



Diesel Engine Front Cover: AccuPort 432®

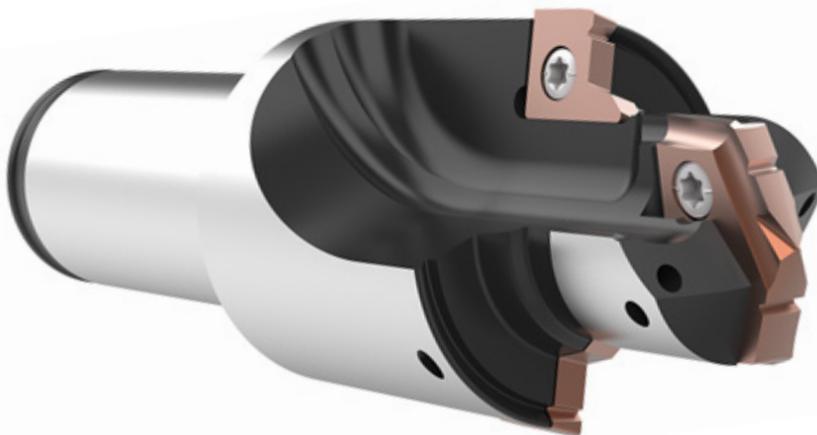
A Tier 1 automotive supplier manufactures a diesel engine front cover made from grey cast iron. They are using a Mitsubishi 800mm HMC with 300 PSI (21 bar) through tool coolant.

The customer needed a special angled insert to meet the specification. The cycle time for the part was not keeping pace with production demands. The solid carbide tooling also added large costs to the operation due to lengthy set-up times, regrinds, recoats, and extra inventory.

The **special AccuPort 432®** allowed the customer to replace three tools with one, which significantly decreased the cycle time. Also, the replaceable insert design greatly reduced the large stock of solid carbide tooling.



- Product:** AccuPort 432®
- Objective:** Improve process
- Industry:** Automotive
- Part:** Diesel engine front cover
- Material:** Grey cast iron



- ▶ AccuPort 432®
ISO-6149 #8
- ▶ Insert
1C30A-16.2-CI

The AccuPort 432® provided:

- ✓ Increased production capabilities
- ✓ Reduced labor hours
- ✓ Decreased costs

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