

MICRO END MILL TOOL CATALOG

Micro sized solid carbide end mills & drills



THE MANUFACTURER ADVANTAGE—

***GET TO KNOW
WHO MAKES
YOUR MICROS***



MELIN TOOL MICRO CATALOG

- » **New Micro 3 Flute Series**
- » Over **3000** MICRO items INSIDE
- » Expanded manufacturing facility & product line



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MICRO TOOL CATALOG

Micro Size Solid Carbide End Mills & Drills



www.melintool.com





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- 2** Flute Micro **Square** End Mill (*Inch & Metric*)
Diameters Range From .005 - .125"
Series: AMG



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- 2** Flute Micro **Ball** End Mill (*Inch & Metric*)
Diameters Range From .005 - .120"
Series: AMG-__-B



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- 3** Flute Micro **Square** End Mill (*Inch & Metric*)
Diameters Range From .010 - .250"
Series: EMG



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- 3** Flute Micro **Ball** End Mill (*Inch & Metric*)
Diameters Range From .010 - .250"
Series: EMG-__-B



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- 4** Flute Micro **Square** End Mill (*Inch & Metric*)
Diameters Range From .005 - .125"
Series: CCMG



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- 4** Flute Micro **Ball** End Mill (*Inch & Metric*)
Diameters Range From .010 - .125"
Series: CCMG-__-B



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- 4** Flute Micro **Radius** End Mill
Diameters Range From .020 - .125"
Series: CCMG-__-R

High Performance



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- 3** FL **Sq & Radius** Variable FL - HP Roughing & Finishing (*Inch & Metric*)
Diameters Range From .031 - .093"
Series: VXMGT

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High Performance

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2 Flute **Ball Nose** For Z- Axis Machining (*Inch & Metric*)
(radius available) Diameters Range From .0156-.250"

Series: HMG1



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4 Flute **CVD Diamond** Coated **Square** End Mill
Diameters Range From .015-.375"

Series: CCMG-__-DIA



53

4 Flute **CVD Diamond** Coated **Ball** End Mill
Diameters Range From .015-.375"

Series: CCMG-__-B-DIA



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4 Flute **CVD Diamond** Coated **Radius** End Mill
Diameters Range From .031-.500"

Series: CCMG-__-R-DIA

Special Use



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2 & 4 Flute **Spherical Ball** End Mill
Diameters Range From 1/32-1/2"

Series: VBMG



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2 Flute **60°, 82°, 90°** Drill Point End Mill
Diameters Range From .015- .250"

Series: AMG-__-DP



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4 Flute **60°, 82°, 90°** Drill Point End Mill
Diameters Range From .031 - .250"

Series: CCMG-__-DP



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2 Flute Double End **Corner Rounders** End Mill
Radius Size From .010 - .156"

Series: BRMG

(For larger diameters, please see full line catalog)



Speed & Feed info available at
www.melintool.com

S E R I E S: V X M G 3 T

3 FLUTE SQ and Radius nACRo COATED END MILLS

3 Flute nACRo Coated end mills, SQ & radius on solid Carbide substrate. It can be used for profiling, profile cutting, slotting, ramping & trochoidal milling. Melin's nACRo coated tools allows for higher SFM and is especially effective in extending tool life. This series has geometry designed to reduce chatter, its unique titanium focused geometry and edge prep enables efficient cutting action. Eccentric relief provides an exceptionally strong cutting edge.



(For larger diameters, please see full line catalog)



- Available from 0.031- 0.093
- Available Square & Radius
- Center cutting
- Inch and Metric offering
- nACRo Coated
- Made from premium submicron grain carbide

ALL LENGTHS - SQUARE END RADIUS

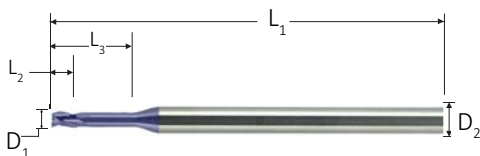
Premium 3 Flute Carbide End Mills. Ideal geometry designed to reduce chatter, universal machining operations. Manufactured in Cleveland, OH.

