

# ALPASE M-5

## ALUMINUM MOLD PLATE

Proven Technology in AA 5083 Chemistry



**TST INC**  
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Alpase is a leading integrated cast plate producer. M-5 offers mold builders the same proven Alpase technology used to produce the industry leading M-1 Aluminum Mold Plate specified by engineers for over 30 years. M-5 has the benefits of excellent corrosion resistance and high dimensional stability without stress relieving.

Providing a 5% reduction in weight vs M-1, good polishing and anodizing capabilities...

M-5 is the material of choice for professionals for decades

**Produced in the USA**



## M-5 Product Features and Benefits

- Elongation - 12% - 15%
- Excellent weld-ability
- Surface Condition- Machine top and bottom to reduce handling and machining steps
- Dimensional Stability- High dimensional stability during and after machining
- Polishing- Good polish properties
- Good Anodizing and Hard corrosion resistance in many applications
- Corrosion Resistance- Excellent corrosion resistance in many applications
- Low density offers a 5% weight savings over other cast products
- Very consistent hardness and mechanical properties throughout its entire thickness range, regardless of size