



## HIGH PERFORMANCE CORE PINS & SUB INSERTS

Guaranteed Performance, One step ahead

voestalpine

ONE STEP AHEAD.

# HIGH PERFORMANCE CORE PINS & SUB INSERTS

## Garanted Performance, One step ahead

Our Tailor made High Performance core pins and sub inserts for high pressure die casting applications are made of Böhler W360 Isobloc, a unique material specially designed and manufactured for such high demand application by Böhler Austria with High performance Vacuum Heat Treatment and PVD Coating

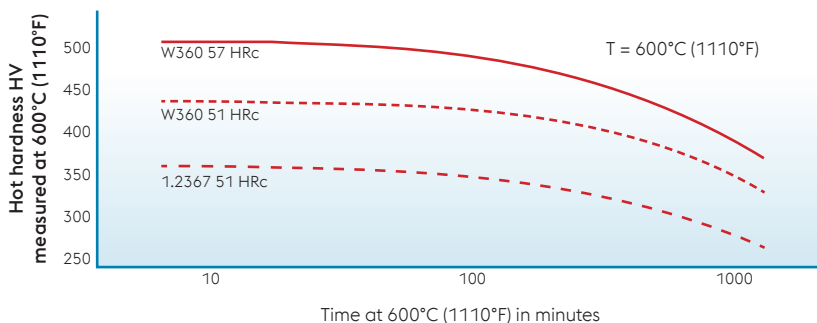
### ADVANTAGES

- Much longer life than "standard" core pins
- Higher hardness (up to 57 HRC)
- Higher toughness/ductility
- Improved thermal conductivity
- Improved wear resistance
- Reduced soldering

### TECHNICAL DATA

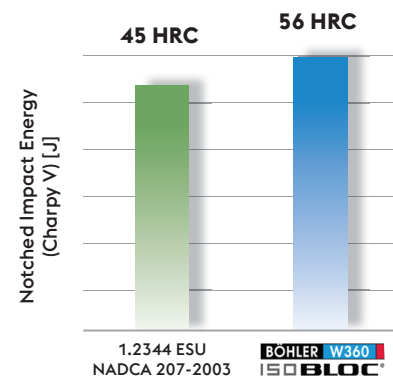
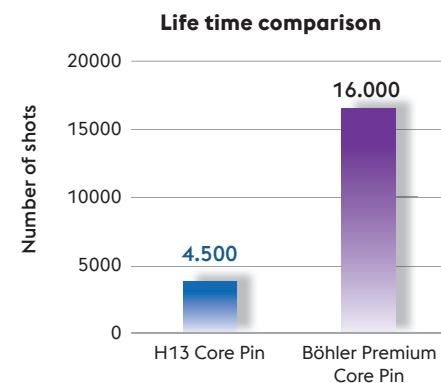
|                                      |   |
|--------------------------------------|---|
| Material                             | Böhler W360 Isobloc                                   |
| Core & Surface Hardness              | 54 – 56 HRC   |
| PVD Coating                          | DUPLEX-TIGRAL®  |
| Cooling<br>(as required by customer) | Without cooling, spot cooling<br>or conformal cooling |

Our High Performance core pins and sub inserts are being coated with DUPLEX-TIGRAL® PVD Coating which is the proven solution in High Pressure Die Casting industry world wide. Due to the unique characteristics of Böhler W360 Isobloc our High Performance core pins and sub inserts can achieve an out-standing hardness level with much better toughness than the normal H13



### PACKAGING :

Our core pins comes to you properly packed in plastic block packs, adapted to the product size.



voestalpine High Performance Metals India Pvt. Ltd.

sales@bohlerindia.com

www.bohler.in

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