



Milling

VIDEO: ISCAR LOGIQ4FEED High Feed Milling

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LOGIQ 4 FEED is ISCAR's latest high-feed milling family of tools/inserts designed to increase productivity of rough milling applications, especially roughing that involves the creation of deep pockets/cavities and those that require a tool with ramping ability. LOGIQ 4 FEED features double-sided "bone-shaped" inserts with four cutting edges and positive rake angles which ensure smooth and easy cutting action, making them suitable for machining a wide range of materials, and for use on a wide range of machining centers, especially on lighter duty machines/spindles, such as common CAT40/HSK 63 spindles or driven tool stations on lathes.

These inserts have 4 types of cutting geometries for machining different materials under diverse cutting conditions:

T – Steel, ferritic and martensitic stainless steel, cast iron and hardened steel

HP – Austenitic stainless steel and high temperature alloys

RM-T – Interrupted cut for machining near straight wall shoulders of steel, ferritic and martensitic stainless steel, cast iron, and hardened steel

RM-HP – Interrupted cut for machining near straight wall shoulders of austenitic stainless steel and high temperature alloys

Features:

- Available in two subfamilies: for mounting inserts of 04 mm and 08 mm sizes
- 17° cutting edge angle.
- Progressive cutting geometry reduces cutting forces for smooth cutting.
- Ramping down capability.
- Protective coating on cutter body for uninterrupted chip flow and protection against corrosion and wear.
- Internal coolant holes directed to each cutting edge.

Previously Featured on ISCAR's YouTube channel.

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