

## FORGING OF ENGINE VALVES

Company: TRW (La Source, France)

Tools: Forging dies made of steel 32CDV12-28 (H10) and nitrided. Used for the manufacturing of engine valves.



	<u>Before</u>	<u>With CRYOBEST®</u>
Tool life comparison (in %)	100	<b>235</b>

It can be observed in the treated tools that the bands formed with nodules of Mo and V are thinner and more dispersed throughout the material. As well, the formation of groves in the tool surface is delayed, and they are less deep.

