and optimized for performance across a variety of materials. We will design your tools from the most simple sketch or detailed print, ensuring your vision is translated into high-performance tooling with precision and care.

Explore our new catalog to discover engineered solutions that increase metal removal rates, improve surface finish quality, extend tool life, and enhance operational throughput. Whether you need large or small quantities, no project is too small—our team is ready to deliver precision tooling tailored to your exact specifications.

Experience the Misenheimer difference—where advanced engineering meets uncompromising performance and innovation drives the future of cutting technology.



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Mission Statement

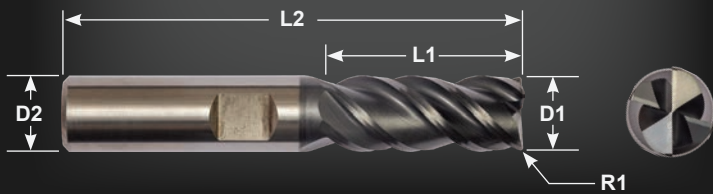
Guarantee 22

SERIES
298000
218000
218000M

HIGH PERFORMANCE MILLING

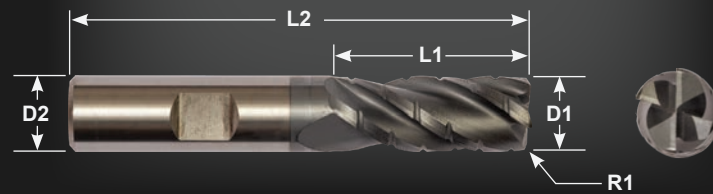


- Anti Vibration Style
- TiALN Coating
- 45° Helix
- Unequal Index
- Super Sub-Micrograin Solid Carbide
- 4 and 5 Flute
- Right Hand Cutting
- Center Cutting
- Weldon Flat (1/2" and Above)
- AV Series



ITEM NUMBER	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2	CORNER RADIUS - R1	NUMBER OF FLUTES
298408	1/8	1/4	1/8	2	.015	4
218408	1/8	5/8	1/8	2	.015	4
218408M	1/8	7/8	1/8	2-1/2	.015	4
298412	3/16	3/8	3/16	2	.015	4
218412	3/16	3/4	3/16	2	.015	4
218412M	3/16	1	3/16	2-1/2	.015	4
298416	1/4	1/2	1/4	2	.015	4
218416	1/4	7/8	1/4	2-1/2	.015	4
218416M	1/4	1-1/4	1/4	3	.015	4
298420	5/16	1/2	5/16	2	.020	4
218420	5/16	7/8	5/16	2-1/2	.020	4
218420M	5/16	1-1/4	5/16	3	.020	4
298424	3/8	5/8	3/8	2	.020	4
218424	3/8	7/8	3/8	2-1/2	.020	4
218424M	3/8	1-1/4	3/8	3	.020	4
298428	7/16	5/8	7/16	2-3/4	.020	4
218428	7/16	7/8	7/16	2-3/4	.020	4
218428M	7/16	1-3/4	7/16	4	.020	4
298432	1/2	5/8	1/2	2-1/2	.025	4
218432	1/2	1-1/4	1/2	3	.025	4
218432M	1/2	2	1/2	4	.025	4
298540	5/8	3/4	5/8	3	.030	5
218540	5/8	2	5/8	4	.030	5
218540M	5/8	2-1/2	5/8	5	.030	5
298548	3/4	1	3/4	3	.030	5
218548	3/4	2	3/4	4	.030	5
218548M	3/4	2-1/2	3/4	5	.030	5
218564	1	2	1	4	.030	5
218564M	1	2-1/2	1	5	.030	5

ITEM NUMBER	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2	CORNER RADIUS - R1	NUMBER OF FLUTES
498408	1/8	1/8	1/4	2	.015	4
418408	1/8	1/8	5/8	2	.015	4
418408M	1/8	1/8	7/8	2-1/2	.015	4
498412	3/16	3/16	3/8	2	.015	4
418412	3/16	3/16	3/4	2	.015	4
418412M	3/16	3/16	1	2-1/2	.015	4
498416	1/4	1/4	1/2	2	.015	4
418416	1/4	1/4	7/8	2-1/2	.015	4
418416M	1/4	1/4	1-1/4	3	.015	4
498420	5/16	5/16	1/2	2	.015	4
418420	5/16	5/16	7/8	2-1/2	.015	4
418420M	5/16	5/16	1-1/4	3	.015	4
498424	3/8	3/8	5/8	2	.020	4
418424	3/8	3/8	7/8	2-1/2	.020	4
418424M	3/8	3/8	1-1/4	3	.020	4
498428	7/16	7/16	5/8	2-3/4	.020	4
418428	7/16	7/16	7/8	2-3/4	.020	4
418428M	7/16	7/16	2	4	.020	4
498432	1/2	1/2	5/8	2-1/2	.030	4
418432	1/2	1/2	1-1/4	3	.030	4
418432M	1/2	1/2	2	4	.030	4
498440	5/8	5/8	3/4	3	.030	4
418440	5/8	5/8	1-3/4	4	.030	4
418440M	5/8	5/8	2-1/2	5	.030	4
498548	3/4	3/4	1	3	.035	5
418548	3/4	3/4	1-3/4	4	.035	5
418548M	3/4	3/4	2-1/2	5	.035	5
418564	1	1	1-3/4	4	.035	5
418564M	1	1	2-1/2	5	.035	5



- Anti Vibration Style
- TiALN Coating
- 35° Helix
- Unequal Index
- Super Sub-Micrograin Solid Carbide
- 4 and 5 Flute
- Right Hand Cutting
- Center Cutting
- Weldon Flat (1/2" and Above)
- AV Series

