

Drill dia.	Shank dia.	Maximum dia.	Overall length	Drill length	Body length
Dc	Ds	D1	L	ℓ	ℓ <sub>2</sub>

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-C-CDS

Joint- Low Helix Carbide Center Drills-Type A 60°



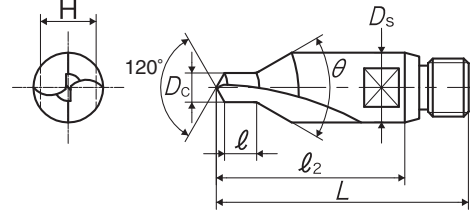
### Specification

**HF**

For icon explanation, refer to icon-1

■The JO-C-CDS is a carbide type A center hole drill joint tool suitable for hard materials and mass production processing.

TYPE: 1



Segment : 5C

Size Dc × θ	Code	Ds (mm)	L (mm)	ℓ (mm)	ℓ <sub>2</sub> (mm)	H (mm)	Adaptable holder Shank dia.	TYPE	MSRP
4 × 60°	JCCY4.0	10	37.5	4.5	27.5	8	14	1	¥ 16,100
5 × 60°	JCCY5.0	12	43.5	5.5	32.5	10	16	1	¥ 19,400
6 × 60°	JCCY6.0	16	48.5	6.5	34.5	13	20	1	¥ 47,000

JIS

## JO-CDS(II)

Joint- Low Helix Center Drills-Type B 60°, (Old JIS Type 2 )



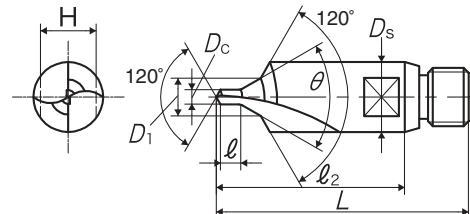
### Specification

**HSS**

For icon explanation, refer to icon-1

■The JO-CDS(II) is a old JIS type 2 center hole drill joint tool suitable for relatively hard materials.

TYPE: 1



Segment : 5C

Size Dc × θ	Code	Ds (mm)	D <sub>1</sub> (mm)	L (mm)	ℓ (mm)	ℓ <sub>2</sub> (mm)	H (mm)	Adaptable holder Shank dia.	TYPE	MSRP
2 × 60°	JC22.0	10	5	37.5	3	27.5	8	14	1	¥ 3,250
2.5 × 60°	JC22.5	12	6.5	43.5	3.5	32.5	10	16	1	¥ 3,280
3 × 60°	JC23.0	16	8	48.5	4	34.5	13	20	1	¥ 4,040

※ = Specified Distribution Items. Made to order products.  
For improvement, spec may change without advance notice.