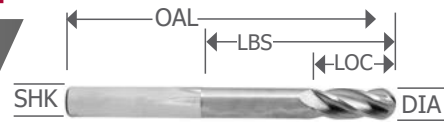


4 FLUTE • BALL NOSE END MILLS



Carbide				+0.0005 -0.0005 <1/8	+0.0000 -0.0020 ≥1/8						HRC <48	
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SERIES: CCMG-__-B

DIA	SHK	LOC	LBS	OAL	LENGTH	TOOL	BRIGHT EDP	ALTiN EDP
1/64	1/8	3/64		1-1/2	std	CCMG-400-1/2-B	13488	53488
1/32	1/8	1/16		1-1/2	stub	CCMGS-401-B	16239	56239
1/32	1/8	3/32		1-1/2	std	CCMG-401-B	15928	55928
1/32	1/8	0.150		2-1/2	long	CCMG-401-LF-B	12395	52395
3/64	1/8	3/32		1-1/2	stub	CCMGS-401-1/2-B	16240	56240
3/64	1/8	1/8		1-1/2	std	CCMG-401-1/2-B	15929	55929
3/64	1/8	1/4		2-1/2	long	CCMG-401-1/2-LF-B	12398	52398
1/16	1/8	1/8		1-1/2	stub	CCMGS-402-B	16241	56241
1/16	1/8	3/16		1-1/2	std	CCMG-402-B	15930	55930
1/16	1/8	1/4		1-1/2	med	CCMG-402-MB	11205	51205
1/16	1/8	3/8		1-1/2	long	CCMG-402-LB	19528	59528
1/16	1/8	1/2		2-1/2	long	CCMG-402-LF-B	12401	52401
5/64	1/8	3/16		1-1/2	std	CCMG-402-1/2-B	15931	55931
5/64	1/8	1/2		2-1/2	long	CCMG-402-1/2-LF-B	13023	53023
3/32	1/8	3/16		1-1/2	stub	CCMGS-403-B	16242	56242
3/32	1/8	3/8		1-1/2	std	CCMG-403-B	15932	55932
3/32	1/8	1/2		2	med	CCMG-403-MB	19529	59529
3/32	1/8	0.600		2-1/2	long	CCMG-403-LF-B	12595	52595
7/64	1/8	7/32		1-1/2	stub	CCMGS-403-1/2-B	13985	53985
7/64	1/8	3/8		1-1/2	std	CCMG-403-1/2-B	15933	55933
1/8	1/8	1/4		1-1/2	stub	CCMGS-404-B	16243	56243
1/8	1/8	1/2		1-1/2	std	CCMG-404-B	14176	54176
1/8	1/8	5/8	1	2	ext neck	CCMGN-404-B	16767	56767
1/8	1/8	3/4		2-1/4	med	CCMG-404-MB	10997	50997
1/8	1/8	3/4		3	long	CCMG-404-LB	16188	56188
1/8	1/8	1		3	xl	CCMG-404-EB	16254	56254
9/64	3/16	9/32		1-1/2	stub	CCMGS-604-1/2-B	10970	50970
9/64	3/16	9/16		2	std	CCMG-604-1/2-B	16204	56204
5/32	3/16	5/16		1-1/2	stub	CCMGS-605-B	16244	56244
5/32	3/16	9/16		2	std	CCMG-605-B	15852	55852
11/64	3/16	9/16		2	std	CCMG-605-1/2-B	16205	56205
3/16	3/16	3/8		1-1/2	stub	CCMGS-606-B	16245	56245
3/16	3/16	5/8		2	std	CCMG-606-B	14178	54178
3/16	3/16	3/4		2-1/2	med	CCMG-606-MB	19556	59556
3/16	3/16	1	1-5/8	3	ext neck	CCMGN-606-B	16768	56768
3/16	3/16	3/4		3	long	CCMG-606-LB	16189	56189
3/16	3/16	1	2-5/8	4	ext neck	CCMGN-606-2B	16769	56769
3/16	3/16	1-1/8		3	xl	CCMG-606-EB	16255	56255
13/64	1/4	5/8		2-1/2	std	CCMG-806-1/2-B	16206	56206
7/32	1/4	1/2		2	stub	CCMGS-807-B	16246	56246
7/32	1/4	5/8		2-1/2	std	CCMG-807-B	15934	55934
15/64	1/4	3/4		2-1/2	std	CCMG-807-1/2-B	16207	56207
1/4	1/4	1/2		2	stub	CCMGS-808-B	16247	56247
1/4	1/4	3/4		2-1/2	std	CCMG-808-B	14180	54180
1/4	1/4	1	2-1/4	4	ext neck	CCMGN-808-B	16770	56770
1/4	1/4	1-1/8		3	long	CCMG-808-LB	16190	56190
1/4	1/4	1-1/2		4	xl	CCMG-808-EB	16256	56256
1/4	1/4	1-1/2	4-1/4	6	ext neck	CCMGN-808-2B	16771	56771
17/64	5/16	3/4		2-1/2	std	CCMG-1008-1/2-B	16208	56208