SERIES
498000
418000
418000M

ROUGHER/FINISHER END MILLS
(CHIP BREAKING)



SERIES
398000
328000
328000M
ROUGHING END MILLS



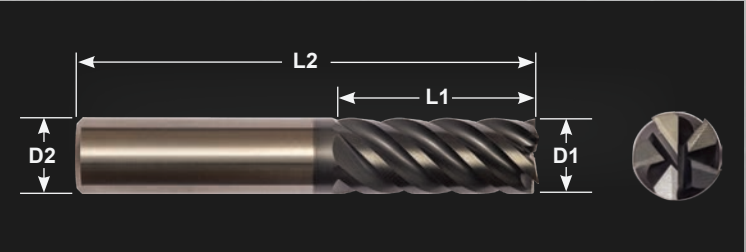
ITEM NUMBER	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2	CORNER RADIUS - R1	NUMBER OF FLUTES
398308	1/8	1/4	1/8	2	.015	3
328308	1/8	5/8	1/8	2	.015	3
328308M	1/8	7/8	1/8	2-1/2	.015	3
398312	3/16	3/8	3/16	2	.015	3
328312	3/16	3/4	3/16	2	.015	3
328312M	3/16	1	3/16	2-1/2	.015	3
398316	1/4	1/2	1/4	2	.015	3
328316	1/4	7/8	1/4	2-1/2	.015	3
328316M	1/4	1-1/4	1/4	3	.015	3
398420	5/16	1/2	5/16	2	.015	4
328420	5/16	7/8	5/16	2-1/2	.015	4
328420M	5/16	1-1/4	5/16	3	.015	4
398424	3/8	5/8	3/8	2	.020	4
328424	3/8	7/8	3/8	2-1/2	.020	4
328424M	3/8	1-1/4	3/8	3	.020	4
398428	7/16	5/8	7/16	2-3/4	.020	4
328428	7/16	7/8	7/16	2-3/4	.020	4
328428M	7/16	2	7/16	4	.020	4
398432	1/2	5/8	1/2	2-1/2	.030	4
328432	1/2	1-1/4	1/2	3	.030	4
328432M	1/2	2	1/2	4	.030	4
398440	5/8	3/4	5/8	3	.030	4
328440	5/8	1-3/4	5/8	4	.030	4
328440M	5/8	2-1/2	5/8	5	.030	4
398548	3/4	1	3/4	3	.035	5
328548	3/4	1-3/4	3/4	4	.035	5
328548M	3/4	2-1/2	3/4	5	.035	5
328564	1	1-3/4	1	4	.035	5
328564M	1	2-1/2	1	5	.035	5

L1, L2, D1, D2, R1

- Anti Vibration Style
 - TiALN Coating
 - 35° Helix
 - Unequal Index
 - Super Sub-Micrograin Solid Carbide
- 4 and 5 Flute
 - Right Hand Cutting
 - Center Cutting
 - Weldon Flat (1/2" and Above)
 - AV Series

5 FLUTE PART NUMBER	6 FLUTE PART NUMBER	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2
958508	978608	1/8	1/4	1/8	2
058508	078608	1/8	1/2	1/8	2
058508M	078608M	1/8	7/8	1/8	2
058508L	078608L	1/8	1-1/4	1/8	3
958512	978612	3/16	3/8	3/16	2
058512	078612	3/16	3/4	3/16	2
058512M	078612M	3/16	1	3/16	2
058512L	078612L	3/16	1-3/8	3/16	3
958516	978616	1/4	1/2	1/4	2
058516	078616	1/4	7/8	1/4	2-1/2
058516M	078616M	1/4	1-1/8	1/4	3
058516L	078616L	1/4	1-3/4	1/4	4
958520	978620	5/16	1/2	5/16	2
058520	078620	5/16	7/8	5/16	2-1/2
058520M	078620M	5/16	1-1/4	5/16	3
058520L	078620L	5/16	1-7/8	5/16	4
958524	978624	3/8	5/8	3/8	2
058524	078624	3/8	7/8	3/8	2-1/2
058524M	078624M	3/8	1-3/8	3/8	3
058524L	078624L	3/8	2-1/4	3/8	4
958528	978628	7/16	5/8	7/16	2-3/4
058528	078628	7/16	7/8	7/16	2-3/4
058528M	078628M	7/16	2	7/16	4
058528L	078628L	7/16	3-1/2	7/16	6
958532	978632	1/2	7/8	1/2	2-1/2
058532	078632	1/2	1-1/4	1/2	3
058532M	078632M	1/2	2	1/2	4
058532L	078632L	1/2	3-1/2	1/2	6
958540	978640	5/8	3/4	5/8	3
058540	078640	5/8	2	5/8	4
058540M	078640M	5/8	2-1/2	5/8	5
058540L	078640L	5/8	3-1/2	5/8	6
958548	978648	3/4	1	3/4	3
058548	078648	3/4	2	3/4	4
058548M	078648M	3/4	2-1/2	3/4	5
058548L	078648L	3/4	3-1/2	3/4	6
058564	078664	1	2	1	4
058564M	078664M	1	2-1/2	1	5
058564L	078664L	1	3-1/2	1	6

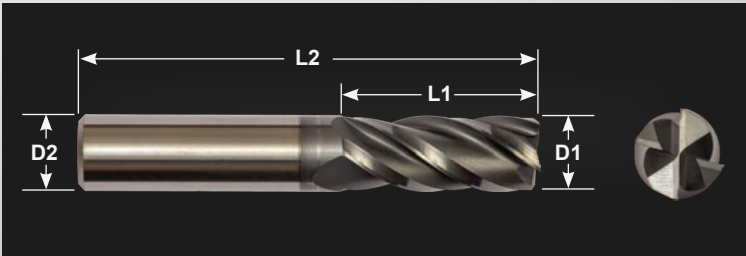
SERIES
958000 | 978000
058000 | 058000M
058000L | 078000
078000M | 078000L
45° HELIX FINISHING