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S E R I E S: V X M G 3 T

3 FLUTE - HP ROUGHING & FINISHING APPLICATION

(product code PIB)

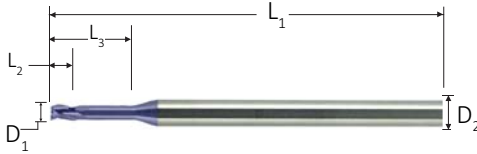


DIA D ₁	SHK D ₂	LOC L ₂	LBS L ₃	OAL L ₁	CORNER	PART NAME	nACRo EDP
.031 (1/32)	1/8	0.046 (1.5x)		1-1/2	0.005	VXMG3T-.031-SF	H6917
.031 (1/32)	1/8	0.046 (1.5x)	0.156	2-1/2	0.005	VXMG3T-.031-SF5	H6918
.031 (1/32)	1/8	0.046 (1.5x)	0.250	2-1/2	0.005	VXMG3T-.031-SF8	H6919
.031 (1/32)	1/8	0.093 (3x)		1-1/2	SQ	VXMG3T-.031-NR	H6920
.031 (1/32)	1/8	0.093 (3x)		1-1/2	0.005	VXMG3T-.031-LF3	H6921
.031 (1/32)	1/8	0.156 (5x)		2-1/2	0.005	VXMG3T-.031-LF5	H6922
.047 (3/64)	1/8	0.070 (1.5x)		1-1/2	0.005	VXMG3T-.047-SF	H6923
.047 (3/64)	1/8	0.070 (1.5x)	0.250	2-1/2	0.005	VXMG3T-.047-SF5	H6924
.047 (3/64)	1/8	0.070 (1.5x)	0.375	2-1/2	0.005	VXMG3T-.047-SF8	H6925
.047 (3/64)	1/8	0.141 (3x)		1-1/2	SQ	VXMG3T-.047-NR	H6926
.047 (3/64)	1/8	0.141 (3x)		1-1/2	0.005	VXMG3T-.047-LF3	H6927
.047 (3/64)	1/8	0.250 (5x)		2-1/2	0.005	VXMG3T-.047-LF5	H6928
.055	1/8	0.083 (1.5x)		1-1/2	0.005	VXMG3T-.055-SF	H6929
.055	1/8	0.165 (3x)		1-1/2	0.005	VXMG3T-.055-LF3	H6930
.055	1/8	0.275 (5x)		1-1/2	0.005	VXMG3T-.055-LF5	H6931
.062 (1/16)	1/8	0.093 (1.5x)		1-1/2	0.010	VXMG3T-.062-SF	H6932
.062 (1/16)	1/8	0.093 (1.5x)	0.312	2-1/2	0.010	VXMG3T-.062-SF5	H6933
.062 (1/16)	1/8	0.093 (1.5x)	0.500	2-1/2	0.010	VXMG3T-.062-SF8	H6934
.062 (1/16)	1/8	0.186 (3x)		1-1/2	SQ	VXMG3T-.062-NR	H6935
.062 (1/16)	1/8	0.186 (3x)		1-1/2	0.010	VXMG3T-.062-LF3	H6936
.062 (1/16)	1/8	0.312 (5x)		2-1/2	0.010	VXMG3T-.062-LF5	H6937
.078 (5/64)	1/8	0.117 (1.5x)		1-1/2	0.010	VXMG3T-.078-SF	H6938
.078 (5/64)	1/8	0.234 (3x)		1-1/2	SQ	VXMG3T-.078-NR	H6939
.078 (5/64)	1/8	0.234 (3x)		1-1/2	0.010	VXMG3T-.078-LF3	H6940
.093 (3/32)	1/8	0.140 (1.5x)		1-1/2	0.010	VXMG3T-.093-SF	H6941
.093 (3/32)	1/8	0.140 (1.5x)	0.500	2-1/2	0.010	VXMG3T-.093-SF5	H6942
.093 (3/32)	1/8	0.140 (1.5x)	0.750	2-1/2	0.010	VXMG3T-.093-SF8	H6943
.093 (3/32)	1/8	0.279 (3x)		1-1/2	SQ	VXMG3T-.093-NR	H6944
.093 (3/32)	1/8	0.279 (3x)		1-1/2	0.010	VXMG3T-.093-LF3	H6945
.093 (3/32)	1/8	0.500 (5x)		2-1/2	0.010	VXMG3T-.093-LF5	H6946



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S E R I E S: **VXMG3T** (metric)



