

# **CONTOUR360<sup>0</sup>** cutting tool technologies

**ENDMILL360<sup>0</sup>**

**REAMER360<sup>0</sup>**

**2020 LIST PRICES**

[www.contour360.com](http://www.contour360.com)  
**Effective February 2020**

# CONTOUR360<sup>o</sup>

cutting tool technologies



**Aluma-Flo For Aluminum**  
**3 Flute, Variable Helix**  
**Solid Carbide End Mills**

For solid performance on Aluminum  
 Can't get any better!

**Effective February 2020**

Dia.	Tool Description	<u>Square</u>		<u>With Radius</u>	
		Zirconium Coated		Zirconium Coated	
		<b>Tool Number</b>	<b>List Price</b>	<b>Tool Number</b>	<b>List Price</b>
<b>All Radius Options*</b>					
1/8	1/8 x 1/8 x 1/4 x 1-1/2	NC43S50	\$ 13.35	NC43S50-XXX	\$ 14.39
1/8	1/8 x 1/8 x 1/2 x 1-1/2	NC43050	\$ 12.71	NC43050-XXX	\$ 14.39
3/16	3/16 x 3/16 x 5/16 x 2	NC43S58	\$ 18.03	NC43S58-XXX	\$ 19.18
3/16	3/16 x 3/16 x 5/8 x 2	NC43058	\$ 21.06	NC43058-XXX	\$ 22.39
1/4	1/4 x 1/4 x 1/2 x 2	NC43S66	\$ 24.09	NC43S66-XXX	\$ 25.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2	NC43066	\$ 27.29	NC43066-XXX	\$ 29.00
1/4	1/4 x 1/4 x 1-1/4 x 3	NC43L66	\$ 41.79	NC43L66-XXX	\$ 44.37
5/16	5/16 x 5/16 x 13/16 x 2-1/2	NC43070	\$ 39.30	NC43070-XXX	\$ 41.73
3/8	3/8 x 3/8 x 1/2 x 2	NC43S74	\$ 38.04	NC43S74-XXX	\$ 39.96
3/8	3/8 x 3/8 x 1 x 2-1/2	NC43074	\$ 44.37	NC43074-XXX	\$ 46.64
3/8	3/8 x 3/8 x 1-1/2 x 3-1/2	NC43L74	\$ 64.22	NC43L74-XXX	\$ 67.47
7/16	7/16 x 7/16 x 1 x 2-3/4	NC43078	\$ 55.02	NC43078-XXX	\$ 57.77
1/2	1/2 x 1/2 x 5/8 x 2-1/2	NC43S82	\$ 59.65	NC43S82-XXX	\$ 62.52
1/2	1/2 x 1/2 x 1 x 3	NC43082	\$ 63.67	NC43082-XXX	\$ 66.76
1/2	1/2 x 1/2 x 1-1/4 x 3	NC43182	\$ 66.86	NC43182-XXX	\$ 70.12
1/2	1/2 x 1/2 x 2 x 4	NC43L82	\$ 86.88	NC43L82-XXX	\$ 91.07
9/16	9/16 x 9/16 x 1-1/4 x 3	NC43083	\$ 88.10	NC43083-XXX	\$ 92.34
5/8	5/8 x 5/8 x 7/8 x 3	NC43S84	\$ 106.94	NC43S84-XXX	\$ 111.79
109.	5/8 x 5/8 x 1-1/4 x 3-1/2	NC43084	\$ 114.93	NC43084-XXX	\$ 120.12
5/8	5/8 x 5/8 x 2-1/2 x 6	NC43L84	\$ 166.43	NC43L84-XXX	\$ 173.92
3/4	3/4 x 3/4 x 1 x 3-1/2	NC43S86	\$ 156.31	NC43S86-XXX	\$ 162.78
3/4	3/4 x 3/4 x 1-1/2 x 4	NC43086	\$ 164.05	NC43086-XXX	\$ 171.28
3/4	3/4 x 3/4 x 3 x 6	NC43L86	\$ 255.23	NC43L86-XXX	\$ 266.48
1	1 x 1 x 1 x 3-1/2	NC43S90	\$ 262.40	NC43S90-XXX	\$ 272.93
1	1 x 1 x 1-1/2 x 4	NC43090	\$ 276.23	NC43090-XXX	\$ 287.31
1	1 x 1 x 3 x 6	NC43L90	\$ 429.59	NC43L90-XXX	\$ 446.79

\* Indicate radius size as last 3-digits of tool no., ex. NC43082-031 (.031 radius)

7  
1

# CONTOUR360<sup>0</sup>

cutting tool technologies



**Aluma-Flo For Aluminum**  
**3 Flute, Variable Helix**  
**Solid Carbide End Mills -- with Neck**

For solid performance on Aluminium

**Effective February 2020**

Dia.	Tool Description	<u>Square</u>		<u>With Radius</u>	
		Zirconium Coated		Zirconium Coated	
		<b>Tool Number</b>	<b>List Price</b>	<b>Tool Number</b>	<b>List Price</b>
				<b>All Radius Options*</b>	
1/8	1/8 x 1/8 x 5/32 x 3 (3/8 LOR)	NCM8301	\$ 37.65	NCM8301-XXX	\$ 40.52
1/8	1/8 x 1/8 x 5/32 x 3 (1/2 LOR)	NCM8303	\$ 37.82	NCM8303-XXX	\$ 40.69
1/8	1/8 x 1/8 x 5/32 x 3 (5/8 LOR)	NCM8305	\$ 37.93	NCM8305-XXX	\$ 40.79
3/16	3/16 x 3/16 x 7/32 x 3 (1/2 LOR)	NCM8311	\$ 45.15	NCM8311-XXX	\$ 48.02
3/16	3/16 x 3/16 x 7/32 x 3 (3/4 LOR)	NCM8313	\$ 45.54	NCM8313-XXX	\$ 48.41
1/4	1/4 x 1/4 x 3/8 x 4 (3/4 LOR)	NCM8321	\$ 54.46	NCM8321-XXX	\$ 57.82
1/4	1/4 x 1/4 x 3/8 x 4 (1-1/8 LOR)	NCM8323	\$ 55.18	NCM8323-XXX	\$ 58.55
1/4	1/4 x 1/4 x 3/8 x 4 (2-1/8 LOR)	NCM8325	\$ 57.06	NCM8325-XXX	\$ 60.59
3/8	3/8 x 3/8 x 1/2 x 4 (1-1/8 LOR)	NCM8341	\$ 77.51	NCM8341-XXX	\$ 81.42
3/8	3/8 x 3/8 x 1/2 x 6 (2-3/8 LOR)	NCM8343	\$ 101.04	NCM8343-XXX	\$ 106.11
3/8	3/8 x 3/8 x 1/2 x 6 (3-3/8 LOR)	NCM8345	\$ 103.80	NCM8345-XXX	\$ 109.04
3/8	3/8 x 3/8 x 1/2 x 6 (4 LOR)	NCM8347	\$ 105.51	NCM8347-XXX	\$ 110.81
1/2	1/2 x 1/2 x 5/8 x 4 (1-3/8 LOR)	NCM8361	\$ 100.05	NCM8361-XXX	\$ 104.91
1/2	1/2 x 1/2 x 5/8 x 6 (2-3/8 LOR)	NCM8363	\$ 128.01	NCM8363-XXX	\$ 134.18
1/2	1/2 x 1/2 x 5/8 x 6 (3-3/8 LOR)	NCM8365	\$ 131.64	NCM8365-XXX	\$ 137.98
1/2	1/2 x 1/2 x 5/8 x 6 (4-1/8 LOR)	NCM8367	\$ 134.34	NCM8367-XXX	\$ 140.79
5/8	5/8 x 5/8 x 3/4 x 4 (1-5/8 LOR)	NCM8371	\$ 132.47	NCM8371-XXX	\$ 138.47
5/8	5/8 x 5/8 x 3/4 x 6 (2-3/8 LOR)	NCM8373	\$ 169.73	NCM8373-XXX	\$ 177.40
5/8	5/8 x 5/8 x 3/4 x 6 (3-3/8 LOR)	NCM8375	\$ 174.36	NCM8375-XXX	\$ 182.25
5/8	5/8 x 5/8 x 3/4 x 6 (4-1/8 LOR)	NCM8377	\$ 177.84	NCM8377-XXX	\$ 185.88
3/4	3/4 x 3/4 x 1 x 6 (2-1/2 LOR)	NCM8381	\$ 224.20	NCM8381-XXX	\$ 234.07
3/4	3/4 x 3/4 x 1 x 6 (3-3/8 LOR)	NCM8383	\$ 228.99	NCM8383-XXX	\$ 239.07
3/4	3/4 x 3/4 x 1 x 6 (4-1/8 LOR)	NCM8385	\$ 232.80	NCM8385-XXX	\$ 243.04
1	1 x 1 x 1-1/4 x 6 (2-1/2 LOR)	NCM8391	\$ 351.37	NCM8391-XXX	\$ 365.42
1	1 x 1 x 1-1/4 x 6 (3-3/8 LOR)	NCM8393	\$ 357.70	NCM8393-XXX	\$ 372.04
1	1 x 1 x 1-1/4 x 6 (4-1/8 LOR)	NCM8395	\$ 364.32	NCM8395-XXX	\$ 378.93

\* Indicate radius size as last 3-digits of tool no., ex. NCM8361-031 (.031 radius)



## NCM Series High Performance Solid Carbide End Mills

CONTOUR360° is constantly in development of new and higher performance geometries for today's, and tomorrow's, cutting market. The NCM series High Performance End Mills achieve superior finish at higher feed rates! Specifically designed for work in Titanium, Stainless Steel, Inconel, Cast Iron, Carbon Steels and High Temp Alloys. Increased metal removal rates due to heavier chipload  
Coated with ALTIN (Aluminum Titanium Nitride)

**Effective February 2020**

<u>Part number</u>	<u>Number Of Flutes</u>	<u>Type</u>	<u>Corner Condition</u>	<u>Description</u> (Cut x Shank x L.O.C. x O.A.L. R)	<u>Weldon Flats</u> <b>Add \$3.50 ea.</b>	<u>List Price</u>
NCM1010-016	4	Stub	Rad.	1/8 X 1/8 X 1/4 X 1-1/2 .016R	Solid Carbide End Mills	\$ 18.30
NCM1012-016	4	Stub	Rad.	3/16 X 3/16 X 1/4 X 2 .016R	Solid Carbide End Mills	\$ 24.97
NCM1012-031	4	Stub	Rad.	3/16 X 3/16 X 1/4 X 2 .031R	Solid Carbide End Mills	\$ 24.97
NCM1012-063	4	Stub	Rad.	3/16 X 3/16 X 1/4 X 2 .063R	Solid Carbide End Mills	\$ 24.97
NCM1016-016	4	Stub	Rad.	1/4 X 1/4 X 3/8 X 2 .016R	Solid Carbide End Mills	\$ 29.05
NCM1016-016W	4	Stub	Rad.	1/4 X 1/4 X 3/8 X 2 .016R	Solid Carbide End Mills	\$ 32.36
NCM1016-031	4	Stub	Rad.	1/4 X 1/4 X 3/8 X 2 .031R	Solid Carbide End Mills	\$ 29.05
NCM1016-063	4	Stub	Rad.	1/4 X 1/4 X 3/8 X 2 .063R	Solid Carbide End Mills	\$ 29.05
NCM1020-016	4	Stub	Rad.	5/16 X 5/16 X 7/16 X 2 .016R	Solid Carbide End Mills	\$ 36.82
NCM1020-031	4	Stub	Rad.	5/16 X 5/16 X 7/16 X 2 .031R	Solid Carbide End Mills	\$ 36.82
NCM1020-063	4	Stub	Rad.	5/16 X 5/16 X 7/16 X 2 .063R	Solid Carbide End Mills	\$ 36.82
NCM1024-016	4	Stub	Rad.	3/8 X 3/8 X 1/2 X 2 .016R	Solid Carbide End Mills	\$ 44.49
NCM1024-016W	4	Stub	Rad.	EM C 3/8 4FL 1/2LOC .015RAD ALTIN	Solid Carbide End Mills	\$ 47.79
NCM1024-031	4	Stub	Rad.	3/8 X 3/8 X 1/2 X 2 .031R	Solid Carbide End Mills	\$ 44.49
NCM1024-063	4	Stub	Rad.	3/8 X 3/8 X 1/2 X 2 .063R	Solid Carbide End Mills	\$ 44.49
NCM1024-094	4	Stub	Rad.	3/8 X 3/8 X 1/2 X 2 .094R	Solid Carbide End Mills	\$ 44.49
NCM1028-016	4	Stub	Rad.	7/16 X 7/16 X 9/16 X 2-1/2 .016R	Solid Carbide End Mills	\$ 56.72

NCM1028-031	4	Stub	Rad.	7/16 X 7/16 X 9/16 X 2-1/2 .031R	Solid Carbide End Mills	\$ 56.72
NCM1028-063	4	Stub	Rad.	7/16 X 7/16 X 9/16 X 2-1/2 .063R	Solid Carbide End Mills	\$ 56.72
NCM1028-094	4	Stub	Rad.	7/16 X 7/16 X 9/16 X 2-1/2 .094R	Solid Carbide End Mills	\$ 56.72
NCM1032-016	4	Stub	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .016R	Solid Carbide End Mills	\$ 68.08
NCM1032-031	4	Stub	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .031R	Solid Carbide End Mills	\$ 68.08
NCM1032-031W	4	Stub	Rad.	EM C 1/2 4FL 5/8LOC .030RAD ALTIN	Solid Carbide End Mills	\$ 67.86
NCM1032-063	4	Stub	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .063R	Solid Carbide End Mills	\$ 68.08
NCM1032-063W	4	Stub	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .063R	Solid Carbide End Mills	\$ 67.86
NCM1032-094	4	Stub	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .094R	Solid Carbide End Mills	\$ 68.08
NCM1032-125	4	Stub	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .125R	Solid Carbide End Mills	\$ 68.08
NCM1034	4	Stub	Rad.	NEW P/N NCM1034-031	Solid Carbide End Mills	\$ 107.38
NCM1034-031	4	Stub	Rad.	5/8 X 5/8 X 3/4 X 3 .031R	Solid Carbide End Mills	\$ 107.38
NCM1034-031W	4	Stub	Rad.	5/8 X 5/8 X 3/4 X 3 .0325R	Solid Carbide End Mills	\$ 110.69
NCM1034-063	4	Stub	Rad.	5/8 X 5/8 X 3/4 X 3 .063R	Solid Carbide End Mills	\$ 107.38
NCM1034-094	4	Stub	Rad.	5/8 X 5/8 X 3/4 X 3 .094R	Solid Carbide End Mills	\$ 107.38
NCM1034-125	4	Stub	Rad.	5/8 X 5/8 X 3/4 X 3 .125R	Solid Carbide End Mills	\$ 107.38
NCM1036-031	4	Stub	Rad.	3/4 X 3/4 X 1 X 3 .031R	Solid Carbide End Mills	\$ 161.63
NCM1036-063	4	Stub	Rad.	3/4 X 3/4 X 1 X 3 .063R	Solid Carbide End Mills	\$ 159.31
NCM1036-094	4	Stub	Rad.	3/4 X 3/4 X 1 X 3 .094R	Solid Carbide End Mills	\$ 159.31
NCM1036-125	4	Stub	Rad.	3/4 X 3/4 X 1 X 3 .125R	Solid Carbide End Mills	\$ 159.31
NCM1036-188	4	Stub	Rad.	3/4 X 3/4 X 1 X 3 .188R	Solid Carbide End Mills	\$ 159.31
NCM1036-250	4	Stub	Rad.	3/4 X 3/4 X 1 X 3 .250R	Solid Carbide End Mills	\$ 159.31
NCM1037-031	4	Stub	Rad.	3/4 X 3/4 X 7/8 X 3 .031R	Solid Carbide End Mills	\$ 159.31
NCM1037-063	4	Stub	Rad.	3/4 X 3/4 X 7/8 X 3 .063R	Solid Carbide End Mills	\$ 159.31
NCM1037-094	4	Stub	Rad.	3/4 X 3/4 X 7/8 X 3 .094R	Solid Carbide End Mills	\$ 159.31
NCM1037-125	4	Stub	Rad.	3/4 X 3/4 X 7/8 X 3 .125R	Solid Carbide End Mills	\$ 159.31
NCM1037-188	4	Stub	Rad.	3/4 X 3/4 X 7/8 X 3 .188R	Solid Carbide End Mills	\$ 159.31
NCM1037-250	4	Stub	Rad.	3/4 X 3/4 X 7/8 X 3 .250R	Solid Carbide End Mills	\$ 159.31
NCM1040	4	Stub	Rad.	1 X 1 X 1-1/4 X 3 .0325R	Solid Carbide End Mills	\$ 262.51
NCM1040-031	4	Stub	Rad.	1 X 1 X 1-1/4 X 3 .031R	Solid Carbide End Mills	\$ 257.87
NCM1040-031W	4	Stub	Rad.	EM C 1 4FL 1-1/4LOC .030RAD ALTIN	Solid Carbide End Mills	\$ 254.37
NCM1040-063	4	Stub	Rad.	1 X 1 X 1-1/4 X 3 .063R	Solid Carbide End Mills	\$ 257.87
NCM1040-094	4	Stub	Rad.	1 X 1 X 1-1/4 X 3 .094R	Solid Carbide End Mills	\$ 257.87
NCM1040-125	4	Stub	Rad.	1 X 1 X 1-1/4 X 3 .125R	Solid Carbide End Mills	\$ 257.87
NCM1040-188	4	Stub	Rad.	1 X 1 X 1-1/4 X 3 .188R	Solid Carbide End Mills	\$ 257.87
NCM1040-250	4	Stub	Rad.	1 X 1 X 1-1/4 X 3 .250R	Solid Carbide End Mills	\$ 257.87
NCM1041-031	4	Stub	Rad.	1 X 1 X 1-1/2 X 4 .031R	Solid Carbide End Mills	\$ 279.37
NCM1041-063	4	Stub	Rad.	1 X 1 X 1-1/2 X 4 .063R	Solid Carbide End Mills	\$ 279.37
NCM1041-094	4	Stub	Rad.	1 X 1 X 1-1/2 X 4 .094R	Solid Carbide End Mills	\$ 279.37
NCM1041-125	4	Stub	Rad.	1 X 1 X 1-1/2 X 4 .125R	Solid Carbide End Mills	\$ 279.37

NCM1041-188	4	Stub	Rad.	1 X 1 X 1-1/2 X 4 .188R	Solid Carbide End Mills	\$ 279.37
NCM1041-250	4	Stub	Rad.	1 X 1 X 1-1/2 X 4 .250R	Solid Carbide End Mills	\$ 279.37
NCM4010	4	Standard	Sq.	1/8 X 1/8 X 1/2 X 2	Solid Carbide End Mills	\$ 17.42
NCM4010W	4	Standard	Sq.	1/8 X 1/8 X 1/2 X 2	Solid Carbide End Mills	\$ 20.73
NCM4012	4	Standard	Sq.	3/16 X 3/16 X 9/16 X 2	Solid Carbide End Mills	\$ 24.09
NCM4012W	4	Standard	Sq.	3/16 X 3/16 X 9/16 X 2	Solid Carbide End Mills	\$ 27.40
NCM4016	4	Standard	Sq.	1/4 X 1/4 X 3/4 X 2-1/2	Solid Carbide End Mills	\$ 30.26
NCM4016W	4	Standard	Sq.	EM C 1/4 4FL 3/4LOC ALTIN	Solid Carbide End Mills	\$ 31.82
NCM4020	4	Standard	Sq.	5/16 X 5/16 X 13/16 X 2-1/2	Solid Carbide End Mills	\$ 37.87
NCM4020W	4	Standard	Sq.	EM C 5/16 4FL 13/16LOC ALTIN	Solid Carbide End Mills	\$ 39.07
NCM4024	4	Standard	Sq.	3/8 X 3/8 X 1 X 2-1/2	Solid Carbide End Mills	\$ 45.59
NCM4024W	4	Standard	Sq.	EM C 3/8 4FL 1LOC ALTIN	Solid Carbide End Mills	\$ 48.79
NCM4028	4	Standard	Sq.	7/16 X 7/16 X 1 X 2-3/4	Solid Carbide End Mills	\$ 57.83
NCM4028W	4	Standard	Sq.	EM C 7/16 4FL 1LOC ALTIN	Solid Carbide End Mills	\$ 60.97
NCM4030	4	Standard	Sq.	1/2 X 1/2 X 1 X 3	Solid Carbide End Mills	\$ 70.12
NCM4030W	4	Standard	Sq.	EM C 1/2 4FL 1LOC ALTIN	Solid Carbide End Mills	\$ 73.32
NCM4032	4	Standard	Sq.	1/2 X 1/2 X 1-1/4 X 3	Solid Carbide End Mills	\$ 70.12
NCM4032W	4	Standard	Sq.	1/2 X 1/2 X 1-1/4 X 3	Solid Carbide End Mills	\$ 73.32
NCM4034	4	Standard	Sq.	5/8 X 5/8 X 1-5/8 X 3-1/2	Solid Carbide End Mills	\$ 110.31
NCM4034W	4	Standard	Sq.	EM C 5/8 4FL 1-5/8LOC ALTIN	Solid Carbide End Mills	\$ 113.78
NCM4036	4	Standard	Sq.	3/4 X 3/4 X 1-5/8 X 4	Solid Carbide End Mills	\$ 168.08
NCM4036W	4	Standard	Sq.	EM C 3/4 4FL 1-5/8LOC ALTIN	Solid Carbide End Mills	\$ 172.10
NCM4037	4	Standard	Sq.	3/4 X 3/4 X 2-1/4 X 5 END MILL ALTI	Solid Carbide End Mills	\$ 207.10
NCM4037W	4	Standard	Sq.	3/4 X 3/4 X 2-1/4 X 5 END MILL ALTI	Solid Carbide End Mills	\$ 210.41
NCM4040	4	Standard	Sq.	EM C 1 4FL 2LOC ALTIN	Solid Carbide End Mills	\$ 277.89
NCM4040W	4	Standard	Sq.	EM C 1 4FL 2 LOC ALTIN	Solid Carbide End Mills	\$ 281.96
NCM4041	4	Standard	Sq.	EM C 1 4FL 2-1/2LOC ALTIN	Solid Carbide End Mills	\$ 328.93
NCM4041W	4	Standard	Sq.	EM C 1 4FL 2-1/2LOC ALTIN	Solid Carbide End Mills	\$ 333.56
NCM4102-016	4	Standard	Rad.	1/8 X 1/8 X 1/2 X 2 .016R	Solid Carbide End Mills	\$ 18.91
NCM4104-016	4	Standard	Rad.	3/16 X 3/16 X 9/16 X 2 .016R	Solid Carbide End Mills	\$ 26.07
NCM4104-031	4	Standard	Rad.	3/16 X 3/16 X 9/16 X 2 .031R	Solid Carbide End Mills	\$ 26.07
NCM4104-063	4	Standard	Rad.	3/16 X 3/16 X 9/16 X 2 .063R	Solid Carbide End Mills	\$ 26.07
NCM4106-016	4	Standard	Rad.	7/32 X 1/4 X 5/8 X 2-1/2 .016R	Solid Carbide End Mills	\$ 33.90
NCM4106-031	4	Standard	Rad.	7/32 X 1/4 X 5/8 X 2-1/2 .031R	Solid Carbide End Mills	\$ 33.90
NCM4106-063	4	Standard	Rad.	7/32 X 1/4 X 5/8 X 2-1/2 .063R	Solid Carbide End Mills	\$ 33.90
NCM4108-016	4	Standard	Rad.	1/4 X 1/4 X 3/4 X 2-1/2 .016R	Solid Carbide End Mills	\$ 32.30
NCM4108-016W	4	Standard	Rad.	EM C 1/4 4FL 3/4LOC .016RAD ALTIN	Solid Carbide End Mills	\$ 33.12
NCM4108-031	4	Standard	Rad.	1/4 X 1/4 X 3/4 X 2-1/2 .031R	Solid Carbide End Mills	\$ 32.30
NCM4108-063	4	Standard	Rad.	1/4 X 1/4 X 3/4 X 2-1/2 .063R	Solid Carbide End Mills	\$ 32.30
NCM4112-016	4	Standard	Rad.	5/16 X 5/16 X 13/16 X 2-1/2 .016R	Solid Carbide End Mills	\$ 40.41

NCM4112-016W	4	Standard	Rad.	EM C 5/16 4FL 13/16LOC .016RADALTIN	Solid Carbide End Mills	\$ 40.84
NCM4112-031	4	Standard	Rad.	5/16 X 5/16 X 13/16 X 2-1/2 .031R	Solid Carbide End Mills	\$ 40.41
NCM4112-063	4	Standard	Rad.	5/16 X 5/16 X 13/16 X 2-1/2 .063R	Solid Carbide End Mills	\$ 40.41
NCM4116-016	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .016R	Solid Carbide End Mills	\$ 48.01
NCM4116-016-TIALCN	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .016R	Solid Carbide End Mills	\$ 35.39
NCM4116-016W	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .0175R	Solid Carbide End Mills	\$ 50.88
NCM4116-031	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .031R	Solid Carbide End Mills	\$ 48.01
NCM4116-031-TIALCN	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .031R	Solid Carbide End Mills	\$ 35.39
NCM4116-063	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .063R	Solid Carbide End Mills	\$ 48.01
NCM4116-094	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .094R	Solid Carbide End Mills	\$ 48.01
NCM4116-125	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .125R	Solid Carbide End Mills	\$ 48.01
NCM4117-016	4	Standard	Rad.	3/8 X 3/8 X 2 X 4 .016R	Solid Carbide End Mills	\$ 66.70
NCM4117-016W	4	Standard	Rad.	3/8 X 3/8 X 2 X 4 .0175R	Solid Carbide End Mills	\$ 69.46
NCM4117-031	4	Standard	Rad.	3/8 X 3/8 X 2 X 4 .031R	Solid Carbide End Mills	\$ 66.70
NCM4117-063	4	Standard	Rad.	3/8 X 3/8 X 2 X 4 .063R	Solid Carbide End Mills	\$ 66.70
NCM4117-094	4	Standard	Rad.	3/8 X 3/8 X 2 X 4 .094R	Solid Carbide End Mills	\$ 66.70
NCM4117-125	4	Standard	Rad.	3/8 X 3/8 X 2 X 4 .125R	Solid Carbide End Mills	\$ 66.70
NCM4118-016	4	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .016R	Solid Carbide End Mills	\$ 60.91
NCM4118-016W	4	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .0175R	Solid Carbide End Mills	\$ 63.28
NCM4118-031	4	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .031R	Solid Carbide End Mills	\$ 60.91
NCM4118-063	4	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .063R	Solid Carbide End Mills	\$ 60.91
NCM4118-094	4	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .094R	Solid Carbide End Mills	\$ 60.91
NCM4120	4	Standard	Rad.	NEW P/N NCM4120-031	Solid Carbide End Mills	\$ 74.20
NCM4120-016	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .016R	Solid Carbide End Mills	\$ 74.20
NCM4120-031	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .031R	Solid Carbide End Mills	\$ 74.20
NCM4120-031W	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .0325R	Solid Carbide End Mills	\$ 77.40
NCM4120-063	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .063R	Solid Carbide End Mills	\$ 74.20
NCM4120-094	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .094R	Solid Carbide End Mills	\$ 74.20
NCM4120-125	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .125R	Solid Carbide End Mills	\$ 74.20
NCM4122-016	4	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .016R	Solid Carbide End Mills	\$ 74.20
NCM4122-016W	4	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .016R	Solid Carbide End Mills	\$ 77.51
NCM4122-031	4	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .031R	Solid Carbide End Mills	\$ 74.20
NCM4122-031W	4	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .031R	Solid Carbide End Mills	\$ 77.40
NCM4122-063	4	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .063R	Solid Carbide End Mills	\$ 74.20
NCM4122-094	4	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .094R	Solid Carbide End Mills	\$ 74.20
NCM4122-125	4	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .125R	Solid Carbide End Mills	\$ 74.20
NCM4123-016	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .016R	Solid Carbide End Mills	\$ 91.51
NCM4123-031	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .031R	Solid Carbide End Mills	\$ 91.51
NCM4123-031W	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .0325W	Solid Carbide End Mills	\$ 94.70
NCM4123-063	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .063R	Solid Carbide End Mills	\$ 91.51