- TiALN Coating
 - 45° Helix
 - Unequal Index
 - Super Sub-Micrograin Solid Carbide
- 5 and 6 Flute
 - Right Hand Cutting
 - Center Cutting



SERIES
098000 | 018000
018000M | 018000XL
GENERAL PURPOSE END MILLS
(SQUARE END)



- Anti Vibration Style
- TiALN Coating
- 35° Helix
- Unequal Index
- Super Sub-Micrograin Solid Carbide
- 2 and 4 Flute
- Right Hand Cutting
- Center Cutting
- AV Series

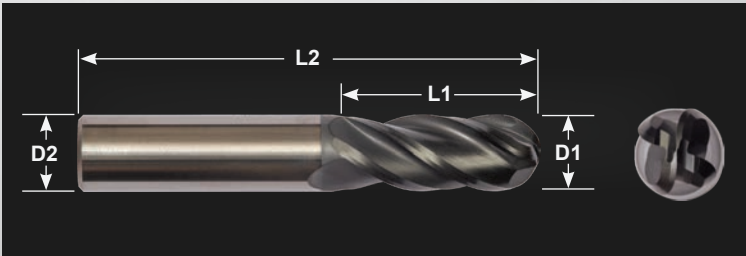
GENERAL PURPOSE END MILLS (SQUARE END)

2 FLUTE PART NUMBER	4 FLUTE PART NUMBER	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2
n/a	098402	1/32	1/16	1/8	2
018202	018402	1/32	3/32	1/8	2
n/a	098403	3/64	3/32	1/8	2
018203	018403	3/64	1/8	1/8	2
n/a	098404	1/16	1/8	1/8	2
018204	018404	1/16	1/4	1/8	2
018205	018405	5/64	1/4	1/8	2
n/a	098406	3/32	3/16	1/8	2
018206	018406	3/32	3/8	1/8	2
018207	018407	7/64	3/8	1/8	2
n/a	098408	1/8	1/4	1/8	2
018208	018408	1/8	1/2	1/8	2
018208M	018408M	1/8	7/8	1/8	2
018208L	018408L	1/8	1-1/4	1/8	3
018209	018409	9/64	5/8	3/16	2
n/a	098410	5/32	5/16	3/16	2
018210	018410	5/32	5/8	3/16	2
018211	018411	11/64	5/8	3/16	2
n/a	098412	3/16	3/8	3/16	2
018212	018412	3/16	5/8	3/16	2
018212M	018412M	3/16	1	3/16	2
018212L	018412L	3/16	1-3/8	3/16	3
018213	018413	13/64	3/4	1/4	2-1/2
n/a	098414	7/32	7/16	1/4	2
018214	018414	7/32	3/4	1/4	2-1/2
018215	018415	15/64	3/4	1/4	2-1/2
n/a	098416	1/4	1/2	1/4	2
018216	018416	1/4	7/8	1/4	2-1/2
018216M	018416M	1/4	1-1/8	1/4	3
018216L	018416L	1/4	1-3/4	1/4	4
018217	018417	17/64	7/8	5/16	2-1/2
018218	018418	9/32	7/8	5/16	2-1/2
018219	018419	19/64	7/8	5/16	2-1/2
n/a	098420	5/16	1/2	5/16	2
018220	018420	5/16	7/8	5/16	2-1/2
018220M	018420M	5/16	1-1/4	5/16	3

2 FLUTE PART NUMBER	4 FLUTE PART NUMBER	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2
018220L	018420L	5/16	1-7/8	5/16	4
018221	018421	21/64	7/8	3/8	2-1/2
018222	018422	11/32	7/8	3/8	2-1/2
018223	018423	23/64	7/8	3/8	2-1/2
n/a	098424	3/8	5/8	3/8	2
018224	018424	3/8	7/8	3/8	2-1/2
018224M	018424M	3/8	1-3/8	3/8	3
018224L	018424L	3/8	2-1/4	3/8	4
018225	018425	25/64	7/8	7/16	2-3/4
018226	018426	13/32	7/8	7/16	2-3/4
018227	018427	27/64	7/8	7/16	2-3/4
n/a	098428	7/16	5/8	7/16	2-3/4
018228	018428	7/16	1	7/16	2-3/4
018228M	018428M	7/16	2	7/16	4
018228L	018428L	7/16	3-1/2	7/16	6
018229	018429	29/64	1	1/2	3
018230	018430	15/32	1	1/2	3
018231	018431	31/64	1	1/2	3
n/a	098432	1/2	5/8	1/2	2-1/2
018232	018432	1/2	1-1/4	1/2	3
018232M	018432M	1/2	2	1/2	4
018232L	018432L	1/2	3-1/2	1/2	6
018236	018436	9/16	1-1/2	9/16	3-1/2
n/a	098440	5/8	3/4	5/8	3
018240	018440	5/8	1-1/2	5/8	3-1/2
018240M	018440M	5/8	2-1/2	5/8	5
018240L	018440L	5/8	3-1/2	5/8	6
018244	018444	11/16	1-3/4	3/4	4
n/a	098448	3/4	1	3/4	3
018248	018448	3/4	1-3/4	3/4	4
018248M	018448M	3/4	2-1/2	3/4	5
018248L	018448L	3/4	3-1/2	3/4	6
018256	018456	7/8	1-3/4	7/8	4
018264	018464	1	1-3/4	1	4
018264M	018464M	1	2-1/2	1	5
018264L	018464L	1	3-1/2	1	6



