

Size  $\phi 0.1 \sim \phi 20$

# C-CES2000

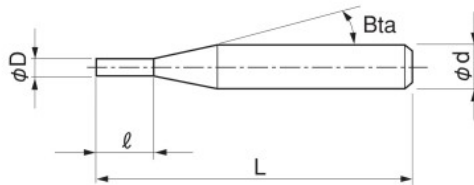


Material Applications (★ Highly Recommended ● Recommended ○ Suggested)

Work Material																	
Carbon Steels S45C S55C	Alloy Steels SK / SCM SUS	Prehardened Steels NAK HPM	Hardened Steels					Cast Iron	Aluminum Alloys	Graphite	Copper	Plastics	Glass Filled Plastics	Titanium Alloys	Heat Resistant Alloys	Cemented Carbide	Hard Brittle (Non-Metallic) Materials
			~50HRC	~55HRC	~60HRC	~65HRC	~70HRC										
●	●	●	●	○				○			●			○	○		

## Features

**Broad application range from Copper and Carbon Steels up to Hardened Steels (55HRC).  
Excellent performance/quality to price ratio.  
Refer to page 194 for 4 flute C-CES.**



The shank taper angle shown is not an exact value and to avoid contact with the work piece, we recommend the user controls the precise value of this angle. Shank taper angle should not make contact with the work piece.

Total 207 models

Unit (mm)

Model Number	Outside Diameter $\phi D$	Length of Cut $\ell$	Shank Taper Angle $Bta$	Overall Length $L$	Shank Diameter $\phi d$	Suggested Retail Price ¥
C-CES 2001-0015	0.1	0.15	16°	45	4	7,800
C-CES 2001-0020		0.2		45	4	7,800
C-CES 2001-0030		0.3		45	4	7,800
C-CES 2002-0030	0.2	0.3	16°	45	4	4,680
C-CES 2002		0.4		38	3	4,680
C-CES 2002-0040		0.4		45	4	4,680
C-CES 2002-0050		0.5		45	4	4,680
C-CES 2002-0060		0.6		45	4	4,680
C-CES 2002-0080		0.8		45	4	7,930

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