DIA D ₁	SHK D ₂	LOC L ₂	LBS L ₃	OAL L ₁	CORNER	PART NAME	nACro EDP
1.0mm	4mm	1.5mm		50mm	0.10mm	VXMG3T-M1.0-SF	H6947
1.0mm	4mm	1.5mm	5mm	50mm	0.10mm	VXMG3T-M1.0-SF5	H6948
1.0mm	4mm	1.5mm	8mm	50mm	0.10mm	VXMG3T-M1.0-SF8	H6949
1.0mm	4mm	3.0mm		50mm	0.10mm	VXMG3T-M1.0-LF3	H6950
1.5mm	4mm	2.2mm		50mm	0.20mm	VXMG3T-M1.5-SF	H6951
1.5mm	4mm	2.2mm	7.5mm	50mm	0.20mm	VXMG3T-M1.5-SF5	H6952
1.5mm	4mm	2.2mm	12mm	50mm	0.20mm	VXMG3T-M1.5-SF8	H6953
1.5mm	4mm	4.5mm		50mm	0.20mm	VXMG3T-M1.5-LF3	H6954
1.6mm	4mm	2.4mm		50mm	0.20mm	VXMG3T-M1.6-SF	H2074
1.6mm	4mm	5.0mm		50mm	0.20mm	VXMG3T-M1.6-LF3	H6915
2.0mm	4mm	3.0mm		50mm	0.20mm	VXMG3T-M2.0-SF	H6955
2.0mm	4mm	3.0mm	10mm	50mm	0.20mm	VXMG3T-M2.0-SF5	H6956
2.0mm	4mm	3.0mm	16mm	50mm	0.20mm	VXMG3T-M2.0-SF8	H6957
2.0mm	4mm	6.0mm		50mm	0.20mm	VXMG3T-M2.0-LF3	H6958
2.5mm	4mm	3.8mm		50mm	0.20mm	VXMG3T-M2.5-SF	H6916
2.5mm	4mm	7.5mm		50mm	0.20mm	VXMG3T-M2.5-LF3	H6959
3.0mm	4mm	4.5mm		50mm	0.20mm	VXMG3T-M3.0-SF	H6960
3.0mm	4mm	4.5mm	15mm	50mm	0.20mm	VXMG3T-M3.0-SF5	H6961
3.0mm	4mm	9.0mm		50mm	0.20mm	VXMG3T-M3.0-LF3	H6962

S E R I E S: HMG1

Quality ■ Experience ■ Performance

2 FLUTE BALL & RADIUS TiXCo COATED END MILLS



2 Flute TiXCo Coated end mills on solid Carbide substrate. This series is offered in both ball and radius. It is designed for use with multi axis machines on die & mold steels. It's short flute and reinforced core provide added strength. Proprietary coating provides extended tool life. For radius size offering please refer to Melin's full line HP catalog.

(For radius series, please see full line HP catalog)



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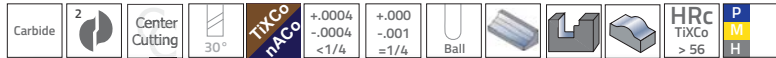
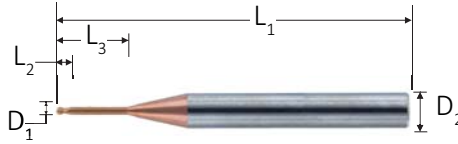
ALL LENGTHS - BALL END RADIUS

Premium 2 Flute Carbide End Mills. Ideal for multi axis machines on Die & Mold Steels. Manufactured in Cleveland, OH.

- Available from 0.0156- 0.250
- Available Ball End & Radius
- Center cutting
- TiXCo Coated
- Made from premium submicron grain carbide