SERIES
088000 | 048000
048000M | 048000XL
BALL ENDED (FULL RADIUS)
END MILLS



- Anti Vibration Style
- TiALN Coating
- 35° Helix
- Unequal Index
- Super Sub-Micrograin Solid Carbide
- 2 and 4 Flute
- Right Hand Cutting
- Center Cutting
- AV Series

BALL ENDED (FULL RADIUS) END MILLS

2 FLUTE PART NUMBER	4 FLUTE PART NUMBER	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2
048202	048402	1/32	3/32	1/8	2
048203	048403	3/64	1/8	1/8	2
n/a	088404	1/16	1/8	1/8	2
048204	048404	1/16	1/4	1/8	2
048205	048405	5/64	1/4	1/8	2
n/a	088406	3/32	3/16	1/8	2
048206	048406	3/32	3/8	1/8	2
048207	048407	7/64	3/8	1/8	2
n/a	088408	1/8	1/4	1/8	2
048208	048408	1/8	1/2	1/8	2
048208M	048408M	1/8	7/8	1/8	2
048208L	048408L	1/8	1-14	1/8	3
048209	048409	9/64	5/8	3/16	2
n/a	088410	5/32	5/16	3/16	2
048210	048410	5/32	5/8	3/16	2
048211	048411	11/64	5/8	3/16	2
n/a	088412	3/16	3/8	3/16	2
048212	048412	3/16	5/8	3/16	2
048212M	048412M	3/16	1	3/16	2
048212L	048412L	3/16	1-3/8	3/16	3
048213	048413	13/64	3/4	1/4	2-1/2
n/a	088414	7/32	7/16	1/4	2
048214	048414	7/32	3/4	1/4	2-1/2
048215	048415	15/64	3/4	1/4	2-1/2
n/a	088416	1/4	1/2	1/4	2
048216	048416	1/4	7/8	1/4	2-1/2
048216M	048416M	1/4	1-1/8	1/4	3
048216L	048416L	1/4	1-3/4	1/4	4
048217	048417	17/64	7/8	5/16	2-1/2
048218	048418	9/32	7/8	5/16	2-1/2
048219	048419	19/64	7/8	5/16	2-1/2
n/a	088420	5/16	1/2	5/16	2
048220	048420	5/16	7/8	5/16	2-1/2
048220M	048420M	5/16	1-1/4	5/16	3
048220L	048420L	5/16	1-7/8	5/16	4

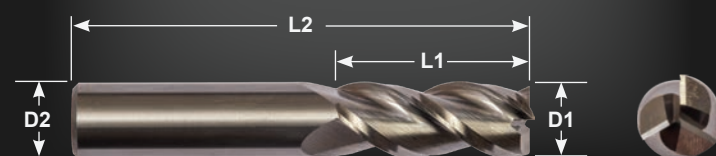
2 FLUTE PART NUMBER	4 FLUTE PART NUMBER	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2
048221	048421	21/64	7/8	3/8	2-1/2
048222	048422	11/32	7/8	3/8	2-1/2
048223	048423	23/64	7/8	3/8	2-1/2
n/a	088424	3/8	5/8	3/8	2
048224	048424	3/8	7/8	3/8	2-1/2
048224M	048424M	3/8	1-3/8	3/8	3
048224L	048424L	3/8	2-1/4	3/8	4
048225	048425	25/64	7/8	7/16	2-3/4
048226	048426	13/32	7/8	7/16	2-3/4
048227	048427	27/64	7/8	7/16	2-3/4
n/a	088428	7/16	5/8	7/16	2-3/4
048228	048428	7/16	7/8	7/16	2-3/4
048228M	048428M	7/16	2	7/16	4
048228L	048428L	7/16	3-1/2	7/16	6
048229	048429	29/64	7/8	1/2	3
048230	048430	15/32	1	1/2	3
048231	048431	31/64	1	1/2	3
n/a	088432	1/2	5/8	1/2	2-1/2
048232	048432	1/2	1-1/4	1/2	3
048232M	048432M	1/2	2	1/2	4
048232L	048432L	1/2	3-1/2	1/2	6
048236	048436	9/16	1-1/2	9/16	3-1/2
n/a	088440	5/8	3/4	5/8	3
048240	048440	5/8	1-3/4	5/8	4
048240M	048440M	5/8	2-1/2	5/8	5
048240L	048440L	5/8	3-1/2	5/8	6
048244	048444	11/16	1-3/4	3/4	4
n/a	088448	3/4	1	3/4	3
048248	048448	3/4	1-3/4	3/4	4
048248M	048448M	3/4	2-1/2	3/4	5
048248L	048448L	3/4	3-1/2	3/4	6
048256	048456	7/8	1-3/4	7/8	4
048264	048464	1	1-3/4	1	4
048264M	048464M	1	2-1/2	1	5
048264L	048464L	1	3-1/2	1	6

