



Size $\phi 1 \sim \phi 20$

C-CES4000

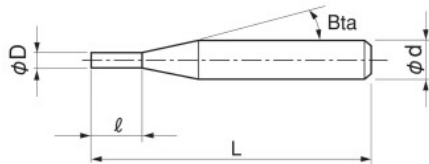


Material Applications (★ Highly Recommended ● Recommended ○ Suggested)

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 166 for 2 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. Actual measurement is necessary when using longer length of cut than the written length.

Total 56 models

Unit (mm)

Model Number	Outside Diameter ϕD	Length of Cut ℓ	Shank Taper Angle Bta	Overall Length L	Shank Diameter ϕd	Suggested Retail Price ¥
C-CES 4010	1	2.5	16°	45	4	5,160
C-CES 4010-0300		3		45	4	5,160
C-CES 4010-0400		4		45	4	5,400
C-CES 4015	1.5	3.75	16°	45	4	5,160
C-CES 4015-0450		4.5		45	4	5,160
C-CES 4015-0600		6		45	4	5,400
C-CES 4020	2	5	16°	45	4	3,300
C-CES 4020-0600		6		45	4	3,300
C-CES 4020-0800		8		45	4	4,440
C-CES 4025	2.5	6.25	16°	45	4	3,300
C-CES 4025-0750		7.5		50	4	3,300
C-CES 4025-1000		10		50	4	4,440
C-CES 4030-0750	3	7.5	16°	45	6	3,420
C-CES 4030		8		45	6	3,420
C-CES 4030-0900		9		50	6	3,420
C-CES 4030-1200		12		50	6	4,320
C-CES 4035	3.5	10	16°	45	6	7,150