

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

S
JIS

CE-SL

Long Shank High Helix Center Drills-Type A 60°

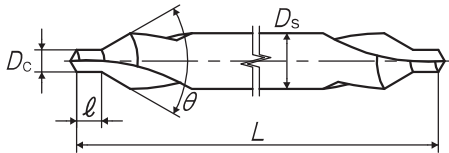


Specification

HSS

■ Long shank high helix center drills - Type A suitable for soft or relatively tough materials.

TYPE: 1



Segment : 51

Size Dc × θ × Ds	Code	Dc (mm)	Ds (mm)	L (mm)	ℓ (mm)	TYPE	MSRP
1 × 60° × 4	CEL1.0	1	4	100	1	1	¥ 6,600
1 × 60° × 4	CEM1.0	1	4	150	1	1	¥ 9,930
1.5 × 60° × 5	CEL1.5	1.5	5	100	1.5	1	¥ 4,930
1.5 × 60° × 5	CEM1.5	1.5	5	150	1.5	1	¥ 8,100
2 × 60° × 6	CEL2.0	2	6	100	2	1	¥ 5,530
2 × 60° × 6	CEM2.0	2	6	150	2	1	¥ 8,380
2.5 × 60° × 8	CEL2.5	2.5	8	100	2.5	1	¥ 6,600
2.5 × 60° × 8	CEM2.5	2.5	8	150	2.5	1	¥ 9,970
3 × 60° × 8	CEL3.0	3	8	100	3	1	¥ 6,600
3 × 60° × 8	CEM3.0	3	8	150	3	1	¥ 9,920
3 × 60° × 8	CEN3.0	3	8	200	3	1	¥ 13,100*
4 × 60° × 10	CEL4.0	4	10	100	4.5	1	¥ 7,400
4 × 60° × 10	CEM4.0	4	10	150	4.5	1	¥ 10,800
4 × 60° × 10	CEN4.0	4	10	200	4.5	1	¥ 14,200*
5 × 60° × 12	CEL5.0	5	12	100	5.5	1	¥ 9,400
5 × 60° × 12	CEM5.0	5	12	150	5.5	1	¥ 14,500
5 × 60° × 12	CEN5.0	5	12	200	5.5	1	¥ 19,000*

Spiral Fluted Taps
(for blind hole) ①

Spiral Fluted Taps
(for through hole) ②

Spiral Pointed Taps
(for through hole) ③

Hand Taps ④

Cemented
Carbide Taps ⑤

Roll Taps ⑥

Special Thread Taps
Simple inspection tools ⑦

Pipe Taps ⑧

Thread Mills
Premium Thread Mills ⑨

Dies ⑩

Center Drills
Centering Tools ⑪