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S E R I E S: **HMG1**

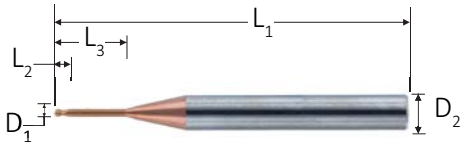
DIA D ₁	SHK D ₂	LOC L ₂	LBS L ₃	OAL L ₁	PART NAME	TiXCo EDP
0.0156 (1/64)	1/4	0.012	0.047	2-1/2	HMG1-.015-SF3-B	H6845
0.0156 (1/64)	1/4	0.012	0.078	2-1/2	HMG1-.015-SF5-B	H6846
0.0156 (1/64)	1/4	0.012	0.187	2-1/2	HMG1-.015-SF8-B	H7180
0.0200	1/4	0.016	0.062	2-1/2	HMG1-.020-SF3-B	H6847
0.0200	1/4	0.016	0.100	2-1/2	HMG1-.020-SF5-B	H6848
0.0313 (1/32)	1/4	0.025	0.093	2-1/2	HMG1-.031-SF3-B	H6849
0.0313 (1/32)	1/4	0.025	0.156	2-1/2	HMG1-.031-SF5-B	H6851
0.0313 (1/32)	1/4	0.025	0.250	2-1/2	HMG1-.031-SF8-B	H6853
0.0313 (1/32)	1/4	0.025	0.375	2-1/2	HMG1-.031-SF12-B	H7181
0.0394 (1mm)	1/4	0.031	0.117	2-1/2	HMG1-.039-SF3-B	H6855
0.0394 (1mm)	1/4	0.031	0.203	2-1/2	HMG1-.039-SF5-B	H6856
0.0394 (1mm)	1/4	0.031	0.312	2-1/2	HMG1-.039-SF8-B	H6857
0.0469 (3/64)	1/4	0.038	0.141	2-1/2	HMG1-.047-SF3-B	H6858
0.0469 (3/64)	1/4	0.038	0.250	2-1/2	HMG1-.047-SF5-B	H6859
0.0469 (3/64)	1/4	0.038	0.375	2-1/2	HMG1-.047-SF8-B	H6860
0.0469 (3/64)	1/4	0.038	0.564	2-1/2	HMG1-.047-SF12-B	H7182
0.0625 (1/16)	1/4	0.050	0.187	2-1/2	HMG1-.062-SF3-B	H6861
0.0625 (1/16)	1/4	0.050	0.312	2-1/2	HMG1-.062-SF5-B	H7175
0.0625 (1/16)	1/4	0.050	0.500	2-1/2	HMG1-.062-SF8-B	H7176
0.0625 (1/16)	1/4	0.050	0.750	3	HMG1-.062-SF12-B	H7183
0.0781 (5/64)	1/4	0.062	0.234	2-1/2	HMG1-.078-SF3-B	H6986
0.0781 (5/64)	1/4	0.062	0.406	2-1/2	HMG1-.078-SF5-B	H6987
0.0781 (5/64)	1/4	0.062	0.625	2-1/2	HMG1-.078-SF8-B	H6988
0.0938 (3/32)	1/4	0.074	0.281	2-1/2	HMG1-.093-SF3-B	H6989
0.0938 (3/32)	1/4	0.074	0.500	2-1/2	HMG1-.093-SF5-B	H7046
0.0938 (3/32)	1/4	0.074	0.750	2-1/2	HMG1-.093-SF8-B	H7047
0.0938 (3/32)	1/4	0.074	1.125	3	HMG1-.093-SF12-B	H7305
0.1181 (3mm)	1/4	0.094	0.354	2-1/2	HMG1-.118-SF3-B	H7048
0.1181 (3mm)	1/4	0.094	0.625	2-1/2	HMG1-.118-SF5-B	H7049
0.1250 (1/8)	1/4	0.100	0.375	2-1/2	HMG1-.125-SF3-B	H7050
0.1250 (1/8)	1/4	0.100	0.625	2-1/2	HMG1-.125-SF5-B	H7051
0.1250 (1/8)	1/4	0.100	1.000	2-1/2	HMG1-.125-SF8-B	H7052
0.1875 (3/16)	1/4	0.150	0.570	2-1/2	HMG1-.187-SF3-B	H7272
0.1875 (3/16)	1/4	0.150	1.000	2-1/2	HMG1-.187-SF5-B	H7273
0.2500 (1/4)	1/4	0.200	0.750	2-1/2	HMG1-.250-SF3-B	H7274
0.2500 (1/4)	1/4	0.200	1.250	2-1/2	HMG1-.250-SF5-B	H7275



S E R I E S : HMG1

2 FLUTE BALL END FOR Z-AXIS MACHINING

(product code PIB)