NCM4123-094	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .094R	Solid Carbide End Mills	\$ 91.51
NCM4123-125	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .125R	Solid Carbide End Mills	\$ 91.51
NCM4123-125W	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .125R	Solid Carbide End Mills	\$ 97.02
NCM4124-016	4	Standard	Rad.	1/2 X 1/2 X 3 X 6 .016R	Solid Carbide End Mills	\$ 135.22
NCM4124-031	4	Standard	Rad.	1/2 X 1/2 X 3 X 6 .031R	Solid Carbide End Mills	\$ 135.22
NCM4124-031W	4	Standard	Rad.	1/2 X 1/2 X 3 X 6 .0325R	Solid Carbide End Mills	\$ 138.42
NCM4124-063	4	Standard	Rad.	1/2 X 1/2 X 3 X 6 .063R	Solid Carbide End Mills	\$ 135.22
NCM4124-094	4	Standard	Rad.	1/2 X 1/2 X 3 X 6 .094R	Solid Carbide End Mills	\$ 135.22
NCM4124-125	4	Standard	Rad.	1/2 X 1/2 X 3 X 6 .125R	Solid Carbide End Mills	\$ 135.22
NCM4129-031	4	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 3-1/2 .031R	Solid Carbide End Mills	\$ 129.10
NCM4129-031W	4	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 3-1/2 .031R	Solid Carbide End Mills	\$ 134.36
NCM4129-063	4	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 3-1/2 .063R	Solid Carbide End Mills	\$ 129.11
NCM4129-094	4	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 3-1/2 .094R	Solid Carbide End Mills	\$ 129.11
NCM4129-125	4	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 3-1/2 .125R	Solid Carbide End Mills	\$ 129.11
NCM4130-031	4	Standard	Rad.	5/8 X 5/8 X 3 X 6 .031R	Solid Carbide End Mills	\$ 196.19
NCM4130-031W	4	Standard	Rad.	5/8 X 5/8 X 3 X 6 .0325R	Solid Carbide End Mills	\$ 202.14
NCM4130-063	4	Standard	Rad.	5/8 X 5/8 X 3 X 6 .063R	Solid Carbide End Mills	\$ 196.19
NCM4130-094	4	Standard	Rad.	5/8 X 5/8 X 3 X 6 .094R	Solid Carbide End Mills	\$ 196.19
NCM4130-125	4	Standard	Rad.	5/8 X 5/8 X 3 X 6 .125R	Solid Carbide End Mills	\$ 196.19
NCM4130-125W	4	Standard	Rad.	5/8 X 5/8 X 3 X 6 .125R	Solid Carbide End Mills	\$ 201.70
NCM4135-031	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .031R	Solid Carbide End Mills	\$ 176.18
NCM4135-031W	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .031R	Solid Carbide End Mills	\$ 182.79
NCM4135-063	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .063R	Solid Carbide End Mills	\$ 176.18
NCM4135-094	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .094R	Solid Carbide End Mills	\$ 176.18
NCM4135-125	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .125R	Solid Carbide End Mills	\$ 176.18
NCM4135-188	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .188R	Solid Carbide End Mills	\$ 176.18
NCM4135-250	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .250R	Solid Carbide End Mills	\$ 176.18
NCM4136-031	4	Standard	Rad.	3/4 X 3/4 X 3 X 6 .031R	Solid Carbide End Mills	\$ 241.23
NCM4136-031W	4	Standard	Rad.	3/4 X 3/4 X 3 X 6 .0325R	Solid Carbide End Mills	\$ 245.25
NCM4136-063	4	Standard	Rad.	3/4 X 3/4 X 3 X 6 .063R	Solid Carbide End Mills	\$ 237.31
NCM4136-094	4	Standard	Rad.	3/4 X 3/4 X 3 X 6 .094R	Solid Carbide End Mills	\$ 237.31
NCM4136-125	4	Standard	Rad.	3/4 X 3/4 X 3 X 6 .125R	Solid Carbide End Mills	\$ 237.31
NCM4136-188	4	Standard	Rad.	3/4 X 3/4 X 3 X 6 .188R	Solid Carbide End Mills	\$ 237.31
NCM4136-250	4	Standard	Rad.	3/4 X 3/4 X 3 X 6 .250R	Solid Carbide End Mills	\$ 237.31
NCM4137-031	4	Standard	Rad.	3/4 X 3/4 X 4 X 7 .031R	Solid Carbide End Mills	\$ 352.97
NCM4137-031W	4	Standard	Rad.	3/4 X 3/4 X 4 X 7 .0325R	Solid Carbide End Mills	\$ 356.99
NCM4137-063	4	Standard	Rad.	3/4 X 3/4 X 4 X 7 .063R	Solid Carbide End Mills	\$ 347.89
NCM4137-094	4	Standard	Rad.	3/4 X 3/4 X 4 X 7 .094R	Solid Carbide End Mills	\$ 347.89
NCM4137-125	4	Standard	Rad.	3/4 X 3/4 X 4 X 7 .125R	Solid Carbide End Mills	\$ 347.89
NCM4137-188	4	Standard	Rad.	3/4 X 3/4 X 4 X 7 .188R	Solid Carbide End Mills	\$ 347.89

NCM4137-250	4	Standard	Rad.	3/4 X 3/4 X 4 X 7 .250R	Solid Carbide End Mills	\$ 347.89
NCM4143-031	4	Standard	Rad.	1 X 1 X 2 X 4 .031R	Solid Carbide End Mills	\$ 290.40
NCM4143-031W	4	Standard	Rad.	1 X 1 X 2 X 4 .0325R	Solid Carbide End Mills	\$ 298.94
NCM4143-063	4	Standard	Rad.	1 X 1 X 2 X 4 .063R	Solid Carbide End Mills	\$ 290.40
NCM4143-094	4	Standard	Rad.	1 X 1 X 2 X 4 .094R	Solid Carbide End Mills	\$ 290.40
NCM4143-125	4	Standard	Rad.	1 X 1 X 2 X 4 .125R	Solid Carbide End Mills	\$ 290.40
NCM4143-187	4	Standard	Rad.	1 X 1 X 2 X 4 .187 RAD	Solid Carbide End Mills	\$ 290.40
NCM4143-188	4	Standard	Rad.	1 X 1 X 2 X 4 .188R	Solid Carbide End Mills	\$ 290.40
NCM4143-250	4	Standard	Rad.	1 X 1 X 2 X 4 .250R	Solid Carbide End Mills	\$ 290.40
NCM4144-031	4	Standard	Rad.	1 X 1 X 3 X 6 .031R	Solid Carbide End Mills	\$ 428.98
NCM4144-031W	4	Standard	Rad.	1 X 1 X 3 X 6 .0325R	Solid Carbide End Mills	\$ 433.61
NCM4144-063	4	Standard	Rad.	1 X 1 X 3 X 6 .063R	Solid Carbide End Mills	\$ 428.98
NCM4144-094	4	Standard	Rad.	1 X 1 X 3 X 6 .094R	Solid Carbide End Mills	\$ 428.98
NCM4144-125	4	Standard	Rad.	1 X 1 X 3 X 6 .125R	Solid Carbide End Mills	\$ 428.98
NCM4144-188	4	Standard	Rad.	1 X 1 X 3 X 6 .188R	Solid Carbide End Mills	\$ 421.43
NCM4144-250	4	Standard	Rad.	1 X 1 X 3 X 6 .250R	Solid Carbide End Mills	\$ 421.43
NCM4145-031	4	Standard	Rad.	1 X 1 X 4 X 7 .031R	Solid Carbide End Mills	\$ 486.75
NCM4145-031W	4	Standard	Rad.	1 X 1 X 4 X 7 .0325R	Solid Carbide End Mills	\$ 491.38
NCM4145-063	4	Standard	Rad.	1 X 1 X 4 X 7 .063R	Solid Carbide End Mills	\$ 478.15
NCM4145-094	4	Standard	Rad.	1 X 1 X 4 X 7 .094R	Solid Carbide End Mills	\$ 478.15
NCM4145-125	4	Standard	Rad.	1 X 1 X 4 X 7 .125R	Solid Carbide End Mills	\$ 478.15
NCM4145-188	4	Standard	Rad.	1 X 1 X 4 X 7 .188R	Solid Carbide End Mills	\$ 478.15
NCM4145-250	4	Standard	Rad.	1 X 1 X 4 X 7 .250R	Solid Carbide End Mills	\$ 478.15
NCM4146-031	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .031R	Solid Carbide End Mills	\$ 376.17
NCM4146-031W	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .0325R	Solid Carbide End Mills	\$ 387.58
NCM4146-063	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .063R	Solid Carbide End Mills	\$ 376.17
NCM4146-094	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .094R	Solid Carbide End Mills	\$ 376.17
NCM4146-125	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .125R	Solid Carbide End Mills	\$ 376.17
NCM4146-188	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .188R	Solid Carbide End Mills	\$ 376.17
NCM4146-250	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .250R	Solid Carbide End Mills	\$ 376.17
NCM4148-031	4	Standard	Rad.	1 X 1 X 2 X 5 .031R	Solid Carbide End Mills	\$ 339.79
NCM4148-031W	4	Standard	Rad.	1 X 1 X 2 X 5 .0325R	Solid Carbide End Mills	\$ 350.54
NCM4148-063	4	Standard	Rad.	1 X 1 X 2 X 5 .063R	Solid Carbide End Mills	\$ 339.79
NCM4148-094	4	Standard	Rad.	1 X 1 X 2 X 5 .094R	Solid Carbide End Mills	\$ 339.79
NCM4148-125	4	Standard	Rad.	1 X 1 X 2 X 5 .125R	Solid Carbide End Mills	\$ 339.79
NCM4148-188	4	Standard	Rad.	1 X 1 X 2 X 5 .188R	Solid Carbide End Mills	\$ 339.79
NCM4148-250	4	Standard	Rad.	1 X 1 X 2 X 5 .250R	Solid Carbide End Mills	\$ 339.79
NCM4149-031	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .031R	Solid Carbide End Mills	\$ 217.08
NCM4149-063	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .063R	Solid Carbide End Mills	\$ 217.08
NCM4149-094	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .094R	Solid Carbide End Mills	\$ 217.08

NCM4149-125	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .125R	Solid Carbide End Mills	\$ 217.08
NCM4149-188	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .188R	Solid Carbide End Mills	\$ 217.08
NCM4149-250	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .250R	Solid Carbide End Mills	\$ 217.08
NCM4175-016	4	Standard	Rad.	3/8 X 3/8 X 3 X 6 .016R	Solid Carbide End Mills	\$ 92.06
NCM4175-016W	4	Standard	Rad.	3/8 X 3/8 X 3 X 6 .0160R	Solid Carbide End Mills	\$ 94.70
NCM4175-031	4	Standard	Rad.	3/8 X 3/8 X 3 X 6 .031R	Solid Carbide End Mills	\$ 92.06
NCM4175-063	4	Standard	Rad.	3/8 X 3/8 X 3 X 6 .063R	Solid Carbide End Mills	\$ 92.06
NCM4175-094	4	Standard	Rad.	3/8 X 3/8 X 3 X 6 .094R	Solid Carbide End Mills	\$ 92.06
NCM4502	5	Standard	Sq.	EM C 1/4 5FL 3/8LOC ALTIN	Solid Carbide End Mills	\$ 29.05
NCM4502W	5	Standard	Sq.	EM C 1/4 5FL 3/8LOC ALTIN	Solid Carbide End Mills	\$ 30.69
NCM4505	5	Standard	Sq.	EM C 1/4 5FL 5/8LOC ALTIN	Solid Carbide End Mills	\$ 36.33
NCM4506	5	Standard	Sq.	EM C 1/4 5FL 3/4LOC ALTIN	Solid Carbide End Mills	\$ 36.33
NCM4508	5	Standard	Sq.	EM C 5/16 5FL 3/4LOC ALTIN	Solid Carbide End Mills	\$ 45.42
NCM4511	5	Standard	Sq.	3EM C 3/8 5FL 1/2LOC ALTIN	Solid Carbide End Mills	\$ 43.55
NCM4511W	5	Standard	Sq.	EM C 3/8 5FL 1/2LOC ALTIN	Solid Carbide End Mills	\$ 46.75
NCM4514	5	Standard	Sq.	3/8 X 3/8 X 1 X 2-1/2	Solid Carbide End Mills	\$ 54.68
NCM4514W	5	Standard	Sq.	EM C 3/8 5FL 1LOC ALTIN	Solid Carbide End Mills	\$ 57.88
NCM4515	5	Standard	Sq.	EM C 3/8 5FL 2"LOC .015RAD ALTIN	Solid Carbide End Mills	\$ 68.13
NCM4515W	5	Standard	Sq.	EM C 3/8 5FL 2"LOC .015RAD ALTIN	Solid Carbide End Mills	\$ 71.33
NCM4517	5	Standard	Sq.	EM C 7/16 5FL 1LOC ALTIN	Solid Carbide End Mills	\$ 69.40
NCM4520	5	Standard	Sq.	1/2 X 1/2 X 5/8 X 2-1/2	Solid Carbide End Mills	\$ 73.54
NCM4520W	5	Standard	Sq.	EM C 1/2 5FL 5/8LOC ALTIN	Solid Carbide End Mills	\$ 76.73
NCM4523	5	Standard	Sq.	1/2 X 1/2 X 1 X 3	Solid Carbide End Mills	\$ 84.12
NCM4523W	5	Standard	Sq.	EM C 1/2 5FL 1LOC ALTIN	Solid Carbide End Mills	\$ 87.32
NCM4524	5	Standard	Sq.	EM C 1/2 5FL 1-1/4LOC ALTIN	Solid Carbide End Mills	\$ 84.89
NCM4524W	5	Standard	Sq.	EM C 1/2 5FL 1-1/4LOC ALTIN	Solid Carbide End Mills	\$ 88.03
NCM4525	5	Standard	Sq.	EM C 1/2 5FL 2LOC ALTIN	Solid Carbide End Mills	\$ 103.64
NCM4525W	5	Standard	Sq.	EM C 1/2 5FL 2LOC ALTIN	Solid Carbide End Mills	\$ 106.83
NCM4526	5	Standard	Sq.	EM C 5/8 5FL 3/4LOC ALTIN	Solid Carbide End Mills	\$ 115.98
NCM4526W	5	Standard	Sq.	EM C 5/8 5FL 3/4LOC ALTIN	Solid Carbide End Mills	\$ 119.46
NCM4529	5	Standard	Sq.	EM C 5/8 5FL 1-1/4LOC ALTIN	Solid Carbide End Mills	\$ 132.30
NCM4529W	5	Standard	Sq.	EM C 5/8 5FL 1-1/4LOC ALTIN	Solid Carbide End Mills	\$ 135.77
NCM4530	5	Standard	Sq.	EM C 5/8 5FL 1-5/8LOC ALTIN	Solid Carbide End Mills	\$ 134.45
NCM4530W	5	Standard	Sq.	EM C 5/8 5FL 1-5/8LOC ALTIN	Solid Carbide End Mills	\$ 137.92
NCM4532	5	Standard	Sq.	EM C 3/4 5FL 7/8LOC ALTIN	Solid Carbide End Mills	\$ 174.53
NCM4532W	5	Standard	Sq.	EM C 3/4 5FL 7/8LOC ALTIN	Solid Carbide End Mills	\$ 178.61
NCM4535	5	Standard	Sq.	3/4 X 3/4 X 1-1/2 X 4	Solid Carbide End Mills	\$ 201.59
NCM4535W	5	Standard	Sq.	EM C 3/4 5FL 1-1/2LOC ALTIN	Solid Carbide End Mills	\$ 205.67
NCM4536	5	Standard	Sq.	EM C 3/4 5FL 1-5/8LOC ALTIN	Solid Carbide End Mills	\$ 210.41
NCM4536W	5	Standard	Sq.	EM C 3/4 5FL 1-5/8LOC ALTIN	Solid Carbide End Mills	\$ 214.44

NCM4537	5	Standard	Sq.	EM C 3/4 5FL 4" LOC ALTIN	Solid Carbide End Mills	\$ 399.55
NCM4537-031	5	Standard	Sq.	EM C 3/4 5FL 4" LOC ALTIN	Solid Carbide End Mills	\$ 411.78
NCM4537W	5	Standard	Sq.	EM C 3/4 5FL 4" LOC ALTIN	Solid Carbide End Mills	\$ 403.63
NCM4538	5	Standard	Sq.	EM C 1 5FL 1-1/2LOC ALTIN	Solid Carbide End Mills	\$ 282.85
NCM4538W	5	Standard	Sq.	EM C 1 5FL 1-1/2LOC ALTIN	Solid Carbide End Mills	\$ 287.48
NCM4539	5	Standard	Sq.	EM C 1 5FL 2-1/2LOC ALTIN	Solid Carbide End Mills	\$ 404.18
NCM4539W	5	Standard	Sq.	EM C 1 5FL 2-1/2LOC ALTIN	Solid Carbide End Mills	\$ 408.81
NCM4540	5	Standard	Sq.	EM C 1 5FL 3"LOC ALTIN	Solid Carbide End Mills	\$ 479.31
NCM4540W	5	Standard	Sq.	EM C 1 5FL 3"LOC ALTIN	Solid Carbide End Mills	\$ 483.94
NCM4541	5	Standard	Sq.	EM C 1 5FL 4" LOC ALTIN	Solid Carbide End Mills	\$ 546.12
NCM4541W	5	Standard	Sq.	EM C 1 5FL 4" LOC ALTIN	Solid Carbide End Mills	\$ 550.75
NCM4542	5	Standard	Sq.	EM C 3/4 5FL 2-1/4LOC ALTIN	Solid Carbide End Mills	\$ 244.64
NCM4550-016	5	Standard	Rad.	1/4 X 1/4 X 3/8 X 2 .016R	Solid Carbide End Mills	\$ 35.22
NCM4550-031	5	Standard	Rad.	1/4 X 1/4 X 3/8 X 2 .031R	Solid Carbide End Mills	\$ 35.22
NCM4550-063	5	Standard	Rad.	1/4 X 1/4 X 3/8 X 2 .063R	Solid Carbide End Mills	\$ 35.22
NCM4552-016	5	Standard	Rad.	1/4 X 1/4 X 5/8 X 2-1/2 .016R	Solid Carbide End Mills	\$ 39.08
NCM4552-031	5	Standard	Rad.	1/4 X 1/4 X 5/8 X 2-1/2 .031R	Solid Carbide End Mills	\$ 39.08
NCM4552-063	5	Standard	Rad.	1/4 X 1/4 X 5/8 X 2-1/2 .063R	Solid Carbide End Mills	\$ 39.08
NCM4554-016	5	Standard	Rad.	1/4 X 1/4 X 1-1/4 X 3 .016R	Solid Carbide End Mills	\$ 44.76
NCM4554-031	5	Standard	Rad.	1/4 X 1/4 X 1-1/4 X 3 .031R	Solid Carbide End Mills	\$ 44.76
NCM4554-063	5	Standard	Rad.	1/4 X 1/4 X 1-1/4 X 3 .063R	Solid Carbide End Mills	\$ 44.76
NCM4556-016	5	Standard	Rad.	1/4 X 1/4 X 5/8 X 4 .016R	Solid Carbide End Mills	\$ 44.76
NCM4556-031	5	Standard	Rad.	1/4 X 1/4 X 5/8 X 4 .031R	Solid Carbide End Mills	\$ 44.76
NCM4556-063	5	Standard	Rad.	1/4 X 1/4 X 5/8 X 4 .063R	Solid Carbide End Mills	\$ 44.76
NCM4558-016	5	Standard	Rad.	5/16 X 5/16 X 13/16 X 2-1/2 .016R	Solid Carbide End Mills	\$ 48.84
NCM4558-031	5	Standard	Rad.	5/16 X 5/16 X 13/16 X 2-1/2 .031R	Solid Carbide End Mills	\$ 48.84
NCM4558-063	5	Standard	Rad.	5/16 X 5/16 X 13/16 X 2-1/2 .063R	Solid Carbide End Mills	\$ 48.84
NCM4558-125W	5	Standard	Rad.	5/16 X 5/16 X 13/16 X 2-1/2 .125R	Solid Carbide End Mills	\$ 54.35
NCM4560-016	5	Standard	Rad.	3/8 X 3/8 X 1/2 X 2 .016R	Solid Carbide End Mills	\$ 46.03
NCM4560-016W	5	Standard	Rad.	EM C 3/8 5FL 1/2LOC .016RAD ALTIN	Solid Carbide End Mills	\$ 49.34
NCM4560-031	5	Standard	Rad.	3/8 X 3/8 X 1/2 X 2 .031R	Solid Carbide End Mills	\$ 46.03
NCM4560-063	5	Standard	Rad.	3/8 X 3/8 X 1/2 X 2 .063R	Solid Carbide End Mills	\$ 46.03
NCM4560-094	5	Standard	Rad.	3/8 X 3/8 X 1/2 X 2 .094R	Solid Carbide End Mills	\$ 46.03
NCM4562-016	5	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .016R	Solid Carbide End Mills	\$ 57.77
NCM4562-016W	5	Standard	Rad.	EM C 3/8 5FL 1LOC .016RAD ALTIN	Solid Carbide End Mills	\$ 60.42
NCM4562-031	5	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .031R	Solid Carbide End Mills	\$ 57.77
NCM4562-063	5	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .063R	Solid Carbide End Mills	\$ 57.77
NCM4562-094	5	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .094R	Solid Carbide End Mills	\$ 57.77
NCM4564-016	5	Standard	Rad.	3/8 X 3/8 X 1-1/4 X 3 .016R	Solid Carbide End Mills	\$ 62.35
NCM4564-016W	5	Standard	Rad.	EM C 3/8 5FL 1-1/4LOC .015RAD ALTIN	Solid Carbide End Mills	\$ 63.34

NCM4564-031	5	Standard	Rad.	3/8 X 3/8 X 1-1/4 X 3 .031R	Solid Carbide End Mills	\$ 62.35
NCM4564-063	5	Standard	Rad.	3/8 X 3/8 X 1-1/4 X 3 .063R	Solid Carbide End Mills	\$ 62.35
NCM4564-094	5	Standard	Rad.	3/8 X 3/8 X 1-1/4 X 3 .094R	Solid Carbide End Mills	\$ 62.35
NCM4566-016	5	Standard	Rad.	3/8 X 3/8 X 7/8 X 4 .016R	Solid Carbide End Mills	\$ 66.87
NCM4566-016W	5	Standard	Rad.	EM C 3/8 5FL 7/8LOC .015RAD ALTIN	Solid Carbide End Mills	\$ 64.55
NCM4566-031	5	Standard	Rad.	3/8 X 3/8 X 7/8 X 4 .031R	Solid Carbide End Mills	\$ 66.87
NCM4566-063	5	Standard	Rad.	3/8 X 3/8 X 7/8 X 4 .063R	Solid Carbide End Mills	\$ 66.87
NCM4566-094	5	Standard	Rad.	3/8 X 3/8 X 7/8 X 4 .094R	Solid Carbide End Mills	\$ 66.87
NCM4568-016	5	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .016R	Solid Carbide End Mills	\$ 73.32
NCM4568-016W	5	Standard	Rad.	EM C 7/16 5FL 1LOC .016RAD ALTIN	Solid Carbide End Mills	\$ 75.30
NCM4568-031	5	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .031R	Solid Carbide End Mills	\$ 73.32
NCM4568-063	5	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .063R	Solid Carbide End Mills	\$ 73.32
NCM4568-094	5	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .094R	Solid Carbide End Mills	\$ 73.32
NCM4570-016	5	Standard	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .016R	Solid Carbide End Mills	\$ 77.67
NCM4570-016W	5	Standard	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .016R	Solid Carbide End Mills	\$ 79.32
NCM4570-031	5	Standard	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .031R	Solid Carbide End Mills	\$ 77.67
NCM4570-031W	5	Standard	Rad.	EM C 1/2 5FL 5/8LOC .031RAD ALTIN	Solid Carbide End Mills	\$ 84.89
NCM4570-063	5	Standard	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .063R	Solid Carbide End Mills	\$ 77.67
NCM4570-094	5	Standard	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .094R	Solid Carbide End Mills	\$ 77.67
NCM4570-125	5	Standard	Rad.	1/2 X 1/2 X 5/8 X 2-1/2 .125R	Solid Carbide End Mills	\$ 77.67
NCM4572-016	5	Standard	Rad.	1/2 X 1/2 X 1 X 3 .016R	Solid Carbide End Mills	\$ 88.86
NCM4572-016W	5	Standard	Rad.	1/2 X 1/2 X 1 X 3 .016R	Solid Carbide End Mills	\$ 92.17
NCM4572-031	5	Standard	Rad.	1/2 X 1/2 X 1 X 3 .031R	Solid Carbide End Mills	\$ 89.08
NCM4572-031W	5	Standard	Rad.	1/2 X 1/2 X 1 X 3 .031R	Solid Carbide End Mills	\$ 92.17
NCM4572-063	5	Standard	Rad.	1/2 X 1/2 X 1 X 3 .063R	Solid Carbide End Mills	\$ 88.86
NCM4572-094	5	Standard	Rad.	1/2 X 1/2 X 1 X 3 .094R	Solid Carbide End Mills	\$ 88.86
NCM4572-125	5	Standard	Rad.	1/2 X 1/2 X 1 X 3 .125R	Solid Carbide End Mills	\$ 88.86
NCM4574-016	5	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .016R	Solid Carbide End Mills	\$ 89.69
NCM4574-031	5	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .031R	Solid Carbide End Mills	\$ 89.69
NCM4574-031W	5	Standard	Rad.	EM C 1/2 5FL 1-1/4LOC .031RAD ALTIN	Solid Carbide End Mills	\$ 92.28
NCM4574-063	5	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .063R	Solid Carbide End Mills	\$ 89.69
NCM4574-094	5	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .094R	Solid Carbide End Mills	\$ 89.69
NCM4574-125	5	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .125R	Solid Carbide End Mills	\$ 89.69
NCM4574-125W	5	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3 .125R	Solid Carbide End Mills	\$ 95.20
NCM4576-016	5	Standard	Rad.	1/2 X 1/2 X 2 X 4 .016R	Solid Carbide End Mills	\$ 109.48
NCM4576-031	5	Standard	Rad.	1/2 X 1/2 X 2 X 4 .031R	Solid Carbide End Mills	\$ 109.48
NCM4576-031W	5	Standard	Rad.	EM C 1/2 5FL 2LOC .031RAD ALTIN	Solid Carbide End Mills	\$ 113.01
NCM4576-063	5	Standard	Rad.	1/2 X 1/2 X 2 X 4 .063R	Solid Carbide End Mills	\$ 109.48
NCM4576-063W	5	Standard	Rad.	1/2 X 1/2 X 2 X 4 .063R	Solid Carbide End Mills	\$ 113.01
NCM4576-094	5	Standard	Rad.	1/2 X 1/2 X 2 X 4 .094R	Solid Carbide End Mills	\$ 109.48

NCM4576-125	5	Standard	Rad.	1/2 X 1/2 X 2 X 4 .125R	Solid Carbide End Mills	\$ 109.48
NCM4576-125W	5	Standard	Rad.	1/2 X 1/2 X 2 X 4 .125R	Solid Carbide End Mills	\$ 113.01
NCM4578-016	5	Standard	Rad.	1/2 X 1/2 X 1 X 6 .016R	Solid Carbide End Mills	\$ 122.21
NCM4578-031	5	Standard	Rad.	1/2 X 1/2 X 1 X 6 .031R	Solid Carbide End Mills	\$ 122.21
NCM4578-031W	5	Standard	Rad.	EM C 1/2 5FL 1LOC .031RAD ALTIN	Solid Carbide End Mills	\$ 125.41
NCM4578-063	5	Standard	Rad.	1/2 X 1/2 X 1 X 6 .063R	Solid Carbide End Mills	\$ 122.21
NCM4578-094	5	Standard	Rad.	1/2 X 1/2 X 1 X 6 .094R	Solid Carbide End Mills	\$ 122.21
NCM4578-125	5	Standard	Rad.	1/2 X 1/2 X 1 X 6 .125R	Solid Carbide End Mills	\$ 122.21
NCM4580-031	5	Standard	Rad.	5/8 X 5/8 X 3/4 X 3 .031R	Solid Carbide End Mills	\$ 122.27
NCM4580-031W	5	Standard	Rad.	EM C 5/8 5FL 3/4LOC .030RAD ALTIN	Solid Carbide End Mills	\$ 132.30
NCM4580-063	5	Standard	Rad.	5/8 X 5/8 X 3/4 X 3 .063R	Solid Carbide End Mills	\$ 122.27
NCM4580-094	5	Standard	Rad.	5/8 X 5/8 X 3/4 X 3 .094R	Solid Carbide End Mills	\$ 122.27
NCM4580-125	5	Standard	Rad.	5/8 X 5/8 X 3/4 X 3 .125R	Solid Carbide End Mills	\$ 122.27
NCM4582-031	5	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 3-1/2 .031R	Solid Carbide End Mills	\$ 139.47
NCM4582-031W	5	Standard	Rad.	EM C 5/8 5FL 1-1/4LOC .031RAD ALTIN	Solid Carbide End Mills	\$ 144.15
NCM4582-063	5	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 3-1/2 .063R	Solid Carbide End Mills	\$ 139.47
NCM4582-094	5	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 3-1/2 .094R	Solid Carbide End Mills	\$ 139.47
NCM4582-125	5	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 3-1/2 .125R	Solid Carbide End Mills	\$ 139.47
NCM4584-031	5	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .031R	Solid Carbide End Mills	\$ 202.69
NCM4584-031W	5	Standard	Rad.	EM C 5/8 5FL 2-1/4LOC .031RAD ALTIN	Solid Carbide End Mills	\$ 206.17
NCM4584-063	5	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .063R	Solid Carbide End Mills	\$ 202.69
NCM4584-094	5	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .094R	Solid Carbide End Mills	\$ 202.69
NCM4584-125	5	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .125R	Solid Carbide End Mills	\$ 202.69
NCM4584-125W	5	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .125R	Solid Carbide End Mills	\$ 208.21
NCM4586-031	5	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 6 .031R	Solid Carbide End Mills	\$ 207.82
NCM4586-063	5	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 6 .063R	Solid Carbide End Mills	\$ 207.82
NCM4586-094	5	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 6 .094R	Solid Carbide End Mills	\$ 207.82
NCM4586-125	5	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 6 .125R	Solid Carbide End Mills	\$ 207.82
NCM4586W	5	Standard	Rad.	EM C 5/8 5FL 1-1/4LOC .030RAD ALTIN	Solid Carbide End Mills	\$ 211.29
NCM4588-031	5	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .031R	Solid Carbide End Mills	\$ 184.28
NCM4588-031W	5	Standard	Rad.	EM C 3/4 5FL 7/8LOC .030RAD ALTIN	Solid Carbide End Mills	\$ 188.31
NCM4588-063	5	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .063R	Solid Carbide End Mills	\$ 183.62
NCM4588-094	5	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .094R	Solid Carbide End Mills	\$ 183.62
NCM4588-125	5	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .125R	Solid Carbide End Mills	\$ 183.62
NCM4588-188	5	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .188R	Solid Carbide End Mills	\$ 183.62
NCM4588-250	5	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .250R	Solid Carbide End Mills	\$ 183.62
NCM4590-016	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4 .016RAD ALTIN	Solid Carbide End Mills	\$ 212.12
NCM4590-031	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4 .031R	Solid Carbide End Mills	\$ 212.12
NCM4590-031W	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4 .031R	Solid Carbide End Mills	\$ 218.52
NCM4590-063	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4 .063R	Solid Carbide End Mills	\$ 212.12

