

THREADING

01-2024

JANUARY 2024

IMPERIAL

NPA

New Product Announcement



High Pressure
Coolant



Longer
Tool Life



Easy Chip
Evacuation



ISCAR *THREAD*

New Threading Tools with Coolant Channels

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PREVIEW

Highlights

New SER/L-JHP Laydown Square Shank Tools with High Pressure Coolant Channels.

JHP Tools with Coolant Channels for High Pressure Coolant

The use of high pressure coolant is growing as manufacturers are looking for ways to reduce cutting time, improve machining process reliability and achieve longer tool life. ISCAR's new JHP tools provide all of these advantages.

Shorter chips are easily managed and no longer tangle around the workpiece or machined parts.

The improved working process guarantees consecutive work and minimizes machine downtime. By use of conventional coolant, the chips often prevent the coolant from reaching the cutting zone of the insert.

The pinpointed coolant is aimed to reach between the insert's rake face and the flow of chips. The results promise longer tool life and a reliable machining process.

Insert Indexing Procedure

Press on the telescopic tube in a backward direction.

After indexing the insert's cutting edge, starting the coolant flow will extract the tube automatically to its operating position.

Assembly and safety guidelines are the same as those related to the ISOTURN JHP tools.

JHP Tool Advantages

- Reduces temperature at the cutting zone
- Improves surface finish and insert tool life
- High-pressure coolant reduces or even eliminates the built-up edge phenomenon, especially when machining stainless steel and high-temperature alloys
- Proved and improved chip breaking results on all materials



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