SOLIDMILL
CERAMIC ENDMILL

High Feed
Dia 6-20 mm
Ceramic Master

High Feed Ceramic Endmill for Cost Effectivness and High Productivity

Solid Ceramic Endmill Cutter

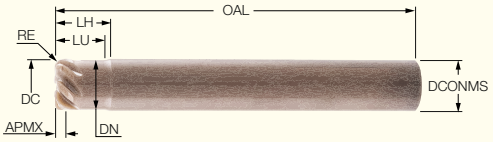
- Rough Application
- High Feed Milling Geometry
- High Productivity
- Cost Effective Insert

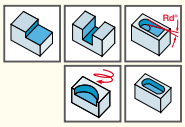
LOGIQMILL
ISCAR CHESS LINES

SOLIDMILL CERAMIC ENDMILL

EC-E3/E7-CE (ceramic)

3 and 7 Flute Solid Ceramic Endmills with Relieved Necks for Machining Superalloys, Cast Iron and Graphite





Designation	Dimensions									Tough ↔ Hard		Recommended Machining Data
	DC	APMX	DN	DCONMS	RE(1)	LU	NOF(2)	LH	OAL	IS35	IS6	f_z (mm/t)
EC-E3 06-06/15C06R.4N50CE	6.00	6.00	5.50	6.00	0.42	14.5	3	15.0	50.00	•		0.03-0.10
EC-E3 08-08/20C08R.5N57CE	8.00	8.00	7.50	8.00	0.56	19.5	3	20.0	57.00	•		0.03-0.14
EC-E3 10-10/25C10R.7N65CE	10.00	10.00	9.50	10.00	0.70	24.5	3	25.0	65.00	•		0.03-0.16
EC-E3 12-12/30C12R1.N72CE	12.00	12.00	11.50	12.00	1.10	29.5	3	30.0	72.00	•		0.03-0.18
EC-E3 16-16/35C16R2.N83CE	16.00	16.00	15.50	16.00	1.90	34.5	3	35.0	83.00	•		0.03-0.22
EC-E3 20-20/40C20R2.N93CE	20.00	20.00	19.50	20.00	2.50	39.5	3	40.0	93.00	•		0.03-0.24
EC-E7 08-02C08R1.0N63CE	8.00	0.40	7.50	8.00	1.00	8.0	7	9.5	63.00		•	0.03-0.10
EC-E7 10-02C10R1.5N72CE	10.00	0.70	9.50	10.00	1.50	10.0	7	11.5	72.00		•	0.03-0.12
EC-E7 12-02C12R1.5N83CE	12.00	1.30	11.50	12.00	1.50	10.0	7	12.0	83.00		•	0.03-0.15

• **Recommended cutting speed on high temperature nickel-based superalloys:** 250-700 m/min • Maximum width of cut for the 3 flute cutters is 0.1xD

(1) Programming radius

(2) Number of flutes

P	M	K	N(K)	S(M)	H(P/K)
		+	+	+	

+ recommended