

BILLET CASTING

Consumables - THIMBLES AND T-PLATES

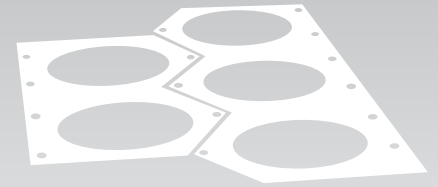


Description:

RODABELL provides “Thimbles” & “T-plates” designed and manufactured by our partner Permtech from its fused silica materials.

Permtech is the only preferred and recommended OEM supplier of pre-cast thimbles for Wagstaff billet casting tables. Their fused silica thimbles are inert to molten aluminum and its alloys; they provide high strength even at elevated temperatures. Permtech thimbles are engineered to OEM specifications to assure precision cast parts for both horizontal and vertical table designs. Permtech & Rodabell engineers and billet casting specialist offer in-plant expertise, which we gained over many years of experience.

PermaPlate, the commercial name for our “T-plates” represent a breakthrough in billet casting technology allowing us to reduce the total cost of casting billets. PermaPlate is the new critical mold component for reducing casting scrap and shortening casting pit turnaround time. As the original developer and leading producer of precast ceramic transition plates, Permtech has taken the performance of transition plates to a higher level.



Application:

Consumable billet casting mold for casting technologies “hot top”.

Advantages:

- Non-sticking and non-shrinking properties
- Resistance to oil penetration
- Precision geometry
- Low thermal conductivity
- Minimize re-coating plates between cast
- No messy messy graphocote
- Faster pit turn around time
- Eliminate re-tightening of retaining rings
- Offered in traditional precast fused silica formula and the new low density LD70