NCM4590-063W	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4 .063R	Solid Carbide End Mills	\$ 217.63
NCM4590-094	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4 .094R	Solid Carbide End Mills	\$ 212.12
NCM4590-125	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4 .125R	Solid Carbide End Mills	\$ 212.12
NCM4590-188	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4 .188R	Solid Carbide End Mills	\$ 212.12
NCM4590-250	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4 .250R	Solid Carbide End Mills	\$ 212.12
NCM4592-031	5	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .031R	Solid Carbide End Mills	\$ 260.52
NCM4592-031W	5	Standard	Rad.	EM C 3/4 5FL 2-1/4LOC .031RAD ALTIN	Solid Carbide End Mills	\$ 264.54
NCM4592-063	5	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .063R	Solid Carbide End Mills	\$ 260.52
NCM4592-094	5	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .094R	Solid Carbide End Mills	\$ 260.52
NCM4592-125	5	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .125R	Solid Carbide End Mills	\$ 260.52
NCM4592-188	5	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .188R	Solid Carbide End Mills	\$ 260.52
NCM4592-250	5	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .250R	Solid Carbide End Mills	\$ 260.52
NCM4594-031	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .031R	Solid Carbide End Mills	\$ 273.92
NCM4594-031W	5	Standard	Rad.	EM C 3/4 5FL 1-1/2LOC .031RAD ALTIN	Solid Carbide End Mills	\$ 278.00
NCM4594-063	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .063R	Solid Carbide End Mills	\$ 273.92
NCM4594-094	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .094R	Solid Carbide End Mills	\$ 273.92
NCM4594-125	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .125R	Solid Carbide End Mills	\$ 273.92
NCM4594-125W	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .125R	Solid Carbide End Mills	\$ 279.43
NCM4594-188	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .188R	Solid Carbide End Mills	\$ 273.92
NCM4594-250	5	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .250R	Solid Carbide End Mills	\$ 273.92
NCM4596-031	5	Standard	Rad.	1 X 1 X 1-1/2 X 4 .031R	Solid Carbide End Mills	\$ 297.29
NCM4596-031W	5	Standard	Rad.	EM C 1 5FL 1-1/2LOC .030RAD ALTIN	Solid Carbide End Mills	\$ 323.91
NCM4596-063	5	Standard	Rad.	1 X 1 X 1-1/2 X 4 .063R	Solid Carbide End Mills	\$ 297.29
NCM4596-094	5	Standard	Rad.	1 X 1 X 1-1/2 X 4 .094R	Solid Carbide End Mills	\$ 297.29
NCM4596-125	5	Standard	Rad.	1 X 1 X 1-1/2 X 4 .125R	Solid Carbide End Mills	\$ 297.29
NCM4596-188	5	Standard	Rad.	1 X 1 X 1-1/2 X 4 .188R	Solid Carbide End Mills	\$ 297.29
NCM4596-250	5	Standard	Rad.	1 X 1 X 1-1/2 X 4 .250R	Solid Carbide End Mills	\$ 297.29
NCM4598-031	5	Standard	Rad.	1 X 1 X 2-1/2 X 5 .031R	Solid Carbide End Mills	\$ 424.79
NCM4598-031W	5	Standard	Rad.	EM C 1 5FL 2-1/2LOC .030RAD ALTIN	Solid Carbide End Mills	\$ 430.31
NCM4598-063	5	Standard	Rad.	1 X 1 X 2-1/2 X 5 .063R	Solid Carbide End Mills	\$ 424.79
NCM4598-094	5	Standard	Rad.	1 X 1 X 2-1/2 X 5 .094R	Solid Carbide End Mills	\$ 424.79
NCM4598-125	5	Standard	Rad.	1 X 1 X 2-1/2 X 5 .125R	Solid Carbide End Mills	\$ 424.79
NCM4598-188	5	Standard	Rad.	1 X 1 X 2-1/2 X 5 .188R	Solid Carbide End Mills	\$ 424.79
NCM4598-188W	5	Standard	Rad.	1 X 1 X 2-1/2 X 5 .188R	Solid Carbide End Mills	\$ 428.10
NCM4598-250	5	Standard	Rad.	1 X 1 X 2-1/2 X 5 .250R	Solid Carbide End Mills	\$ 424.79
NCM6010	4	Standard	Ball	1/8 X 1/8 X 1/2 X 2 BALL ALTIN	Solid Carbide End Mills	\$ 18.52
NCM6012	4	Standard	Ball	3/16 X 3/16 X 9/16 X 2 BALL ALTIN	Solid Carbide End Mills	\$ 25.74
NCM6016	4	Standard	Ball	1/4 X 1/4 X 3/4 X 2-1/2 BALL ALTIN	Solid Carbide End Mills	\$ 33.30
NCM6016W	4	Standard	Ball	1/4 X 1/4 X 3/4 X 2-1/2 BALL ALTIN	Solid Carbide End Mills	\$ 36.60
NCM6020	4	Standard	Ball	5/16 X 5/16 X 13/16 X 2-1/2 BALL AL	Solid Carbide End Mills	\$ 41.78

NCM6024	4	Standard	Ball	3/8 X 3/8 X 1 X 2-1/2 BALL ALTIN	Solid Carbide End Mills	\$ 50.00
NCM6024W	4	Standard	Ball	3/8 X 3/8 X 1 X 2-1/2 BALL ALTIN	Solid Carbide End Mills	\$ 51.66
NCM6028	4	Standard	Ball	7/16 X 7/16 X 1 X 2-3/4 BALL ALTIN	Solid Carbide End Mills	\$ 62.90
NCM6032	4	Standard	Ball	1/2 X 1/2 X 1-1/4 X 3 BALL ALTIN	Solid Carbide End Mills	\$ 78.06
NCM6034	4	Standard	Ball	5/8 X 5/8 X 1-5/8 X 3-1/2 BALL ALTI	Solid Carbide End Mills	\$ 122.87
NCM6036	4	Standard	Ball	3/4 X 3/4 X 1-5/8 X 4 BALL ALTIN	Solid Carbide End Mills	\$ 187.15
NCM6037	4	Standard	Ball	3/4 X 3/4 X 2-1/4 X 5 BALL ALTIN	Solid Carbide End Mills	\$ 222.87
NCM6040	4	Standard	Ball	1 X 1 X 2 X 4 BALL ALTIN	Solid Carbide End Mills	\$ 309.53
NCM7010	4	Standard	Sq.	1/4 X 1/4 X 3/8 X 2	Solid Carbide End Mills	\$ 39.63
NCM7010-016	4	Standard	Sq.	1/4 X 1/4 X 3/8 X 2	Solid Carbide End Mills	\$ 43.60
NCM7013	4	Standard	Sq.	1/4 X 1/4 X 3/4 X 2-1/2	Solid Carbide End Mills	\$ 43.82
NCM7013-016	4	Standard	Rad.	1/4 X 1/4 X 3/4 X 2-1/2 .016R	Solid Carbide End Mills	\$ 48.23
NCM7016	4	Standard	Sq.	1/4 X 1/4 X 1-1/8 X 3	Solid Carbide End Mills	\$ 49.45
NCM7016-016	4	Standard	Sq.	1/4 X 1/4 X 1-1/8 X 3	Solid Carbide End Mills	\$ 54.41
NCM7020	4	Standard	Sq.	5/16 X 5/16 X 1/2 X 2	Solid Carbide End Mills	\$ 52.15
NCM7020-016	4	Standard	Rad.	5/16 X 5/16 X 1/2 X 2 .016R	Solid Carbide End Mills	\$ 57.39
NCM7020-031	4	Standard	Rad.	5/16 X 5/16 X 1/2 X 2 .031R	Solid Carbide End Mills	\$ 57.39
NCM7023	4	Standard	Sq.	5/16 X 5/16 X 13/16 X 2-1/2	Solid Carbide End Mills	\$ 54.74
NCM7023-016	4	Standard	Rad.	5/16 X 5/16 X 13/16 X 2-1/2 .016R	Solid Carbide End Mills	\$ 60.25
NCM7023-031	4	Standard	Sq.	5/16 X 5/16 X 13/16 X 2-1/2	Solid Carbide End Mills	\$ 60.25
NCM7026	4	Standard	Sq.	5/16 X 5/16 X 1-1/8 X 3	Solid Carbide End Mills	\$ 58.87
NCM7026-016	4	Standard	Rad.	5/16 X 5/16 X 1-1/8 X 3 .016R	Solid Carbide End Mills	\$ 64.77
NCM7026-031	4	Standard	Rad.	5/16 X 5/16 X 1-1/8 X 3 .031R	Solid Carbide End Mills	\$ 64.77
NCM7026-090	4	Standard	Rad.	5/16 X 5/16 X 1-1/8 X 3 .090R	Solid Carbide End Mills	\$ 46.42
NCM7026-094	4	Standard	Rad.	5/16 X 5/16 X 1-1/8 X 3 .094R	Solid Carbide End Mills	\$ 64.77
NCM7030	4	Standard	Sq.	3/8 X 3/8 X 9/16 X 2	Solid Carbide End Mills	\$ 58.32
NCM7030-016	4	Standard	Rad.	3/8 X 3/8 X 9/16 X 2 .016R	Solid Carbide End Mills	\$ 63.61
NCM7030-031	4	Standard	Rad.	3/8 X 3/8 X 9/16 X 2 .031R	Solid Carbide End Mills	\$ 63.61
NCM7030-063	4	Standard	Rad.	3/8 X 3/8 X 9/16 X 2 .063R	Solid Carbide End Mills	\$ 63.61
NCM7033	4	Standard	Sq.	3/8 X 3/8 X 1 X 2-1/2	Solid Carbide End Mills	\$ 63.28
NCM7033-016	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .016R	Solid Carbide End Mills	\$ 69.02
NCM7033-031	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 .031R	Solid Carbide End Mills	\$ 69.02
NCM7033-063	4	Standard	Rad.	3/8 X 3/8 X 1 X 2-1/2 X .063R	Solid Carbide End Mills	\$ 69.02
NCM7036	4	Standard	Sq.	3/8 X 3/8 X 1-1/2 X 3-1/2	Solid Carbide End Mills	\$ 74.91
NCM7036-016	4	Standard	Rad.	3/8 X 3/8 X 1-1/2 X 3-1/2 .016R	Solid Carbide End Mills	\$ 81.70
NCM7036-031	4	Standard	Rad.	3/8 X 3/8 X 1-1/2 X 3-1/2 .031R	Solid Carbide End Mills	\$ 81.70
NCM7036-063	4	Standard	Rad.	3/8 X 3/8 X 1-1/2 X 3-1/2 .063R	Solid Carbide End Mills	\$ 81.70
NCM7039	4	Standard	Sq.	33/8 X 3/8 X 2 X 4	Solid Carbide End Mills	\$ 83.68
NCM7039-016	4	Standard	Rad.	3/8 X 3/8 X 2 X 4 .016R	Solid Carbide End Mills	\$ 91.23
NCM7039-031	4	Standard	Rad.	3/8 X 3/8 X 2 X 4 .031R	Solid Carbide End Mills	\$ 91.23



NCM7039-063	4	Standard	Rad.	3/8 X 3/8 X 2 X 4 .063R	Solid Carbide End Mills	\$ 91.23
NCM7040	4	Standard	Sq.	7/16 X 7/16 X 9/16 X 2-3/4	Solid Carbide End Mills	\$ 72.60
NCM7040-031	4	Standard	Rad.	7/16 X 7/16 X 9/16 X 2-3/4 .031R	Solid Carbide End Mills	\$ 79.16
NCM7040-063	4	Standard	Rad.	7/16 X 7/16 X 9/16 X 2-3/4 .063R	Solid Carbide End Mills	\$ 79.16
NCM7043	4	Standard	Sq.	7/16 X 7/16 X 1 X 2-3/4	Solid Carbide End Mills	\$ 77.29
NCM7043-031	4	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .031R	Solid Carbide End Mills	\$ 84.29
NCM7043-063	4	Standard	Rad.	7/16 X 7/16 X 1 X 2-3/4 .063R	Solid Carbide End Mills	\$ 84.29
NCM7046	4	Standard	Sq.	7/16 X 7/16 X 2 X 4	Solid Carbide End Mills	\$ 99.89
NCM7046-031	4	Standard	Rad.	7/16 X 7/16 X 2 X 4 .031R	Solid Carbide End Mills	\$ 108.87
NCM7046-063	4	Standard	Rad.	7/16 X 7/16 X 2 X 4 .063R	Solid Carbide End Mills	\$ 108.87
NCM7050	4	Standard	Sq.	1/2 X 1/2 X 3/4 X 3	Solid Carbide End Mills	\$ 90.13
NCM7050-016	4	Standard	Rad.	1/2 X 1/2 X 3/4 X 3 .016R	Solid Carbide End Mills	\$ 97.35
NCM7050-031	4	Standard	Rad.	1/2 X 1/2 X 3/4 X 3 .031R	Solid Carbide End Mills	\$ 97.35
NCM7050-063	4	Standard	Rad.	1/2 X 1/2 X 3/4 X 3 .063R	Solid Carbide End Mills	\$ 97.35
NCM7050-094	4	Standard	Rad.	1/2 X 1/2 X 3/4 X 3 .094R	Solid Carbide End Mills	\$ 97.35
NCM7050-125	4	Standard	Rad.	1/2 X 1/2 X 3/4 X 3 .125R	Solid Carbide End Mills	\$ 97.35
NCM7050W	4	Standard	Sq.	1/2 X 1/2 X 3/4 X 3	Solid Carbide End Mills	\$ 93.44
NCM7053	4	Standard	Sq.	1/2 X 1/2 X 1 X 3	Solid Carbide End Mills	\$ 93.22
NCM7053-016	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .016R	Solid Carbide End Mills	\$ 100.71
NCM7053-016W	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .016R	Solid Carbide End Mills	\$ 104.02
NCM7053-031	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .031R	Solid Carbide End Mills	\$ 100.71
NCM7053-031W	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .031R	Solid Carbide End Mills	\$ 104.02
NCM7053-063	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .063R	Solid Carbide End Mills	\$ 100.71
NCM7053-094	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .094R	Solid Carbide End Mills	\$ 100.71
NCM7053-125	4	Standard	Rad.	1/2 X 1/2 X 1 X 3 .125R	Solid Carbide End Mills	\$ 100.71
NCM7053W	4	Standard	Sq.	1/2 X 1/2 X 1 X 3	Solid Carbide End Mills	\$ 96.52
NCM7056	4	Standard	Sq.	1/2 X 1/2 X 1-1/2 X 4	Solid Carbide End Mills	\$ 110.69
NCM7056-016	4	Standard	Rad.	1/2 X 1/2 X 1-1/2 X 4 .016R	Solid Carbide End Mills	\$ 119.57
NCM7056-031	4	Standard	Rad.	1/2 X 1/2 X 1-1/2 X 4 .031R	Solid Carbide End Mills	\$ 119.57
NCM7056-063	4	Standard	Rad.	1/2 X 1/2 X 1-1/2 X 4 .063R	Solid Carbide End Mills	\$ 119.57
NCM7056-094	4	Standard	Rad.	1/2 X 1/2 X 1-1/2 X 4 .094R	Solid Carbide End Mills	\$ 119.57
NCM7056-125	4	Standard	Rad.	1/2 X 1/2 X 1-1/2 X 4 .125R	Solid Carbide End Mills	\$ 119.57
NCM7059	4	Standard	Sq.	1/2 X 1/2 X 2 X 4	Solid Carbide End Mills	\$ 114.66
NCM7059-031	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .031R	Solid Carbide End Mills	\$ 123.87
NCM7059-031-LATUMA	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .031R	Solid Carbide End Mills	\$ 74.47
NCM7059-063	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .063R	Solid Carbide End Mills	\$ 123.87
NCM7059-094	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .094R	Solid Carbide End Mills	\$ 123.87
NCM7059-125	4	Standard	Rad.	1/2 X 1/2 X 2 X 4 .125R	Solid Carbide End Mills	\$ 123.87
NCM7060	4	Standard	Sq.	5/8 X 5/8 X 3/4 X 3	Solid Carbide End Mills	\$ 126.73
NCM7060-063	4	Standard	Rad.	5/8 X 5/8 X 3/4 X 3 .063R	Solid Carbide End Mills	\$ 136.88

NCM7060-094	4	Standard	Rad.	5/8 X 5/8 X 3/4 X 3 .094R	Solid Carbide End Mills	\$ 136.88
NCM7060-125	4	Standard	Rad.	5/8 X 5/8 X 3/4 X 3 .125R	Solid Carbide End Mills	\$ 136.88
NCM7063	4	Standard	Sq.	5/8 X 5/8 X 1-5/8 X 4	Solid Carbide End Mills	\$ 152.03
NCM7063-031	4	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 4 .031R	Solid Carbide End Mills	\$ 164.22
NCM7063-063	4	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 4 .063R	Solid Carbide End Mills	\$ 164.22
NCM7063-094	4	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 4 .094R	Solid Carbide End Mills	\$ 164.22
NCM7063-125	4	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 4 .125R	Solid Carbide End Mills	\$ 164.22
NCM7066	4	Standard	Sq.	5/8 X 5/8 X 2-1/4 X 5	Solid Carbide End Mills	\$ 188.20
NCM7066-031	4	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .031R	Solid Carbide End Mills	\$ 203.30
NCM7066-063	4	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .063R	Solid Carbide End Mills	\$ 203.30
NCM7066-094	4	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .094R	Solid Carbide End Mills	\$ 203.30
NCM7066-125	4	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .125R	Solid Carbide End Mills	\$ 203.30
NCM7070	4	Standard	Sq.	3/4 X 3/4 X 7/8 X 3	Solid Carbide End Mills	\$ 192.61
NCM7070-031	4	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .031R	Solid Carbide End Mills	\$ 206.11
NCM7070-063	4	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .063R	Solid Carbide End Mills	\$ 206.11
NCM7070-094	4	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .094R	Solid Carbide End Mills	\$ 206.11
NCM7070-125	4	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .125R	Solid Carbide End Mills	\$ 206.11
NCM7070-250	4	Standard	Rad.	3/4 X 3/4 X 7/8 X 3 .250R	Solid Carbide End Mills	\$ 206.11
NCM7073	4	Standard	Sq.	3/4 X 3/4 X 1-5/8 X 4	Solid Carbide End Mills	\$ 232.02
NCM7073-031	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .031R	Solid Carbide End Mills	\$ 248.28
NCM7073-063	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .063R	Solid Carbide End Mills	\$ 248.28
NCM7073-094	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .094R	Solid Carbide End Mills	\$ 248.28
NCM7073-125	4	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4 .125R	Solid Carbide End Mills	\$ 248.28
NCM7073W	4	Standard	Sq.	3/4 X 3/4 X 1-5/8 X 4	Solid Carbide End Mills	\$ 235.33
NCM7076	4	Standard	Sq.	3/4 X 3/4 X 2-1/4 X 5	Solid Carbide End Mills	\$ 275.63
NCM7076-031	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .031R	Solid Carbide End Mills	\$ 294.92
NCM7076-063	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .063R	Solid Carbide End Mills	\$ 294.92
NCM7076-094	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .094R	Solid Carbide End Mills	\$ 294.92
NCM7076-125	4	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .125R	Solid Carbide End Mills	\$ 294.92
NCM7076W	4	Standard	Sq.	3/4 X 3/4 X 2-1/4 X 5 WELDON	Solid Carbide End Mills	\$ 277.77
NCM7079	4	Standard	Sq.	3/4 X 3/4 X 3-1/4 X 6	Solid Carbide End Mills	\$ 304.23
NCM7079-031	4	Standard	Rad.	3/4 X 3/4 X 3-1/4 X 6 .031R	Solid Carbide End Mills	\$ 325.57
NCM7079-063	4	Standard	Rad.	3/4 X 3/4 X 3-1/4 X 6 .063R	Solid Carbide End Mills	\$ 325.57
NCM7079-094	4	Standard	Rad.	3/4 X 3/4 X 3-1/4 X 6 .094R	Solid Carbide End Mills	\$ 325.57
NCM7079-125	4	Standard	Rad.	3/4 X 3/4 X 3-1/4 X 6 .125R	Solid Carbide End Mills	\$ 325.57
NCM7080	4	Standard	Sq.	1 X 1 X 1-1/2 X 4	Solid Carbide End Mills	\$ 312.01
NCM7080-031	4	Standard	Rad.	1 X 1 X 1-1/2 X 4 .031R	Solid Carbide End Mills	\$ 333.89
NCM7080-063	4	Standard	Rad.	1 X 1 X 1-1/2 X 4 .063R	Solid Carbide End Mills	\$ 333.89
NCM7080-094	4	Standard	Rad.	1 X 1 X 1-1/2 X 4 .094R	Solid Carbide End Mills	\$ 333.89
NCM7080-125	4	Standard	Rad.	1 X 1 X 1-1/2 X 4 .125R	Solid Carbide End Mills	\$ 333.89

NCM7083	4	Standard	Sq.	1 X 1 X 2-1/2 X 5	Solid Carbide End Mills	\$ 445.52
NCM7083-031	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .031R	Solid Carbide End Mills	\$ 476.72
NCM7083-063	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .063R	Solid Carbide End Mills	\$ 476.72
NCM7083-094	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .094R	Solid Carbide End Mills	\$ 476.72
NCM7083-125	4	Standard	Rad.	1 X 1 X 2-1/2 X 5 .125R	Solid Carbide End Mills	\$ 476.72
NCM7086	4	Standard	Sq.	1 X 1 X 3-1/4 X 6	Solid Carbide End Mills	\$ 528.15
NCM7086-031	4	Standard	Rad.	1 X 1 X 3-1/4 X 6 .031R	Solid Carbide End Mills	\$ 565.14
NCM7086-063	4	Standard	Rad.	1 X 1 X 3-1/4 X 6 .063R	Solid Carbide End Mills	\$ 565.14
NCM7086-094	4	Standard	Rad.	1 X 1 X 3-1/4 X 6 .094R	Solid Carbide End Mills	\$ 565.14
NCM7086-125	4	Standard	Rad.	1 X 1 X 3-1/4 X 6 .125R	Solid Carbide End Mills	\$ 565.14
NCM7086-188	4	Standard	Rad.	1 X 1 X 3-1/4 X 6 .188R	Solid Carbide End Mills	\$ 565.14
NCM7089	4	Standard	Sq.	1 X 1 X 4-1/4 X 7	Solid Carbide End Mills	\$ 601.63
NCM7089-031	4	Standard	Sq.	1 X 1 X 4-1/4 X 7	Solid Carbide End Mills	\$ 643.75
NCM7089-063	4	Standard	Rad.	1 X 1 X 4-1/4 X 7 .063R	Solid Carbide End Mills	\$ 643.75
NCM7089-094	4	Standard	Rad.	1 X 1 X 4-1/4 X 7 .094R	Solid Carbide End Mills	\$ 643.75
NCM7089-125	4	Standard	Rad.	1 X 1 X 4-1/4 X 7 .125R	Solid Carbide End Mills	\$ 643.75
NCM7089-250	4	Standard	Rad.	1 X 1 X 4-1/4 X 7 .250R	Solid Carbide End Mills	\$ 643.75
NCM8401	4	Xtra Lgth	Sq.	1/8 X 1/8 X 5/32 X 3 3/8LBS	Solid Carbide End Mills	\$ 39.91
NCM8401-016	4	Xtra Lgth	Rad.	1/8 X 1/8 X 5/32 X 3 .016R 3/8LBS	Solid Carbide End Mills	\$ 43.22
NCM8403	4	Xtra Lgth	Sq.	1/8 X 1/8 X 5/32 X 3 1/2LBS	Solid Carbide End Mills	\$ 40.08
NCM8403-016	4	Xtra Lgth	Rad.	1/8 X 1/8 X 5/32 X 3 .016R 1/2LBS	Solid Carbide End Mills	\$ 43.38
NCM8405	4	Xtra Lgth	Sq.	1/8 X 1/8 X 5/32 X 3 5/8LBS	Solid Carbide End Mills	\$ 40.13
NCM8405-016	4	Xtra Lgth	Rad.	1/8 X 1/8 X 5/32 X 3 .016R 5/8LBS	Solid Carbide End Mills	\$ 43.44
NCM8411	4	Xtra Lgth	Sq.	3/16 X 3/16 X 7/32 X 3 1/2LBS	Solid Carbide End Mills	\$ 46.69
NCM8411-016	4	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .016R 1/2LBS	Solid Carbide End Mills	\$ 49.83
NCM8411-031	4	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .031R 1/2LBS	Solid Carbide End Mills	\$ 49.83
NCM8411-063	4	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .063R 1/2LBS	Solid Carbide End Mills	\$ 49.83
NCM8413	4	Xtra Lgth	Sq.	3/16 X 3/16 X 7/32 X 3 3/4LBS	Solid Carbide End Mills	\$ 47.08
NCM8413-016	4	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .016R 3/4LBS	Solid Carbide End Mills	\$ 50.27
NCM8413-031	4	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .031R 3/4LBS	Solid Carbide End Mills	\$ 50.27
NCM8413-063	4	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .063R 3/4LBS	Solid Carbide End Mills	\$ 50.27
NCM8421	4	Xtra Lgth	Sq.	1/4 X 1/4 X 7/32 X 4 3/4LBS	Solid Carbide End Mills	\$ 56.67
NCM8421-016	4	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .016R 3/4LBS	Solid Carbide End Mills	\$ 60.42
NCM8421-031	4	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .031R 3/4LBS	Solid Carbide End Mills	\$ 60.42
NCM8421-063	4	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .063R 3/4LBS	Solid Carbide End Mills	\$ 60.42
NCM8423	4	Xtra Lgth	Sq.	1/4 X 1/4 X 3/8 X 4 1-1/8LBS	Solid Carbide End Mills	\$ 57.44
NCM8423-016	4	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .016R 1-1/8LBS	Solid Carbide End Mills	\$ 61.24
NCM8423-031	4	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .031R 1-1/8LBS	Solid Carbide End Mills	\$ 61.24
NCM8423-063	4	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .063R 1-1/8LBS	Solid Carbide End Mills	\$ 61.24
NCM8425	4	Xtra Lgth	Sq.	1/4 X 1/4 X 3/8 X 4 2-1/8LBS	Solid Carbide End Mills	\$ 59.48

NCM8425-016	4	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .016R 2-1/8LBS	Solid Carbide End Mills	\$ 63.45
NCM8425-031	4	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .031R 2-1/8LBS	Solid Carbide End Mills	\$ 63.45
NCM8425-063	4	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .063R 2-1/8LBS	Solid Carbide End Mills	\$ 63.45
NCM8441	4	Xtra Lgth	Sq.	3/8 X 3/8 X 1/2 X 4 1-1/8LBS	Solid Carbide End Mills	\$ 81.03
NCM8441-016	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 4 .016R 1-1/8LBS	Solid Carbide End Mills	\$ 85.33
NCM8441-031	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 4 .031R 1-1/8LBS	Solid Carbide End Mills	\$ 85.33
NCM8441-063	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 4 .063R 1-1/8LBS	Solid Carbide End Mills	\$ 85.33
NCM8441-094	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 4 .094R 1-1/8LBS	Solid Carbide End Mills	\$ 85.33
NCM8443	4	Xtra Lgth	Sq.	3/8 X 3/8 X 1/2 X 6 2-3/8LBS	Solid Carbide End Mills	\$ 104.63
NCM8443-016	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .016R 2-3/8LBS	Solid Carbide End Mills	\$ 110.19
NCM8443-031	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .031R 2-3/8LBS	Solid Carbide End Mills	\$ 110.19
NCM8443-063	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .063R 2-3/8LBS	Solid Carbide End Mills	\$ 110.19
NCM8443-094	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .094R 2-3/8LBS	Solid Carbide End Mills	\$ 110.19
NCM8445	4	Xtra Lgth	Sq.	3/8 X 3/8 X 1/2 X 6 3-3/8LBS	Solid Carbide End Mills	\$ 107.33
NCM8445-016	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .016R 3-3/8LBS	Solid Carbide End Mills	\$ 113.06
NCM8445-031	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .031R 3-3/8LBS	Solid Carbide End Mills	\$ 113.06
NCM8445-063	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .063R 3-3/8LBS	Solid Carbide End Mills	\$ 113.06
NCM8445-094	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .094R 3-3/8LBS	Solid Carbide End Mills	\$ 113.06
NCM8447	4	Xtra Lgth	Sq.	3/8 X 3/8 X 1/2 X 6 4LBS	Solid Carbide End Mills	\$ 109.04
NCM8447-016	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .016R 4LBS	Solid Carbide End Mills	\$ 114.83
NCM8447-031	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .031R 4LBS	Solid Carbide End Mills	\$ 114.83
NCM8447-063	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .063R 4LBS	Solid Carbide End Mills	\$ 114.83
NCM8447-094	4	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .094R 4LBS	Solid Carbide End Mills	\$ 114.83
NCM8461	4	Xtra Lgth	Sq.	1/2 X 1/2 X 5/8 X 4 1-3/8LBS	Solid Carbide End Mills	\$ 105.01
NCM8461-016	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .016R 1-3/8LBS	Solid Carbide End Mills	\$ 110.58
NCM8461-031	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .031R 1-3/8LBS	Solid Carbide End Mills	\$ 110.58
NCM8461-063	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .063R 1-3/8LBS	Solid Carbide End Mills	\$ 110.58
NCM8461-094	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .094R 1-3/8LBS	Solid Carbide End Mills	\$ 110.58
NCM8461-125	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .125R 1-3/8LBS	Solid Carbide End Mills	\$ 110.58
NCM8463	4	Xtra Lgth	Sq.	1/2 X 1/2 X 5/8 X 6 2-3/8LBS	Solid Carbide End Mills	\$ 133.02
NCM8463-016	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .016R 2-3/8LBS	Solid Carbide End Mills	\$ 140.07
NCM8463-031	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .031R 2-3/8LBS	Solid Carbide End Mills	\$ 140.07
NCM8463-063	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .063R 2-3/8LBS	Solid Carbide End Mills	\$ 140.07
NCM8463-094	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .094R 2-3/8LBS	Solid Carbide End Mills	\$ 140.07
NCM8463-125	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .125R 2-3/8LBS	Solid Carbide End Mills	\$ 140.07
NCM8465	4	Xtra Lgth	Sq.	1/2 X 1/2 X 5/8 X 6 3-3/8LBS	Solid Carbide End Mills	\$ 136.49
NCM8465-016	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .016R 3-3/8LBS	Solid Carbide End Mills	\$ 143.77
NCM8465-031	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .031R 3-3/8LBS	Solid Carbide End Mills	\$ 143.77
NCM8465-063	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .063R 3-3/8LBS	Solid Carbide End Mills	\$ 143.77
NCM8465-094	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .094R 3-3/8LBS	Solid Carbide End Mills	\$ 143.77

