

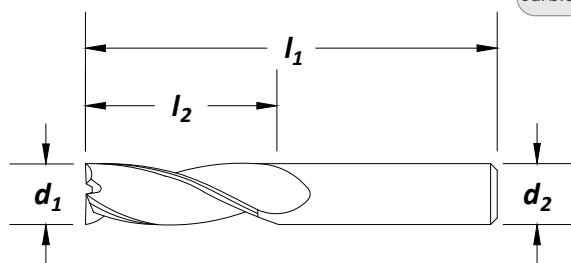


Style: **CEM-AM3**

Aluminum Materials



Surface Treatment



cutting diameter d₁		shank diameter d₂	length of cut l₂ (in)	overall length l₁ (in)	no. of flutes	corner radius	order number CEM-AM3	
fractional	decimal						bright	ZrN
1/8	.1250	1/8	1/4	1-1/2	3	.000	C60616	C72340
1/8	.1250	1/8	3/8	1-1/2	3	.000	C60617	C72341
1/8	.1250	1/8	3/8	1-1/2	3	.015	C72375	C84150
3/16	.1875	3/16	5/16	2	3	.000	C60618	C72342
3/16	.1875	3/16	9/16	2	3	.000	C60619	C72343
3/16	.1875	3/16	9/16	2	3	.015	C72376	C84151
1/4	.2500	1/4	3/8	2	3	.000	C60620	C72344
1/4	.2500	1/4	3/8	2	3	.015	C72377	C84152
1/4	.2500	1/4	3/8	2	3	.030	C72378	C84153
1/4	.2500	1/4	3/4	2-1/2	3	.000	C60621	C72345
1/4	.2500	1/4	3/4	2-1/2	3	.015	C72379	C84154
1/4	.2500	1/4	3/4	2-1/2	3	.030	C72380	C84155
1/4	.2500	1/4	1-1/4	3	3	.000	C60622	C72346
1/4	.2500	1/4	1-1/4	3	3	.015	C72381	C84156
1/4	.2500	1/4	1-1/4	3	3	.030	C72382	C84157
5/16	.3125	5/16	7/16	2	3	.000	C60623	C72347
5/16	.3125	5/16	5/8	2-1/2	3	.000	C60624	C72348
5/16	.3125	5/16	1-1/4	3-3/4	3	.000	C60625	C72349
5/16	.3125	5/16	1-1/4	3-3/4	3	.015	C72383	C84158
5/16	.3125	5/16	1-1/4	3-3/4	3	.030	C72384	C84159
5/16	.3125	5/16	2-1/8	4	3	.000	C60626	C72350
3/8	.3750	3/8	1/2	2	3	.000	C60627	C72351
3/8	.3750	3/8	1/2	2	3	.015	C72385	C84160
3/8	.3750	3/8	1	2-1/2	3	.000	C60628	C72352
3/8	.3750	3/8	1	2-1/2	3	.015	C72386	C84161
3/8	.3750	3/8	1	2-1/2	3	.030	C72387	C84162
3/8	.3750	3/8	1	2-1/2	3	.060	C72388	C84163
3/8	.3750	3/8	1-1/2	3-1/2	3	.000	C60629	C72353
3/8	.3750	3/8	1-1/2	3-1/2	3	.015	C72389	C84164
3/8	.3750	3/8	1-1/2	3-1/2	3	.030	C72390	C84165
3/8	.3750	3/8	1-1/2	3-1/2	3	.060	C72391	C84166
3/8	.3750	3/8	2-1/2	6	3	.000	C60630	C72354
7/16	.4375	7/16	9/16	2-1/2	3	.000	C60631	C72355
7/16	.4375	7/16	9/16	2-1/2	3	.015	C72392	C84167
7/16	.4375	7/16	9/16	2-1/2	3	.030	C72393	C84168
7/16	.4375	7/16	9/16	2-1/2	3	.060	C72394	C84169
7/16	.4375	7/16	1	2-1/2	3	.000	C60632	C72356
7/16	.4375	7/16	2	4	3	.000	C60633	C72357

continued on next page

Material Reference	Steel (HRC)		Stainless Steel			Cast Iron (HRC)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRC)
	Low Carbon	Alloy	Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series				
Bright									★		
ZrN									☆		