SERIES**930000****030000****030000L**

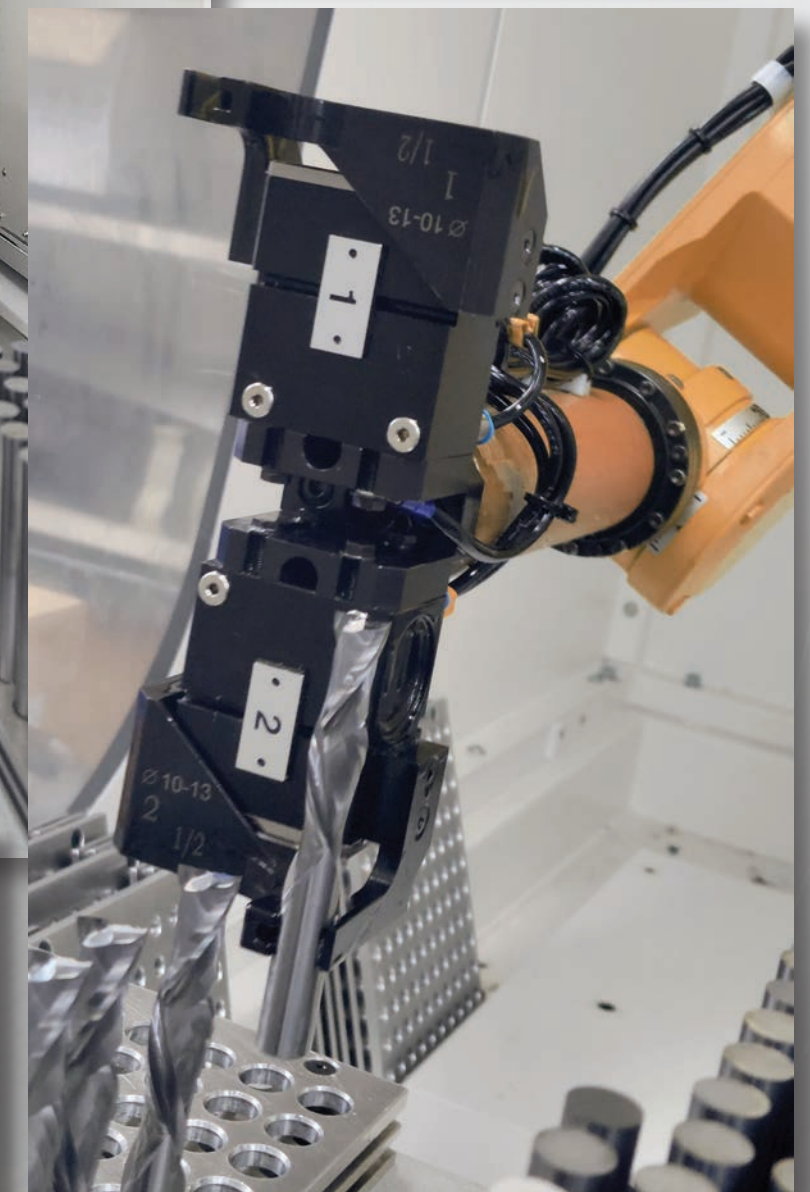
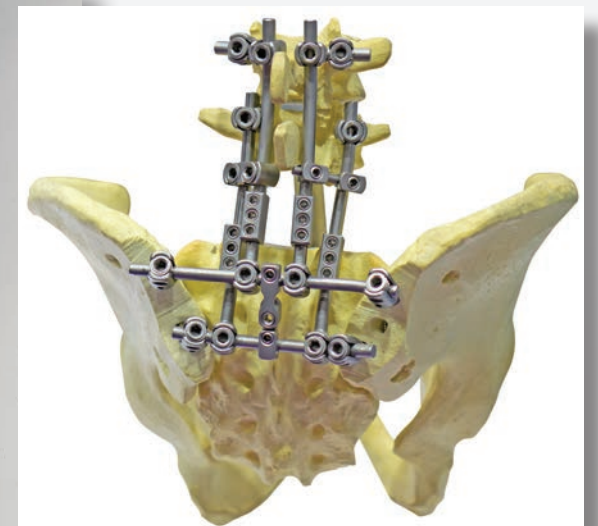
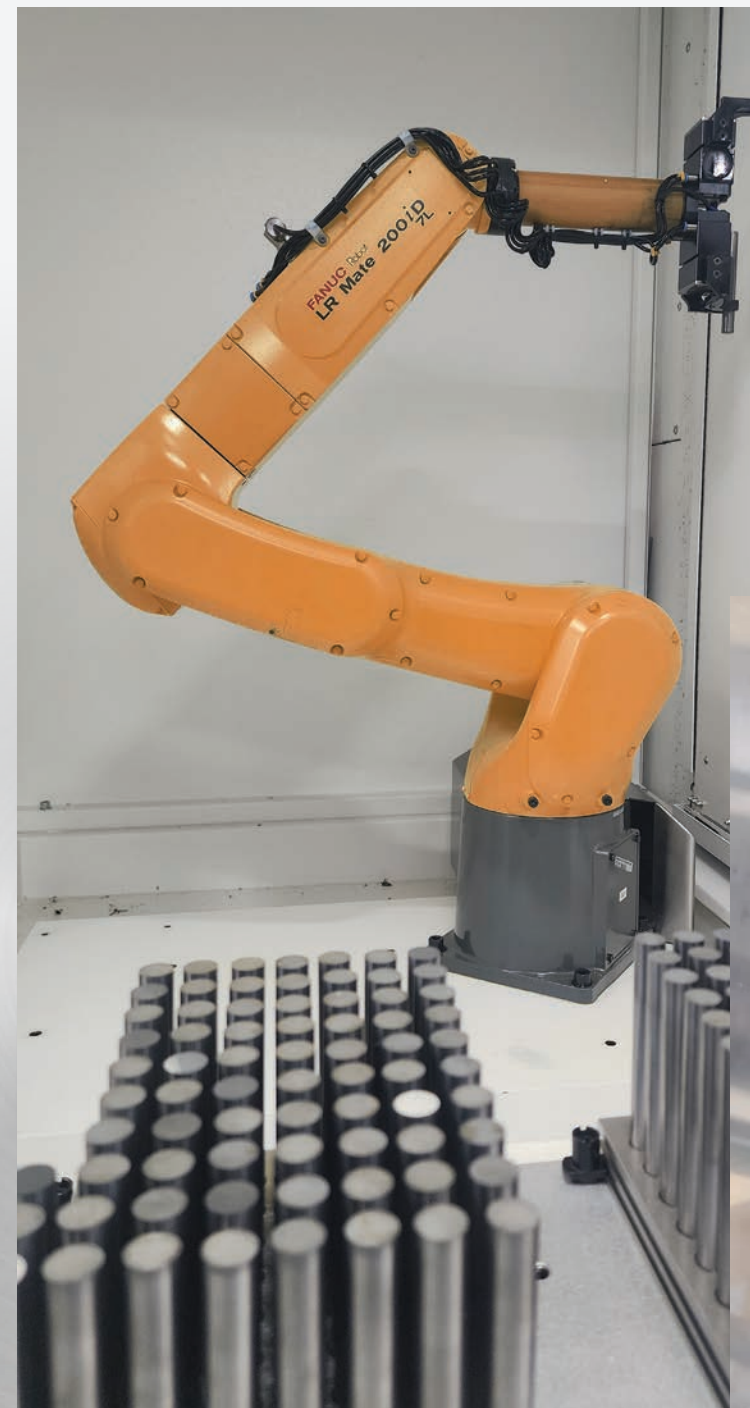
ALUMINUM CUTTING END MILLS