NCM8465-125	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .125R 3-3/8LBS	Solid Carbide End Mills	\$ 143.77
NCM8467	4	Xtra Lgth	Sq.	1/2 X 1/2 X 5/8 X 6 4-1/8LBS	Solid Carbide End Mills	\$ 139.30
NCM8467-016	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .016R 4-1/8LBS	Solid Carbide End Mills	\$ 146.69
NCM8467-031	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .031R 4-1/8LBS	Solid Carbide End Mills	\$ 146.69
NCM8467-063	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .063R 4-1/8LBS	Solid Carbide End Mills	\$ 146.69
NCM8467-094	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .094R 4-1/8LBS	Solid Carbide End Mills	\$ 146.69
NCM8467-125	4	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .125R 4-1/8LBS	Solid Carbide End Mills	\$ 146.69
NCM8471	4	Xtra Lgth	Sq.	5/8 X 5/8 X 3/4 X 4 1-5/8LBS	Solid Carbide End Mills	\$ 139.14
NCM8471-031	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 4 .031R 1-5/8LBS	Solid Carbide End Mills	\$ 146.14
NCM8471-063	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 4 .063R 1-5/8LBS	Solid Carbide End Mills	\$ 146.14
NCM8471-094	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 4 .094R 1-5/8LBS	Solid Carbide End Mills	\$ 146.14
NCM8471-125	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 4 .0125R 1-5/8LBS	Solid Carbide End Mills	\$ 146.14
NCM8473	4	Xtra Lgth	Sq.	5/8 X 5/8 X 3/4 X 6 2-3/8LBS	Solid Carbide End Mills	\$ 176.07
NCM8473-031	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .031R 2-3/8LBS	Solid Carbide End Mills	\$ 184.89
NCM8473-063	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .063R 2-3/8LBS	Solid Carbide End Mills	\$ 184.89
NCM8473-094	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .094R 2-3/8LBS	Solid Carbide End Mills	\$ 184.89
NCM8473-125	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .125R 2-3/8LBS	Solid Carbide End Mills	\$ 184.89
NCM8475	4	Xtra Lgth	Sq.	5/8 X 5/8 X 3/4 X 6 3-3/8LBS	Solid Carbide End Mills	\$ 180.70
NCM8475-031	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .031R 3-3/8LBS	Solid Carbide End Mills	\$ 189.74
NCM8475-063	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .063R 3-3/8LBS	Solid Carbide End Mills	\$ 189.74
NCM8475-094	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .094R 3-3/8LBS	Solid Carbide End Mills	\$ 189.74
NCM8475-125	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .125R 3-3/8LBS	Solid Carbide End Mills	\$ 189.74
NCM8477	4	Xtra Lgth	Sq.	5/8 X 5/8 X 3/4 X 6 4-1/8LBS	Solid Carbide End Mills	\$ 184.23
NCM8477-031	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .031R 4-1/8LBS	Solid Carbide End Mills	\$ 193.49
NCM8477-063	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .063R 4-1/8LBS	Solid Carbide End Mills	\$ 193.49
NCM8477-094	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .094R 4-1/8LBS	Solid Carbide End Mills	\$ 193.49
NCM8477-125	4	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .125R 4-1/8LBS	Solid Carbide End Mills	\$ 193.49
NCM8481	4	Xtra Lgth	Sq.	3/4 X 3/4 X 1 X 6 2-1/2LBS	Solid Carbide End Mills	\$ 232.52
NCM8481-031	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .031R 2-1/2LBS	Solid Carbide End Mills	\$ 243.71
NCM8481-063	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .063R 2-1/2LBS	Solid Carbide End Mills	\$ 243.71
NCM8481-094	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .094R 2-1/2LBS	Solid Carbide End Mills	\$ 243.71
NCM8481-125	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .125R 2-1/2LBS	Solid Carbide End Mills	\$ 243.71
NCM8481-188	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .188R 2-1/2LBS	Solid Carbide End Mills	\$ 243.71
NCM8481-250	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .250R 2-1/2LBS	Solid Carbide End Mills	\$ 243.71
NCM8483	4	Xtra Lgth	Sq.	3/4 X 3/4 X 1 X 6 3-3/8LBS	Solid Carbide End Mills	\$ 237.37
NCM8483-031	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .031R 3-3/8LBS	Solid Carbide End Mills	\$ 248.78
NCM8483-063	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .063R 3-3/8LBS	Solid Carbide End Mills	\$ 248.78
NCM8483-094	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .094R 3-3/8LBS	Solid Carbide End Mills	\$ 248.78
NCM8483-125	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .125R 3-3/8LBS	Solid Carbide End Mills	\$ 248.78
NCM8483-188	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .188R 3-3/8LBS	Solid Carbide End Mills	\$ 248.78

NCM8483-250	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .250R 3-3/8LBS	Solid Carbide End Mills	\$ 248.78
NCM8485	4	Xtra Lgth	Sq.	3/4 X 3/4 X 1 X 6 4-1/8LBS	Solid Carbide End Mills	\$ 241.56
NCM8485-031	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .031R 4-1/8LBS	Solid Carbide End Mills	\$ 253.19
NCM8485-063	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .063R 4-1/8LBS	Solid Carbide End Mills	\$ 253.19
NCM8485-094	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .094R 4-1/8LBS	Solid Carbide End Mills	\$ 253.19
NCM8485-125	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .125R 4-1/8LBS	Solid Carbide End Mills	\$ 253.19
NCM8485-188	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .188R 4-1/8LBS	Solid Carbide End Mills	\$ 253.19
NCM8485-250	4	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .250R 4-1/8LBS	Solid Carbide End Mills	\$ 253.19
NCM8491	4	Xtra Lgth	Sq.	1 X 1 X 1-1/4 X 6 2-1/2LBS	Solid Carbide End Mills	\$ 363.16
NCM8491-031	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .031R 2-1/2LBS	Solid Carbide End Mills	\$ 379.54
NCM8491-063	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .063R 2-1/2LBS	Solid Carbide End Mills	\$ 379.54
NCM8491-094	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .094R 2-1/2LBS	Solid Carbide End Mills	\$ 379.54
NCM8491-125	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .125R 2-1/2LBS	Solid Carbide End Mills	\$ 379.54
NCM8491-188	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .188R 2-1/2LBS	Solid Carbide End Mills	\$ 379.54
NCM8491-250	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .250R 2-1/2LBS	Solid Carbide End Mills	\$ 379.54
NCM8493	4	Xtra Lgth	Sq.	1 X 1 X 1-1/4 X 6 3-3/8LBS	Solid Carbide End Mills	\$ 369.50
NCM8493-031	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .031R 3-3/8LBS	Solid Carbide End Mills	\$ 386.15
NCM8493-063	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .063R 3-3/8LBS	Solid Carbide End Mills	\$ 386.15
NCM8493-094	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .094R 3-3/8LBS	Solid Carbide End Mills	\$ 386.15
NCM8493-125	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .125R 3-3/8LBS	Solid Carbide End Mills	\$ 386.15
NCM8493-188	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .188R 3-3/8LBS	Solid Carbide End Mills	\$ 386.15
NCM8493-250	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .250R 3-3/8LBS	Solid Carbide End Mills	\$ 386.15
NCM8495	4	Xtra Lgth	Sq.	1 X 1 X 1-1/4 X 6 4-1/8LBS	Solid Carbide End Mills	\$ 374.96
NCM8495-031	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .031R 4-1/8LBS	Solid Carbide End Mills	\$ 391.83
NCM8495-063	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .063R 4-1/8LBS	Solid Carbide End Mills	\$ 391.83
NCM8495-094	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .094R 4-1/8LBS	Solid Carbide End Mills	\$ 391.83
NCM8495-125	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .125R 4-1/8LBS	Solid Carbide End Mills	\$ 391.83
NCM8495-188	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .188R 4-1/8LBS	Solid Carbide End Mills	\$ 391.83
NCM8495-250	4	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .250R 4-1/8LBS	Solid Carbide End Mills	\$ 391.83
NCM8501	4	Xtra Lgth	Ball	1/8 X 1/8 X 5/32 X 3 BALL 3/8LBS	Solid Carbide End Mills	\$ 45.70
NCM8503	4	Xtra Lgth	Ball	1/8 X 1/8 X 5/32 X 3 BALL 1/2LBS	Solid Carbide End Mills	\$ 45.92
NCM8505	4	Xtra Lgth	Ball	1/8 X 1/8 X 5/32 X 3 BALL 5/8LBS	Solid Carbide End Mills	\$ 45.97
NCM8511	4	Xtra Lgth	Ball	3/16 X 3/16 X 7/32 X 3 BALL 1/2LBS	Solid Carbide End Mills	\$ 52.04
NCM8513	4	Xtra Lgth	Ball	3/16 X 3/16 X 7/32 X 3 BALL 3/4LBS	Solid Carbide End Mills	\$ 52.48
NCM8521	4	Xtra Lgth	Ball	1/4 X 1/4 X 3/8 X 4 BALL 3/4LBS	Solid Carbide End Mills	\$ 63.06
NCM8523	4	Xtra Lgth	Ball	1/4 X 1/4 X 3/8 X 4 BALL 1-1/8LBS	Solid Carbide End Mills	\$ 63.89
NCM8525	4	Xtra Lgth	Ball	1/4 X 1/4 X 3/8 X 4 BALL 2-1/8LBS	Solid Carbide End Mills	\$ 66.15
NCM8541	4	Xtra Lgth	Ball	3/8 X 3/8 X 3/8 X 4 BALL 1-1/8LBS	Solid Carbide End Mills	\$ 87.92
NCM8543	4	Xtra Lgth	Ball	3/8 X 3/8 X 1/2 X 6 BALL 2-3/8LBS	Solid Carbide End Mills	\$ 113.56
NCM8545	4	Xtra Lgth	Ball	3/8 X 3/8 X 1/2 X 6 BALL 3-3/8LBS	Solid Carbide End Mills	\$ 116.48

NCM8547	4	Xtra Lgth	Ball	3/8 X 3/8 X 1/2 X 6 BALL 4LBS	Solid Carbide End Mills	\$ 118.35
NCM8561	4	Xtra Lgth	Ball	1/2 X 1/2 X 5/8 X 4 BALL 1-3/8LBS	Solid Carbide End Mills	\$ 113.94
NCM8563	4	Xtra Lgth	Ball	1/2 X 1/2 X 5/8 X 6 BALL 2-3/8LBS	Solid Carbide End Mills	\$ 144.37
NCM8565	4	Xtra Lgth	Ball	1/2 X 1/2 X 5/8 X 6 BALL 3-3/8LBS	Solid Carbide End Mills	\$ 148.12
NCM8567	4	Xtra Lgth	Ball	1/2 X 1/2 X 5/8 X 6 BALL 4-1/8LBS	Solid Carbide End Mills	\$ 151.15
NCM8571	4	Xtra Lgth	Ball	5/8 X 5/8 X 3/4 X 4 BALL 1-5/8LBS	Solid Carbide End Mills	\$ 150.27
NCM8573	4	Xtra Lgth	Ball	5/8 X 5/8 X 3/4 X 6 BALL 2-3/8LBS	Solid Carbide End Mills	\$ 190.18
NCM8575	4	Xtra Lgth	Ball	5/8 X 5/8 X 3/4 X 6 BALL 3-3/8LBS	Solid Carbide End Mills	\$ 195.20
NCM8577	4	Xtra Lgth	Ball	5/8 X 5/8 X 3/4 X 6 BALL 4-1/8LBS	Solid Carbide End Mills	\$ 199.00
NCM8581	4	Xtra Lgth	Ball	3/4 X 3/4 X 1 X 6 BALL 2-1/2LBS	Solid Carbide End Mills	\$ 250.21
NCM8583	4	Xtra Lgth	Ball	3/4 X 3/4 X 1 X 6 BALL 3-3/8LBS	Solid Carbide End Mills	\$ 255.45
NCM8585	4	Xtra Lgth	Ball	3/4 X 3/4 X 1 X 6 BALL 4-1/8LBS	Solid Carbide End Mills	\$ 259.91
NCM8591	4	Xtra Lgth	Ball	1 X 1 X 1-1/4 X 6 BALL 2-1/2LBS	Solid Carbide End Mills	\$ 388.63
NCM8593	4	Xtra Lgth	Ball	1 X 1 X 1-1/4 X 6 BALL 3-3/8LBS	Solid Carbide End Mills	\$ 395.41
NCM8595	4	Xtra Lgth	Ball	1 X 1 X 1-1/4 X 6 BALL 4-1/8LBS	Solid Carbide End Mills	\$ 401.25







Multi-Mill High Performance End Mills  
4 Flute, Variable Helix  
Solid Carbide End Mills

## NCM Series High Performance Solid Carbide End Mills

CONTOUR360<sup>o</sup> is constantly in development of new and higher performance geometries for today's, and tomorrow's, cutting market.

The NCM series High Performance End Mills achieve superior finish at higher feed rates!  
Specifically designed for work in Titanium, Stainless Steel, Inconel, Cast Iron, Carbon Steels and High Temp Alloys.  
Increased metal removal rates due to heavier chipload  
Coated with ALTiN (Aluminum Titanium Nitride)

Effective February 2020

Dia.	Tool Description	Tool Number	List Price	Tool Number ALTIN Coated	List Price	Tool Number All Radius Options*	List Price
1/8	1/8 x 1/8 x 1/4 x 1-1/2					NCM1010-XXX	\$ 18.30
1/8	1/8 x 1/8 x 1/2 X 2	NCM4010	\$ 17.42	NCM6010	\$ 18.52	NCM4102-XXX	\$ 18.91
3/16	3/16 x 3/16 x 1/4 X 2					NCM1012-XXX	\$ 24.97
3/16	3/16 x 3/16 x 9/16 x 2	NCM4012	\$ 24.09	NCM6012	\$ 25.75	NCM4104-XXX	\$ 26.07
1/4	1/4 x 1/4 x 3/8 x 2					NCM1016-XXX	\$ 29.05
1/4	1/4 x 1/4 x 3/4 x 2-1/2	NCM4016	\$ 30.26	NCM6016	\$ 33.30	NCM4108-XXX	\$ 32.31
7/32	7/32 x 1/4 x 5/8 x 2-1/2					NCM4106-XXX	\$ 33.90
5/16	5/16 x 5/16 x 7/16 x 2					NCM1020-XXX	\$ 36.82
5/16	5/16 x 5/16 x 13/16 x 2-1/2	NCM4020	\$ 37.87	NCM6020	\$ 41.79	NCM4112-XXX	\$ 40.40
3/8	3/8 x 3/8 x 1/2 x 2					NCM1024-XXX	\$ 44.49
3/8	3/8 x 3/8 x 1 x 2-1/2	NCM4024	\$ 45.59	NCM6024	\$ 50.00	NCM4116-XXX	\$ 48.02
3/8	3/8 x 3/8 x 2 x 4					NCM4117-XXX	\$ 66.71
3/8	3/8 x 3/8 x 3 x 6					NCM4175-XXX	\$ 92.06
7/16	7/16 x 7/16 x 9/16 x 2-1/2					NCM1028-XXX	\$ 56.72
7/16	7/16 x 7/16 x 1 x 2-3/4	NCM4028	\$ 57.82	NCM6028	\$ 62.90	NCM4118-XXX	\$ 60.91
1/2	1/2 x 1/2 x 5/8 x 2-1/2					NCM1032-XXX	\$ 68.08
1/2	1/2 x 1/2 x 1 x 3	NCM4030	\$ 70.12			NCM4120-XXX	\$ 74.20
1/2	1/2 x 1/2 x 1-1/4 x 3	NCM4032	\$ 70.12	NCM6032	\$ 78.06	NCM4122-XXX	\$ 74.20
1/2	1/2 x 1/2 x 2 x 4					NCM4123-XXX	\$ 91.51
1/2	1/2 x 1/2 x 3 x 6					NCM4124-XXX	\$135.22
5/8	5/8 x 5/8 x 3/4 x 3					NCM1034-XXX	\$107.38
5/8	5/8 x 5/8 x 1-5/8 x 3-1/2	NCM4034	\$ 110.30	NCM6034	\$ 122.87	NCM4129-XXX	\$129.11
5/8	5/8 x 5/8 x 3 x 6					NCM4130-XXX	\$196.19
3/4	3/4 x 3/4 x 1 x 3					NCM1036-XXX	\$161.63
3/4	3/4 x 3/4 x 1-5/8 x 4	NCM4036	\$168.07	NCM6036	\$187.15	NCM4135-XXX	\$176.18
3/4	3/4 x 3/4 x 2-1/4 x 5	NCM4037	\$207.10	NCM6037	\$222.87	NCM4149-XXX	\$217.09
3/4	3/4 x 3/4 x 3 x 6					NCM4136-XXX	\$241.23
3/4	3/4 x 3/4 x 4 x 7					NCM4137-XXX	\$352.97
1	1 x 1 x 1-1/4 x 3					NCM1040-XXX	\$257.88
1	1 x 1 x 1-1/2 x 4					NCM1041-XXX	\$279.37
1	1 x 1 x 2 x 4	NCM4040	\$277.88	NCM6040	\$309.53	NCM4143-XXX	\$290.40
1	1 x 1 x 2 x 5					NCM4148-XXX	\$339.79
1	1 x 1 x 2-1/2 x 5	NCM4041	\$328.93			NCM4146-XXX	\$376.17
1	1 x 1 x 3 x 6					NCM4144-XXX	\$428.99
1	1 x 1 x 4 x 7					NCM4145-XXX	\$486.76

\* Indicate radius size as last 3-digits of tool no., ex. NCM4122-031 (.031 radius)



**Multi-Mill High Performance End Mills**  
**4 Flute, Variable Helix**  
**Solid Carbide End Mills with Neck**



### NCM Series High Performance Solid Carbide End Mills

CONTOUR360° is constantly in development of new and higher performance geometries for today's, and tomorrow's, cutting market.

The NCM series High Performance End Mills achieve superior finish at higher feed rates!  
 Specifically designed for work in Titanium, Stainless Steel, Inconel, Cast Iron, Carbon Steels and High Temp Alloys.  
 Increased metal removal rates due to heavier chipload  
 Coated with ALTiN (Aluminum Titanium Nitride)

**Effective February 2020**

			<b>Square</b>	<b>Price</b>	<b>Ball</b>	<b>Price</b>	<b>Number</b>	<b>Price</b>
			<b>Number</b>		<b>Number</b>		<b>All Radius Options*</b>	
1/8	1/8 x 1/8 x 5/32 x 3	(3/8 LOR)	NCM8401	\$ 39.91	NCM8501	\$ 45.70	NCM8401-XXX	\$ 43.22
1/8	1/8 x 1/8 x 5/32 X 3	(1/2 LOR)	NCM8403	\$ 40.08	NCM8503	\$ 45.92	NCM8403-XXX	\$ 43.39
1/8	1/8 x 1/8 x 5/32 X 3	(5/8 LOR)	NCM8405	\$ 40.13	NCM8505	\$ 45.98	NCM8405-XXX	\$ 43.44
3/16	3/16 x 3/16 x 7/32 x 3	(1/2 LOR)	NCM8411	\$ 46.69	NCM8511	\$ 52.04	NCM8411-XXX	\$ 49.83
3/16	3/16 x 3/16 x 7/32 x 3	(3/4 LOR)	NCM8413	\$ 47.08	NCM8513	\$ 52.48	NCM8413-XXX	\$ 50.27
1/4	1/4 x 1/4 x 3/8 x 4	(3/4 LOR)	NCM8421	\$ 56.67	NCM8521	\$ 63.06	NCM8421-XXX	\$ 60.42
1/4	1/4 x 1/4 x 3/8 x 4	(1-1/8 LOR)	NCM8423	\$ 57.45	NCM8523	\$ 63.89	NCM8423-XXX	\$ 61.25
1/4	1/4 x 1/4 x 3/8 x 4	(2-1/8 LOR)	NCM8425	\$ 59.48	NCM8525	\$ 66.15	NCM8425-XXX	\$ 63.45
3/8	3/8 x 3/8 x 1/2 x 4	(1-1/8 LOR)	NCM8441	\$ 81.04	NCM8541	\$ 87.93	NCM8441-XXX	\$ 85.33
3/8	3/8 x 3/8 x 1/2 x 6	(2-3/8 LOR)	NCM8443	\$104.63	NCM8543	\$113.56	NCM8443-XXX	\$ 110.20
3/8	3/8 x 3/8 x 1/2 x 6	(3-3/8 LOR)	NCM8445	\$107.33	NCM8545	\$116.48	NCM8445-XXX	\$ 113.06
3/8	3/8 x 3/8 x 1/2 x 6	(4 LOR)	NCM8447	\$109.04	NCM8547	\$118.36	NCM8447-XXX	\$ 114.83
1/2	1/2 x 1/2 x 5/8 x 4	(1-3/8 LOR)	NCM8461	\$105.01	NCM8561	\$113.95	NCM8461-XXX	\$ 110.59
1/2	1/2 x 1/2 x 5/8 x 6	(2-3/8 LOR)	NCM8463	\$133.02	NCM8563	\$144.38	NCM8463-XXX	\$ 140.07
1/2	1/2 x 1/2 x 5/8 x 6	(3-3/8 LOR)	NCM8465	\$136.49	NCM8565	\$148.12	NCM8465-XXX	\$ 143.77
1/2	1/2 x 1/2 x 5/8 x 6	(4-1/8 LOR)	NCM8467	\$139.30	NCM8567	\$151.16	NCM8467-XXX	\$ 146.69
5/8	5/8 x 5/8 x 3/4 x 4	(1-5/8 LOR)	NCM8471	\$139.14	NCM8571	\$150.28	NCM8471-XXX	\$ 146.14
5/8	5/8 x 5/8 x 3/4 x 6	(2-3/8 LOR)	NCM8473	\$176.07	NCM8573	\$190.19	NCM8473-XXX	\$ 184.89
5/8	5/8 x 5/8 x 3/4 x 6	(3-3/8 LOR)	NCM8475	\$180.71	NCM8575	\$195.20	NCM8475-XXX	\$ 189.75
5/8	5/8 x 5/8 x 3/4 x 4	(4-1/8 LOR)	NCM8477	\$184.23	NCM8577	\$199.01	NCM8477-XXX	\$ 193.49
3/4	3/4 x 3/4 x 1 x 6	(2-1/2 LOR)	NCM8481	\$232.52	NCM8581	\$250.22	NCM8481-XXX	\$ 243.71
3/4	3/4 x 3/4 x 1 x 6	(3-3/8 LOR)	NCM8483	\$237.37	NCM8583	\$255.45	NCM8483-XXX	\$ 248.78
3/4	3/4 x 3/4 x 1 x 6	(4-1/8 LOR)	NCM8485	\$241.56	NCM8585	\$259.92	NCM8485-XXX	\$ 253.19
1	1 x 1 x 1-1/4 x 6	(2-1/2 LOR)	NCM8491	\$363.16	NCM8591	\$388.64	NCM8491-XXX	\$ 379.53
1	1 x 1 x 1-1/4 x 6	(3-3/8 LOR)	NCM8493	\$369.51	NCM8593	\$395.41	NCM8493-XXX	\$ 386.15
1	1 x 1 x 1-1/4 x 6	(4-1/8 LOR)	NCM8495	\$374.97	NCM8595	\$401.26	NCM8495-XXX	\$ 391.83

\* Indicate radius size as last 3-digits of tool no., ex. NCM8463-031 (.031 radius)  
 LOR = Length Of Reach

# CONTOUR360°

cutting tool technologies

**Multi-Mill High Performance End Mills**  
**5 Flute, Variable Helix**  
**Solid Carbide End Mills**



## NCM Series High Performance Solid Carbide End Mills

CONTOUR360° is constantly in development of new and higher performance geometries for today's, and tomorrow's, cutting market.

The NCM series High Performance End Mills achieve superior finish at higher feed rates! Specifically designed for work in Titanium, Stainless Steel, Inconel, Cast Iron, Carbon Steels and High Temp Allo Increased metal removal rates due to heavier chipload  
 Coated with ALTiN (Aluminum Titanium Nitride)

**Effective February 2020**

Dia.	Tool Description	<u>Square</u>		<u>With Radius</u>	
		ALTIN Coated Tool Number	List Price	ALTIN Coated Tool Number	List Price All Radius Options*
1/4	1/4 x 1/4 x 3/8 x 2			NCM4550-XXX	\$ 35.23
1/4	1/4 x 1/4 x 3/8 x 2-1/2	NCM4502	\$ 29.05		
1/4	1/4 x 1/4 x 5/8 x 2-1/2	NCM4505	\$ 36.33	NCM4552-XXX	\$ 39.08
1/4	1/4 x 1/4 x 3/4 x 2-1/2	NCM4506	\$ 36.33		
1/4	1/4 x 1/4 x 1-1/4 x 3			NCM4554-XXX	\$ 44.76
1/4	1/4 x 1/4 x 5/8 x 4			NCM4556-XXX	\$ 44.76
5/16	5/16 x 5/16 x 13/16 x 2-1/2	NCM4508	\$ 45.42	NCM4558-XXX	\$ 48.85
3/8	3/8 x 3/8 x 1/2 x 2	NCM4511	\$ 43.55	NCM4560-XXX	\$ 46.03
3/8	3/8 x 3/8 x 1 x 2-1/2	NCM4514	\$ 54.68	NCM4562-XXX	\$ 57.77
3/8	3/8 x 3/8 x 1-1/4 x 3			NCM4564-XXX	\$ 62.35
3/8	3/8 x 3/8 x 7/8 x 4			NCM4566-XXX	\$ 66.86
3/8	3/8 x 3/8 x 2 x 4	NCM4515	\$ 68.13		
7/16	7/16 x 7/16 x 1 x 2-3/4	NCM4517	\$ 69.41	NCM4568-XXX	\$ 73.32
1/2	1/2 x 1/2 x 5/8 x 2-1/2	NCM4520	\$ 73.54	NCM4570-XXX	\$ 77.67
1/2	1/2 x 1/2 x 1 x 3	NCM4523	\$ 84.13	NCM4572-XXX	\$ 88.86
1/2	1/2 x 1/2 x 1-1/4 x 3	NCM4524	\$ 84.89	NCM4574-XXX	\$ 89.69
1/2	1/2 x 1/2 x 2 x 4	NCM4525	\$ 103.64	NCM4576-XXX	\$ 109.48
1/2	1/2 x 1/2 x 1 x 6			NCM4578-XXX	\$ 122.21
5/8	5/8 x 5/8 x 3/4 x 3	NCM4526	\$ 115.98	NCM4580-XXX	\$ 122.27
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2	NCM4529	\$ 132.30	NCM4582-XXX	\$ 139.47
5/8	5/8 x 5/8 x 1-5/8 x 3-1/2	NCM4530	\$ 134.45		

5/8	5/8 x 5/8 x 2-1/4 x 5			NCM4584-XXX	\$ 202.69
5/8	5/8 x 5/8 x 1-1/4 x 6			NCM4586-XXX	\$ 207.83
3/4	3/4 x 3/4 x 7/8 x 3	NCM4532	\$174.53	NCM4588-XXX	\$184.29
3/4	3/4 x 3/4 x 1-1/2 x 4	NCM4535	\$201.59	NCM4590-XXX	\$212.12
3/4	3/4 x 3/4 x 1-5/8 x 4	NCM4536	\$210.41		
3/4	3/4 x 3/4 x 2-1/4 x 5	NCM4542	\$244.65	NCM4592-XXX	\$260.53
3/4	3/4 x 3/4 x 1-1/2 x 6			NCM4594-XXX	\$273.91
3/4	3/4 x 3/4 x 4 x 7	NCM4537	\$399.55		
1	1 x 1 x 1-1/2 x 4	NCM4538	\$282.85	NCM4596-XXX	\$297.29
1	1 x 1 x 2-1/2 x 5	NCM4539	\$404.18	NCM4598-XXX	\$424.80
1	1 x 1 x 3 x 6	NCM4540	\$479.31		
1	1 x 1 x 4 x 7	NCM4541	\$525.13		

\* Indicate radius size as last 3-digits of tool no., ex. NCM4574-031 (.031 radius)

ys.

# CONTOUR360<sup>o</sup>

cutting tool technologies

**Multi-Mill High Performance End Mills**  
**7 Flute, Variable Helix**  
**Solid Carbide End Mills**



## NCM Series High Performance Solid Carbide End Mills

CONTOUR360<sup>o</sup> is constantly in development of new and higher performance geometries for today's, and tomorrow's, cutting market.

The NCM series High Performance End Mills achieve superior finish at higher feed rates!  
 Specifically designed for work in Titanium, Stainless Steel, Inconel, Cast Iron, Carbon Steels and High Temp Allo  
 Increased metal removal rates due to heavier chipload  
 Coated with ALTIN (Aluminum Titanium Nitride)

**Effective February 2020**

Dia.	Tool Description	<u>Square</u>		<u>With Radius</u>	
		ALTIN Coated		ALTIN Coated	
		Tool Number	List Price	Tool Number	List Price
				All Radius Options*	
1/4	1/4 x 1/4 x 3/8 x 2	NCM7010	\$ 39.64	NCM7010-XXX	\$ 43.61
1/4	1/4 x 1/4 x 3/4 x 2-1/2	NCM7013	\$ 43.83	NCM7013-XXX	\$ 48.24
1/4	1/4 x 1/4 x 1-1/8 x 3	NCM7016	\$ 49.44	NCM7016-XXX	\$ 54.41
5/16	5/16 x 5/16 x 1/2 x 2	NCM7020	\$ 52.15	NCM7020-XXX	\$ 57.38
52.13	5/16 x 5/16 x 13/16 x 2-1/2	NCM7023	\$ 52.13	NCM7023-XXX	\$ 60.25
5/16	5/16 x 5/16 x 1-1/8 x 3	NCM7026	\$ 58.87	NCM7026-XXX	\$ 64.77
3/8	3/8 x 3/8 x 9/16 x 2	NCM7030	\$ 58.33	NCM7030-XXX	\$ 63.62
3/8	3/8 x 3/8 x 1 x 2-1/2	NCM7033	\$ 63.28	NCM7033-XXX	\$ 69.02
3/8	3/8 x 3/8 x 1-1/2 x 3-1/2	NCM7036	\$ 74.92	NCM7036-XXX	\$ 81.70
3/8	3/8 x 3/8 x 2 x 4	NCM7039	\$ 83.69	NCM7039-XXX	\$ 91.23
7/16	7/16 x 7/16 x 9/16 x 2-3/4	NCM7040	\$ 72.60	NCM7040-XXX	\$ 79.16
7/16	7/16 x 7/16 x 1 x 2-3/4	NCM7043	\$ 77.29	NCM7043-XXX	\$ 84.28
7/16	7/16 x 7/16 x 2 x 4	NCM7046	\$ 99.89	NCM7046-XXX	\$ 108.87
1/2	1/2 x 1/2 x 3/4 x 3	NCM7050	\$ 90.13	NCM7050-XXX	\$ 97.36
1/2	1/2 x 1/2 x 1 x 3	NCM7053	\$ 93.22	NCM7053-XXX	\$ 100.72
1/2	1/2 x 1/2 x 1-1/2 x 4	NCM7056	\$ 110.69	NCM7056-XXX	\$ 119.56
1/2	1/2 x 1/2 x 2 x 4	NCM7059	\$ 114.66	NCM7059-XXX	\$ 123.87
5/8	5/8 x 5/8 x 3/4 x 3	NCM7060	\$ 126.74	NCM7060-XXX	\$ 136.88
5/8	5/8 x 5/8 x 1-5/8 x 4	NCM7063	\$ 152.04	NCM7063-XXX	\$ 164.22
5/8	5/8 x 5/8 x 2-1/4 x 5	NCM7066	\$ 188.20	NCM7066-XXX	\$ 203.30
3/4	3/4 x 3/4 x 7/8 x 3	NCM7070	\$ 192.61	NCM7070-XXX	\$ 206.12

3/4	3/4 x 3/4 x 1-5/8 x 4	NCM7073	\$232.02	NCM7073-XXX	\$ 248.28
3/4	3/4 x 3/4 x 2-1/4 x 5	NCM7076	\$275.63	NCM7076-XXX	\$ 294.92
3/4	3/4 x 3/4 x 3-1/4 x 6	NCM7079	\$304.24	NCM7079-XXX	\$ 325.57
1	1 x 1 x 1-1/2 x 4	NCM7080	\$312.01	NCM7080-XXX	\$ 333.89
1	1 x 1 x 2-1/2 x 5	NCM7083	\$445.53	NCM7083-XXX	\$ 476.72
1	1 x 1 x 3-1/4 x 6	NCM7086	\$528.15	NCM7086-XXX	\$ 565.14
1	1 x 1 x 4-1/4 x 7	NCM7089	\$601.64	NCM7089-XXX	\$ 643.76

\* Indicate radius size as last 3-digits of tool no., ex. NCM7053-031 (.031 radius)

ys.