DIA D ₁	SHK D ₂	LOC L ₂	LBS L ₃	OAL L ₁	PART NAME	TiXCo EDP
0.5mm	4mm	0.35mm	1.5mm	50mm	HMG1-M0.5-SF3-B	H7234
0.5mm	4mm	0.35mm	2.5mm	50mm	HMG1-M0.5-SF5-B	H7235
0.5mm	4mm	0.35mm	6mm	50mm	HMG1-M0.5-SF12-B	H7236
0.6mm	4mm	0.4mm	1.8mm	50mm	HMG1-M0.6-SF3-B	H7053
0.6mm	4mm	0.4mm	3mm	50mm	HMG1-M0.6-SF5-B	H7054
0.6mm	4mm	0.4mm	4.8mm	50mm	HMG1-M0.6-SF8-B	H7055
0.6mm	4mm	0.4mm	7.2mm	50mm	HMG1-M0.6-SF12-B	H7056
0.8mm	4mm	0.5mm	2.4mm	50mm	HMG1-M0.8-SF3-B	H7237
0.8mm	4mm	0.5mm	4mm	50mm	HMG1-M0.8-SF5-B	H7238
0.8mm	4mm	0.5mm	9.6mm	50mm	HMG1-M0.8-SF12-B	H7239
1mm	4mm	0.8mm	3mm	50mm	HMG1-M1-SF3-B	H7057
1mm	4mm	0.8mm	5mm	50mm	HMG1-M1-SF5-B	H7058
1mm	4mm	0.8mm	8mm	50mm	HMG1-M1-SF8-B	H7059
1mm	4mm	0.8mm	12mm	63mm	HMG1-M1-SF12-B	H7093
1.5mm	4mm	1.35mm	4.5mm	50mm	HMG1-M1.5-SF3-B	H7094
1.5mm	4mm	1.35mm	7.5mm	50mm	HMG1-M1.5-SF5-B	H7095
1.5mm	4mm	1.35mm	12mm	63mm	HMG1-M1.5-SF8-B	H7096
1.5mm	4mm	1.35mm	18mm	63mm	HMG1-M1.5-SF12-B	H7097
2mm	4mm	1.7mm	6mm	50mm	HMG1-M2-SF3-B	H7098
2mm	4mm	1.7mm	10mm	50mm	HMG1-M2-SF5-B	H7099
2mm	4mm	1.7mm	16mm	63mm	HMG1-M2-SF8-B	H7100
2mm	4mm	1.7mm	24mm	63mm	HMG1-M2-SF12-B	H7101
2.5mm	4mm	2mm	7.5mm	50mm	HMG1-M2.5-SF3-B	H7102
2.5mm	4mm	2mm	12.5mm	63mm	HMG1-M2.5-SF5-B	H7103
2.5mm	4mm	2mm	20mm	63mm	HMG1-M2.5-SF8-B	H7104
2.5mm	4mm	2mm	30mm	63mm	HMG1-M2.5-SF12-B	H7105
3mm	6mm	2.5mm	9mm	63mm	HMG1-M3-SF3-B	H7106
3mm	6mm	2.5mm	15mm	63mm	HMG1-M3-SF5-B	H7107
3mm	6mm	2.5mm	24mm	75mm	HMG1-M3-SF8-B	H7108
4mm	6mm	3mm	12mm	63mm	HMG1-M4-SF3-B	H7109
4mm	6mm	3mm	20mm	63mm	HMG1-M4-SF5-B	H7110
4mm	6mm	3mm	32mm	75mm	HMG1-M4-SF8-B	H7111
5mm	6mm	4mm	15mm	63mm	HMG1-M5-SF3-B	H7173
5mm	6mm	4mm	25mm	75mm	HMG1-M5-SF5-B	H7174
6mm	6mm	5mm	18mm	63mm	HMG1-M6-SF3-B	H7112
6mm	6mm	5mm	30mm	75mm	HMG1-M6-SF5-B	H7113

(For radius series, please see HP catalog)



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S E R I E S: CCMG-__-DIA

4 FLUTE SQ, RADIUS & BALL CVD DIAMOND COATED END MILLS

4 Flute CVD Diamond Coated end mills on solid Carbide substrate. This series is offered in square, radius & ball. It can be used for profiling, slotting, and ramping. Melin's CVD Diamond coated tools provide the optimum productivity in machining graphite and other non-ferrous materials. All tools listed in this series come standard with Melin's premium CVD diamond coating. For uncoated or additional coatings please refer to Melin's full line HP catalog.