ITEM NUMBER	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2	NUMBER OF FLUTES
930216	1/4	5/8	1/4	2	2
030216	1/4	1	1/4	2-1/2	2
030216L	1/4	1-1/2	1/4	3	2
930224	3/8	5/8	3/8	2	2
030224	3/8	1	3/8	2-1/2	2
030224L	3/8	1-1/2	3/8	3	2
930332	1/2	3/4	1/2	2-1/2	3
030332	1/2	1-1/4	1/2	3	3
030332L	1/2	2	1/2	4	3
930340	5/8	7/8	5/8	3	3
030340	5/8	1-3/4	5/8	4	3
030340L	5/8	3	5/8	5	3
930348	3/4	1-1/8	3/4	3	3
030348	3/4	2	3/4	4	3
030348L	3/4	3-1/2	3/4	6	3
030364	1	2	1	4	3
030364L	1	3-1/2	1	6	3



- 45° Helix
- Unequal Index
- Super Sub-Micrograin Solid Carbide
- 2 and 3 Flute
- Right Hand Cutting
- Center Cutting



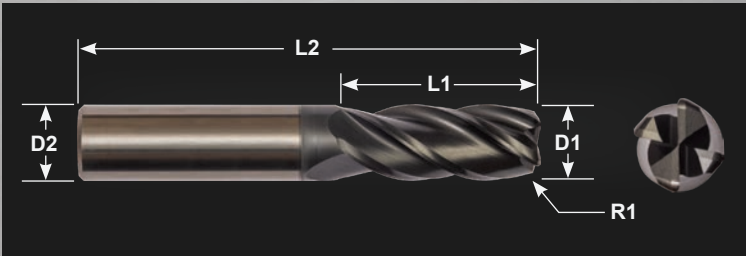


SERIES
018000 - 000
CORNER RADIUS END MILLS

ITEM NUMBER	CORNER RADIUS - R1	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2	NUMBER OF FLUTES
018408-100	0.010	1/8	1/2	1/8	2	4
018408-150	0.015	1/8	1/2	1/8	2	4
018408-200	0.020	1/8	1/2	1/8	2	4
018408-300	0.030	1/8	1/2	1/8	2	4
018408-400	0.040	1/8	1/2	1/8	2	4
018412-100	0.010	3/16	5/8	3/16	2	4
018412-150	0.015	3/16	5/8	3/16	2	4
018412-200	0.020	3/16	5/8	3/16	2	4
018412-300	0.030	3/16	5/8	3/16	2	4
018412-400	0.040	3/16	5/8	3/16	2	4
018416-150	0.015	1/4	7/8	1/4	2-1/2	4
018416-200	0.020	1/4	7/8	1/4	2-1/2	4
018416-300	0.030	1/4	7/8	1/4	2-1/2	4
018416-450	0.045	1/4	7/8	1/4	2-1/2	4
018416-600	0.060	1/4	7/8	1/4	2-1/2	4
018420-150	0.015	5/16	7/8	5/16	2-1/2	4
018420-200	0.020	5/16	7/8	5/16	2-1/2	4
018420-300	0.030	5/16	7/8	5/16	2-1/2	4
018420-450	0.045	5/16	7/8	5/16	2-1/2	4
018420-600	0.060	5/16	7/8	5/16	2-1/2	4
018424-150	0.015	3/8	7/8	3/8	2-1/2	4
018424-200	0.020	3/8	7/8	3/8	2-1/2	4
018424-300	0.030	3/8	7/8	3/8	2-1/2	4
018424-450	0.045	3/8	7/8	3/8	2-1/2	4
018424-600	0.060	3/8	7/8	3/8	2-1/2	4