sizes continued on next page

GENERAL PURPOSE CARBIDE END MILL

4 FLUTE • BALL NOSE END MILLS

SERIES: CCMG-__-B

DIA	SHK	LOC	LBS	OAL	LENGTH	TOOL	BRIGHT EDP	ALTIN EDP
9/32	5/16	3/4		2-1/2	std	CCMG-1009-B	15935	55935
19/64	5/16	13/16		2-1/2	std	CCMG-1009-1/2-B	16209	56209
5/16	5/16	1/2		2	stub	CCMGS-1010-B	16248	56248
5/16	5/16	13/16		2-1/2	std	CCMG-1010-B	14182	54182
5/16	5/16	1	2-5/16	4	ext neck	CCMGN-1010-B	16772	56772
5/16	5/16	1-1/8		3	long	CCMG-1010-LB	16191	56191
5/16	5/16	1-1/2	4-5/16	6	ext neck	CCMGN-1010-2B	16773	56773
5/16	5/16	1-5/8		4	xl	CCMG-1010-EB	16257	56257
21/64	3/8	7/8		2-1/2	std	CCMG-1210-1/2-B	16210	56210
11/32	3/8	7/8		2-1/2	std	CCMG-1211-B	16211	56211
23/64	3/8	7/8		2-1/2	std	CCMG-1211-1/2-B	16212	56212
3/8	3/8	5/8		2	stub	CCMGS-1212-B	16249	56249
3/8	3/8	1		2-1/2	std	CCMG-1212-B	14184	54184
3/8	3/8	1	2-3/8	4	ext neck	CCMGN-1212-B	16774	56774
3/8	3/8	1-1/8		3	long	CCMG-1212-LB	16192	56192
3/8	3/8	1-1/2	4-3/8	6	ext neck	CCMGN-1212-2B	16775	56775
3/8	3/8	1-3/4		4	xl	CCMG-1212-EB	16258	56258
25/64	7/16	1		2-3/4	std	CCMG-1412-1/2-B	16213	56213
13/32	7/16	1		2-3/4	std	CCMG-1413-B	16214	56214
27/64	7/16	1		2-3/4	std	CCMG-1413-1/2-B	16215	56215
7/16	7/16	5/8		2-1/2	stub	CCMGS-1414-B	16250	56250
7/16	7/16	1		2-3/4	std	CCMG-1414-B	15936	55936
7/16	7/16	1	2-1/4	4	ext neck	CCMGN-1414-B	16776	56776
7/16	7/16	1-1/2	4-1/4	6	ext neck	CCMGN-1414-2B	16777	56777
7/16	7/16	2		4	long	CCMG-1414-LB	16193	56193
7/16	7/16	3		6	xl	CCMG-1414-EB	16259	56259
29/64	1/2	1		3	std	CCMG-1614-1/2-B	16216	56216
15/32	1/2	1		3	std	CCMG-1615-B	16217	56217
31/64	1/2	1		3	std	CCMG-1615-1/2-B	16218	56218
1/2	1/2	5/8		2-1/2	stub	CCMGS-1616-B	16251	56251
1/2	1/2	1		3	std	CCMG-1616-B	14186	54186
1/2	1/2	1	2	4	ext neck	CCMGN-1616-B	16778	56778
1/2	1/2	1-1/2		4	med	CCMG-1616-MB	11078	51078
1/2	1/2	1-1/2	4	6	ext neck	CCMGN-1616-2B	16779	56779
1/2	1/2	2		4	long	CCMG-1616-LB	16194	56194
1/2	1/2	3		6	xl	CCMG-1616-EB	16260	56260
9/16	9/16	1-1/4		3-1/2	std	CCMG-1818-B	16219	56219
9/16	9/16	2	3-3/4	6	ext neck	CCMGN-1818-B	16780	56780
5/8	5/8	3/4		3	stub	CCMGS-2020-B	16252	56252
5/8	5/8	1-1/4		3-1/2	std	CCMG-2020-B	16220	56220
5/8	5/8	2	3-3/4	6	ext neck	CCMGN-2020-B	16782	56782
5/8	5/8	2-1/4		5	long	CCMG-2020-LB	16195	56195
5/8	5/8	3		6	xl	CCMG-2020-EB	16261	56261
11/16	3/4	1-3/8		4	std	CCMG-2422-B	19576	59576
3/4	3/4	1		3	stub	CCMGS-2424-B	16253	56253
3/4	3/4	1-1/2		4	std	CCMG-2424-B	16221	56221
3/4	3/4	2	3-1/2	6	ext neck	CCMGN-2424-B	16783	56783
3/4	3/4	2-1/4		5	long	CCMG-2424-LB	16196	56196
3/4	3/4	3		6	xl	CCMG-2424-EB	16262	56262
7/8	7/8	1-1/2		4	std	CCMG-2828-B	16222	56222
1	1	1-1/2		4	std	CCMG-3232-B	16223	56223
1	1	2	3-1/2	6	ext neck	CCMGN-3232-B	16784	56784
1	1	2-1/4		5	long	CCMG-3232-LB	12093	52093
1	1	3		6	xl	CCMG-3232-EB	16263	56263