# CONTOUR360<sup>o</sup>

cutting tool technologies



## MMX Series "SUPER" High Performance Solid Carbide End Mills

CONTOUR360° is constantly in development of new and higher performance geometries for today's, and tomorrow's, cutting market.

The New MMX series High Performance End Mills are state of the art productivity!  
Specifically designed for work in the exotics such as Inconels, titaniums, stainless steels and the like.  
Proprietary geometry provides tomorrow's results - today!

CONTOUR360° Engineers are already at work to make this new geometry obsolete!  
MMX is stocked in stub and standard lengths, in 4 & 5 flute.

**Effective February 2020**

<u>Part number</u> * denotes stock item	<u>Number of Flutes</u>	<u>Type</u>	<u>Corner Condition</u>	<u>Description</u> (Cut x Shank x L.O.C. x O.A.L. R)	<u>Weldon Flats</u> <u>Add \$3.50 ea.</u>	<u>List Price</u>
MMX1012-016	4 FL	Stub	Rad.	3/16 X 3/16 X 1/4 X 2-1/2 .016R	Solid Carbide End Mill	\$ 27.47
MMX1012-031	4 FL	Stub	Rad.	3/16 X 3/16 X 1/4 X 2-1/2 .031R	Solid Carbide End Mill	\$ 27.47
MMX1012-063	4 FL	Stub	Rad.	3/16 X 3/16 X 1/4 X 2-1/2 .063R	Solid Carbide End Mill	\$ 27.47
MMX1016-016	4 FL	Stub	Rad.	1/4 X 1/4 X 3/8 X 2-1/2 .016R	Solid Carbide End Mill	\$ 31.96
MMX1016-031	4 FL	Stub	Rad.	1/4 X 1/4 X 3/8 X 2-1/2 .031R	Solid Carbide End Mill	\$ 31.96
MMX1016-063	4 FL	Stub	Rad.	1/4 X 1/4 X 3/8 X 2-1/2 .063R	Solid Carbide End Mill	\$ 31.96
MMX1020-016	4 FL	Stub	Rad.	5/16 X 5/16 X 7/16 X 2-1/2 .016R	Solid Carbide End Mill	\$ 40.51
MMX1020-031	4 FL	Stub	Rad.	5/16 X 5/16 X 7/16 X 2-1/2 .031R	Solid Carbide End Mill	\$ 40.51
MMX1020-063	4 FL	Stub	Rad.	5/16 X 5/16 X 7/16 X 2-1/2 .063R	Solid Carbide End Mill	\$ 40.51
<b>MMX1024-016 *</b>	<b>4 FL</b>	<b>Stub</b>	<b>Rad.</b>	<b>3/8 X 3/8 X 1/2 X 2-1/2 .016R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 48.93</b>
<b>MMX1024-031 *</b>	<b>4 FL</b>	<b>Stub</b>	<b>Rad.</b>	<b>3/8 X 3/8 X 1/2 X 2-1/2 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 48.93</b>

MMX1024-063	4 FL	Stub	Rad.	3/8 X 3/8 X 1/2 X 2-1/2 .063R	Solid Carbide End Mill	\$ 48.93
MMX1024-094	4 FL	Stub	Rad.	3/8 X 3/8 X 1/2 X 2-1/2 .094R	Solid Carbide End Mill	\$ 48.93
MMX1028-016	4 FL	Stub	Rad.	7/16 X 7/16 X 9/16 X 3 .016R	Solid Carbide End Mill	\$ 62.40
MMX1028-031	4 FL	Stub	Rad.	7/16 X 7/16 X 9/16 X 3 .031R	Solid Carbide End Mill	\$ 62.40
MMX1028-063	4 FL	Stub	Rad.	7/16 X 7/16 X 9/16 X 3 .063R	Solid Carbide End Mill	\$ 62.40
MMX1028-094	4 FL	Stub	Rad.	7/16 X 7/16 X 9/16 X 3 .094R	Solid Carbide End Mill	\$ 62.40
<b>MMX1032-016 *</b>	<b>4 FL</b>	<b>Stub</b>	<b>Rad.</b>	<b>1/2 X 1/2 X 5/8 X 3 .016R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 74.89</b>
<b>MMX1032-031 *</b>	<b>4 FL</b>	<b>Stub</b>	<b>Rad.</b>	<b>1/2 X 1/2 X 5/8 X 3 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 74.89</b>
MMX1032-063	4 FL	Stub	Rad.	1/2 X 1/2 X 5/8 X 3 .063R	Solid Carbide End Mill	\$ 74.89
MMX1032-094	4 FL	Stub	Rad.	1/2 X 1/2 X 5/8 X 3 .094R	Solid Carbide End Mill	\$ 74.89
MMX1032-125	4 FL	Stub	Rad.	1/2 X 1/2 X 5/8 X 3 .125R	Solid Carbide End Mill	\$ 74.89
<b>MMX1034-031 *</b>	<b>4 FL</b>	<b>Stub</b>	<b>Rad.</b>	<b>5/8 X 5/8 X 3/4 X 3-1/2 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 118.12</b>
MMX1034-063	4 FL	Stub	Rad.	5/8 X 5/8 X 3/4 X 3-1/2 .063R	Solid Carbide End Mill	\$ 118.12
MMX1034-094	4 FL	Stub	Rad.	5/8 X 5/8 X 3/4 X 3-1/2 .094R	Solid Carbide End Mill	\$ 118.12
MMX1034-125	4 FL	Stub	Rad.	5/8 X 5/8 X 3/4 X 3-1/2 .125R	Solid Carbide End Mill	\$ 118.12
<b>MMX1036-031 *</b>	<b>4 FL</b>	<b>Stub</b>	<b>Rad.</b>	<b>3/4 X 3/4 X 1 X 3-1/2 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 177.79</b>
<b>MMX1036-063 *</b>	<b>4 FL</b>	<b>Stub</b>	<b>Rad.</b>	<b>3/4 X 3/4 X 1 X 3-1/2 .063R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 175.24</b>
MMX1036-094	4 FL	Stub	Rad.	3/4 X 3/4 X 1 X 3-1/2 .094R	Solid Carbide End Mill	\$ 175.24
MMX1036-125	4 FL	Stub	Rad.	3/4 X 3/4 X 1 X 3-1/2 .125R	Solid Carbide End Mill	\$ 175.24
MMX1036-188	4 FL	Stub	Rad.	3/4 X 3/4 X 1 X 3-1/2 .188R	Solid Carbide End Mill	\$ 175.24
MMX1036-250	4 FL	Stub	Rad.	3/4 X 3/4 X 1 X 3-1/2 .250R	Solid Carbide End Mill	\$ 175.24
MMX1037-031	4 FL	Stub	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .031R	Solid Carbide End Mill	\$ 175.24
MMX1037-063	4 FL	Stub	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .063R	Solid Carbide End Mill	\$ 175.24
MMX1037-094	4 FL	Stub	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .094R	Solid Carbide End Mill	\$ 175.24
MMX1037-125	4 FL	Stub	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .125R	Solid Carbide End Mill	\$ 175.24
MMX1037-188	4 FL	Stub	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .188R	Solid Carbide End Mill	\$ 175.24
MMX1037-250	4 FL	Stub	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .250R	Solid Carbide End Mill	\$ 175.24
MMX1040-031	4 FL	Stub	Rad.	1 X 1 X 1-1/4 X 3-1/2 .031R	Solid Carbide End Mill	\$ 283.66
MMX1040-063	4 FL	Stub	Rad.	1 X 1 X 1-1/4 X 3-1/2 .063R	Solid Carbide End Mill	\$ 283.66
MMX1040-094	4 FL	Stub	Rad.	1 X 1 X 1-1/4 X 3-1/2 .094R	Solid Carbide End Mill	\$ 283.66
MMX1040-125	4 FL	Stub	Rad.	1 X 1 X 1-1/4 X 3-1/2 .125R	Solid Carbide End Mill	\$ 283.66
MMX1040-188	4 FL	Stub	Rad.	1 X 1 X 1-1/4 X 3-1/2 .188R	Solid Carbide End Mill	\$ 283.66
MMX1040-250	4 FL	Stub	Rad.	1 X 1 X 1-1/4 X 3-1/2 .250R	Solid Carbide End Mill	\$ 283.66
MMX1041-031	4 FL	Stub	Rad.	1 X 1 X 1-1/2 X 4-1/2 .031R	Solid Carbide End Mill	\$ 307.31
MMX1041-063	4 FL	Stub	Rad.	1 X 1 X 1-1/2 X 4-1/2 .063R	Solid Carbide End Mill	\$ 307.31
MMX1041-094	4 FL	Stub	Rad.	1 X 1 X 1-1/2 X 4-1/2 .094R	Solid Carbide End Mill	\$ 307.31
MMX1041-125	4 FL	Stub	Rad.	1 X 1 X 1-1/2 X 4-1/2 .125R	Solid Carbide End Mill	\$ 307.31
MMX1041-188	4 FL	Stub	Rad.	1 X 1 X 1-1/2 X 4-1/2 .188R	Solid Carbide End Mill	\$ 307.31
MMX1041-250	4 FL	Stub	Rad.	1 X 1 X 1-1/2 X 4-1/2 .250R	Solid Carbide End Mill	\$ 307.31
MMX4012	4 FL	Standard	Sq.	3/16 X 3/16 X 9/16 X 2-1/2	Solid Carbide End Mill	\$ 26.50

MMX4016	4 FL	Standard	Sq.	1/4 X 1/4 X 3/4 X 3	Solid Carbide End Mill	\$ 33.29
MMX4020	4 FL	Standard	Sq.	5/16 X 5/16 X 13/16 X 3	Solid Carbide End Mill	\$ 41.66
MMX4024	4 FL	Standard	Sq.	3/8 X 3/8 X 1 X 3	Solid Carbide End Mill	\$ 50.15
MMX4028	4 FL	Standard	Sq.	7/16 X 7/16 X 1 X 3	Solid Carbide End Mill	\$ 63.61
MMX4030	4 FL	Standard	Sq.	1/2 X 1/2 X 1 X 3-1/2	Solid Carbide End Mill	\$ 77.13
MMX4032	4 FL	Standard	Sq.	1/2 X 1/2 X 1-1/4 X 3-1/2	Solid Carbide End Mill	\$ 77.13
MMX4034	4 FL	Standard	Sq.	5/8 X 5/8 X 1-5/8 X 4	Solid Carbide End Mill	\$ 121.34
MMX4036	4 FL	Standard	Sq.	3/4 X 3/4 X 1-5/8 X 4-1/2	Solid Carbide End Mill	\$ 184.88
MMX4037	4 FL	Standard	Sq.	3/4 X 3/4 X 2-1/4 X 5	Solid Carbide End Mill	\$ 227.82
MMX4040	4 FL	Standard	Sq.	1 X 1 X 2 X 4-1/2	Solid Carbide End Mill	\$ 305.67
MMX4041	4 FL	Standard	Sq.	1 X 1 X 2-1/2 X 5	Solid Carbide End Mill	\$ 361.82
MMX4104-016	4 FL	Standard	Rad.	3/16 X 3/16 X 9/16 X 2-1/2 .016R	Solid Carbide End Mill	\$ 28.68
MMX4104-031	4 FL	Standard	Rad.	3/16 X 3/16 X 9/16 X 2-1/2 .031R	Solid Carbide End Mill	\$ 28.68
MMX4104-063	4 FL	Standard	Rad.	3/16 X 3/16 X 9/16 X 2-1/2 .063R	Solid Carbide End Mill	\$ 28.68
MMX4106-016	4 FL	Standard	Rad.	7/32 X 1/4 X 5/8 X 3 .016R	Solid Carbide End Mill	\$ 37.29
MMX4106-031	4 FL	Standard	Rad.	7/32 X 1/4 X 5/8 X 3 .031R	Solid Carbide End Mill	\$ 37.29
MMX4106-063	4 FL	Standard	Rad.	7/32 X 1/4 X 5/8 X 3 .063R	Solid Carbide End Mill	\$ 37.29
MMX4108-016	4 FL	Standard	Rad.	1/4 X 1/4 X 3/4 X 3 .016R	Solid Carbide End Mill	\$ 35.53
MMX4108-031	4 FL	Standard	Rad.	1/4 X 1/4 X 3/4 X 3 .031R	Solid Carbide End Mill	\$ 35.53
MMX4108-063	4 FL	Standard	Rad.	1/4 X 1/4 X 3/4 X 3 .063R	Solid Carbide End Mill	\$ 35.53
MMX4112-016	4 FL	Standard	Rad.	5/16 X 5/16 X 13/16 X 3 .016R	Solid Carbide End Mill	\$ 44.45
MMX4112-031	4 FL	Standard	Rad.	5/16 X 5/16 X 13/16 X 3 .031R	Solid Carbide End Mill	\$ 44.45
MMX4112-063	4 FL	Standard	Rad.	5/16 X 5/16 X 13/16 X 3 .063R	Solid Carbide End Mill	\$ 44.45
<b>MMX4116-016 *</b>	<b>4 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>3/8 X 3/8 X 1 X 3 .016R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 52.82</b>
<b>MMX4116-031 *</b>	<b>4 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>3/8 X 3/8 X 1 X 3 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 52.82</b>
MMX4116-063	4 FL	Standard	Rad.	3/8 X 3/8 X 1 X 3 .063R	Solid Carbide End Mill	\$ 52.82
MMX4116-094	4 FL	Standard	Rad.	3/8 X 3/8 X 1 X 3 .094R	Solid Carbide End Mill	\$ 52.82
MMX4116-125	4 FL	Standard	Rad.	3/8 X 3/8 X 1 X 3 .125R	Solid Carbide End Mill	\$ 52.82
MMX4117-016	4 FL	Standard	Rad.	3/8 X 3/8 X 2 X 4-1/2 .016R	Solid Carbide End Mill	\$ 73.37
MMX4117-031	4 FL	Standard	Rad.	3/8 X 3/8 X 2 X 4-1/2 .031R	Solid Carbide End Mill	\$ 73.37
MMX4117-063	4 FL	Standard	Rad.	3/8 X 3/8 X 2 X 4-1/2 .063R	Solid Carbide End Mill	\$ 73.37
MMX4117-094	4 FL	Standard	Rad.	3/8 X 3/8 X 2 X 4-1/2 .094R	Solid Carbide End Mill	\$ 73.37
MMX4117-125	4 FL	Standard	Rad.	3/8 X 3/8 X 2 X 4-1/2 .125R	Solid Carbide End Mill	\$ 73.37
MMX4118-016	4 FL	Standard	Rad.	7/16 X 7/16 X 1 X 3 .016R	Solid Carbide End Mill	\$ 67.00
MMX4118-031	4 FL	Standard	Rad.	7/16 X 7/16 X 1 X 3 .031R	Solid Carbide End Mill	\$ 67.00
MMX4118-063	4 FL	Standard	Rad.	7/16 X 7/16 X 1 X 3 .063R	Solid Carbide End Mill	\$ 67.00
MMX4118-094	4 FL	Standard	Rad.	7/16 X 7/16 X 1 X 3 .094R	Solid Carbide End Mill	\$ 67.00
MMX4120-016	4 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .016R	Solid Carbide End Mill	\$ 81.62
MMX4120-031	4 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .031R	Solid Carbide End Mill	\$ 81.62
MMX4120-063	4 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .063R	Solid Carbide End Mill	\$ 81.62

MMX4120-094	4 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .094R	Solid Carbide End Mill	\$ 81.62
MMX4120-125	4 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .125R	Solid Carbide End Mill	\$ 81.62
<b>MMX4122-016 *</b>	<b>4 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>1/2 X 1/2 X 1-1/4 X 3-1/2 .016R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 81.62</b>
<b>MMX4122-031 *</b>	<b>4 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>1/2 X 1/2 X 1-1/4 X 3-1/2 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 81.62</b>
MMX4122-063	4 FL	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3-1/2 .063R	Solid Carbide End Mill	\$ 81.62
MMX4122-094	4 FL	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3-1/2 .094R	Solid Carbide End Mill	\$ 81.62
MMX4122-125	4 FL	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3-1/2 .125R	Solid Carbide End Mill	\$ 81.62
MMX4123-016	4 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .016R	Solid Carbide End Mill	\$ 100.66
MMX4123-031	4 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .031R	Solid Carbide End Mill	\$ 100.66
MMX4123-063	4 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .063R	Solid Carbide End Mill	\$ 100.66
MMX4123-094	4 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .094R	Solid Carbide End Mill	\$ 100.66
MMX4123-125	4 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .125R	Solid Carbide End Mill	\$ 100.66
MMX4124-016	4 FL	Standard	Rad.	1/2 X 1/2 X 3 X 6 .016R	Solid Carbide End Mill	\$ 148.74
MMX4124-031	4 FL	Standard	Rad.	1/2 X 1/2 X 3 X 6 .031R	Solid Carbide End Mill	\$ 148.74
MMX4124-063	4 FL	Standard	Rad.	1/2 X 1/2 X 3 X 6 .063R	Solid Carbide End Mill	\$ 148.74
MMX4124-094	4 FL	Standard	Rad.	1/2 X 1/2 X 3 X 6 .094R	Solid Carbide End Mill	\$ 148.74
MMX4124-125	4 FL	Standard	Rad.	1/2 X 1/2 X 3 X 6 .125R	Solid Carbide End Mill	\$ 148.74
<b>MMX4129-031 *</b>	<b>4 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>5/8 X 5/8 X 1-5/8 X 4 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 129.04</b>
MMX4129-063	4 FL	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 4 .063R	Solid Carbide End Mill	\$ 127.40
MMX4129-094	4 FL	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 4 .094R	Solid Carbide End Mill	\$ 127.40
MMX4129-125	4 FL	Standard	Rad.	5/8 X 5/8 X 1-5/8 X 4 .125R	Solid Carbide End Mill	\$ 127.40
MMX4130-031	4 FL	Standard	Rad.	5/8 X 5/8 X 3 X 6 .031R	Solid Carbide End Mill	\$ 215.81
MMX4130-063	4 FL	Standard	Rad.	5/8 X 5/8 X 3 X 6 .063R	Solid Carbide End Mill	\$ 215.81
MMX4130-094	4 FL	Standard	Rad.	5/8 X 5/8 X 3 X 6 .094R	Solid Carbide End Mill	\$ 215.81
MMX4130-125	4 FL	Standard	Rad.	5/8 X 5/8 X 3 X 6 .125R	Solid Carbide End Mill	\$ 215.81
<b>MMX4135-031 *</b>	<b>4 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>3/4 X 3/4 X 1-5/8 X 4-1/2 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 193.80</b>
MMX4135-063	4 FL	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4-1/2 .063R	Solid Carbide End Mill	\$ 193.80
MMX4135-094	4 FL	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4-1/2 .094R	Solid Carbide End Mill	\$ 193.80
MMX4135-125	4 FL	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4-1/2 .125R	Solid Carbide End Mill	\$ 193.80
MMX4135-188	4 FL	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4-1/2 .188R	Solid Carbide End Mill	\$ 193.80
MMX4135-250	4 FL	Standard	Rad.	3/4 X 3/4 X 1-5/8 X 4-1/2 .250R	Solid Carbide End Mill	\$ 193.80
MMX4136-031	4 FL	Standard	Rad.	3/4 X 3/4 X 3 X 6 .031R	Solid Carbide End Mill	\$ 265.35
MMX4136-063	4 FL	Standard	Rad.	3/4 X 3/4 X 3 X 6 .063R	Solid Carbide End Mill	\$ 261.04
MMX4136-094	4 FL	Standard	Rad.	3/4 X 3/4 X 3 X 6 .094R	Solid Carbide End Mill	\$ 261.04
MMX4136-125	4 FL	Standard	Rad.	3/4 X 3/4 X 3 X 6 .125R	Solid Carbide End Mill	\$ 261.04
MMX4136-188	4 FL	Standard	Rad.	3/4 X 3/4 X 3 X 6 .188R	Solid Carbide End Mill	\$ 261.04
MMX4136-250	4 FL	Standard	Rad.	3/4 X 3/4 X 3 X 6 .250R	Solid Carbide End Mill	\$ 261.04
MMX4137-031	4 FL	Standard	Rad.	3/4 X 3/4 X 4 X 7 .031R	Solid Carbide End Mill	\$ 388.26
MMX4137-063	4 FL	Standard	Rad.	3/4 X 3/4 X 4 X 7 .063R	Solid Carbide End Mill	\$ 382.68
MMX4137-094	4 FL	Standard	Rad.	3/4 X 3/4 X 4 X 7 .094R	Solid Carbide End Mill	\$ 382.68

MMX4137-125	4 FL	Standard	Rad.	3/4 X 3/4 X 4 X 7 .125R	Solid Carbide End Mill	\$ 382.68
MMX4137-188	4 FL	Standard	Rad.	3/4 X 3/4 X 4 X 7 .188R	Solid Carbide End Mill	\$ 382.68
MMX4137-250	4 FL	Standard	Rad.	3/4 X 3/4 X 4 X 7 .250R	Solid Carbide End Mill	\$ 382.68
MMX4143-031	4 FL	Standard	Rad.	1 X 1 X 2 X 4-1/2 .031R	Solid Carbide End Mill	\$ 319.44
MMX4143-063	4 FL	Standard	Rad.	1 X 1 X 2 X 4-1/2 .063R	Solid Carbide End Mill	\$ 319.44
MMX4143-094	4 FL	Standard	Rad.	1 X 1 X 2 X 4-1/2 .094R	Solid Carbide End Mill	\$ 319.44
MMX4143-125	4 FL	Standard	Rad.	1 X 1 X 2 X 4-1/2 .125R	Solid Carbide End Mill	\$ 319.44
MMX4143-188	4 FL	Standard	Rad.	1 X 1 X 2 X 4-1/2 .188R	Solid Carbide End Mill	\$ 319.44
MMX4143-250	4 FL	Standard	Rad.	1 X 1 X 2 X 4-1/2 .250R	Solid Carbide End Mill	\$ 319.44
MMX4144-031	4 FL	Standard	Rad.	1 X 1 X 3 X 6 .031R	Solid Carbide End Mill	\$ 471.88
MMX4144-063	4 FL	Standard	Rad.	1 X 1 X 3 X 6 .063R	Solid Carbide End Mill	\$ 471.88
MMX4144-094	4 FL	Standard	Rad.	1 X 1 X 3 X 6 .094R	Solid Carbide End Mill	\$ 471.88
MMX4144-125	4 FL	Standard	Rad.	1 X 1 X 3 X 6 .125R	Solid Carbide End Mill	\$ 471.88
MMX4144-188	4 FL	Standard	Rad.	1 X 1 X 3 X 6 .188R	Solid Carbide End Mill	\$ 463.57
MMX4144-250	4 FL	Standard	Rad.	1 X 1 X 3 X 6 .250R	Solid Carbide End Mill	\$ 463.57
MMX4145-031	4 FL	Standard	Rad.	1 X 1 X 4 X 7 .031R	Solid Carbide End Mill	\$ 535.43
MMX4145-063	4 FL	Standard	Rad.	1 X 1 X 4 X 7 .063R	Solid Carbide End Mill	\$ 525.97
MMX4145-094	4 FL	Standard	Rad.	1 X 1 X 4 X 7 .094R	Solid Carbide End Mill	\$ 525.97
MMX4145-125	4 FL	Standard	Rad.	1 X 1 X 4 X 7 .125R	Solid Carbide End Mill	\$ 525.97
MMX4145-188	4 FL	Standard	Rad.	1 X 1 X 4 X 7 .188R	Solid Carbide End Mill	\$ 525.97
MMX4145-250	4 FL	Standard	Rad.	1 X 1 X 4 X 7 .250R	Solid Carbide End Mill	\$ 525.97
MMX4146-031	4 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5 .031R	Solid Carbide End Mill	\$ 413.79
MMX4146-063	4 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5 .063R	Solid Carbide End Mill	\$ 413.79
MMX4146-094	4 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5 .094R	Solid Carbide End Mill	\$ 413.79
MMX4146-125	4 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5 .125R	Solid Carbide End Mill	\$ 413.79
MMX4146-188	4 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5 .188R	Solid Carbide End Mill	\$ 413.79
MMX4146-250	4 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5 .250R	Solid Carbide End Mill	\$ 413.79
MMX4148-031	4 FL	Standard	Rad.	1 X 1 X 2 X 5 .031R	Solid Carbide End Mill	\$ 373.77
MMX4148-063	4 FL	Standard	Rad.	1 X 1 X 2 X 5 .063R	Solid Carbide End Mill	\$ 373.77
MMX4148-094	4 FL	Standard	Rad.	1 X 1 X 2 X 5 .094R	Solid Carbide End Mill	\$ 373.77
MMX4148-125	4 FL	Standard	Rad.	1 X 1 X 2 X 5 .125R	Solid Carbide End Mill	\$ 373.77
MMX4148-188	4 FL	Standard	Rad.	1 X 1 X 2 X 5 .188R	Solid Carbide End Mill	\$ 373.77
MMX4148-250	4 FL	Standard	Rad.	1 X 1 X 2 X 5 .250R	Solid Carbide End Mill	\$ 373.77
MMX4149-031	4 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .031R	Solid Carbide End Mill	\$ 238.79
MMX4149-063	4 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .063R	Solid Carbide End Mill	\$ 238.79
MMX4149-094	4 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .094R	Solid Carbide End Mill	\$ 238.79
MMX4149-125	4 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .125R	Solid Carbide End Mill	\$ 238.79
MMX4149-188	4 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .188R	Solid Carbide End Mill	\$ 238.79
MMX4149-250	4 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5 .250R	Solid Carbide End Mill	\$ 238.79
MMX4175-016	4 FL	Standard	Rad.	3/8 X 3/8 X 3 X 6 .016R	Solid Carbide End Mill	\$ 101.26

MMX4175-031	4 FL	Standard	Rad.	3/8 X 3/8 X 3 X 6 .031R	Solid Carbide End Mill	\$ 101.26
MMX4175-063	4 FL	Standard	Rad.	3/8 X 3/8 X 3 X 6 .063R	Solid Carbide End Mill	\$ 101.26
MMX4175-094	4 FL	Standard	Rad.	3/8 X 3/8 X 3 X 6 .094R	Solid Carbide End Mill	\$ 101.26
MMX4502	5 FL	Standard	Sq.	1/4 X 1/4 X 3/8 X 2-1/2	Solid Carbide End Mill	\$ 31.96
MMX4505	5 FL	Standard	Sq.	1/4 X 1/4 X 5/8 X 2-1/2	Solid Carbide End Mill	\$ 39.96
MMX4506	5 FL	Standard	Sq.	1/4 X 1/4 X 3/4 X 2-1/2	Solid Carbide End Mill	\$ 39.96
MMX4508	5 FL	Standard	Sq.	5/16 X 5/16 X 13/16 X 3	Solid Carbide End Mill	\$ 49.97
MMX4511	5 FL	Standard	Sq.	5/16 X 5/16 X 1/2 X 2-1/2	Solid Carbide End Mill	\$ 47.90
MMX4514	5 FL	Standard	Sq.	3/8 X 3/8 X 1 X 3	Solid Carbide End Mill	\$ 60.15
MMX4515	5 FL	Standard	Sq.	3/8 X 3/8 X 2 X 4-1/2	Solid Carbide End Mill	\$ 74.95
MMX4517	5 FL	Standard	Sq.	7/16 X 7/16 X 1 X 3	Solid Carbide End Mill	\$ 76.34
MMX4520	5 FL	Standard	Sq.	1/2 X 1/2 X 5/8 X 3	Solid Carbide End Mill	\$ 80.89
MMX4523	5 FL	Standard	Sq.	1/2 X 1/2 X 1 X 3-1/2	Solid Carbide End Mill	\$ 92.53
MMX4524	5 FL	Standard	Sq.	1/2 X 1/2 X 1-1/4 X 3-1/2	Solid Carbide End Mill	\$ 93.38
MMX4525	5 FL	Standard	Sq.	1/2 X 1/2 X 2 X 4-1/2	Solid Carbide End Mill	\$ 114.00
MMX4526	5 FL	Standard	Sq.	5/8 X 5/8 X 3/4 X 3-1/2	Solid Carbide End Mill	\$ 127.58
MMX4529	5 FL	Standard	Sq.	5/8 X 5/8 X 1-1/4 X 4	Solid Carbide End Mill	\$ 145.53
MMX4530	5 FL	Standard	Sq.	5/8 X 5/8 X 1-5/8 X 4	Solid Carbide End Mill	\$ 147.89
MMX4532	5 FL	Standard	Sq.	3/4 X 3/4 X 7/8 X 3-1/2	Solid Carbide End Mill	\$ 191.98
MMX4535	5 FL	Standard	Sq.	3/4 X 3/4 X 1-1/2 X 4-1/2	Solid Carbide End Mill	\$ 221.75
MMX4536	5 FL	Standard	Sq.	3/4 X 3/4 X 1-5/8 X 4-1/2	Solid Carbide End Mill	\$ 231.45
MMX4537	5 FL	Standard	Sq.	3/4 X 3/4 X 4 X 7	Solid Carbide End Mill	\$ 439.50
MMX4538	5 FL	Standard	Sq.	1 X 1 X 1-1/2 X 4-1/2	Solid Carbide End Mill	\$ 311.13
MMX4539	5 FL	Standard	Sq.	1 X 1 X 2-1/2 X 5-1/2	Solid Carbide End Mill	\$ 444.59
MMX4540	5 FL	Standard	Sq.	1 X 1 X 3 X 6	Solid Carbide End Mill	\$ 527.24
MMX4541	5 FL	Standard	Sq.	1 X 1 X 4 X 7	Solid Carbide End Mill	\$ 600.74
MMX4542	5 FL	Standard	Sq.	3/4 X 3/4 X 2-1/4 X 5-1/2	Solid Carbide End Mill	\$ 269.11
MMX4550-016	5 FL	Standard	Rad.	1/4 X 1/4 X 3/8 X 2-1/2 .016R	Solid Carbide End Mill	\$ 38.75
MMX4550-031	5 FL	Standard	Rad.	1/4 X 1/4 X 3/8 X 2-1/2 .031R	Solid Carbide End Mill	\$ 38.75
MMX4550-063	5 FL	Standard	Rad.	1/4 X 1/4 X 3/8 X 2-1/2 .063R	Solid Carbide End Mill	\$ 38.75
MMX4552-016	5 FL	Standard	Rad.	1/4 X 1/4 X 5/8 X 3 .016R	Solid Carbide End Mill	\$ 42.99
MMX4552-031	5 FL	Standard	Rad.	1/4 X 1/4 X 5/8 X 3 .031R	Solid Carbide End Mill	\$ 42.99
MMX4552-063	5 FL	Standard	Rad.	1/4 X 1/4 X 5/8 X 3 .063R	Solid Carbide End Mill	\$ 42.99
MMX4554-016	5 FL	Standard	Rad.	1/4 X 1/4 X 1-1/4 X 3-1/2 .016R	Solid Carbide End Mill	\$ 49.24
MMX4554-031	5 FL	Standard	Rad.	1/4 X 1/4 X 1-1/4 X 3-1/2 .031R	Solid Carbide End Mill	\$ 49.24
MMX4554-063	5 FL	Standard	Rad.	1/4 X 1/4 X 1-1/4 X 3-1/2 .063R	Solid Carbide End Mill	\$ 49.24
MMX4556-016	5 FL	Standard	Rad.	1/4 X 1/4 X 5/8 X 4-1/2 .016R	Solid Carbide End Mill	\$ 49.24
MMX4556-031	5 FL	Standard	Rad.	1/4 X 1/4 X 5/8 X 4-1/2 .031R	Solid Carbide End Mill	\$ 49.24
MMX4556-063	5 FL	Standard	Rad.	1/4 X 1/4 X 5/8 X 4-1/2 .063R	Solid Carbide End Mill	\$ 49.24
MMX4558-016	5 FL	Standard	Rad.	5/16 X 5/16 X 13/16 X 3 .016R	Solid Carbide End Mill	\$ 53.72

