

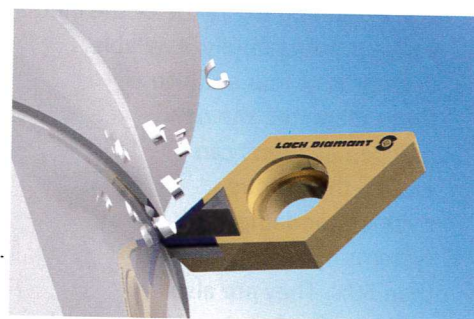
## PCD Cutting Insert Has a Chip Breaker Ideal for Machining Aluminium

Lach Diamant (Jakob Lach GmbH) offers polycrystalline-diamond (PCD) cutting inserts with active chip breakers for machining aluminium. These cutters are designed to be highly efficient in turning and milling aluminium, and are especially remarkable for their effectiveness in chipping low-alloyed aluminium with a silicone component of less than 7%. The chip breaker is inextricably fixed to the PCD insert.

The Type IS chip breaker is particularly well suited for machining thick-walled, stable components and for

performing turning operations, even with interrupted cutting. But for particularly thin-walled and unstable components made from aluminium with less than 3% silicon content or from magnesium, brass, copper and bronze alloys, the manufacturer recommends the PCD cutting insert with a Type IC positive chip breaker.

Lach Diamant declares its type IS and IC PCD chip breakers superior in performance to all known laser-produced PCD chip breakers. The company additionally supplies cubic boron nitride (CBN) cutting inserts with the



patented chip breaker for cutting high-alloyed hardened steels and cast iron.

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