(For larger diameters, please see full line HP catalog)



- Available from 0.015- 0.500
- Available Square, Ball End & Radius
- Length of cut 1.5x & 3xD
- Center cutting
- Diamond (CVD) Coated
please refer to page 34 for 4 flute bright parts and additional coating options
- Made from premium submicron grain carbide

ALL LENGTHS - SQUARE END BALL END RADIUS

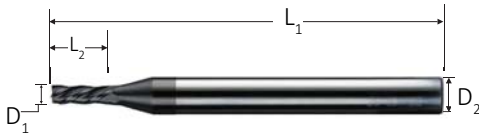
Premium 4 Flute Carbide End Mills. Ideal for profiling and finishing operations in graphite and other non-ferrous materials.
Manufactured in Cleveland, OH.

4 FLUTES

S E R I E S: CCMG-__-DIA

4 FLUTE SQUARE END DIAMOND COATED END MILLS

(product code PIB)



Carbide 6%	4	30°	CVD Diamond	+ .0005 - .0005 < 1/8	+ .000 - .002 ≥ 1/8	Square				
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DIA D ₁	SHK D ₂	LOC L ₂	OAL L ₁	PART NAME	CVD EDP
.015	1/8	.023	1-1/2	CCMGS-.015-DIA	H7778
.015	1/8	.045	1-1/2	CCMG-.015-DIA	H6678
.020	1/8	.060	1-1/2	CCMG-.020-DIA	H6679
.031 (1/32)	1/8	.047	1-1/2	CCMGS-401-DIA	H7761
.031 (1/32)	1/8	.093	1-1/2	CCMG-401-DIA	10061
.039	1/8	.117	1-1/2	CCMG-.039-DIA	H7780
.040	1/8	.120	1-1/2	CCMG-.040-DIA	H6680
.047	1/8	.071	1-1/2	CCMGS-.047-DIA	H7781
.047	1/8	.141	1-1/2	CCMG-.047-DIA	H6681
.050	1/8	.150	1-1/2	CCMG-.050-DIA	H6682
.060	1/8	.180	1-1/2	CCMG-.060-DIA	H6683
.0625 (1/16)	1/8	.093	1-1/2	CCMGS-402-DIA	H7783
.0625 (1/16)	1/8	.186	1-1/2	CCMG-402-DIA	10063
.078	1/8	.117	1-1/2	CCMGS-.078-DIA	H7784
.078	1/8	.234	1-1/2	CCMG-.078-DIA	H6684
.0938 (3/32)	1/8	.140	1-1/2	CCMGS-403-DIA	H7765
.0938 (3/32)	1/8	.279	1-1/2	CCMG-403-DIA	10065
.100	1/8	.300	1-1/2	CCMG-.100-DIA	H6685
.118	1/8	.354	1-1/2	CCMG-.118-DIA	H7471
.125 (1/8)	1/8	.187	1-1/2	CCMGS-.125-DIA	H7772
.125 (1/8)	1/8	.375	1-1/2	CCMG-.125-DIA	H7472
.125 (1/8)	1/8	.500	1-1/2	CCMG-404-DIA	10067
.156	3/16	.470	2	CCMG-.156-DIA	H6686
.1875 (3/16)	3/16	.625	2	CCMG-606-DIA	10069
.250 (1/4)	1/4	.750	2-1/2	CCMG-808-DIA	10071
.3125 (5/16)	5/16	.8125	2-1/2	CCMG-1010-DIA	10073
.375 (3/8)	3/8	1.00	2-1/2	CCMG-1212-DIA	10075



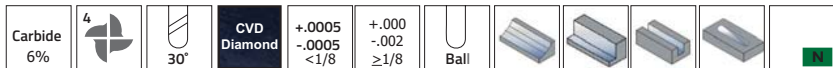
LARGER Sizes In [Full Line Catalog](#)