MMX4558-031	5 FL	Standard	Rad.	5/16 X 5/16 X 13/16 X 3 .031R	Solid Carbide End Mill	\$ 53.72
MMX4558-063	5 FL	Standard	Rad.	5/16 X 5/16 X 13/16 X 3 .063R	Solid Carbide End Mill	\$ 53.72
<b>MMX4560-016 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>3/8 X 3/8 X 1/2 X 2-1/2 .016R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 50.63</b>
<b>MMX4560-031 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>3/8 X 3/8 X 1/2 X 2-1/2 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 50.63</b>
MMX4560-063	5 FL	Standard	Rad.	3/8 X 3/8 X 1/2 X 2-1/2 .063R	Solid Carbide End Mill	\$ 50.63
MMX4560-094	5 FL	Standard	Rad.	3/8 X 3/8 X 1/2 X 2-1/2 .094R	Solid Carbide End Mill	\$ 50.63
<b>MMX4562-016 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>3/8 X 3/8 X 1 X 3 .016R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 63.55</b>
<b>MMX4562-031 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>3/8 X 3/8 X 1 X 3 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 63.55</b>
MMX4562-063	5 FL	Standard	Rad.	3/8 X 3/8 X 1 X 3 .063R	Solid Carbide End Mill	\$ 63.55
MMX4562-094	5 FL	Standard	Rad.	3/8 X 3/8 X 1 X 3 .094R	Solid Carbide End Mill	\$ 63.55
MMX4564-016	5 FL	Standard	Rad.	3/8 X 3/8 X 1-1/4 X 3-1/2 .016R	Solid Carbide End Mill	\$ 68.58
MMX4564-031	5 FL	Standard	Rad.	3/8 X 3/8 X 1-1/4 X 3-1/2 .031R	Solid Carbide End Mill	\$ 68.58
MMX4564-063	5 FL	Standard	Rad.	3/8 X 3/8 X 1-1/4 X 3-1/2 .063R	Solid Carbide End Mill	\$ 68.58
MMX4564-094	5 FL	Standard	Rad.	3/8 X 3/8 X 1-1/4 X 3-1/2 .094R	Solid Carbide End Mill	\$ 68.58
MMX4566-016	5 FL	Standard	Rad.	3/8 X 3/8 X 7/8 X 4-1/2 .016R	Solid Carbide End Mill	\$ 73.55
MMX4566-031	5 FL	Standard	Rad.	3/8 X 3/8 X 7/8 X 4-1/2 .031R	Solid Carbide End Mill	\$ 73.55
MMX4566-063	5 FL	Standard	Rad.	3/8 X 3/8 X 7/8 X 4-1/2 .063R	Solid Carbide End Mill	\$ 73.55
MMX4566-094	5 FL	Standard	Rad.	3/8 X 3/8 X 7/8 X 4-1/2 .094R	Solid Carbide End Mill	\$ 73.55
MMX4568-016	5 FL	Standard	Rad.	7/16 X 7/16 X 1 X 3 .016R	Solid Carbide End Mill	\$ 80.65
MMX4568-031	5 FL	Standard	Rad.	7/16 X 7/16 X 1 X 3 .031R	Solid Carbide End Mill	\$ 80.65
MMX4568-063	5 FL	Standard	Rad.	7/16 X 7/16 X 1 X 3 .063R	Solid Carbide End Mill	\$ 80.65
MMX4568-094	5 FL	Standard	Rad.	7/16 X 7/16 X 1 X 3 .094R	Solid Carbide End Mill	\$ 80.65
<b>MMX4570-016 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>1/2 X 1/2 X 5/8 X 3 .016R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 85.44</b>
<b>MMX4570-031 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>1/2 X 1/2 X 5/8 X 3 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 85.44</b>
MMX4570-063	5 FL	Standard	Rad.	1/2 X 1/2 X 5/8 X 3 .063R	Solid Carbide End Mill	\$ 85.44
MMX4570-094	5 FL	Standard	Rad.	1/2 X 1/2 X 5/8 X 3 .094R	Solid Carbide End Mill	\$ 85.44
MMX4570-125	5 FL	Standard	Rad.	1/2 X 1/2 X 5/8 X 3 .125R	Solid Carbide End Mill	\$ 85.44
MMX4572-016	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .016R	Solid Carbide End Mill	\$ 97.75
MMX4572-031	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .031R	Solid Carbide End Mill	\$ 97.99
MMX4572-063	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .063R	Solid Carbide End Mill	\$ 97.75
MMX4572-094	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .094R	Solid Carbide End Mill	\$ 97.75
MMX4572-125	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 3-1/2 .125R	Solid Carbide End Mill	\$ 97.75
<b>MMX4574-016 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>1/2 X 1/2 X 1-1/4 X 3-1/2 .016R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 98.66</b>
<b>MMX4574-031 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>1/2 X 1/2 X 1-1/4 X 3-1/2 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 98.66</b>
MMX4574-063	5 FL	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3-1/2 .063R	Solid Carbide End Mill	\$ 98.66
MMX4574-094	5 FL	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3-1/2 .094R	Solid Carbide End Mill	\$ 98.66
MMX4574-125	5 FL	Standard	Rad.	1/2 X 1/2 X 1-1/4 X 3-1/2 .125R	Solid Carbide End Mill	\$ 98.66
MMX4576-016	5 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .016R	Solid Carbide End Mill	\$ 120.43
MMX4576-031	5 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .031R	Solid Carbide End Mill	\$ 120.43
MMX4576-063	5 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .063R	Solid Carbide End Mill	\$ 120.43

MMX4576-094	5 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .094R	Solid Carbide End Mill	\$ 120.43
MMX4576-125	5 FL	Standard	Rad.	1/2 X 1/2 X 2 X 4-1/2 .125R	Solid Carbide End Mill	\$ 120.43
MMX4578-016	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 6 .016R	Solid Carbide End Mill	\$ 134.43
MMX4578-031	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 6 .031R	Solid Carbide End Mill	\$ 134.43
MMX4578-063	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 6 .063R	Solid Carbide End Mill	\$ 134.43
MMX4578-094	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 6 .094R	Solid Carbide End Mill	\$ 134.43
MMX4578-125	5 FL	Standard	Rad.	1/2 X 1/2 X 1 X 6 .125R	Solid Carbide End Mill	\$ 134.43
<b>MMX4580-031 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>5/8 X 5/8 X 3/4 X 3-1/2 .031R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 134.49</b>
<b>MMX4580-063 *</b>	<b>5 FL</b>	<b>Standard</b>	<b>Rad.</b>	<b>5/8 X 5/8 X 3/4 X 3-1/2 .063R</b>	<b>Solid Carbide End Mill</b>	<b>\$ 134.49</b>
MMX4580-094	5 FL	Standard	Rad.	5/8 X 5/8 X 3/4 X 3-1/2 .094R	Solid Carbide End Mill	\$ 134.49
MMX4580-125	5 FL	Standard	Rad.	5/8 X 5/8 X 3/4 X 3-1/2 .125R	Solid Carbide End Mill	\$ 134.49
MMX4582-031	5 FL	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 4 .031R	Solid Carbide End Mill	\$ 153.41
MMX4582-063	5 FL	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 4 .063R	Solid Carbide End Mill	\$ 153.41
MMX4582-094	5 FL	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 4 .094R	Solid Carbide End Mill	\$ 153.41
MMX4582-125	5 FL	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 4 .125R	Solid Carbide End Mill	\$ 153.41
MMX4584-031	5 FL	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .031R	Solid Carbide End Mill	\$ 222.96
MMX4584-063	5 FL	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .063R	Solid Carbide End Mill	\$ 222.96
MMX4584-094	5 FL	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .094R	Solid Carbide End Mill	\$ 222.96
MMX4584-125	5 FL	Standard	Rad.	5/8 X 5/8 X 2-1/4 X 5 .125R	Solid Carbide End Mill	\$ 222.96
MMX4586-031	5 FL	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 6 .031R	Solid Carbide End Mill	\$ 228.60
MMX4586-063	5 FL	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 6 .063R	Solid Carbide End Mill	\$ 228.60
MMX4586-094	5 FL	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 6 .094R	Solid Carbide End Mill	\$ 228.60
MMX4586-125	5 FL	Standard	Rad.	5/8 X 5/8 X 1-1/4 X 6 .125R	Solid Carbide End Mill	\$ 228.60
MMX4588-031	5 FL	Standard	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .031R	Solid Carbide End Mill	\$ 202.71
MMX4588-063	5 FL	Standard	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .063R	Solid Carbide End Mill	\$ 201.98
MMX4588-094	5 FL	Standard	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .094R	Solid Carbide End Mill	\$ 201.98
MMX4588-125	5 FL	Standard	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .125R	Solid Carbide End Mill	\$ 201.98
MMX4588-188	5 FL	Standard	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .188R	Solid Carbide End Mill	\$ 201.98
MMX4588-250	5 FL	Standard	Rad.	3/4 X 3/4 X 7/8 X 3-1/2 .250R	Solid Carbide End Mill	\$ 201.98
MMX4590-016	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4-1/2 .016RAD ALTIM	Solid Carbide End Mill	\$ 233.33
MMX4590-031	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4-1/2 .031R	Solid Carbide End Mill	\$ 233.33
MMX4590-063	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4-1/2 .063R	Solid Carbide End Mill	\$ 233.33
MMX4590-094	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4-1/2 .094R	Solid Carbide End Mill	\$ 233.33
MMX4590-125	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4-1/2 .125R	Solid Carbide End Mill	\$ 233.33
MMX4590-188	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4-1/2 .188R	Solid Carbide End Mill	\$ 233.33
MMX4590-250	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 4-1/2 .250R	Solid Carbide End Mill	\$ 233.33
MMX4592-031	5 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5-1/2 .031R	Solid Carbide End Mill	\$ 286.57
MMX4592-063	5 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5-1/2 .063R	Solid Carbide End Mill	\$ 286.57
MMX4592-094	5 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5-1/2 .094R	Solid Carbide End Mill	\$ 286.57
MMX4592-125	5 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5-1/2 .125R	Solid Carbide End Mill	\$ 286.57



MMX4592-188	5 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5-1/2 .188R	Solid Carbide End Mill	\$ 286.57
MMX4592-250	5 FL	Standard	Rad.	3/4 X 3/4 X 2-1/4 X 5-1/2 .250R	Solid Carbide End Mill	\$ 286.57
MMX4594-031	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .031R	Solid Carbide End Mill	\$ 301.31
MMX4594-063	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .063R	Solid Carbide End Mill	\$ 301.31
MMX4594-094	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .094R	Solid Carbide End Mill	\$ 301.31
MMX4594-125	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .125R	Solid Carbide End Mill	\$ 301.31
MMX4594-188	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .188R	Solid Carbide End Mill	\$ 301.31
MMX4594-250	5 FL	Standard	Rad.	3/4 X 3/4 X 1-1/2 X 6 .250R	Solid Carbide End Mill	\$ 301.31
MMX4596-031	5 FL	Standard	Rad.	1 X 1 X 1-1/2 X 4-1/2 .031R	Solid Carbide End Mill	\$ 327.02
MMX4596-063	5 FL	Standard	Rad.	1 X 1 X 1-1/2 X 4-1/2 .063R	Solid Carbide End Mill	\$ 327.02
MMX4596-094	5 FL	Standard	Rad.	1 X 1 X 1-1/2 X 4-1/2 .094R	Solid Carbide End Mill	\$ 327.02
MMX4596-125	5 FL	Standard	Rad.	1 X 1 X 1-1/2 X 4-1/2 .125R	Solid Carbide End Mill	\$ 327.02
MMX4596-188	5 FL	Standard	Rad.	1 X 1 X 1-1/2 X 4-1/2 .188R	Solid Carbide End Mill	\$ 327.02
MMX4596-250	5 FL	Standard	Rad.	1 X 1 X 1-1/2 X 4-1/2 .250R	Solid Carbide End Mill	\$ 327.02
MMX4598-031	5 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5-1/2 .031R	Solid Carbide End Mill	\$ 467.27
MMX4598-063	5 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5-1/2 .063R	Solid Carbide End Mill	\$ 467.27
MMX4598-094	5 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5-1/2 .094R	Solid Carbide End Mill	\$ 467.27
MMX4598-125	5 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5-1/2 .125R	Solid Carbide End Mill	\$ 467.27
MMX4598-188	5 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5-1/2 .188R	Solid Carbide End Mill	\$ 467.27
MMX4598-250	5 FL	Standard	Rad.	1 X 1 X 2-1/2 X 5-1/2 .250R	Solid Carbide End Mill	\$ 467.27
MMX6012	4 FL	Standard	Ball	3/16 X 3/16 X 9/16 X 2-1/2	Solid Carbide End Mill	\$ 28.32
MMX6016	4 FL	Standard	Ball	1/4 X 1/4 X 3/4 X 3	Solid Carbide End Mill	\$ 36.63
MMX6020	4 FL	Standard	Ball	5/16 X 5/16 X 13/16 X 3	Solid Carbide End Mill	\$ 45.96
MMX6024	4 FL	Standard	Ball	3/8 X 3/8 X 1 X 3	Solid Carbide End Mill	\$ 55.00
MMX6028	4 FL	Standard	Ball	7/16 X 7/16 X 1 X 3	Solid Carbide End Mill	\$ 69.19
MMX6032	4 FL	Standard	Ball	1/2 X 1/2 X 1-1/4 X 3-1/2	Solid Carbide End Mill	\$ 85.86
MMX6034	4 FL	Standard	Ball	5/8 X 5/8 X 1-5/8 X 4	Solid Carbide End Mill	\$ 135.16
MMX6036	4 FL	Standard	Ball	3/4 X 3/4 X 1-5/8 X 4-1/2	Solid Carbide End Mill	\$ 205.86
MMX6037	4 FL	Standard	Ball	3/4 X 3/4 X 2-1/4 X 5-1/2	Solid Carbide End Mill	\$ 245.16
MMX6040	4 FL	Standard	Ball	1 X 1 X 2 X 4-1/2	Solid Carbide End Mill	\$ 340.48
MMX8411	4 FL	Xtra Lgth	Sq.	3/16 X 3/16 X 7/32 X 3	Solid Carbide End Mill	\$ 51.36
MMX8411-016	4 FL	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .016R 1/2 LBS	Solid Carbide End Mill	\$ 54.82
MMX8411-031	4 FL	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .031R 1/2LBS	Solid Carbide End Mill	\$ 54.82
MMX8411-063	4 FL	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .063R 1/2LBS	Solid Carbide End Mill	\$ 54.82
MMX8413	4 FL	Xtra Lgth	Sq.	3/16 X 3/16 X 7/32 X 3 3/4LBS	Solid Carbide End Mill	\$ 51.78
MMX8413-016	4 FL	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .016R 3/4LBS	Solid Carbide End Mill	\$ 55.30
MMX8413-031	4 FL	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .031R 3/4LBS	Solid Carbide End Mill	\$ 55.30
MMX8413-063	4 FL	Xtra Lgth	Rad.	3/16 X 3/16 X 7/32 X 3 .063R 3/4LBS	Solid Carbide End Mill	\$ 55.30
MMX8421	4 FL	Xtra Lgth	Sq.	1/4 X 1/4 X 7/32 X 4 3/4LBS	Solid Carbide End Mill	\$ 62.34
MMX8421-016	4 FL	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .016R 3/4LBS	Solid Carbide End Mill	\$ 66.46

MMX8421-031	4 FL	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .031R 3/4LBS	Solid Carbide End Mill	\$ 66.46
MMX8421-063	4 FL	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .063R 3/4LBS	Solid Carbide End Mill	\$ 66.46
MMX8423	4 FL	Xtra Lgth	Sq.	1/4 X 1/4 X 3/8 X 4 1-1/8LBS	Solid Carbide End Mill	\$ 63.18
MMX8423-016	4 FL	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .016R 1-1/8LBS	Solid Carbide End Mill	\$ 67.37
MMX8423-031	4 FL	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .031R 1-1/8LBS	Solid Carbide End Mill	\$ 67.37
MMX8423-063	4 FL	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .063R 1-1/8LBS	Solid Carbide End Mill	\$ 67.37
MMX8425	4 FL	Xtra Lgth	Sq.	1/4 X 1/4 X 3/8 X 4 2-1/8LBS	Solid Carbide End Mill	\$ 65.43
MMX8425-016	4 FL	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .016R 2-1/8LBS	Solid Carbide End Mill	\$ 69.79
MMX8425-031	4 FL	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .031R 2-1/8LBS	Solid Carbide End Mill	\$ 69.79
MMX8425-063	4 FL	Xtra Lgth	Rad.	1/4 X 1/4 X 3/8 X 4 .063R 2-1/8LBS	Solid Carbide End Mill	\$ 69.79
MMX8441	4 FL	Xtra Lgth	Sq.	3/8 X 3/8 X 1/2 X 4 1-1/8LBS	Solid Carbide End Mill	\$ 89.14
MMX8441-016	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 4 .016R 1-1/8LBS	Solid Carbide End Mill	\$ 93.87
MMX8441-031	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 4 .031R 1-1/8LBS	Solid Carbide End Mill	\$ 93.87
MMX8441-063	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 4 .063R 1-1/8LBS	Solid Carbide End Mill	\$ 93.87
MMX8441-094	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 4 .094R 1-1/8LBS	Solid Carbide End Mill	\$ 93.87
MMX8443	4 FL	Xtra Lgth	Sq.	3/8 X 3/8 X 1/2 X 6 2-3/8LBS	Solid Carbide End Mill	\$ 115.09
MMX8443-016	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .016R 2-3/8LBS	Solid Carbide End Mill	\$ 121.21
MMX8443-031	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .031R 2-3/8LBS	Solid Carbide End Mill	\$ 121.21
MMX8443-063	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .063R 2-3/8LBS	Solid Carbide End Mill	\$ 121.21
MMX8443-094	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .094R 2-3/8LBS	Solid Carbide End Mill	\$ 121.21
MMX8445	4 FL	Xtra Lgth	Sq.	3/8 X 3/8 X 1/2 X 6 3-3/8LBS	Solid Carbide End Mill	\$ 118.06
MMX8445-016	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .016R 3-3/8LBS	Solid Carbide End Mill	\$ 124.37
MMX8445-031	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .031R 3-3/8LBS	Solid Carbide End Mill	\$ 124.37
MMX8445-063	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .063R 3-3/8LBS	Solid Carbide End Mill	\$ 124.37
MMX8445-094	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .094R 3-3/8LBS	Solid Carbide End Mill	\$ 124.37
MMX8447	4 FL	Xtra Lgth	Sq.	3/8 X 3/8 X 1/2 X 6 4LBS	Solid Carbide End Mill	\$ 119.94
MMX8447-016	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .016R 4LBS	Solid Carbide End Mill	\$ 126.31
MMX8447-031	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .031R 4LBS	Solid Carbide End Mill	\$ 126.31
MMX8447-063	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .063R 4LBS	Solid Carbide End Mill	\$ 126.31
MMX8447-094	4 FL	Xtra Lgth	Rad.	3/8 X 3/8 X 1/2 X 6 .094R 4LBS	Solid Carbide End Mill	\$ 126.31
MMX8461	4 FL	Xtra Lgth	Sq.	1/2 X 1/2 X 5/8 X 4 1-3/8LBS	Solid Carbide End Mill	\$ 115.51
MMX8461-016	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .016R 1-3/8LBS	Solid Carbide End Mill	\$ 121.64
MMX8461-031	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .031R 1-3/8LBS	Solid Carbide End Mill	\$ 121.64
MMX8461-063	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .063R 1-3/8LBS	Solid Carbide End Mill	\$ 121.64
MMX8461-094	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .094R 1-3/8LBS	Solid Carbide End Mill	\$ 121.64
MMX8461-125	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 4 .125R 1-3/8LBS	Solid Carbide End Mill	\$ 121.64
MMX8463	4 FL	Xtra Lgth	Sq.	1/2 X 1/2 X 5/8 X 6 2-3/8LBS	Solid Carbide End Mill	\$ 146.32
MMX8463-016	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .016R 2-3/8LBS	Solid Carbide End Mill	\$ 154.08
MMX8463-031	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .031R 2-3/8LBS	Solid Carbide End Mill	\$ 154.08
MMX8463-063	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .063R 2-3/8LBS	Solid Carbide End Mill	\$ 154.08

MMX8463-094	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .094R 2-3/8LBS	Solid Carbide End Mill	\$ 154.08
MMX8463-125	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .125R 2-3/8LBS	Solid Carbide End Mill	\$ 154.08
MMX8465	4 FL	Xtra Lgth	Sq.	1/2 X 1/2 X 5/8 X 6 3-3/8LBS	Solid Carbide End Mill	\$ 150.14
MMX8465-016	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .016R 3-3/8LBS	Solid Carbide End Mill	\$ 158.14
MMX8465-031	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .031R 3-3/8LBS	Solid Carbide End Mill	\$ 158.14
MMX8465-063	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .063R 3-3/8LBS	Solid Carbide End Mill	\$ 158.14
MMX8465-094	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .094R 3-3/8LBS	Solid Carbide End Mill	\$ 158.14
MMX8465-125	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .125R 3-3/8LBS	Solid Carbide End Mill	\$ 158.14
MMX8467	4 FL	Xtra Lgth	Sq.	1/2 X 1/2 X 5/8 X 6 4-1/8LBS	Solid Carbide End Mill	\$ 153.23
MMX8467-016	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .016R 4-1/8LBS	Solid Carbide End Mill	\$ 161.36
MMX8467-031	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .031R 4-1/8LBS	Solid Carbide End Mill	\$ 161.36
MMX8467-063	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .063R 4-1/8LBS	Solid Carbide End Mill	\$ 161.36
MMX8467-094	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .094R 4-1/8LBS	Solid Carbide End Mill	\$ 161.36
MMX8467-125	4 FL	Xtra Lgth	Rad.	1/2 X 1/2 X 5/8 X 6 .125R 4-1/8LBS	Solid Carbide End Mill	\$ 161.36
MMX8471	4 FL	Xtra Lgth	Sq.	5/8 X 5/8 X 3/4 X 4 1-5/8LBS	Solid Carbide End Mill	\$ 153.05
MMX8471-031	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 4 .031R 1-5/8LBS	Solid Carbide End Mill	\$ 160.75
MMX8471-063	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 4 .063R 1-5/8LBS	Solid Carbide End Mill	\$ 160.75
MMX8471-094	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 4 .094R 1-5/8LBS	Solid Carbide End Mill	\$ 160.75
MMX8471-125	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 4 .0125R 1-5/8LBS	Solid Carbide End Mill	\$ 160.75
MMX8473	4 FL	Xtra Lgth	Sq.	5/8 X 5/8 X 3/4 X 6 2-3/8LBS	Solid Carbide End Mill	\$ 193.68
MMX8473-031	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .031R 2-3/8LBS	Solid Carbide End Mill	\$ 203.38
MMX8473-063	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .063R 2-3/8LBS	Solid Carbide End Mill	\$ 203.38
MMX8473-094	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .094R 2-3/8LBS	Solid Carbide End Mill	\$ 203.38
MMX8473-125	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .125R 2-3/8LBS	Solid Carbide End Mill	\$ 203.38
MMX8475	4 FL	Xtra Lgth	Sq.	5/8 X 5/8 X 3/4 X 6 3-3/8LBS	Solid Carbide End Mill	\$ 198.77
MMX8475-031	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .031R 3-3/8LBS	Solid Carbide End Mill	\$ 208.71
MMX8475-063	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .063R 3-3/8LBS	Solid Carbide End Mill	\$ 208.71
MMX8475-094	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .094R 3-3/8LBS	Solid Carbide End Mill	\$ 208.71
MMX8475-125	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .125R 3-3/8LBS	Solid Carbide End Mill	\$ 208.71
MMX8477	4 FL	Xtra Lgth	Sq.	5/8 X 5/8 X 3/4 X 6 4-1/8LBS	Solid Carbide End Mill	\$ 202.65
MMX8477-031	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .031R 4-1/8LBS	Solid Carbide End Mill	\$ 212.84
MMX8477-063	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .063R 4-1/8LBS	Solid Carbide End Mill	\$ 212.84
MMX8477-094	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .094R 4-1/8LBS	Solid Carbide End Mill	\$ 212.84
MMX8477-125	4 FL	Xtra Lgth	Rad.	5/8 X 5/8 X 3/4 X 6 .125R 4-1/8LBS	Solid Carbide End Mill	\$ 212.84
MMX8481	4 FL	Xtra Lgth	Sq.	3/4 X 3/4 X 1 X 6 2-1/2LBS	Solid Carbide End Mill	\$ 255.77
MMX8481-031	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .031R 2-1/2LBS	Solid Carbide End Mill	\$ 268.08
MMX8481-063	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .063R 2-1/2LBS	Solid Carbide End Mill	\$ 268.08
MMX8481-094	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .094R 2-1/2LBS	Solid Carbide End Mill	\$ 268.08
MMX8481-125	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .125R 2-1/2LBS	Solid Carbide End Mill	\$ 268.08
MMX8481-188	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .188R 2-1/2LBS	Solid Carbide End Mill	\$ 268.08

MMX8481-250	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .250R 2-1/2LBS	Solid Carbide End Mill	\$ 268.08
MMX8483	4 FL	Xtra Lgth	Sq.	3/4 X 3/4 X 1 X 6 3-3/8LBS	Solid Carbide End Mill	\$ 261.11
MMX8483-031	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .031R 3-3/8LBS	Solid Carbide End Mill	\$ 273.66
MMX8483-063	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .063R 3-3/8LBS	Solid Carbide End Mill	\$ 273.66
MMX8483-094	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .094R 3-3/8LBS	Solid Carbide End Mill	\$ 273.66
MMX8483-125	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .125R 3-3/8LBS	Solid Carbide End Mill	\$ 273.66
MMX8483-188	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .188R 3-3/8LBS	Solid Carbide End Mill	\$ 273.66
MMX8483-250	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .250R 3-3/8LBS	Solid Carbide End Mill	\$ 273.66
MMX8485	4 FL	Xtra Lgth	Sq.	3/4 X 3/4 X 1 X 6 4-1/8LBS	Solid Carbide End Mill	\$ 265.71
MMX8485-031	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .031R 4-1/8LBS	Solid Carbide End Mill	\$ 278.51
MMX8485-063	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .063R 4-1/8LBS	Solid Carbide End Mill	\$ 278.51
MMX8485-094	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .094R 4-1/8LBS	Solid Carbide End Mill	\$ 278.51
MMX8485-125	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .125R 4-1/8LBS	Solid Carbide End Mill	\$ 278.51
MMX8485-188	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .188R 4-1/8LBS	Solid Carbide End Mill	\$ 278.51
MMX8485-250	4 FL	Xtra Lgth	Rad.	3/4 X 3/4 X 1 X 6 .250R 4-1/8LBS	Solid Carbide End Mill	\$ 278.51
MMX8491	4 FL	Xtra Lgth	Sq.	1 X 1 X 1-1/4 X 6 2-1/2LBS	Solid Carbide End Mill	\$ 399.48
MMX8491-031	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .031R 2-1/2LBS	Solid Carbide End Mill	\$ 417.49
MMX8491-063	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .063R 2-1/2LBS	Solid Carbide End Mill	\$ 417.49
MMX8491-094	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .094R 2-1/2LBS	Solid Carbide End Mill	\$ 417.49
MMX8491-125	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .125R 2-1/2LBS	Solid Carbide End Mill	\$ 417.49
MMX8491-188	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .188R 2-1/2LBS	Solid Carbide End Mill	\$ 417.49
MMX8491-250	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .250R 2-1/2LBS	Solid Carbide End Mill	\$ 417.49
MMX8493	4 FL	Xtra Lgth	Sq.	1 X 1 X 1-1/4 X 6 3-3/8LBS	Solid Carbide End Mill	\$ 406.45
MMX8493-031	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .031R 3-3/8LBS	Solid Carbide End Mill	\$ 424.77
MMX8493-063	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .063R 3-3/8LBS	Solid Carbide End Mill	\$ 424.77
MMX8493-094	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .094R 3-3/8LBS	Solid Carbide End Mill	\$ 424.77
MMX8493-125	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .125R 3-3/8LBS	Solid Carbide End Mill	\$ 424.77
MMX8493-188	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .188R 3-3/8LBS	Solid Carbide End Mill	\$ 424.77
MMX8493-250	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .250R 3-3/8LBS	Solid Carbide End Mill	\$ 424.77
MMX8495	4 FL	Xtra Lgth	Sq.	1 X 1 X 1-1/4 X 6 4-1/8LBS	Solid Carbide End Mill	\$ 412.46
MMX8495-031	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .031R 4-1/8LBS	Solid Carbide End Mill	\$ 431.01
MMX8495-063	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .063R 4-1/8LBS	Solid Carbide End Mill	\$ 431.01
MMX8495-094	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .094R 4-1/8LBS	Solid Carbide End Mill	\$ 431.01
MMX8495-125	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .125R 4-1/8LBS	Solid Carbide End Mill	\$ 431.01
MMX8495-188	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .188R 4-1/8LBS	Solid Carbide End Mill	\$ 431.01
MMX8495-250	4 FL	Xtra Lgth	Rad.	1 X 1 X 1-1/4 X 6 .250R 4-1/8LBS	Solid Carbide End Mill	\$ 431.01
MMX8501	4 FL	Xtra Lgth	Ball	1/8 X 1/8 X 5/32 X 3 BALL 3/8LBS	Solid Carbide End Mill	\$ 50.27
MMX8503	4 FL	Xtra Lgth	Ball	1/8 X 1/8 X 5/32 X 3 BALL 1/2LBS	Solid Carbide End Mill	\$ 50.51
MMX8505	4 FL	Xtra Lgth	Ball	1/8 X 1/8 X 5/32 X 3 BALL 5/8LBS	Solid Carbide End Mill	\$ 50.57
MMX8511	4 FL	Xtra Lgth	Ball	3/16 X 3/16 X 7/32 X 3 BALL 1/2LBS	Solid Carbide End Mill	\$ 57.24

