

Drill dia.	Shank dia.	Overall length	Drill length
Dc	Ds	L	ℓ

JIS

① Spiral Fluted Taps  
(for blind hole)

② Spiral Fluted Taps  
(for through hole)

③ Spiral Pointed Taps  
(for through hole)

④ Hand Taps

⑤ Cemented Carbide Taps

⑥ Roll Taps

⑦ Special Thread Taps  
Simple Inspection Tools

⑧ Pipe Taps

⑨ Thread Mills

Dies

⑩

⑪ Center Drills  
Centering Tools

JIS

⑪-1



## CESA

High Helix Center Drills-JIS Type A 60°



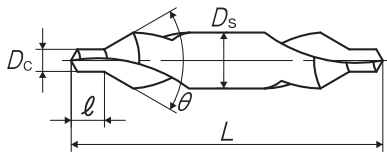
### Specification

**HSS**

For icon explanation, refer to icon-1

■ The CESA is a high helix JIS A type center hole drill, especially suitable for soft and relatively free machining materials.

### TYPE: 1



Segment : 51

Size Dc × θ × Ds	Code	Ds (mm)	L (mm)	ℓ (mm)	TYPE	MSRP
0.5 × 60° × 3.15	CEA0.5	3.15	31.5	0.8	1	¥ 2,290
0.63 × 60° × 3.15	CEA0.63	3.15	31.5	1	1	¥ 2,060
0.8 × 60° × 3.15	CEA0.8	3.15	31.5	1.2	1	¥ 1,580
1 × 60° × 3.15	CEA1.0	3.15	31.5	1.5	1	¥ 1,400
1.25 × 60° × 3.15	CEA1.25	3.15	31.5	1.9	1	¥ 1,290
1.6 × 60° × 4	CEA1.6	4	35.5	2.4	1	¥ 1,240
2 × 60° × 5	CEA2.0	5	40	3	1	¥ 1,030
2.5 × 60° × 6.3	CEA2.5	6.3	45	3.8	1	¥ 1,120
3.15 × 60° × 8	CEA3.15	8	50	4.8	1	¥ 1,500
4 × 60° × 10	CEA4.0	10	56	6	1	¥ 2,740
5 × 60° × 12.5	CEA5.0	12.5	63	7.5	1	¥ 3,670
6.3 × 60° × 16	CEA6.3	16	71	9.2	1	¥ 7,090
8 × 60° × 20	CEA8.0	20	80	11.5	1	¥ 14,400
10 × 60° × 25	CEA010	25	100	14.2	1	¥ 25,200