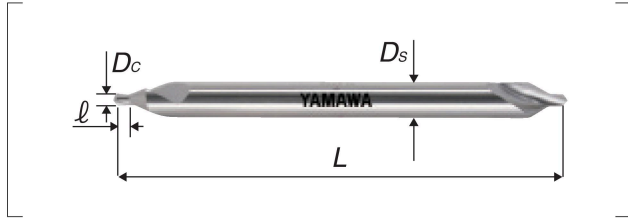


# CE-SL

Long Shank High Helix Center Drills-Type A 60°

HSS

Segment : 51

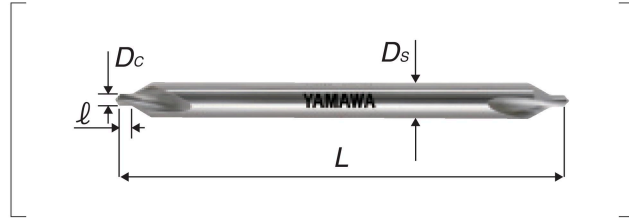


# CD-SL

Long Shank Low Helix Center Drills-Type A 60°

HSS

Segment : 51



| Size<br>Dc x θ x Ds | Stock | Code   | Ds<br>(mm) | L<br>(mm) | ℓ<br>(mm) | Type |
|---------------------|-------|--------|------------|-----------|-----------|------|
| 1×60°×4             | ◎     | CEL1.0 | 4          | 100       | 1         | Cf   |
|                     | ○     | CEM1.0 |            | 150       |           |      |
| 1.5×60°×5           | ◎     | CEL1.5 | 5          | 100       | 1.5       | Cf   |
|                     | ○     | CEM1.5 |            | 150       |           |      |
| 2×60°×6             | ◎     | CEL2.0 | 6          | 100       | 2         | Cf   |
|                     | ◎     | CEM2.0 |            | 150       |           |      |
| 2.5×60°×8           | ◎     | CEL2.5 | 8          | 100       | 2.5       | Cf   |
|                     | ◎     | CEM2.5 |            | 150       |           |      |
| 3×60°×8             | ◎     | CEL3.0 | 8          | 100       | 3         | Cf   |
|                     | ◎     | CEM3.0 |            | 150       |           |      |
|                     | △     | CEN3.0 |            | 200       |           |      |
| 4×60°×10            | ◎     | CEL4.0 | 10         | 100       | 4.5       | Cf   |
|                     | ◎     | CEM4.0 |            | 150       |           |      |
|                     | △     | CEN4.0 |            | 200       |           |      |
| 5×60°×12            | ◎     | CEL5.0 | 12         | 100       | 5.5       | Cf   |
|                     | ◎     | CEM5.0 |            | 150       |           |      |
|                     | △     | CEN5.0 |            | 200       |           |      |

| Size<br>Dc x θ x Ds | Stock | Code   | Ds<br>(mm) | L<br>(mm) | ℓ<br>(mm) | Type |
|---------------------|-------|--------|------------|-----------|-----------|------|
| 1×60°×4             | ○     | CDL1.0 | 4          | 100       | 1         | Cf   |
|                     | ○     | CDM1.0 |            | 150       |           |      |
| 1.5×60°×5           | ○     | CDL1.5 | 5          | 100       | 1.5       | Cf   |
|                     | ○     | CDM1.5 |            | 150       |           |      |
| 2×60°×6             | ◎     | CDL2.0 | 6          | 100       | 2         | Cf   |
|                     | ○     | CDM2.0 |            | 150       |           |      |
| 2.5×60°×8           | ◎     | CDL2.5 | 8          | 100       | 2.5       | Cf   |
|                     | ○     | CDM2.5 |            | 150       |           |      |
| 3×60°×8             | ◎     | CDL3.0 | 8          | 100       | 3         | Cf   |
|                     | ○     | CDM3.0 |            | 150       |           |      |
|                     | △     | CDN3.0 |            | 200       |           |      |
| 4×60°×10            | ◎     | CDL4.0 | 10         | 100       | 4.5       | Cf   |
|                     | ○     | CDM4.0 |            | 150       |           |      |
|                     | △     | CDN4.0 |            | 200       |           |      |
| 5×60°×12            | ○     | CDL5.0 | 12         | 100       | 5.5       | Cf   |
|                     | ○     | CDM5.0 |            | 150       |           |      |
|                     | △     | CDN5.0 |            | 200       |           |      |

Spiral Fluted Taps  
(for blind hole)

Spiral Fluted Taps  
(for through hole)

Spiral Pointed  
Taps

Hand Taps

Coated  
Carbide Taps

Roll Taps

Special Thread Taps  
Simple measuring tools

Pipe Taps

MC Helical  
Thread Mills

Dies

Center Drills

Centering Tools