

Engineered Products



DIE CASTING

voestalpine DISTRIBUTORS/RINGS - AM designed for pure performance

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

YOUR ADDED VALUE

Our additively manufactured (AM) distributors/rings for high pressure die casting applications are produced from **premium materials by BÖHLER/Uddeholm**. The finished product includes heat treatment and tailored conformal cooling.

The ready to use AM distributors/rings are mainly used in two-plate die casting molds and offer high temperature wear resistance, excellent ductility, good tempering resistance and a significant reduction in soldering. Improved cycle time, decreased downtime and less maintenance increase OEE for our customers, which directly leads to higher productivity.

Main Properties

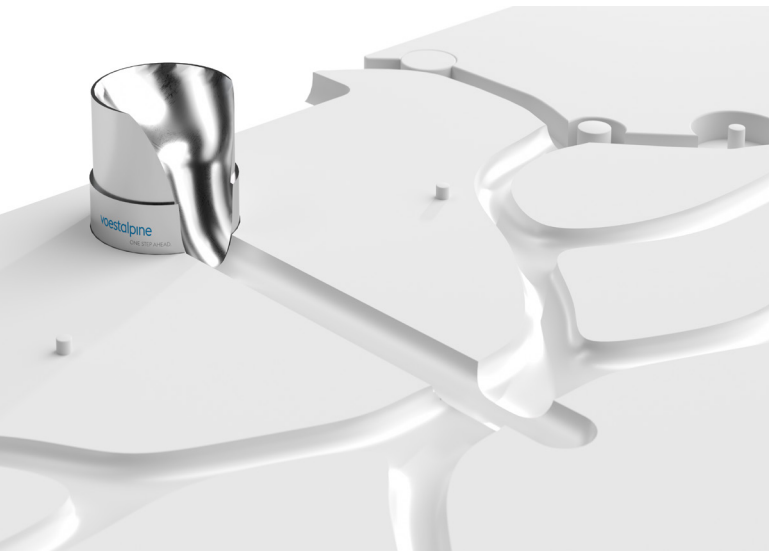
Outstanding hot wear resistance

Premium temper back resistance

High ductility (safety against cracks)

High soldering resistance

High thermal conductivity



INDUSTRIAL PERFORMANCE COMPARISON

- » Cycle time reduction
- » Reduced maintenance effort
- » Stable, high quality final casted parts

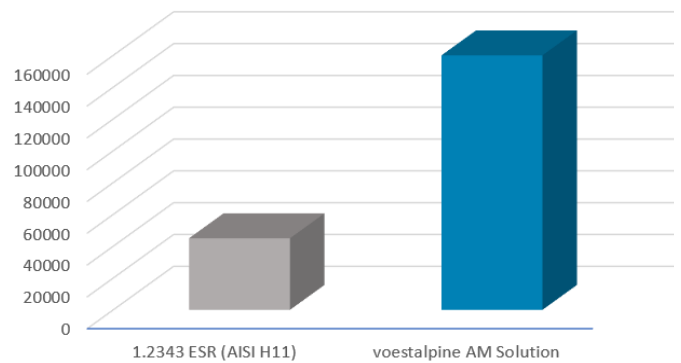


OUR MATERIALS

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

C	Si	Mn	Ni	Mo	Co	Ti
≤0.03	≤0.10	≤0.15	18.00	4.90	9.30	1.10

Lifetime Improvement



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ONE STEP AHEAD.