

Drill dia.	Shank dia.	Overall length	Drill length	Body length	—
Dc	Ds	L	ℓ	ℓ ₂	H

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 ⑨

Dies ⑩

Center Drills
Centering Tools ⑪

JIS

JO-CES

Joint- High Helix Center Drills-Type A 60°

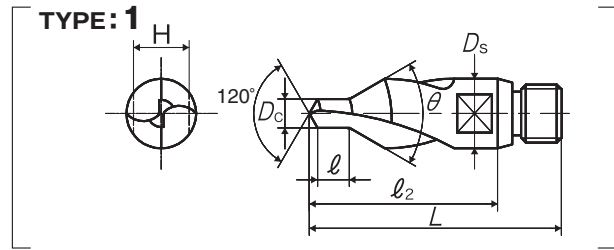


Specification

HSS

For icon explanation, refer to icon-1

■ The JO-CES is a high helix JIS type A center hole drill joint tool that is particularly suitable for soft material and relatively free machining materials.



Segment : 5C

Size Dc × θ	Code	Ds (mm)	L (mm)	ℓ (mm)	ℓ ₂ (mm)	H (mm)	Adaptable holder Shank dia.	TYPE	MSRP
4 × 60°	JCE4.0	10	37.5	4.5	27.5	8	14	1	¥ 3,090
5 × 60°	JCE5.0	12	43.5	5.5	32.5	10	16	1	¥ 3,180
6 × 60°	JCE6.0	16	48.5	6.5	34.5	13	20	1	¥ 3,980

JIS

JO-CES V

Joint- High Helix Center Drills-Type A 60°, Coated

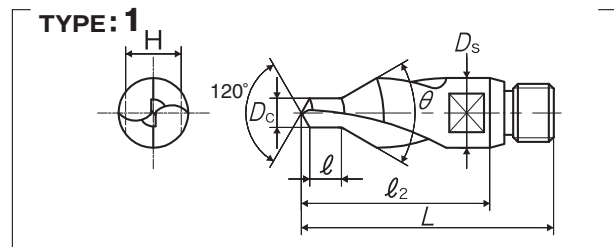


Specification

HSS Coating

For icon explanation, refer to icon-1

■ Optimum coating suitable for the cutting condition.



Segment : 5C

Size Dc × θ	Code	Ds (mm)	L (mm)	ℓ (mm)	ℓ ₂ (mm)	H (mm)	Adaptable holder Shank dia.	TYPE	MSRP
4 × 60°	JVCE4.0	10	37.5	4.5	27.5	8	14	1	¥ 5,450
5 × 60°	JVCE5.0	12	43.5	5.5	32.5	10	16	1	¥ 6,270
6 × 60°	JVCE6.0	16	48.5	6.5	34.5	13	20	1	¥ 8,580