CORNER RADIUS END MILLS

ITEM NUMBER	CORNER RADIUS - R1	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2	NUMBER OF FLUTES
018432-150	0.015	1/2	1-1/4	1/2	3	4
018432-200	0.020	1/2	1-1/4	1/2	3	4
018432-300	0.030	1/2	1-1/4	1/2	3	4
018432-450	0.045	1/2	1-1/4	1/2	3	4
018432-600	0.060	1/2	1-1/4	1/2	3	4
018432-900	0.090	1/2	1-1/4	1/2	3	4
018432-125	0.125	1/2	1-1/4	1/2	3	4
018440-150	0.015	5/8	1-1/2	5/8	4	4
018440-200	0.020	5/8	1-1/2	5/8	4	4
018440-300	0.030	5/8	1-1/2	5/8	4	4
018440-450	0.045	5/8	1-1/2	5/8	4	4
018440-600	0.060	5/8	1-1/2	5/8	4	4
018440-900	0.090	5/8	1-1/2	5/8	4	4
018440-125	0.125	5/8	1-1/2	5/8	4	4
018448-600	0.060	3/4	1-3/4	3/4	4	4
018448-900	0.090	3/4	1-3/4	3/4	4	4
018448-125	0.125	3/4	1-3/4	3/4	4	4
018448-187	0.187	3/4	1-3/4	3/4	4	4
018448-250	0.250	3/4	1-3/4	3/4	4	4
018464-900	0.090	1	1-3/4	1	4	4
018464-125	0.125	1	1-3/4	1	4	4
018464-187	0.187	1	1-3/4	1	4	4
018464-250	0.250	1	1-3/4	1	4	4
018464-375	0.375	1	1-3/4	1	4	4



- Anti Vibration Style
- TiALN Coating
- 35° Helix
- Unequal Index
- Super Sub-Micrograin Solid Carbide
- 4 Flute
- Right Hand Cutting
- Center Cutting
- AV Series

SERIES
698000
608000
608000M

60° CHAMFER END MILLS



ITEM NUMBER	LENGTH OF 60° ANGLE - L3	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2	NUMBER OF FLUTES
698408	0.108	1/8	7/64	1/8	2	4
608408	0.108	1/8	1/4	1/8	2	4
608408M	0.108	1/8	1/2	1/8	2	4
698412	0.162	3/16	5/32	3/16	2	4
608412	0.162	3/16	3/8	3/16	2	4
608412M	0.162	3/16	5/8	3/16	2	4
698416	0.217	1/4	7/32	1/4	2	4
608416	0.217	1/4	1/2	1/4	2	4
608416M	0.217	1/4	3/4	1/4	2-1/2	4
698424	0.325	3/8	21/64	3/8	2	4
608424	0.325	3/8	5/8	3/8	2	4
608424M	0.325	3/8	7/8	3/8	2-1/2	4
698432	0.433	1/2	7/16	1/2	2-1/2	4
608432	0.433	1/2	7/8	1/2	2-1/2	4
608432M	0.433	1/2	1-1/4	1/2	3	4

- TiALN Coating
- 35° Helix
- Super Sub-Micrograin Solid Carbide
- 4 Flute
- Right Hand Cutting
- Center Cutting

2 FLUTE PART NUMBER	4 FLUTE PART NUMBER	LENGTH OF 82° ANGLE - L3	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2
898206	898406	0.054	3/32	1/16	1/8	2
828206	828406	0.054	3/32	9/64	1/8	2
828206M	828406M	0.054	3/32	3/8	1/8	2
898208	898408	0.071	1/8	5/64	1/8	2
828208	828408	0.071	1/8	3/16	1/8	2
828208M	828408M	0.071	1/8	1/2	1/8	2
898212	898412	0.107	3/16	7/64	3/16	2
828212	828412	0.107	3/16	9/32	3/16	2
828212M	828412M	0.107	3/16	5/8	3/16	2
898216	898416	0.143	1/4	9/64	1/4	2
828216	828416	0.143	1/4	3/8	1/4	2
828216M	828416M	0.143	1/4	3/4	1/4	2-1/2
898220	898420	0.179	5/16	11/64	5/16	2
828220	828420	0.179	5/16	15/32	5/16	2
828220M	828420M	0.179	5/16	13/16	5/16	2-1/2
898224	898424	0.215	3/8	7/32	3/8	2
828224	828424	0.215	3/8	9/16	3/8	2
828224M	828424M	0.215	3/8	7/8	3/8	2-1/2
898232	898432	0.287	1/2	9/32	1/2	2-1/2
828232	828432	0.287	1/2	5/8	1/2	2-1/2
828232M	828432M	0.287	1/2	1	1/2	3
898240	898440	0.359	5/8	23/64	5/8	3
828240	828440	0.359	5/8	3/4	5/8	3
828240M	828440M	0.359	5/8	1-1/4	5/8	3-1/2
898248	898448	0.431	3/4	7/16	3/4	3
828248	828448	0.431	3/4	1	3/4	3
828248M	828448M	0.431	3/4	1-1/2	3/4	4

- TiALN Coating
- 35° Helix
- Super Sub-Micrograin Solid Carbide
- 2 and 4 Flute
- Right Hand Cutting
- Center Cutting

SERIES
898000
828000
828000M

82° CHAMFER END MILLS

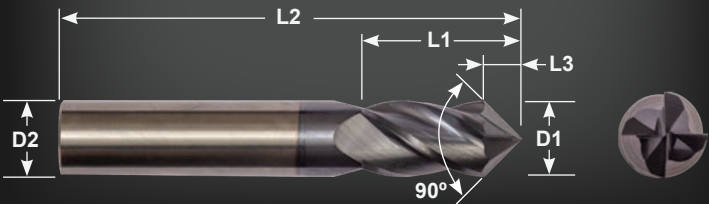


SERIES
998000
908000
908000M

90° CHAMFER END MILLS



- TiALN Coating
- 35° Helix
- Super Sub-Micrograin Solid Carbide
- 2 and 4 Flute
- Right Hand Cutting
- Center Cutting



