

Engineered Products



DIE CASTING

voestalpine SPRUES - CONVENTIONAL designed for pure performance

Over the years, our customized sprues have proven their superior quality in all major industry segments such as automotive, white goods and many more.

YOUR ADDED VALUE

voestalpine Sprues for die-casting applications are produced with **premium materials by BÖHLER/ Uddeholm**. Used mainly in three-plate die casting molds, these finished products include voestalpine heat treatment, final machining, and eifeler PVD coating to deliver high-performance solutions that are ready for foundry use.

Our sprues offer outstanding high-temperature wear resistance, excellent ductility (gross crack resistance), premium tempering resistance, significant soldering reduction (with eifeler PVD coating), high heat-checking resistance, as well as high thermal conductivity. These superior properties enable reduced downtime and maintenance effort, thereby substantially increasing OEE.

Main Properties

- Outstanding high-temperature wear resistance
- Premium tempering resistance
- Excellent ductility (safety against cracks)
- High soldering resistance (with PVD coating)
- High thermal conductivity



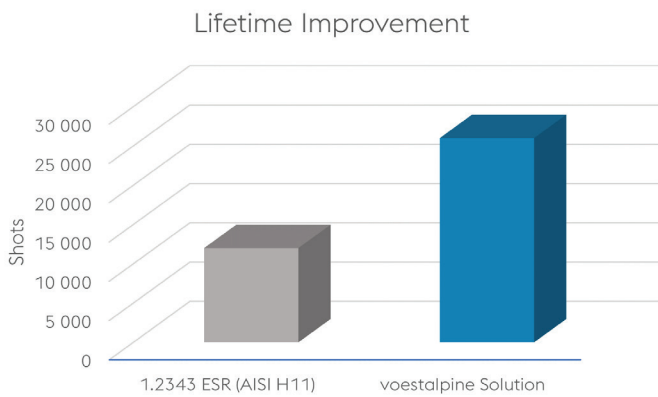
INDUSTRIAL PERFORMANCE COMPARISON

- » Increased lifetime
- » Reduced maintenance effort
- » Reduced fluctuations in casting quality

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
0.35	0.20	0.50	2.60	2.30	0.60



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ONE STEP AHEAD.