



DIE CASTING

voestalpine CORE PINS designed for pure performance

Over the years, our tailored core pins have proven their outstanding performance quality in all major industry segments like automotive, white goods and many more.

YOUR ADDED VALUE

Our core pins for die casting applications are produced with **premium materials by BÖHLER/Uddeholm**. The finished products include voestalpine heat treatment, final machining, and eifeler PVD coating services to develop premium high performance solutions that are ready to be used by the foundries.

This engineered solution offers high temper back resistance with excellent ductility, significant soldering reduction, heat checking resistance, reduced down-time and maintenance efforts as well as good thermal conductivity. Our core pins have a hardness of up to 57 HRC, which offers outstanding high temperature resistance.

Main Properties

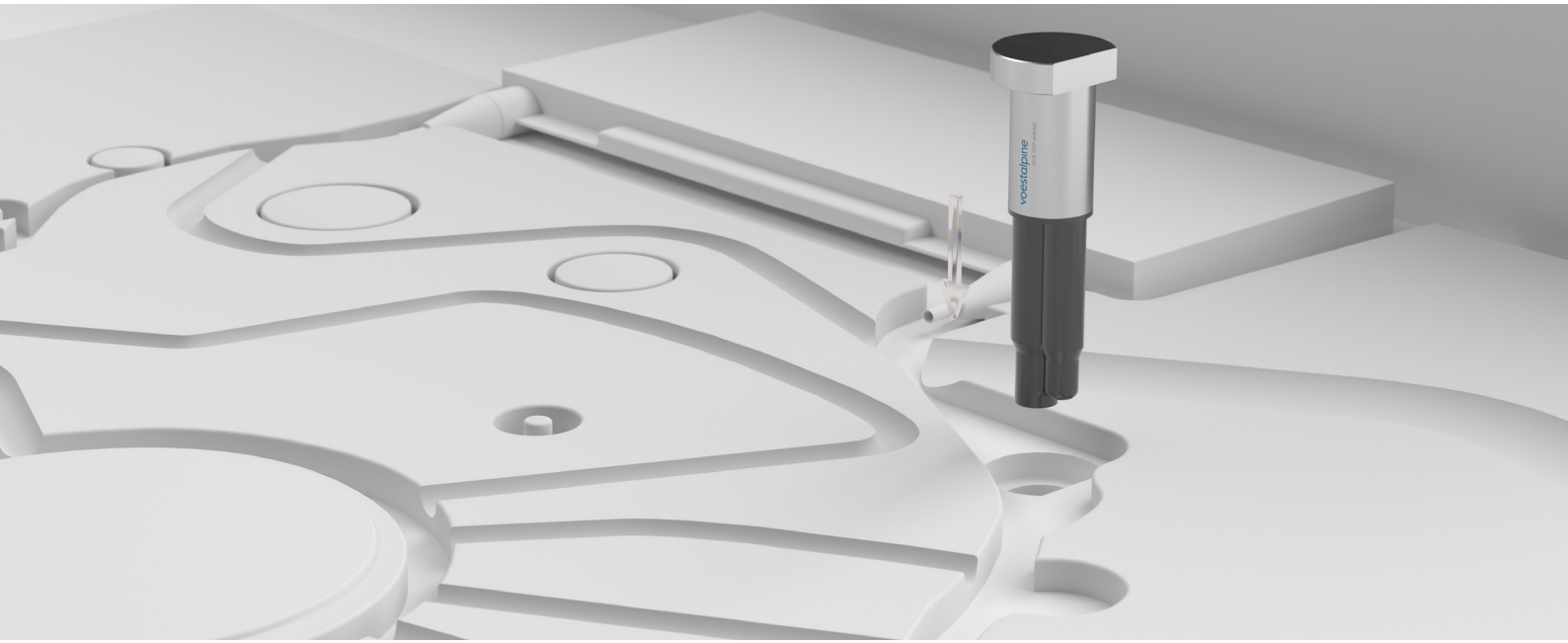
Outstanding hot wear resistance

Premium temper back resistance

High ductility (safety against cracks)

High thermal conductivity

Good machinability



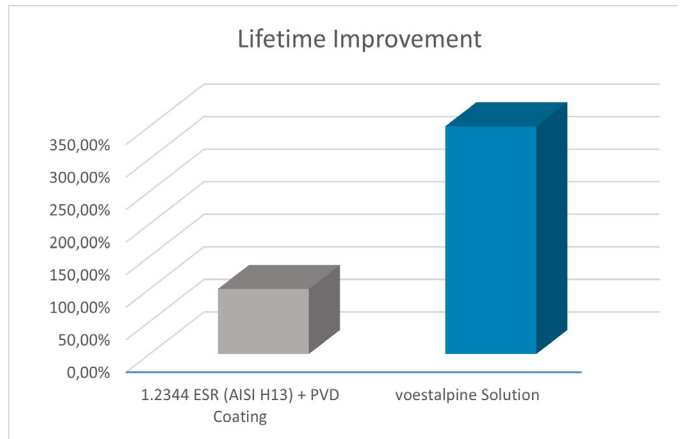
OUR MATERIALS

C	Si	Mn	Cr	Mo	V
0.50	0.20	0.25	4.50	3.00	0.60

C	Si	Mn	Cr	Mo	V
0.38	0.30	0.75	2.60	2.25	0.90

INDUSTRIAL PERFORMANCE COMPARISON

- » Less maintenance/cleaning effort
- » Reduced downtime
- » Reduced scrap rate



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voestalpine

ONE STEP AHEAD.