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SERIES: CCMG-__-B-DIA

4 FLUTE BALL END DIAMOND COATED END MILLS



DIA D ₁	SHK D ₂	LOC L ₂	OAL L ₁	PART NAME	CVD EDP
.015 (1/64)	1/8	.023	1-1/2	CCMGS-.015-B-DIA	H7787
.015 (1/64)	1/8	.045	1-1/2	CCMG-.015-B-DIA	H6687
.020	1/8	.030	1-1/2	CCMGS-.020-B-DIA	H7788
.020	1/8	.060	1-1/2	CCMG-.020-B-DIA	H6688
.0312 (1/32)	1/8	.047	1-1/2	CCMGS-401-B-DIA	H7777
.0312 (1/32)	1/8	.093	1-1/2	CCMG-401-B-DIA	10077
.040	1/8	.120	1-1/2	CCMG-.040-B-DIA	H6689
.047	1/8	.071	1-1/2	CCMGS-.047-B-DIA	H7790
.047	1/8	.141	1-1/2	CCMG-.047-B-DIA	H6690
.050	1/8	.075	1-1/2	CCMGS-.050-B-DIA	H7791
.050	1/8	.150	1-1/2	CCMG-.050-B-DIA	H6691
.060	1/8	.090	1-1/2	CCMGS-.060-B-DIA	H7792
.060	1/8	.180	1-1/2	CCMG-.060-B-DIA	H6692
.0625 (1/16)	1/8	.093	1-1/2	CCMGS-402-B-DIA	H7779
.0625 (1/16)	1/8	.186	1-1/2	CCMG-402-B-DIA	10079
.078	1/8	.117	1-1/2	CCMGS-.078-B-DIA	H7793
.078	1/8	.234	1-1/2	CCMG-.078-B-DIA	H6693
.0938 (3/32)	1/8	.140	1-1/2	CCMGS-403-B-DIA	H7771
.0938 (3/32)	1/8	.279	1-1/2	CCMG-403-B-DIA	10081
.100	1/8	.150	1-1/2	CCMGS-.100-B-DIA	H7794
.100	1/8	.300	1-1/2	CCMG-.100-B-DIA	H6694
.125 (1/8)	1/8	.500	1-1/2	CCMG-404-B-DIA	10083
.156	3/16	.470	2	CCMG-.156-B-DIA	H6695
.1875 (3/16)	3/16	.625	2	CCMG-606-B-DIA	10085
.250 (1/4)	1/4	.750	2-1/2	CCMG-808-B-DIA	10087
.3125 (5/16)	5/16	.8125	2-1/2	CCMG-1010-B-DIA	10089
.375 (3/8)	3/8	1.00	2-1/2	CCMG-1212-B-DIA	10091



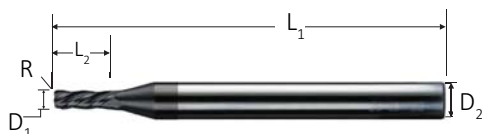
LARGER Sizes In Full Line Catalog

SERIES: CCMG-___-R-DIA

(radius)

4 FLUTE RADIUS DIAMOND COATED END MILLS

(product code PIB)



DIA D ₁	SHK D ₂	LOC L ₂	RAD R	OAL L ₁	PART NAME	CVD EDP
.031 (1/32)	1/8	0.093	0.005	1-1/2	CCMG-.031-R005-DIA	H7473
.047 (3/64)	1/8	0.141	0.005	1-1/2	CCMG-.047-R005-DIA	H7476
.062 (1/16)	1/8	0.186	0.010	1-1/2	CCMG-.062-R010-DIA	H7479
.078 (5/64)	1/8	0.234	0.010	1-1/2	CCMG-.078-R010-DIA	H7482
.093 (3/32)	1/8	0.279	0.010	1-1/2	CCMG-.093-R010-DIA	H7485
.125 (1/8)	1/8	0.500	0.015	1-1/2	CCMG-404-R015-DIA	H7488
.1875 (3/16)	3/16	0.625	0.020	2	CCMG-606-R020-DIA	H7491
.250 (1/4)	1/4	0.750	0.020	2-1/2	CCMG-808-R020-DIA	H7374
.250 (1/4)	1/4	0.750	0.030	2-1/2	CCMG-808-R030-DIA	H7800
.375 (3/8)	3/8	1.000	0.020	2-1/2	CCMG-1212-R020-DIA	H7608
.375 (3/8)	3/8	1.000	0.030	2-1/2	CCMG-1212-R030-DIA	H7500
.500 (1/2)	1/2	1.000	0.020	3	CCMG-1616-R020-DIA	H7605
.500 (1/2)	1/2	1.000	0.030	3	CCMG-1616-R030-DIA	H7505
.500 (1/2)	1/2	1.000	0.060	3	CCMG-1616-R060-DIA	H7510

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