

Engineered Products



DIE CASTING

voestalpine DISTRIBUTORS - AM designed for pure performance

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

YOUR ADDED VALUE

voestalpine AM Distributors for die-casting applications are produced with **premium materials by BÖHLER/ Uddeholm**. Used mainly in two-plate die casting molds, these finished products include voestalpine heat treatment, final machining, eifeler PVD coating, and customized conformal cooling.

Our additively manufactured (AM) distributors offer outstanding high-temperature wear resistance, excellent ductility (gross crack resistance), premium tempering resistance, significant soldering reduction, high heat-checking resistance, as well as high thermal conductivity. AM versions are further enhanced with our customized high-performance conformal cooling design to attain the highest efficiency in die temperature control. With their superior properties, these distributors are designed to increase your OEE.

Main Properties

Outstanding high-temperature wear resistance

Premium tempering resistance

Excellent ductility (safety against cracks)

High soldering resistance

High thermal conductivity

INDUSTRIAL PERFORMANCE COMPARISON

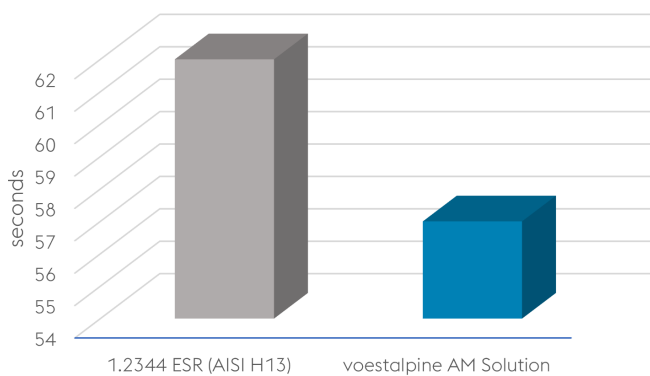
- » **Reduced cycle time**
- » **Increased lifetime**
- » **Reduced maintenance effort**
- » **Reduced fluctuations in casting quality**

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	5.00	2.30	0.60

Cycle Time Reduction



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October_2024_EN

voestalpine

ONE STEP AHEAD.