MMX8513	4 FL	Xtra Lgth	Ball	3/16 X 3/16 X 7/32 X 3 BALL 3/4LBS	Solid Carbide End Mill	\$ 57.73
MMX8521	4 FL	Xtra Lgth	Ball	1/4 X 1/4 X 3/8 X 4 BALL 3/4LBS	Solid Carbide End Mill	\$ 69.37
MMX8523	4 FL	Xtra Lgth	Ball	1/4 X 1/4 X 3/8 X 4 BALL 1-1/8LBS	Solid Carbide End Mill	\$ 70.28
MMX8525	4 FL	Xtra Lgth	Ball	1/4 X 1/4 X 3/8 X 4 BALL 2-1/8LBS	Solid Carbide End Mill	\$ 72.77
MMX8541	4 FL	Xtra Lgth	Ball	3/8 X 3/8 X 3/8 X 4 BALL 1-1/8LBS	Solid Carbide End Mill	\$ 96.72
MMX8543	4 FL	Xtra Lgth	Ball	3/8 X 3/8 X 1/2 X 6 BALL 2-3/8LBS	Solid Carbide End Mill	\$ 124.91
MMX8545	4 FL	Xtra Lgth	Ball	3/8 X 3/8 X 1/2 X 6 BALL 3-3/8LBS	Solid Carbide End Mill	\$ 128.13
MMX8547	4 FL	Xtra Lgth	Ball	3/8 X 3/8 X 1/2 X 6 BALL 4LBS	Solid Carbide End Mill	\$ 130.19
MMX8561	4 FL	Xtra Lgth	Ball	1/2 X 1/2 X 5/8 X 4 BALL 1-3/8LBS	Solid Carbide End Mill	\$ 125.34
MMX8563	4 FL	Xtra Lgth	Ball	1/2 X 1/2 X 5/8 X 6 BALL 2-3/8LBS	Solid Carbide End Mill	\$ 158.81
MMX8565	4 FL	Xtra Lgth	Ball	1/2 X 1/2 X 5/8 X 6 BALL 3-3/8LBS	Solid Carbide End Mill	\$ 162.93
MMX8567	4 FL	Xtra Lgth	Ball	1/2 X 1/2 X 5/8 X 6 BALL 4-1/8LBS	Solid Carbide End Mill	\$ 166.27
MMX8571	4 FL	Xtra Lgth	Ball	5/8 X 5/8 X 3/4 X 4 BALL 1-5/8LBS	Solid Carbide End Mill	\$ 165.30
MMX8573	4 FL	Xtra Lgth	Ball	5/8 X 5/8 X 3/4 X 6 BALL 2-3/8LBS	Solid Carbide End Mill	\$ 209.20
MMX8575	4 FL	Xtra Lgth	Ball	5/8 X 5/8 X 3/4 X 6 BALL 3-3/8LBS	Solid Carbide End Mill	\$ 214.72
MMX8577	4 FL	Xtra Lgth	Ball	5/8 X 5/8 X 3/4 X 6 BALL 4-1/8LBS	Solid Carbide End Mill	\$ 218.90
MMX8581	4 FL	Xtra Lgth	Ball	3/4 X 3/4 X 1 X 6 BALL 2-1/2LBS	Solid Carbide End Mill	\$ 275.23
MMX8583	4 FL	Xtra Lgth	Ball	3/4 X 3/4 X 1 X 6 BALL 3-3/8LBS	Solid Carbide End Mill	\$ 280.99
MMX8585	4 FL	Xtra Lgth	Ball	3/4 X 3/4 X 1 X 6 BALL 4-1/8LBS	Solid Carbide End Mill	\$ 285.91
MMX8591	4 FL	Xtra Lgth	Ball	1 X 1 X 1-1/4 X 6 BALL 2-1/2LBS	Solid Carbide End Mill	\$ 427.49
MMX8593	4 FL	Xtra Lgth	Ball	1 X 1 X 1-1/4 X 6 BALL 3-3/8LBS	Solid Carbide End Mill	\$ 434.95
MMX8595	4 FL	Xtra Lgth	Ball	1 X 1 X 1-1/4 X 6 BALL 4-1/8LBS	Solid Carbide End Mill	\$ 441.38



# CONTOUR360<sup>o</sup>

cutting tool technologies

Standard Length End Mills  
 2 Flute, 30 Degree Helix, Center Cutting  
 Solid Carbide End Mills

2 Flute - Square End

**EFFECTIVE FEBRUARY 2020**

Dia.	Tool Description	Uncoated		TiCN Coated		AlTiN Coated	
		Tool Number	List Price	Tool Number	List Price	Tool Number	List Price
1/32	1/32 x 1/8 x 3/32 x 1-1/2	NC42002	\$ 12.02	NC42002T	\$ 16.22	NC42002A	\$ 16.22
3/64	3/64 x 1/8 x 1/8 x 1-1/2	NC42003	\$ 10.29	NC42003T	\$ 13.86	NC42003A	\$ 13.86
1/16	1/16 x 1/8 x 3/16 x 1-1/2	NC42004	\$ 8.93	NC42004T	\$ 10.50	NC42004A	\$ 10.50
5/64	5/64 x 1/8 x 3/16 x 1-1/2	NC42005	\$ 9.24	NC42005T	\$ 12.44	NC42005A	\$ 12.44
3/32	3/32 x 1/8 x 3/8 x 1-1/2	NC42006	\$ 8.14	NC42006T	\$ 10.29	NC42006A	\$ 10.29
7/64	7/64 x 1/8 x 3/8 x 1-1/2	NC42007	\$ 8.51	NC42007T	\$ 11.45	NC42007A	\$ 11.45
1/8	1/8 x 1/8 x 1/2 x 1-1/2	NC42008	\$ 7.82	NC42008T	\$ 10.13	NC42008A	\$ 10.13
9/64	9/64 x 3/16 x 9/16 x 2	NC42009	\$ 10.61	NC42009T	\$ 13.60	NC42009A	\$ 13.60
5/32	5/32 x 3/16 x 9/16 x 2	NC42010	\$ 10.61	NC42010T	\$ 13.60	NC42010A	\$ 13.60
11/64	11/64 x 3/16 x 9/16 x 2	NC42011	\$ 10.61	NC42011T	\$ 13.60	NC42011A	\$ 13.60
3/16	3/16 x 3/16 x 5/8 x 2	NC42012	\$ 10.08	NC42012T	\$ 13.07	NC42012A	\$ 13.07
13/64	13/64 x 1/4 x 5/8 x 2-1/2	NC42013	\$ 13.60	NC42013T	\$ 19.85	NC42013A	\$ 19.85
7/32	7/32 x 1/4 x 5/8 x 2-1/2	NC42014	\$ 13.60	NC42014T	\$ 19.85	NC42014A	\$ 19.85
15/64	15/64 x 1/4 x 3/4 x 2-1/2	NC42015	\$ 13.60	NC42015T	\$ 19.85	NC42015A	\$ 19.85
1/4	1/4 x 1/4 x 3/4 x 2-1/2	NC42016	\$ 12.39	NC42016T	\$ 18.59	NC42016A	\$ 18.59
17/64	17/64 x 5/16 x 7/8 x 2-1/2	NC42017	\$ 21.74	NC42017T	\$ 30.50	NC42017A	\$ 30.50
9/32	9/32 x 5/16 x 7/8 x 2-1/2	NC42018	\$ 21.74	NC42018T	\$ 30.50	NC42018A	\$ 30.50
19/64	19/64 x 5/16 x 7/8 x 2-1/2	NC42019	\$ 21.74	NC42019T	\$ 30.50	NC42019A	\$ 30.50
5/16	5/16 x 5/16 x 7/8 x 2-1/2	NC42020	\$ 17.38	NC42020T	\$ 26.20	NC42020A	\$ 26.20
21/64	21/64 x 3/8 x 7/8 x 2-1/2	NC42021	\$ 25.73	NC42021T	\$ 34.86	NC42021A	\$ 34.86
11/32	11/32 x 3/8 x 7/8 x 2-1/2	NC42022	\$ 25.73	NC42022T	\$ 34.86	NC42022A	\$ 34.86
23/64	23/64 x 3/8 x 7/8 x 2-1/2	NC42023	\$ 25.73	NC42023T	\$ 34.86	NC42023A	\$ 34.86
3/8	3/8 x 3/8 x 7/8 x 2-1/2	NC42024	\$ 21.63	NC42024T	\$ 30.77	NC42024A	\$ 30.77
7/16	7/16 x 7/16 x 1 x 2-3/4	NC42028	\$ 27.62	NC42028T	\$ 39.27	NC42028A	\$ 39.27
1/2	1/2 x 1/2 x 1 x 3	NC42032	\$ 36.17	NC42032T	\$ 47.93	NC42032A	\$ 47.93
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2	NC42034	\$ 69.67	NC42034T	\$ 86.89	NC42034A	\$ 86.89
3/4	3/4 x 3/4 x 1-1/2 x 4	NC42036	\$102.22	NC42036T	\$122.38	NC42036A	\$122.38
1	1 x 1 x 1-1/2 x 4	NC42040	\$152.88	NC42040T	\$182.60	NC42040A	\$182.60







**Standard Length End Mills**  
**4 Flute, 30 Degree Helix, Center Cutting**  
**Solid Carbide End Mills**

**4 Flute - Square End**

Effective February 2020

Dia.	Tool Description	Uncoated		TiCN Coated		AlTiN Coated	
		Tool Number	List Price	Tool Number	List Price	Tool Number	List Price
1/32	1/32 x 1/8 x 3/32 x 1-1/2	NC44002	\$ 12.02	NC44002T	\$ 16.22	NC44002A	\$ 16.22
3/64	3/64 x 1/8 x 1/8 x 1-1/2	NC44003	\$ 10.29	NC44003T	\$ 13.86	NC44003A	\$ 13.86
1/16	1/16 x 1/8 x 3/16 x 1-1/2	NC44004	\$ 8.93	NC44004T	\$ 10.50	NC44004A	\$ 10.50
5/64	5/64 x 1/8 x 3/16 x 1-1/2	NC44005	\$ 9.24	NC44005T	\$ 12.44	NC44005A	\$ 12.44
3/32	3/32 x 1/8 x 3/8 x 1-1/2	NC44006	\$ 8.14	NC44006T	\$ 10.29	NC44006A	\$ 10.29
7/64	7/64 x 1/8 x 3/8 x 1-1/2	NC44007	\$ 8.51	NC44007T	\$ 11.45	NC44007A	\$ 11.45
1/8	1/8 x 1/8 x 1/2 x 1-1/2	NC44008	\$ 7.82	NC44008T	\$ 10.13	NC44008A	\$ 10.13
9/64	9/64 x 3/16 x 9/16 x 2	NC44009	\$ 10.61	NC44009T	\$ 13.60	NC44009A	\$ 13.60
5/32	5/32 x 3/16 x 9/16 x 2	NC44010	\$ 10.61	NC44010T	\$ 13.60	NC44010A	\$ 13.60
11/64	11/64 x 3/16 x 9/16 x 2	NC44011	\$ 10.61	NC44011T	\$ 13.60	NC44011A	\$ 13.60
3/16	3/16 x 3/16 x 5/8 x 2	NC44012	\$ 10.08	NC44012T	\$ 13.07	NC44012A	\$ 13.07
13/64	13/64 x 1/4 x 5/8 x 2-1/2	NC44013	\$ 13.60	NC44013T	\$ 19.85	NC44013A	\$ 19.85
7/32	7/32 x 1/4 x 5/8 x 2-1/2	NC44014	\$ 13.60	NC44014T	\$ 19.85	NC44014A	\$ 19.85
15/64	15/64 x 1/4 x 3/4 x 2-1/2	NC44015	\$ 13.60	NC44015T	\$ 19.85	NC44015A	\$ 19.85
1/4	1/4 x 1/4 x 3/4 x 2-1/2	NC44016	\$ 12.39	NC44016T	\$ 18.59	NC44016A	\$ 18.59
17/64	17/64 x 5/16 x 7/8 x 2-1/2	NC44017	\$ 21.74	NC44017T	\$ 30.50	NC44017A	\$ 30.50
9/32	9/32 x 5/16 x 7/8 x 2-1/2	NC44018	\$ 21.74	NC44018T	\$ 30.50	NC44018A	\$ 30.50
19/64	19/64 x 5/16 x 7/8 x 2-1/2	NC44019	\$ 21.74	NC44019T	\$ 30.50	NC44019A	\$ 30.50
5/16	5/16 x 5/16 x 7/8 x 2-1/2	NC44020	\$ 17.38	NC44020T	\$ 26.20	NC44020A	\$ 26.20
21/64	21/64 x 3/8 x 7/8 x 2-1/2	NC44021	\$ 25.73	NC44021T	\$ 34.86	NC44021A	\$ 34.86
11/32	11/32 x 3/8 x 7/8 x 2-1/2	NC44022	\$ 25.73	NC44022T	\$ 34.86	NC44022A	\$ 34.86
23/64	23/64 x 3/8 x 7/8 x 2-1/2	NC44023	\$ 25.73	NC44023T	\$ 34.86	NC44023A	\$ 34.86
3/8	3/8 x 3/8 x 7/8 x 2-1/2	NC44024	\$ 21.63	NC44024T	\$ 30.77	NC44024A	\$ 30.77
7/16	7/16 x 7/16 x 1 x 2-3/4	NC44028	\$ 27.62	NC44028T	\$ 39.27	NC44028A	\$ 39.27
1/2	1/2 x 1/2 x 1 x 3	NC44032	\$ 36.17	NC44032T	\$ 47.93	NC44032A	\$ 47.93
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2	NC44034	\$ 69.67	NC44034T	\$ 86.89	NC44034A	\$ 86.89
3/4	3/4 x 3/4 x 1-1/2 x 4	NC44036	\$102.22	NC44036T	\$122.38	NC44036A	\$122.38
1	1 x 1 x 1-1/2 x 4	NC44040	\$152.88	NC44040T	\$182.60	NC44040A	\$182.60

# CONTOUR360<sup>0</sup>

cutting tool technologies

Standard Length Ball End Mills  
 2 Flute, 30 Degree Helix, Center Cutting  
 Solid Carbide End Mills

2 Flute - Ball

Effective February 2020

Dia.	Tool Description	Uncoated		TiCN Coated		AlTiN Coated	
		Tool Number	List Price	Tool Number	List Price	Tool Number	List Price
1/16	1/16 x 1/8 x 3/16 x 1-1/2	NC62004	\$ 10.87	NC62004T	\$ 14.65	NC62004A	\$ 14.65
5/64	5/64 x 1/8 x 3/16 x 1-1/2	NC62005	\$ 10.87	NC62005T	\$ 14.65	NC62005A	\$ 14.65
3/32	3/32 x 1/8 x 3/8 x 1-1/2	NC62006	\$ 11.39	NC62006T	\$ 15.38	NC62006A	\$ 15.38
7/64	7/64 x 1/8 x 3/8 x 1-1/2	NC62007	\$ 11.39	NC62007T	\$ 15.38	NC62007A	\$ 15.38
1/8	1/8 x 1/8 x 1/2 x 1-1/2	NC62008	\$ 10.45	NC62008T	\$ 14.07	NC62008A	\$ 14.07
9/64	9/64 x 3/16 x 9/16 x 2	NC62009	\$ 13.39	NC62009T	\$ 16.43	NC62009A	\$ 16.43
5/32	5/32 x 3/16 x 9/16 x 2	NC62010	\$ 13.39	NC62010T	\$ 16.43	NC62010A	\$ 16.43
11/64	11/64 x 3/16 x 9/16 x 2	NC62011	\$ 13.39	NC62011T	\$ 16.43	NC62011A	\$ 16.43
3/16	3/16 x 3/16 x 5/8 x 2	NC62012	\$ 12.08	NC62012T	\$ 15.07	NC62012A	\$ 15.07
1/4	1/4 x 1/4 x 3/4 x 2-1/2	NC62016	\$ 15.38	NC62016T	\$ 21.63	NC62016A	\$ 21.63
5/16	5/16 x 5/16 x 7/8 x 2-1/2	NC62020	\$ 20.16	NC62020T	\$ 28.98	NC62020A	\$ 28.98
3/8	3/8 x 3/8 x 7/8 x 2-1/2	NC62024	\$ 24.62	NC62024T	\$ 33.81	NC62024A	\$ 33.81
7/16	7/16 x 7/16 x 1 x 2-3/4	NC62028	\$ 31.71	NC62028T	\$ 43.37	NC62028A	\$ 43.37
1/2	1/2 x 1/2 x 1 x 3	NC62032	\$ 47.93	NC62032T	\$ 59.75	NC62032A	\$ 59.75
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2	NC62034	\$ 77.49	NC62034T	\$ 94.66	NC62034A	\$ 94.66
3/4	3/4 x 3/4 x 1-1/2 x 4	NC62036	\$114.08	NC62036T	\$134.24	NC62036A	\$134.24
1	1 x 1 x 1-1/2 x 4	NC62040	\$197.82	NC62040T	\$227.54	NC62040A	\$227.54



# CONTOUR360<sup>0</sup>

cutting tool technologies

**Standard Length Ball End Mills**  
**4 Flute, 30 Degree Helix, Center Cutting**  
**Solid Carbide End Mills**

**4 Flute - Ball**

**Effective February 2020**

Dia.	Tool Description	Uncoated		TiCN Coated		AlTiN Coated	
		Tool Number	List Price	Tool Number	List Price	Tool Number	List Price
1/32	1/32 x 1/8 x 3/32 x 1-1/2	NC64002	\$ 12.86	NC64002T	\$ 16.70	NC64002A	\$ 16.70
3/64	3/64 x 1/8 x 1/8 x 1-1/2	NC64003	\$ 12.86	NC64003T	\$ 16.70	NC64003A	\$ 16.70
1/16	1/16 x 1/8 x 3/16 x 1-1/2	NC64004	\$ 10.87	NC64004T	\$ 14.65	NC64004A	\$ 14.65
5/64	5/64 x 1/8 x 3/16 x 1-1/2	NC64005	\$ 10.87	NC64005T	\$ 14.65	NC64005A	\$ 14.65
3/32	3/32 x 1/8 x 3/8 x 1-1/2	NC64006	\$ 11.39	NC64006T	\$ 15.38	NC64006A	\$ 15.38
7/64	7/64 x 1/8 x 3/8 x 1-1/2	NC64007	\$ 11.39	NC64007T	\$ 15.38	NC64007A	\$ 15.38
1/8	1/8 x 1/8 x 1/2 x 1-1/2	NC64008	\$ 10.45	NC64008T	\$ 14.07	NC64008A	\$ 14.07
9/64	9/64 x 3/16 x 9/16 x 2	NC64009	\$ 13.39	NC64009T	\$ 16.43	NC64009A	\$ 16.43
5/32	5/32 x 3/16 x 9/16 x 2	NC64010	\$ 13.39	NC64010T	\$ 16.43	NC64010A	\$ 16.43
11/64	11/64 x 3/16 x 9/16 x 2	NC64011	\$ 13.39	NC64011T	\$ 16.43	NC64011A	\$ 16.43
3/16	3/16 x 3/16 x 5/8 x 2	NC64012	\$ 12.08	NC64012T	\$ 15.07	NC64012A	\$ 15.07
13/64	13/64 x 1/4 x 5/8 x 2-1/2	NC64013	\$ 16.01	NC64013T	\$ 22.26	NC64013A	\$ 22.26
7/32	7/32 x 1/4 x 5/8 x 2-1/2	NC64014	\$ 16.01	NC64014T	\$ 22.26	NC64014A	\$ 22.26
15/64	15/64 x 1/4 x 3/4 x 2-1/2	NC64015	\$ 16.01	NC64015T	\$ 22.26	NC64015A	\$ 22.26
1/4	1/4 x 1/4 x 3/4 x 2-1/2	NC64016	\$ 15.38	NC64016T	\$ 21.63	NC64016A	\$ 21.63
17//64	17/64 x 5/16 x 7/8 x 2-1/2	NC64017	\$ 24.05	NC64017T	\$ 32.81	NC64017A	\$ 32.81
9/32	9/32 x 5/16 x 7/8 x 2-1/2	NC64018	\$ 24.05	NC64018T	\$ 32.81	NC64018A	\$ 32.81
19/64	19/64 x 5/16 x 7/8 x 2-1/2	NC64019	\$ 24.05	NC64019T	\$ 32.81	NC64019A	\$ 32.81
5/16	5/16 x 5/16 x 7/8 x 2-1/2	NC64020	\$ 20.16	NC64020T	\$ 28.98	NC64020A	\$ 28.98
21/64	21/64 x 3/8 x 7/8 x 2-1/2	NC64021	\$ 28.77	NC64021T	\$ 37.91	NC64021A	\$ 37.91
11/32	11/32 x 3/8 x 7/8 x 2-1/2	NC64022	\$ 28.77	NC64022T	\$ 37.91	NC64022A	\$ 37.91
23/64	23/64 x 3/8 x 7/8 x 2-1/2	NC64023	\$ 28.77	NC64023T	\$ 37.91	NC64023A	\$ 37.91
3/8	3/8 x 3/8 x 7/8 x 2-1/2	NC64024	\$ 24.62	NC64024T	\$ 33.81	NC64024A	\$ 33.81
7/16	7/16 x 7/16 x 1 x 2-3/4	NC64028	\$ 31.71	NC64028T	\$ 43.37	NC64028A	\$ 43.37
1/2	1/2 x 1/2 x 1 x 3	NC64032	\$ 47.93	NC64032T	\$ 59.75	NC64032A	\$ 59.75
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2	NC64034	\$ 77.49	NC64034T	\$ 94.66	NC64034A	\$ 94.66
3/4	3/4 x 3/4 x 1-1/2 x 4	NC64036	\$114.08	NC64036T	\$134.24	NC64036A	\$134.24
1	1 x 1 x 1-1/2 x 4	NC64040	\$197.82	NC64040T	\$227.54	NC64040A	\$227.54

# CONTOUR360<sup>0</sup>

cutting tool technologies

Standard Length End Mills W/ Corner Radius  
 2 Flute, 30 Degree Helix, Center Cutting  
 Solid Carbide End Mills

2 Flute - Corner Radius

Effective February 2020

Dia.	Tool Description	Uncoated		TiCN Coated		AlTiN Coated	
		Tool Number	List Price	Tool Number	List Price	Tool Number	List Price
1/8	1/8 x 1/8 x 1/2 x 1-1/2 .015R	NC42102	\$ 9.14	NC42102T	\$ 11.50	NC42102A	\$ 11.50
1/8	1/8 x 1/8 x 1/2 x 1-1/2 .020R	NC42103	\$ 9.14	NC42103T	\$ 11.50	NC42103A	\$ 11.50
3/16	3/16 x 3/16 x 5/8 x 2 .015R	NC42104	\$ 12.08	NC42104T	\$ 15.07	NC42104A	\$ 15.07
3/16	3/16 x 3/16 x 5/8 x 2 .020R	NC42105	\$ 12.08	NC42105T	\$ 15.07	NC42105A	\$ 15.07
3/16	3/16 x 3/16 x 5/8 x 2 .030R	NC42106	\$ 12.08	NC42106T	\$ 15.07	NC42106A	\$ 15.07
3/16	3/16 x 3/16 x 5/8 x 2 .060R	NC42101	\$ 12.08	NC42101T	\$ 15.07	NC42101A	\$ 15.07
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .015R	NC42107	\$ 15.38	NC42107T	\$ 20.58	NC42107A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .020R	NC42108	\$ 15.38	NC42108T	\$ 20.58	NC42108A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .030R	NC42109	\$ 15.38	NC42109T	\$ 20.58	NC42109A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .045R	NC42110	\$ 15.38	NC42110T	\$ 20.58	NC42110A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .060R	NC42148	\$ 15.38	NC42148T	\$ 20.58	NC42148A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .090R	NC42149	\$ 15.38	NC42149T	\$ 20.58	NC42149A	\$ 20.58
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .015R	NC42111	\$ 20.16	NC42111T	\$ 28.98	NC42111A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .020R	NC42112	\$ 20.16	NC42112T	\$ 28.98	NC42112A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .030R	NC42113	\$ 20.16	NC42113T	\$ 28.98	NC42113A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .045R	NC42114	\$ 20.16	NC42114T	\$ 28.98	NC42114A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .060R	NC42150	\$ 20.16	NC42150T	\$ 28.98	NC42150A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .090R	NC42151	\$ 20.16	NC42151T	\$ 28.98	NC42151A	\$ 28.98
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .015R	NC42115	\$ 24.62	NC42115T	\$ 33.81	NC42115A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .020R	NC42116	\$ 24.62	NC42116T	\$ 33.81	NC42116A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .030R	NC42117	\$ 24.62	NC42117T	\$ 33.81	NC42117A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .045R	NC42118	\$ 24.62	NC42118T	\$ 33.81	NC42118A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .060R	NC42119	\$ 24.62	NC42119T	\$ 33.81	NC42119A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .090R	NC42152	\$ 24.62	NC42152T	\$ 33.81	NC42152A	\$ 33.81
1/2	1/2 x 1/2 x 1 x 3 .015R	NC42120	\$ 47.93	NC42120T	\$ 59.75	NC42120A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .020R	NC42121	\$ 47.93	NC42121T	\$ 59.75	NC42121A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .030R	NC42122	\$ 47.93	NC42122T	\$ 59.75	NC42122A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .045R	NC42123	\$ 47.93	NC42123T	\$ 59.75	NC42123A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .060R	NC42124	\$ 47.93	NC42124T	\$ 59.75	NC42124A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .090R	NC42125	\$ 47.93	NC42125T	\$ 59.75	NC42125A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .125R	NC42126	\$ 47.93	NC42126T	\$ 59.75	NC42126A	\$ 59.75
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .015R	NC42127	\$ 77.49	NC42127T	\$ 94.66	NC42127A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .020R	NC42128	\$ 77.49	NC42128T	\$ 94.66	NC42128A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .030R	NC42129	\$ 77.49	NC42129T	\$ 94.66	NC42129A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .045R	NC42130	\$ 77.49	NC42130T	\$ 94.66	NC42130A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .060R	NC42131	\$ 77.49	NC42131T	\$ 94.66	NC42131A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .090R	NC42132	\$ 77.49	NC42132T	\$ 94.66	NC42132A	\$ 94.66
3/4	3/4 x3/4 x 1-1/2 x 4 .015R	NC42133	\$114.08	NC42133T	\$134.24	NC42133A	\$134.24
3/4	3/4 x3/4 x 1-1/2 x 4 .020R	NC42134	\$114.08	NC42134T	\$134.24	NC42134A	\$134.24
3/4	3/4 x3/4 x 1-1/2 x 4 .030R	NC42135	\$114.08	NC42135T	\$134.24	NC42135A	\$134.24
3/4	3/4 x3/4 x 1-1/2 x 4 .045R	NC42136	\$114.08	NC42136T	\$134.24	NC42136A	\$134.24
3/4	3/4 x 3/4 x 1-1/2 x 4 .060R	NC42138	\$114.08	NC42138T	\$134.24	NC42138A	\$134.24
3/4	3/4 x3/4 x 1-1/2 x 4 .090R	NC42139	\$114.08	NC42139T	\$134.24	NC42139A	\$134.24
3/4	3/4 x3/4 x 1-1/2 x 4 .125R	NC42140	\$114.08	NC42140T	\$134.24	NC42140A	\$134.24
1	1 x 1 x 1-1/2 x 4 .015R	NC42141	\$197.82	NC42141T	\$227.54	NC42141A	\$227.54
1	1 x 1 x 1-1/2 x 4 .020R	NC42142	\$197.82	NC42142T	\$227.54	NC42142A	\$227.54
1	1 x 1 x 1-1/2 x 4 .030R	NC42143	\$197.82	NC42143T	\$227.54	NC42143A	\$227.54
1	1 x 1 x 1-1/2 x 4 .045R	NC42144	\$197.82	NC42144T	\$227.54	NC42144A	\$227.54

1	1 x 1 x 1-1/2 x 4 .060R	NC42145	\$197.82	NC42145T	\$227.54	NC42145A	\$227.54
1	1 x 1 x 1-1/2 x 4 .090R	NC42146	\$197.82	NC42146T	\$227.54	NC42146A	\$227.54
1	1 x 1 x 1-1/2 x 4 .125R	NC42147	\$197.82	NC42147T	\$227.54	NC42147A	\$227.54





