



General Purpose

Style: CEM-SE2 (continued)

Carbide
Center Cutting

cutting diameter d₁		shank diameter d₂	length of cut l₂ (in)	overall length l₁ (in)	no. of flutes	corner radius	order number CEM-SE2	
fractional	decimal						bright	TiAlN
5/16	.3125	5/16	13/16	2-1/2	2	0.020	C61036	C81036
5/16	.3125	5/16	13/16	2-1/2	2	0.030	C61037	C81037
5/16	.3125	5/16	1-1/8	3	2	0.000	C61038	C81038
5/16	.3125	5/16	1-5/8	4	2	0.000	C61039	C81039
3/8	.3750	3/8	5/8	2	2	0.000	C61040	C81040
3/8	.3750	3/8	1	2-1/2	2	0.000	C61041	C81041
3/8	.3750	3/8	1	2-1/2	2	0.020	C61042	C81042
3/8	.3750	3/8	1	2-1/2	2	0.030	C61043	C81043
3/8	.3750	3/8	1	2-1/2	2	0.045	C61044	C81044
3/8	.3750	3/8	1-1/8	3	2	0.000	C61045	C81045
3/8	.3750	3/8	1 3/4	4	2	0.000	C61046	C81046
3/8	.3750	3/8	1-1/2	6	2	0.000	C61047	C81047
7/16	.4375	7/16	5/8	2-1/2	2	0.000	C61048	C81048
7/16	.4375	7/16	1	2-1/2	2	0.000	C61049	C81049
7/16	.4375	7/16	2	4	2	0.000	C61050	C81050
7/16	.4375	7/16	3	6	2	0.000	C61051	C81051
1/2	.5000	1/2	5/8	2-1/2	2	0.000	C61052	C81052
1/2	.5000	1/2	1	3	2	0.000	C61053	C81053
1/2	.5000	1/2	1	3	2	0.030	C61054	C81054
1/2	.5000	1/2	1	3	2	0.060	C61055	C81055
1/2	.5000	1/2	1	3	2	0.090	C61056	C81056
1/2	.5000	1/2	2	4	2	0.000	C61057	C81057
1/2	.5000	1/2	1-1/2	6	2	0.000	C61058	C81058
1/2	.5000	1/2	3	6	2	0.000	C61059	C81059
9/16	.5625	9/16	1-1/4	3 1/2	2	0.000	C61060	C81060
5/8	.6250	5/8	3/4	3	2	0.000	C61061	C81061
5/8	.6250	5/8	1-1/4	3 1/2	2	0.000	C61062	C81062
5/8	.6250	5/8	1-1/4	3 1/2	2	0.030	C61063	C81063
5/8	.6250	5/8	1-1/4	3 1/2	2	0.060	C61064	C81064
5/8	.6250	5/8	1-1/4	3 1/2	2	0.090	C61065	C81065
5/8	.6250	5/8	2-1/4	5	2	0.000	C61066	C81066
5/8	.6250	5/8	3	6	2	0.000	C61067	C81067
3/4	.7500	3/4	1	3	2	0.000	C61068	C81068
3/4	.7500	3/4	1-1/2	4	2	0.000	C61069	C81069
3/4	.7500	3/4	1-1/2	4	2	0.030	C61070	C81070
3/4	.7500	3/4	1-1/2	4	2	0.060	C61071	C81071
3/4	.7500	3/4	1-1/2	4	2	0.090	C61072	C81072
3/4	.7500	3/4	2-1/4	5	2	0.000	C61073	C81073
3/4	.7500	3/4	3	6	2	0.000	C61074	C81074
7/8	.8750	7/8	1-1/2	4	2	0.000	C61075	C81075
7/8	.8750	7/8	2-1/4	5	2	0.000	C61076	C81076
7/8	.8750	7/8	3	6	2	0.000	C61077	C81077
1	1.0000	1	1-1/2	4	2	0.000	C61078	C81078
1	1.0000	1	1-1/2	4	2	0.030	C61079	C81079
1	1.0000	1	1-1/2	4	2	0.060	C61080	C81080
1	1.0000	1	1-1/2	4	2	0.090	C61081	C81081
1	1.0000	1	2-1/4	5	2	0.000	C61082	C81082
1	1.0000	1	3	6	2	0.000	C61083	C81083

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	
	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32			>45	
Hardness	◆		◆		◆	◆		◆	◆	☆			
Bright	◆		◆		◆	◆		◆	◆	☆			
TiAlN	☆		☆		◆	◆		☆	☆				

☆ = Best Performance ◆ = Acceptable

