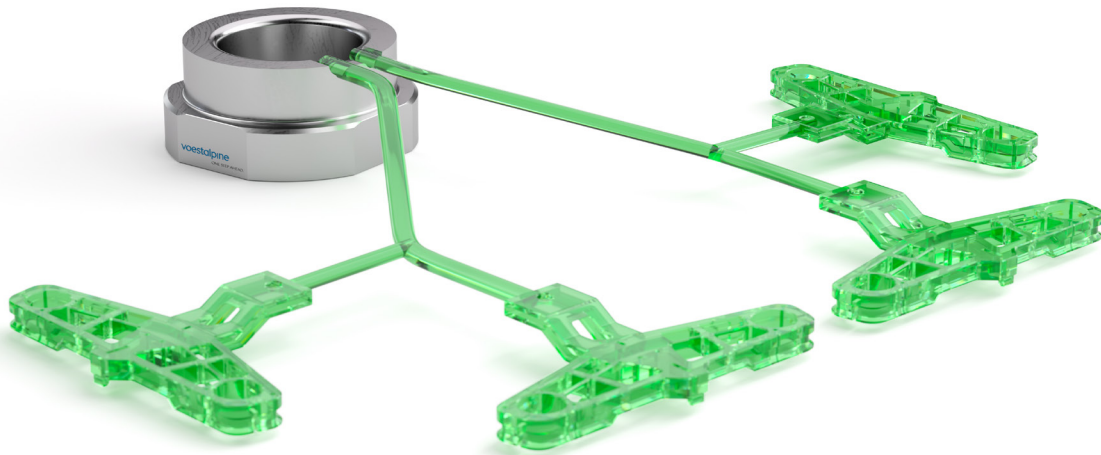


# Engineered Products



DIE CASTING

## voestalpine DISTRIBUTOR RINGS - CONVENTIONAL designed for pure performance

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

### YOUR ADDED VALUE

voestalpine Distributors Rings 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, and eifeler PVD coating to deliver high-performance solutions that are ready for foundry use.

Our distributor rings 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 maintenance effort and a more constant melt flow, 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



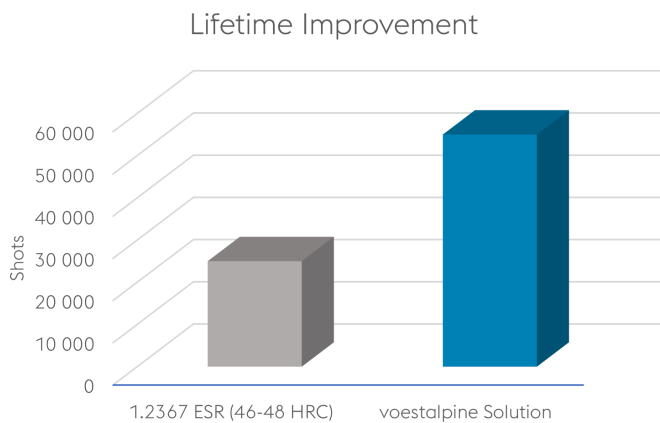
## INDUSTRIAL PERFORMANCE COMPARISON

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

## 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



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**voestalpine**

ONE STEP AHEAD.