**Standard Length End Mills W/ Corner Radius  
4 Flute, 30 Degree Helix, Center Cutting  
Solid Carbide End Mills**

**4 Flute - Corner Radius**

**Effective February 2020**

<u>Dia.</u>	<u>Tool Description</u>	<u>Uncoated</u>		<u>TiCN Coated</u>		<u>AlTiN Coated</u>	
		<u>Tool Number</u>	<u>List Price</u>	<u>Tool Number</u>	<u>List Price</u>	<u>Tool Number</u>	<u>List Price</u>
1/8	1/8 x 1/8 x 1/2 x 1-1/2 .015R	NC44102	\$ 9.14	NC44102T	\$ 11.50	NC44102A	\$ 11.50
1/8	1/8 x 1/8 x 1/2 x 1-1/2 .020R	NC44103	\$ 9.14	NC44103T	\$ 11.50	NC44103A	\$ 11.50
3/16	3/16 x 3/16 x 5/8 x 2 .015R	NC44104	\$ 12.08	NC44104T	\$ 15.07	NC44104A	\$ 15.07
3/16	3/16 x 3/16 x 5/8 x 2 .020R	NC44105	\$ 12.08	NC44105T	\$ 15.07	NC44105A	\$ 15.07
3/16	3/16 x 3/16 x 5/8 x 2 .030R	NC44106	\$ 12.08	NC44106T	\$ 15.07	NC44106A	\$ 15.07
3/16	3/16 x 3/16 x 5/8 x 2 .060R	NC44101	\$ 12.08	NC44101T	\$ 15.07	NC44101A	\$ 15.07
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .015R	NC44107	\$ 15.38	NC44107T	\$ 20.58	NC44107A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .020R	NC44108	\$ 15.38	NC44108T	\$ 20.58	NC44108A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .030R	NC44109	\$ 15.38	NC44109T	\$ 20.58	NC44109A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .045R	NC44110	\$ 15.38	NC44110T	\$ 20.58	NC44110A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .060R	NC44148	\$ 15.38	NC44148T	\$ 20.58	NC44148A	\$ 20.58
1/4	1/4 x 1/4 x 3/4 x 2-1/2 .090R	NC44149	\$ 15.38	NC44149T	\$ 20.58	NC44149A	\$ 20.58
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .015R	NC44111	\$ 20.16	NC44111T	\$ 28.98	NC44111A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .020R	NC44112	\$ 20.16	NC44112T	\$ 28.98	NC44112A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .030R	NC44113	\$ 20.16	NC44113T	\$ 28.98	NC44113A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .045R	NC44114	\$ 20.16	NC44114T	\$ 28.98	NC44114A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .060R	NC44150	\$ 20.16	NC44150T	\$ 28.98	NC44150A	\$ 28.98
5/16	5/16 x 5/16 x 7/8 x 2-1/2 .090R	NC44151	\$ 20.16	NC44151T	\$ 28.98	NC44151A	\$ 28.98
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .015R	NC44115	\$ 24.62	NC44115T	\$ 33.81	NC44115A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .020R	NC44116	\$ 24.62	NC44116T	\$ 33.81	NC44116A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .030R	NC44117	\$ 24.62	NC44117T	\$ 33.81	NC44117A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .045R	NC44118	\$ 24.62	NC44118T	\$ 33.81	NC44118A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .060R	NC44119	\$ 24.62	NC44119T	\$ 33.81	NC44119A	\$ 33.81
3/8	3/8 x 3/8 x 7/8 x 2-1/2 .090R	NC44152	\$ 24.62	NC44152T	\$ 33.81	NC44152A	\$ 33.81
1/2	1/2 x 1/2 x 1 x 3 .015R	NC44120	\$ 47.93	NC44120T	\$ 59.75	NC44120A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .020R	NC44121	\$ 47.93	NC44121T	\$ 59.75	NC44121A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .030R	NC44122	\$ 47.93	NC44122T	\$ 59.75	NC44122A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .045R	NC44123	\$ 47.93	NC44123T	\$ 59.75	NC44123A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .060R	NC44124	\$ 47.93	NC44124T	\$ 59.75	NC44124A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .090R	NC44125	\$ 47.93	NC44125T	\$ 59.75	NC44125A	\$ 59.75
1/2	1/2 x 1/2 x 1 x 3 .125R	NC44126	\$ 47.93	NC44126T	\$ 59.75	NC44126A	\$ 59.75
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .015R	NC44127	\$ 77.49	NC44127T	\$ 94.66	NC44127A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .020R	NC44128	\$ 77.49	NC44128T	\$ 94.66	NC44128A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .030R	NC44129	\$ 77.49	NC44129T	\$ 94.66	NC44129A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .045R	NC44130	\$ 77.49	NC44130T	\$ 94.66	NC44130A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .060R	NC44131	\$ 77.49	NC44131T	\$ 94.66	NC44131A	\$ 94.66
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2 .090R	NC44132	\$ 77.49	NC44132T	\$ 94.66	NC44132A	\$ 94.66
3/4	3/4 x 3/4 x 1-1/2 x 4 .015R	NC44133	\$114.08	NC44133T	\$134.24	NC44133A	\$134.24
3/4	3/4 x 3/4 x 1-1/2 x 4 .020R	NC44134	\$114.08	NC44134T	\$134.24	NC44134A	\$134.24
3/4	3/4 x 3/4 x 1-1/2 x 4 .030R	NC44135	\$114.08	NC44135T	\$134.24	NC44135A	\$134.24
3/4	3/4 x 3/4 x 1-1/2 x 4 .045R	NC44136	\$114.08	NC44136T	\$134.24	NC44136A	\$134.24
3/4	3/4 x 3/4 x 1-1/2 x 4 .060R	NC44138	\$114.08	NC44138T	\$134.24	NC44138A	\$134.24
3/4	3/4 x 3/4 x 1-1/2 x 4 .090R	NC44139	\$114.08	NC44139T	\$134.24	NC44139A	\$134.24
3/4	3/4 x 3/4 x 1-1/2 x 4 .125R	NC44140	\$114.08	NC44140T	\$134.24	NC44140A	\$134.24
1	1 x 1 x 1-1/2 x 4 .015R	NC44141	\$197.82	NC44141T	\$227.54	NC44141A	\$227.54
1	1 x 1 x 1-1/2 x 4 .020R	NC44142	\$197.82	NC44142T	\$227.54	NC44142A	\$227.54
1	1 x 1 x 1-1/2 x 4 .030R	NC44143	\$197.82	NC44143T	\$227.54	NC44143A	\$227.54
1	1 x 1 x 1-1/2 x 4 .045R	NC44144	\$197.82	NC44144T	\$227.54	NC44144A	\$227.54
1	1 x 1 x 1-1/2 x 4 .060R	NC44145	\$197.82	NC44145T	\$227.54	NC44145A	\$227.54
1	1 x 1 x 1-1/2 x 4 .090R	NC44146	\$197.82	NC44146T	\$227.54	NC44146A	\$227.54
1	1 x 1 x 1-1/2 x 4 .125R	NC44147	\$197.82	NC44147T	\$227.54	NC44147A	\$227.54



# CONTOUR360<sup>o</sup>

cutting tool technologies

**Extra Length End Mills**  
**2 Flute, 30 Degree Helix, Center Cutting**  
**Solid Carbide End Mills**

**2 Flute - Square End**

**Effective February 2020**

Dia.	Tool Description	Uncoated		TiCN Coated		AlTiN Coated	
		Tool Number	List Price	Tool Number	List Price	Tool Number	List Price
1/8	1/8 x 1/8 x 5/8 x 2	NC72002	\$ 10.76	NC72002T	\$ 13.18	NC72002A	\$ 13.18
1/8	1/8 x 1/8 x 3/4 x 3	NC72004	\$ 16.59	NC72004T	\$ 19.01	NC72004A	\$ 19.01
1/8	1/8 x 1/8 x 1 x 3	NC72006	\$ 16.59	NC72006T	\$ 19.01	NC72006A	\$ 19.01
3/16	3/16 x 3/16 x 1 x 3	NC72008	\$ 18.27	NC72008T	\$ 21.37	NC72008A	\$ 21.37
3/16	3/16 x 3/16 x 1-1/8 x 3	NC72010	\$ 18.27	NC72010T	\$ 21.37	NC72010A	\$ 21.37
3/16	3/16 x 3/16 x 1 x 4	NC72012	\$ 20.21	NC72012T	\$ 23.31	NC72012A	\$ 23.31
1/4	1/4 x 1/4 x 1 x 3	NC72014	\$ 21.21	NC72014T	\$ 27.41	NC72014A	\$ 27.41
1/4	1/4 x 1/4 x 1 x 4	NC72016	\$ 22.31	NC72016T	\$ 28.61	NC72016A	\$ 28.61
1/4	1/4 x 1/4 x 1-1/2 x 4	NC72018	\$ 22.31	NC72018T	\$ 28.61	NC72018A	\$ 28.61
1/4	1/4 x 1/4 x 1-1/2 x 6	NC72020	\$ 30.24	NC72020T	\$ 36.49	NC72020A	\$ 36.49
5/16	5/16 x 5/16 x 1 x 3	NC72022	\$ 26.15	NC72022T	\$ 35.02	NC72022A	\$ 35.02
5/16	5/16 x 5/16 x 1 x 4	NC72024	\$ 29.19	NC72024T	\$ 38.06	NC72024A	\$ 38.06
5/16	5/16 x 5/16 x 1-5/8 x 4	NC72026	\$ 29.19	NC72026T	\$ 38.06	NC72026A	\$ 38.06
5/16	5/16 x 5/16 x 1-1/2 x 6	NC72028	\$ 43.21	NC72028T	\$ 52.03	NC72028A	\$ 52.03
3/8	3/8 x 3/8 x 1 x 3	NC72030	\$ 29.35	NC72030T	\$ 38.54	NC72030A	\$ 38.54
3/8	3/8 x 3/8 x 1 x 4	NC72032	\$ 33.76	NC72032T	\$ 43.31	NC72032A	\$ 43.31
3/8	3/8 x 3/8 x 2 x 4	NC72034	\$ 33.76	NC72034T	\$ 43.31	NC72034A	\$ 43.31
3/8	3/8 x 3/8 x 1-1/2 x 6	NC72036	\$ 49.14	NC72036T	\$ 58.75	NC72036A	\$ 58.75
3/8	3/8 x 3/8 x 3 x 6	NC72038	\$ 49.14	NC72038T	\$ 58.75	NC72038A	\$ 58.75
7/16	7/16 x 7/16 x 1 x 4	NC72040	\$ 46.41	NC72040T	\$ 58.07	NC72040A	\$ 58.07
7/16	7/16 x 7/16 x 2 x 4	NC72042	\$ 46.41	NC72042T	\$ 58.07	NC72042A	\$ 58.07
7/16	7/16 x 7/16 x 1-1/2 x 6	NC72044	\$ 61.69	NC72044T	\$ 73.40	NC72044A	\$ 73.40
7/16	7/16 x 7/16 x 3 x 6	NC72046	\$ 61.69	NC72046T	\$ 73.40	NC72046A	\$ 73.40
1/2	1/2 x 1/2 x 1 x 4	NC72048	\$ 49.40	NC72048T	\$ 61.22	NC72048A	\$ 61.22
1/2	1/2 x 1/2 x 2 x 4	NC72050	\$ 49.40	NC72050T	\$ 61.22	NC72050A	\$ 61.22
1/2	1/2 x 1/2 x 1-1/2 x 6	NC72052	\$ 71.35	NC72052T	\$ 83.11	NC72052A	\$ 83.11
1/2	1/2 x 1/2 x 3 x 6	NC72054	\$ 71.35	NC72054T	\$ 83.11	NC72054A	\$ 83.11
1/2	1/2 x 1/2 x 4 x 6	NC72056	\$ 81.48	NC72056T	\$ 93.29	NC72056A	\$ 93.29
9/16	9/16 x 9/16 x 2 x 6	NC72058	\$ 93.66	NC72058T	\$ 110.78	NC72058A	\$ 110.78
9/16	9/16 x 9/16 x 3 x 6	NC72060	\$ 97.44	NC72060T	\$ 114.56	NC72060A	\$ 114.56
5/8	5/8 x 5/8 x 2 x 6	NC72064	\$ 101.69	NC72064T	\$ 118.86	NC72064A	\$ 118.86
5/8	5/8 x 5/8 x 3 x 6	NC72066	\$ 101.69	NC72066T	\$ 118.86	NC72066A	\$ 118.86
5/8	5/8 x 5/8 x 4 x 6	NC72067	\$ 111.83	NC72067T	\$ 129.05	NC72067A	\$ 129.05
3/4	3/4 x 3/4 x 2-1/4 x 5	NC72068	\$ 151.83	NC72068T	\$ 171.99	NC72068A	\$ 171.99
3/4	3/4 x 3/4 x 2 x 6	NC72070	\$ 162.02	NC72070T	\$ 182.18	NC72070A	\$ 182.18
3/4	3/4 x 3/4 x 3 x 6	NC72072	\$ 162.02	NC72072T	\$ 182.18	NC72072A	\$ 182.18
3/4	3/4 x 3/4 x 4 x 6-1/2	NC72073	\$ 181.02	NC72073T	\$ 223.34	NC72073A	\$ 223.34
1	1 x 1 x 2-1/4 x 5	NC72074	\$ 271.58	NC72074T	\$ 301.35	NC72074A	\$ 301.35
1	1 x 1 x 2 x 6	NC72076	\$ 275.36	NC72076T	\$ 305.08	NC72076A	\$ 305.08
1	1 x 1 x 3 x 6	NC72078	\$ 275.36	NC72078T	\$ 305.08	NC72078A	\$ 305.08
1	1 x 1 x 4-1/8 x 7	NC72080	\$ 326.81	NC72080T	\$ 378.68	NC72080A	\$ 378.68



# CONTOUR360<sup>0</sup>

cutting tool technologies

Extra Length End Mills  
 4 Flute, 30 Degree Helix, Center Cutting  
 Solid Carbide End Mills

4 Flute - Square End

Effective February 2020

Dia.	Tool Description	Uncoated		TiCN Coated		AlTiN Coated	
		Tool Number	List Price	Tool Number	List Price	Tool Number	List Price
1/8	1/8 x 1/8 x 5/8 x 2	NC74002	\$ 10.76	NC74002T	\$ 13.18	NC74002A	\$ 13.18
1/8	1/8 x 1/8 x 3/4 x 3	NC74004	\$ 16.59	NC74004T	\$ 19.01	NC74004A	\$ 19.01
1/8	1/8 x 1/8 x 1 x 3	NC74006	\$ 16.59	NC74006T	\$ 19.01	NC74006A	\$ 19.01
3/16	3/16 x 3/16 x 1 x 3	NC74008	\$ 18.27	NC74008T	\$ 21.37	NC74008A	\$ 21.37
3/16	3/16 x 3/16 x 1-1/8 x 3	NC74010	\$ 18.27	NC74010T	\$ 21.37	NC74010A	\$ 21.37
3/16	3/16 x 3/16 x 1 x 4	NC74012	\$ 20.21	NC74012T	\$ 23.31	NC74012A	\$ 23.31
1/4	1/4 x 1/4 x 1 x 3	NC74014	\$ 21.21	NC74014T	\$ 27.41	NC74014A	\$ 27.41
1/4	1/4 x 1/4 x 1 x 4	NC74016	\$ 22.31	NC74016T	\$ 28.61	NC74016A	\$ 28.61
1/4	1/4 x 1/4 x 1-1/2 x 4	NC74018	\$ 22.31	NC74018T	\$ 28.61	NC74018A	\$ 28.61
1/4	1/4 x 1/4 x 1-1/2 x 6	NC74020	\$ 30.24	NC74020T	\$ 36.49	NC74020A	\$ 36.49
5/16	5/16 x 5/16 x 1 x 3	NC74022	\$ 26.15	NC74022T	\$ 35.02	NC74022A	\$ 35.02
5/16	5/16 x 5/16 x 1 x 4	NC74024	\$ 29.19	NC74024T	\$ 38.06	NC74024A	\$ 38.06
5/16	5/16 x 5/16 x 1-5/8 x 4	NC74026	\$ 29.19	NC74026T	\$ 38.06	NC74026A	\$ 38.06
5/16	5/16 x 5/16 x 1-1/2 x 6	NC74028	\$ 43.21	NC74028T	\$ 52.03	NC74028A	\$ 52.03
3/8	3/8 x 3/8 x 1 x 3	NC74030	\$ 29.35	NC74030T	\$ 38.54	NC74030A	\$ 38.54
3/8	3/8 x 3/8 x 1 x 4	NC74032	\$ 33.76	NC74032T	\$ 43.31	NC74032A	\$ 43.31
3/8	3/8 x 3/8 x 2 x 4	NC74034	\$ 33.76	NC74034T	\$ 43.31	NC74034A	\$ 43.31
3/8	3/8 x 3/8 x 1-1/2 x 6	NC74036	\$ 49.14	NC74036T	\$ 58.75	NC74036A	\$ 58.75
3/8	3/8 x 3/8 x 3 x 6	NC74038	\$ 49.14	NC74038T	\$ 58.75	NC74038A	\$ 58.75
7/16	7/16 x 7/16 x 1 x 4	NC74040	\$ 46.41	NC74040T	\$ 58.07	NC74040A	\$ 58.07
7/16	7/16 x 7/16 x 2 x 4	NC74042	\$ 46.41	NC74042T	\$ 58.07	NC74042A	\$ 58.07
7/16	7/16 x 7/16 x 1-1/2 x 6	NC74044	\$ 61.69	NC74044T	\$ 73.40	NC74044A	\$ 73.40
7/16	7/16 x 7/16 x 3 x 6	NC74046	\$ 61.69	NC74046T	\$ 73.40	NC74046A	\$ 73.40
1/2	1/2 x 1/2 x 1 x 4	NC74048	\$ 49.40	NC74048T	\$ 61.22	NC74048A	\$ 61.22
1/2	1/2 x 1/2 x 2 x 4	NC74050	\$ 49.40	NC74050T	\$ 61.22	NC74050A	\$ 61.22
1/2	1/2 x 1/2 x 1-1/2 x 6	NC74052	\$ 71.35	NC74052T	\$ 83.11	NC74052A	\$ 83.11
1/2	1/2 x 1/2 x 3 x 6	NC74054	\$ 71.35	NC74054T	\$ 83.11	NC74054A	\$ 83.11
1/2	1/2 x 1/2 x 4 x 6	NC74056	\$ 81.48	NC74056T	\$ 93.29	NC74056A	\$ 93.29
9/16	9/16 x 9/16 x 2 x 6	NC74058	\$ 93.66	NC74058T	\$ 110.78	NC74058A	\$ 110.78
9/16	9/16 x 9/16 x 3 x 6	NC74060	\$ 97.44	NC74060T	\$ 114.56	NC74060A	\$ 114.56
5/8	5/8 x 5/8 x 2 x 6	NC74064	\$101.69	NC74064T	\$ 118.86	NC74064A	\$ 118.86
5/8	5/8 x 5/8 x 3 x 6	NC74066	\$101.69	NC74066T	\$ 118.86	NC74066A	\$ 118.86
5/8	5/8 x 5/8 x 4 x 6	NC74067	\$111.83	NC74067T	\$ 129.05	NC74067A	\$ 129.05
3/4	3/4 x 3/4 x 2-1/4 x 5	NC74068	\$151.83	NC74068T	\$ 171.99	NC74068A	\$ 171.99
3/4	3/4 x 3/4 x 2 x 6	NC74070	\$162.02	NC74070T	\$ 182.18	NC74070A	\$ 182.18
3/4	3/4 x 3/4 x 3 x 6	NC74072	\$162.02	NC74072T	\$ 182.18	NC74072A	\$ 182.18
3/4	3/4 x 3/4 x 4 x 6-1/2	NC74073	\$181.02	NC74073T	\$ 223.34	NC74073A	\$ 223.34
1	1 x 1 x 2-1/4 x 5	NC74074	\$271.58	NC74074T	\$ 301.35	NC74074A	\$ 301.35
1	1 x 1 x 2 x 6	NC74076	\$275.36	NC74076T	\$ 305.08	NC74076A	\$ 305.08
1	1 x 1 x 3 x 6	NC74078	\$275.36	NC74078T	\$ 305.08	NC74078A	\$ 305.08
1	1 x 1 x 4-1/8 x 7	NC74080	\$326.81	NC74080T	\$ 378.68	NC74080A	\$ 378.68

# CONTOUR360<sup>0</sup>

cutting tool technologies

## Roughing End Mills

4 Flute, 30 Degree Helix, Center Cutting

Solid Carbide End Mills

### 4 Flute - Roughing

Effective February 2020

<u>Dia.</u>	<u>Tool Description</u>	<u>Uncoated</u>		<u>AlTiN Coated</u>	
		<u>Tool Number</u>	<u>List Price</u>	<u>Tool Number</u>	<u>List Price</u>
1/4	1/4 x 1/4 x 3/4 x 2-1/2	NCR4016	\$ 26.46	NCR4016A	\$ 30.77
5/16	5/16 x 5/16 x 13/16 x 2-1/2	NCR4020	\$ 35.28	NCR4020A	\$ 40.64
3/8	3/8 x 3/8 x 7/8 x 2-1/2	NCR4024	\$ 43.79	NCR4024A	\$ 50.61
7/16	7/16 x 7/16 x 1 x 2-3/4	NCR4028	\$ 58.59	NCR4028A	\$ 66.89
1/2	1/2 x 1/2 x 1 x 3	NCR4032	\$ 72.82	NCR4032A	\$ 82.06
5/8	5/8 x 5/8 x 1-1/4 x 3-1/2	NCR4034	\$139.39	NCR4034A	\$154.09
3/4	3/4 x 3/4 x 1-1/2 x 4	NCR4036	\$192.41	NCR4036A	\$212.31
1	1 x 1 x 2 x 4	NCR4040	\$325.97	NCR4040A	\$357.84



# CONTOUR360<sup>0</sup>

cutting tool technologies

Effective January 2019

**Solid Carbide, Chucking Reamers**

**Series 250, 260, 270**

**Decimal Sizes**

**Effective February 2020**

**Special Pricing Available For Qty 100+**

---



# CONTOUR360<sup>o</sup>

cutting tool technologies

Effective January 2019

**Solid Carbide, Long Chucking Reamers**

**Series 450, 460, 470**

**Decimal Sizes**



**Effective February 2020**

Diameter Range	Qty 1	Qty 2	Qty 3-5	Qty 6-11	Qty 12-17	Qty 18-23	Qty 24+
.0501-.0570	\$ 123.88	\$ 82.29	\$ 68.57	\$ 54.80	\$ 47.86	\$ 45.60	\$ 44.58
.0571-.0650	\$ 116.99	\$ 77.71	\$ 64.67	\$ 51.64	\$ 45.03	\$ 42.95	\$ 41.99
.0651-.0800	\$ 113.33	\$ 75.35	\$ 62.71	\$ 50.17	\$ 43.74	\$ 41.76	\$ 40.80
.0801-.0950	\$ 110.11	\$ 73.26	\$ 60.95	\$ 48.65	\$ 42.49	\$ 40.38	\$ 39.68
.0951-.1150	\$ 109.32	\$ 72.64	\$ 60.45	\$ 48.26	\$ 42.09	\$ 40.13	\$ 39.17
.1151-.1300	\$ 106.67	\$ 70.83	\$ 58.97	\$ 47.01	\$ 41.02	\$ 39.05	\$ 38.21
.1301-.1450	\$ 118.91	\$ 83.13	\$ 71.16	\$ 59.20	\$ 53.21	\$ 51.30	\$ 50.04
.1451-.1600	\$ 116.32	\$ 80.37	\$ 68.46	\$ 56.61	\$ 50.57	\$ 48.59	\$ 47.69
.1601-.1750	\$ 124.67	\$ 88.78	\$ 76.92	\$ 65.02	\$ 59.03	\$ 57.11	\$ 56.09
.1751-.1950	\$ 125.18	\$ 89.51	\$ 77.60	\$ 65.69	\$ 59.65	\$ 57.68	\$ 56.66
.1951-.2100	\$ 119.58	\$ 83.81	\$ 71.84	\$ 59.93	\$ 54.01	\$ 51.98	\$ 50.90
.2101-.2250	\$ 123.09	\$ 87.31	\$ 75.40	\$ 63.55	\$ 57.51	\$ 55.53	\$ 54.57
.2251-.2400	\$ 127.43	\$ 90.42	\$ 78.06	\$ 65.86	\$ 59.60	\$ 57.62	\$ 56.66
.2401-.2550	\$ 131.27	\$ 93.18	\$ 80.42	\$ 67.78	\$ 61.34	\$ 59.26	\$ 58.30
.2551-.2750	\$ 133.58	\$ 97.81	\$ 85.89	\$ 73.93	\$ 68.06	\$ 66.02	\$ 65.02
.2751-.2950	\$ 135.28	\$ 98.98	\$ 86.96	\$ 74.89	\$ 68.90	\$ 66.93	\$ 65.92
.2951-.3150	\$ 136.91	\$ 100.29	\$ 88.15	\$ 75.74	\$ 69.75	\$ 67.78	\$ 66.82
.3151-.3350	\$ 138.56	\$ 102.83	\$ 90.80	\$ 78.90	\$ 72.96	\$ 70.94	\$ 69.98
.3351-.3550	\$ 145.55	\$ 109.77	\$ 97.80	\$ 85.89	\$ 79.97	\$ 77.93	\$ 76.92
.3551-.3800	\$ 153.78	\$ 118.13	\$ 106.21	\$ 94.25	\$ 88.26	\$ 86.29	\$ 85.27
.3801-.4100	\$ 164.12	\$ 128.45	\$ 116.54	\$ 104.63	\$ 98.60	\$ 96.62	\$ 95.66
.4101-.4400	\$ 170.95	\$ 135.11	\$ 123.26	\$ 111.29	\$ 105.37	\$ 103.39	\$ 102.31
.4401-.4700	\$ 187.04	\$ 151.19	\$ 139.28	\$ 127.43	\$ 121.51	\$ 119.47	\$ 118.46
.4701-.5050	\$ 191.60	\$ 155.88	\$ 143.91	\$ 132.06	\$ 126.02	\$ 124.10	\$ 123.03
.5051-.5400	\$ 209.43	\$ 173.66	\$ 161.69	\$ 149.78	\$ 143.85	\$ 141.82	\$ 140.82
.5401-.5800	\$ 232.19	\$ 196.46	\$ 184.55	\$ 172.69	\$ 166.71	\$ 164.68	\$ 163.72
.5801-.6200	\$ 243.61	\$ 207.97	\$ 196.06	\$ 184.15	\$ 178.11	\$ 176.14	\$ 175.12
.6201-.6600	\$ 264.53	\$ 228.68	\$ 216.77	\$ 204.81	\$ 198.83	\$ 196.91	\$ 196.00
.6601-.7050	\$ 265.70	\$ 229.81	\$ 218.01	\$ 206.05	\$ 200.07	\$ 197.98	\$ 197.13
.7051-.7550	\$ 295.62	\$ 259.95	\$ 248.04	\$ 236.13	\$ 230.15	\$ 228.18	\$ 227.10
.7551-.7950	\$ 312.84	\$ 275.02	\$ 262.49	\$ 249.85	\$ 243.41	\$ 241.44	\$ 239.19
.7951-.8450	\$ 324.96	\$ 285.57	\$ 272.42	\$ 259.38	\$ 252.72	\$ 250.69	\$ 249.45
.8451-.9000	\$ 359.33	\$ 315.87	\$ 301.43	\$ 286.99	\$ 279.53	\$ 277.27	\$ 275.92
.9001-.9600	\$ 386.82	\$ 340.03	\$ 324.45	\$ 308.88	\$ 299.82	\$ 298.49	\$ 297.02
.9601-1.025	\$ 428.19	\$ 376.38	\$ 359.11	\$ 341.90	\$ 333.03	\$ 330.45	\$ 328.80

# CONTOUR360<sup>0</sup>

cutting tool technologies

Effective January 2019

**Solid Carbide, Screw Machine Reamers**

**Series 350, 360, 370**

**Decimal Sizes**



**Effective February 2020**

Diameter	Qty	Qty	Qty	Qty	Qty	Qty	Qty
Range	1	2	3-5	6-11	12-17	18-23	24+
.0600-.0700	\$ 141.04	\$ 105.25	\$ 93.35	\$ 81.44	\$ 75.40	\$ 73.42	\$ 72.46
.0701-.0950	\$ 131.33	\$ 95.67	\$ 83.70	\$ 71.67	\$ 65.86	\$ 63.76	\$ 62.81
.0951-.1150	\$ 150.74	\$ 115.02	\$ 102.99	\$ 91.09	\$ 85.22	\$ 83.18	\$ 82.23
.1151-.1300	\$ 133.64	\$ 97.86	\$ 85.95	\$ 73.98	\$ 68.18	\$ 66.09	\$ 65.07
.1301-.1600	\$ 132.34	\$ 96.62	\$ 84.65	\$ 72.80	\$ 66.87	\$ 64.73	\$ 63.77
.1601-.1900	\$ 141.94	\$ 106.27	\$ 94.30	\$ 82.39	\$ 76.47	\$ 74.38	\$ 73.42
.1901-.2200	\$ 153.46	\$ 117.78	\$ 105.70	\$ 93.80	\$ 87.93	\$ 85.84	\$ 84.88
.2201-.2550	\$ 157.07	\$ 121.22	\$ 109.37	\$ 97.46	\$ 91.42	\$ 89.50	\$ 88.38
.2551-.2850	\$ 173.21	\$ 137.31	\$ 125.40	\$ 113.49	\$ 107.56	\$ 105.54	\$ 104.57
.2851-.3200	\$ 163.78	\$ 128.06	\$ 115.97	\$ 104.07	\$ 98.26	\$ 96.17	\$ 95.20
.3201-.3800	\$ 190.08	\$ 154.41	\$ 142.44	\$ 130.42	\$ 124.50	\$ 122.52	\$ 121.56
.3801-.4100	\$ 198.94	\$ 163.21	\$ 151.19	\$ 139.28	\$ 133.41	\$ 131.32	\$ 130.37
.4101-.4400	\$ 223.43	\$ 187.66	\$ 175.69	\$ 163.78	\$ 157.79	\$ 155.82	\$ 154.86
.4401-5100	\$ 235.45	\$ 199.62	\$ 187.71	\$ 175.85	\$ 169.87	\$ 167.84	\$ 163.83





Effective January 2019

**Solid Carbide, Chucking Reamers  
5250 Series**

**Includes Number, Letter, Fractional, Metric, and Decimal Sizes  
(also, Over/Under Sizes)**

**Effective February 2020**

<u>Order Number</u>	<u>List Price</u>
5250-0400 thru -0830	\$ 31.49
5250-0840 thru -1290	\$ 37.02
5250-1300 thru -1450	\$ 42.21
5250-1460 thru -1590	\$ 43.68
5250-1600 thru -1760	\$ 49.05
5250-1770 thru -1910	\$ 50.84
5250-1920 thru -2060	\$ 54.57
5250-2070 thru -2260	\$ 57.23
5250-2270 thru -2620	\$ 61.46
5250-2630 thru -2710	\$ 78.90
5250-2720 thru -2910	\$ 85.79
5250-2920 thru -3230	\$ 90.41
5250-3240 thru -3390	\$ 105.82
5250-3400 thru -3543	\$ 108.63
5250-3550 thru -3670	\$ 116.42
5250-3680 thru -3800	\$ 117.95
5250-3810 thru -4040	\$ 121.84
5250-4050 thru -4200	\$ 132.34
5250-4210 thru -4365	\$ 137.64
5250-4370 thru -4500	\$ 148.03
5250-4510 thru -4660	\$ 158.41
5250-4670 thru -4820	\$ 169.37
5250-4830 thru -5020	\$ 174.67