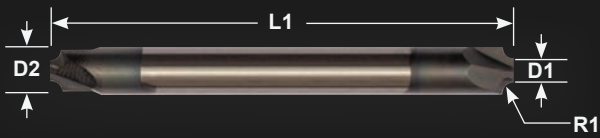
2 FLUTE PART NUMBER	4 FLUTE PART NUMBER	LENGTH OF 90° ANGLE - L3	CUTTING DIAMETER - D1	LENGTH OF CUT - L1	SHANK DIAMETER - D2	OVERALL LENGTH - L2
998206	998406	0.047	3/32	3/64	1/8	2
908206	908406	0.047	3/32	9/64	1/8	2
908206M	908406M	0.047	3/32	3/8	1/8	2
998208	998408	0.063	1/8	1/16	1/8	2
908208	908408	0.063	1/8	3/16	1/8	2
908208M	908408M	0.063	1/8	1/2	1/8	2
998212	998412	0.094	3/16	3/32	3/16	2
908212	908412	0.094	3/16	9/32	3/16	2
908212M	908412M	0.094	3/16	5/8	3/16	2
998216	998416	0.125	1/4	1/8	1/4	2
908216	908416	0.125	1/4	3/8	1/4	2
908216M	908416M	0.125	1/4	3/4	1/4	2-1/2
998220	998420	0.156	5/16	5/32	5/16	2
908220	908420	0.156	5/16	15/32	5/16	2
908220M	908420M	0.156	5/16	13/16	5/16	2-1/2
998224	998424	0.188	3/8	3/16	3/8	2
908224	908424	0.188	3/8	9/16	3/8	2
908224M	908424M	0.188	3/8	7/8	3/8	2-1/2
998232	998432	0.250	1/2	1/4	1/2	2-1/2
908232	908432	0.250	1/2	5/8	1/2	2-1/2
908232M	908432M	0.250	1/2	1	1/2	3
998240	998440	0.313	5/8	5/16	5/8	3
908240	908440	0.313	5/8	3/4	5/8	3
908240M	908440M	0.313	5/8	1-1/4	5/8	3-1/2
998248	998448	0.375	3/4	3/8	3/4	3
908248	908448	0.375	3/4	1	3/4	3
908248M	908448M	0.375	3/4	1-1/2	3/4	4

ITEM NUMBER	CORNER RADIUS - R1	SHANK DIAMETER - D2	OVERALL LENGTH - L2	TIP DIAMETER - D1	NUMBER OF FLUTES
508408-100	0.010	1/8	2	0.105	2
508408-150	0.015	1/8	2	0.095	2
508408-200	0.020	1/8	2	0.085	2
508408-300	0.030	1/8	2	0.065	2
508408-400	0.040	1/8	2	0.055	2
508412-100	0.010	3/16	2	0.168	2
508412-150	0.015	3/16	2	0.158	2
508412-200	0.020	3/16	2	0.148	2
508412-300	0.030	3/16	2	0.128	2
508412-400	0.040	3/16	2	0.108	2
508416-150	0.015	1/4	2-1/2	0.220	2
508416-200	0.020	1/4	2-1/2	0.210	2
508416-300	0.030	1/4	2-1/2	0.190	2
508416-450	0.045	1/4	2-1/2	0.160	2
508416-600	0.060	1/4	2-1/2	0.130	2
508420-150	0.015	5/16	2-1/2	0.283	3
508420-200	0.020	5/16	2-1/2	0.273	3
508420-300	0.030	5/16	2-1/2	0.253	3
508420-450	0.045	5/16	2-1/2	0.223	3
508420-600	0.060	5/16	2-1/2	0.193	3
508424-150	0.015	3/8	2-1/2	0.345	3
508424-200	0.020	3/8	2-1/2	0.335	3
508424-300	0.030	3/8	2-1/2	0.315	3
508424-450	0.045	3/8	2-1/2	0.285	3
508424-600	0.060	3/8	2-1/2	0.255	3
508432-300	0.030	1/2	3	0.440	3
508432-450	0.045	1/2	3	0.410	3
508432-600	0.060	1/2	3	0.380	3
508432-900	0.090	1/2	3	0.320	3
508432-125	0.125	1/2	3	0.250	3
508440-125	0.125	5/8	3	0.375	3
508440-187	0.187	5/8	3	0.250	3
508448-125	0.125	3/4	4	0.500	3
508448-187	0.187	3/4	4	0.375	3
508448-250	0.250	3/4	4	0.250	3
508464-187	0.187	1	4	0.625	3
508464-250	0.250	1	4	0.500	3
508464-375	0.375	1	4	0.250	3

SERIES
508000-000
CORNER ROUNDING TOOLS



- TiALN Coating
- Super Sub-Micrograin Solid Carbide
- 2 and 3 Flute
- Right Hand Cutting
- Double Ended



MISSION STATEMENT

Service, quality, and support are the keys to our mission of servicing the woodworking industry. Through these steps we hope to offer the easiest, most effective, and profitable products and support to our customers.

SERVICE – Misenheimer offers only top notch service to our customers. We create this by quick response to all orders, quotation inquiries, and all other types of requests. Lots of inventory kept in stock to keep backorders to an absolute minimum. Whether items are available from stock, or temporarily out of stock, turn around time is exceptionally better than the competition because all items are manufactured in house, in the U.S.A.

QUALITY – Misenheimer quality is unsurpassed. We begin with top quality carbide, use only state-of-the-art equipment, and maintain rigorous manufacturing and inspection tolerances throughout production. There should never be a concern with your order(s) because items are checked after manufacturing and again before shipping to ensure that you are receiving only the best the industry has to offer.

SUPPORT – Misenheimer offers all aspects of support, such as technical advice (over the phone) to ensure you are purchasing the right tool for the job and application. We also make recommendations for different tool usage to increase production, speeds, improve material finish, and/or lowering costs whenever possible. If the proper technical support cannot be completely resolved over the phone, we also offer on-site assistance at no charge to the customer.

Call us today and see for yourself!

GUARANTEE

MISENHEIMER, INC. guarantees our products against defects in workmanship, materials, and performance; provided the tool has not been incorrectly applied or misused.



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