

Engineered Products



DIE CASTING

voestalpine AM DISTRIBUTOR RINGS designed for pure performance

Over the years, our tailored distributor 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) distributor 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 distributor 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 leads directly to higher productivity.

Main Properties

Outstanding hot wear resistance

Premium temper back resistance

High ductility (safety against cracks)

High soldering resistance

High thermal conductivity

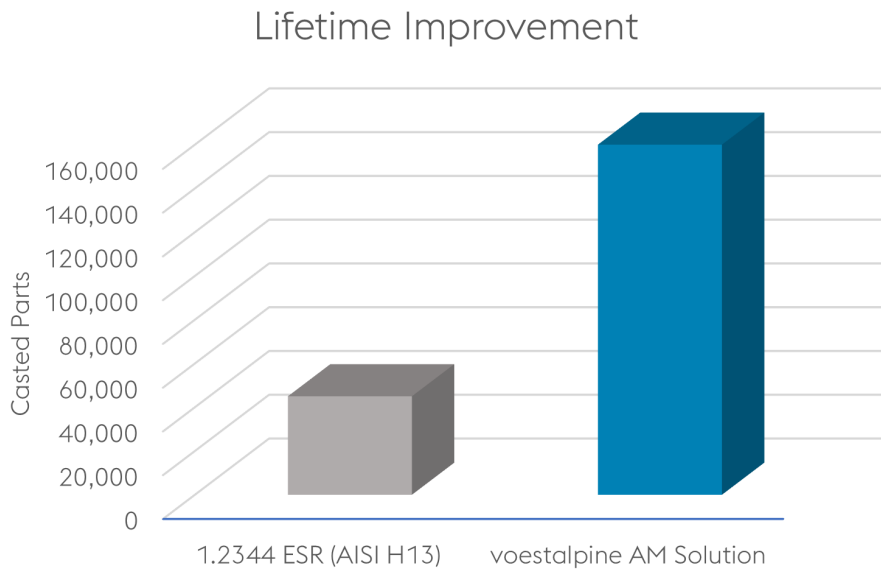
OUR MATERIALS

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

INDUSTRIAL PERFORMANCE COMPARISON

- » Cycle time reduction
- » Increased lifetime
- » Reduced maintenance effort
- » Stable, high quality final casted part
- » Increased flexibility



voestalpine High Performance Metals GmbH

Donau-City-Straße 7

1220 Vienna, Austria

T. +43/50304 10 - 0

office.edelstahl@voestalpine.com

www.voestalpine.com

March_2024_EN

voestalpine

ONE STEP AHEAD.