

Size $\phi 1 \sim \phi 12$

C-CES4000S



Material Applications (★ Highly Recommended ● Recommended ○ Suggested)

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

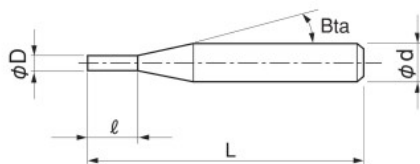
Features

4 flute C-CES with a sharp corner design.

Broad application range from Copper and Carbon Steels up to Hardened Steels (55HRC).

Excellent performance / quality to price ratio.

Refer to page 180 for 2 flute C-CES-S.



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 11 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 4010S	1	2.5	16°	45	4	5,160
C-CES 4015S	1.5	3.75	16°	45	4	5,160
C-CES 4020S	2	6	16°	45	4	3,300
C-CES 4025S	2.5	6.25	16°	45	4	3,300
C-CES 4030S	3	8	16°	45	6	3,420
C-CES 4040S	4	11	16°	45	6	3,860
C-CES 4050S	5	13	16°	50	6	3,970
C-CES 4060S	6	13	—	50	6	4,170
C-CES 4080S	8	19	—	60	8	7,090
C-CES 4100S	10	22	—	70	10	9,460
C-CES 4120S	12	26	—	75	12	11,880