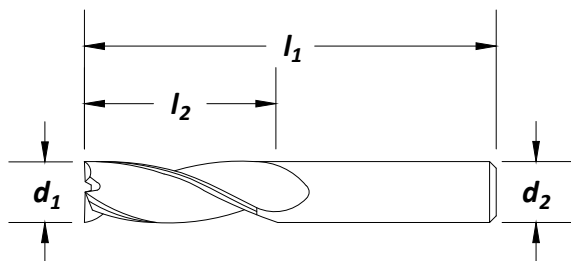




Surface Treatment



cutting diameter		shank diameter	length of cut	overall length	no. of flutes	order number	
d_1	d_2	l_2 (in)	l_1 (in)	CEM-AM3			
fractional	decimal					bright	ZrN
1/8	.1250	1/8	1/4	1-1/2	3	C60616	C72340
1/8	.1250	1/8	3/8	1-1/2	3	C60617	C72341
3/16	.1875	3/16	5/16	2	3	C60618	C72342
3/16	.1875	3/16	9/16	2	3	C60619	C72343
1/4	.2500	1/4	3/8	2	3	C60620	C72344
1/4	.2500	1/4	3/4	2-1/2	3	C60621	C72345
1/4	.2500	1/4	1-1/4	3	3	C60622	C72346
5/16	.3125	5/16	7/16	2	3	C60623	C72347
5/16	.3125	5/16	5/8	2-1/2	3	C60624	C72348
5/16	.3125	5/16	1-1/4	3-1/2	3	C60625	C72349
5/16	.3125	5/16	2-1/8	4	3	C60626	C72350
3/8	.3750	3/8	1/2	2	3	C60627	C72351
3/8	.3750	3/8	1	2-1/2	3	C60628	C72352
3/8	.3750	3/8	1-1/2	3-1/2	3	C60629	C72353
3/8	.3750	3/8	2-1/2	6	3	C60630	C72354
7/16	.4375	7/16	9/16	2-1/2	3	C60631	C72355
7/16	.4375	7/16	1-1/4	2-1/2	3	C60632	C72356
7/16	.4375	7/16	2	4	3	C60633	C72357
1/2	.5000	1/2	5/8	2-1/2	3	C60634	C72358
1/2	.5000	1/2	1-1/4	3	3	C60635	C72359
1/2	.5000	1/2	2	4	3	C60636	C72360
1/2	.5000	1/2	3-1/8	6	3	C60637	C72361
5/8	.6250	5/8	3/4	3	3	C60638	C72362
5/8	.6250	5/8	1-5/8	4	3	C60639	C72363
5/8	.6250	5/8	2-1/2	5	3	C60640	C72364
5/8	.6250	5/8	3-3/4	6	3	C60641	C72365
3/4	.7500	3/4	1	3	3	C60642	C72366
3/4	.7500	3/4	1-5/8	4	3	C60643	C72367
3/4	.7500	3/4	3-1/4	6	3	C60644	C72368
1	1.0000	1	1-1/2	4	3	C60645	C72369
1	1.0000	1	2	5	3	C60646	C72370
1	1.0000	1	3-1/2	6	3	C60647	C72371

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				>45
Bright								☆			
ZrN								☆			

☆ = Best Performance ◆ = Acceptable

Carbide
Center Cutting