★ = Best Performance ☆ = Acceptable





cutting diameter		shank diameter d ₂	length of cut l ₂ (in)	overall length l ₁ (in)	no. of flutes	corner radius	order number	
d ₁ fractional	d ₁ decimal						CEM-AM3	
						bright	ZrN	
1/2	.5000	1/2	5/8	2-1/2	3	.000	C60634	C72358
1/2	.5000	1/2	5/8	2-1/2	3	.060	C72395	C84170
1/2	.5000	1/2	1-1/4	3	3	.000	C60635	C72359
1/2	.5000	1/2	1-1/4	3	3	.015	C72396	C84171
1/2	.5000	1/2	1-1/4	3	3	.030	C72397	C84172
1/2	.5000	1/2	1-1/4	3	3	.060	C72398	C84173
1/2	.5000	1/2	1-1/4	3	3	.125	C72399	C84174
1/2	.5000	1/2	2	4	3	.000	C60636	C72360
1/2	.5000	1/2	2	4	3	.015	C72400	C84175
1/2	.5000	1/2	2	4	3	.030	C72401	C84176
1/2	.5000	1/2	2	4	3	.060	C72402	C84177
1/2	.5000	1/2	2	4	3	.125	C72403	C84178
1/2	.5000	1/2	2-1/2	4	3	.000	C72404	C84179
1/2	.5000	1/2	2-1/2	4	3	.015	C72405	C84180
1/2	.5000	1/2	2-1/2	4	3	.030	C72406	C84181
1/2	.5000	1/2	2-1/2	4	3	.060	C72407	C84182
1/2	.5000	1/2	2-1/2	4	3	.125	C72408	C84183
1/2	.5000	1/2	3-1/8	6	3	.000	C60637	C72361
1/2	.5000	1/2	3-1/8	6	3	.030	C72409	C84184
5/8	.6250	5/8	3/4	3	3	.000	C60638	C72362
5/8	.6250	5/8	3/4	3	3	.030	C72410	C84185
5/8	.6250	5/8	1-5/8	4	3	.000	C60639	C72363
5/8	.6250	5/8	1-5/8	4	3	.030	C72411	C84186
5/8	.6250	5/8	1-5/8	4	3	.125	C72412	C84187
5/8	.6250	5/8	2-1/2	5	3	.000	C60640	C72364
5/8	.6250	5/8	2-1/2	5	3	.030	C72413	C84188
5/8	.6250	5/8	2-1/2	5	3	.125	C72414	C84189
5/8	.6250	5/8	3-3/4	6	3	.000	C60641	C72365
5/8	.6250	5/8	3-3/4	6	3	.030	C72415	C84190
3/4	.7500	3/4	1	3	3	.000	C60642	C72366
3/4	.7500	3/4	1	3	3	.030	C72416	C84191
3/4	.7500	3/4	1	3	3	.060	C72417	C84192
3/4	.7500	3/4	1	3	3	.125	C72418	C84193
3/4	.7500	3/4	1-5/8	4	3	.000	C60643	C72367
3/4	.7500	3/4	1-5/8	4	3	.030	C72419	C84194
3/4	.7500	3/4	1-5/8	4	3	.060	C72420	C84195
3/4	.7500	3/4	1-5/8	4	3	.125	C72421	C84196
3/4	.7500	3/4	2-1/2	5	3	.000	C72422	C84197
3/4	.7500	3/4	2-1/2	5	3	.030	C72423	C84198
3/4	.7500	3/4	2-1/2	5	3	.060	C72424	C84199
3/4	.7500	3/4	2-1/2	5	3	.125	C72425	C84200
3/4	.7500	3/4	3-1/4	6	3	.000	C60644	C72368
3/4	.7500	3/4	3-1/4	6	3	.030	C72426	C84201
3/4	.7500	3/4	3-1/4	6	3	.125	C72427	C84202
1	1.0000	1	1-1/2	4	3	.000	C60645	C72369
1	1.0000	1	1-1/2	4	3	.030	C72428	C84203
1	1.0000	1	2	5	3	.000	C60646	C72370
1	1.0000	1	2	5	3	.030	C72429	C84204
1	1.0000	1	2-1/2	5	3	.000	C72430	C84205
1	1.0000	1	2-1/2	5	3	.030	C72431	C84206
1	1.0000	1	3-1/2	6	3	.000	C60647	C72371
1	1.0000	1	3-1/2	6	3	.030	C72432	C84207

Carbide

Center Cutting

Material Reference	Steel (HRc)				Stainless Steel			Cast Iron (HRc)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRc)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32			>45
Bright										◆			
ZrN										☆			

☆ = Best Performance ◆ = Acceptable

