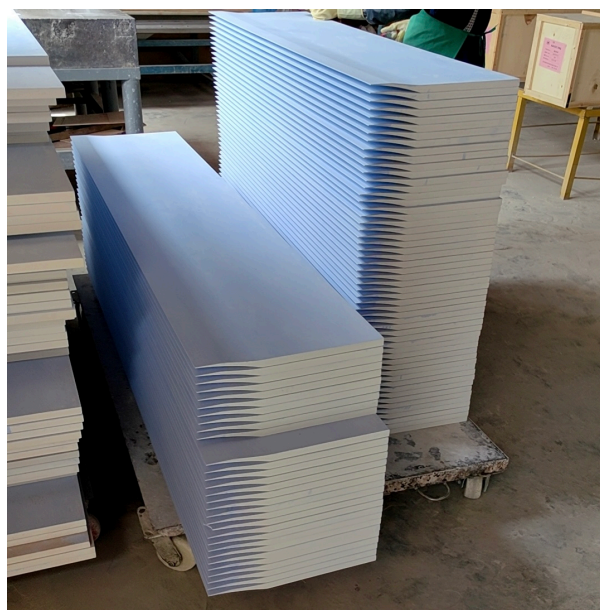


## Casting Tips and Nozzles with Boron Nitride coating In Aluminum sheet casting and rolling process

Hengrui H-temperature Casting Tips and Nozzles excel in high-temperature applications, The proper installation and precise adjustment of continuous casting tips and nozzles play a crucial role in the aluminum sheet casting and rolling process, directly impacting the surface quality of the cast-rolled strips. As a core component in cast-rolling production, the cast-rolling nozzle (particularly the feeding nozzle) optimizes internal fluid dynamics by equalizing the metal flow velocity across the nozzle outlet cross-section while maintaining temperature uniformity. This enhancement significantly improves the final surface quality of cast-rolled sheets.

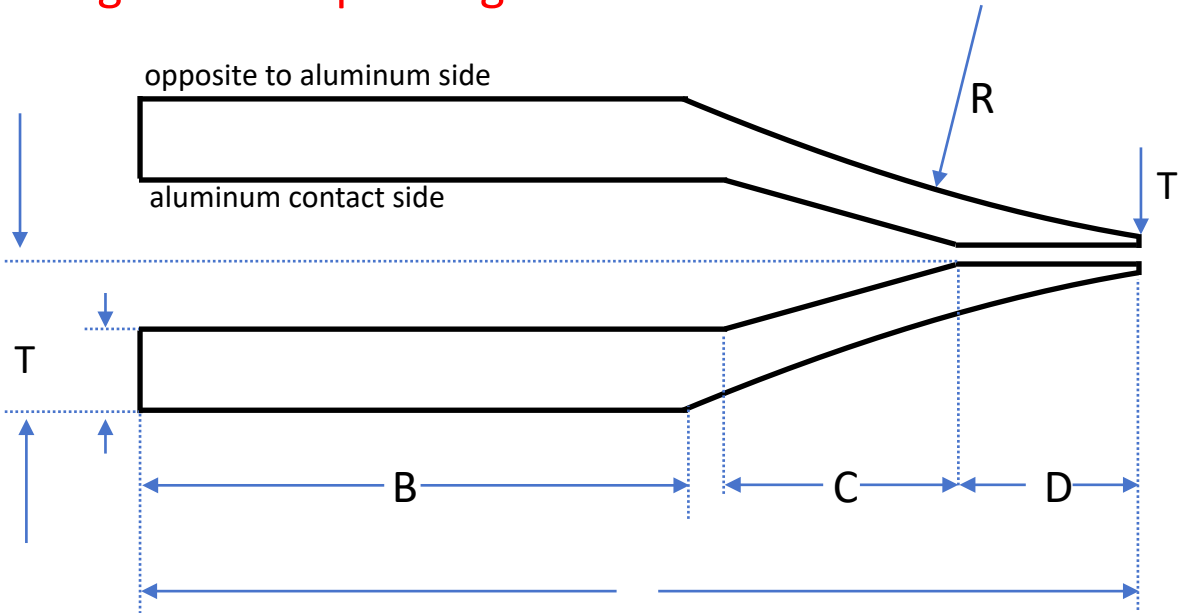


### TECHNICAL DATA OF Ceramic Fiber Continuous Casting Tips and Nozzles

Property		
Continuous using temperature °C		1000
Maximum using temperature °C		1260
Density (kg/m <sup>3</sup> )		500-650
Modulus of rupture (Mpa)		3.5
Compression strength (Mpa)		1.72
Thermal conductivity (W/m.k)		
	700	0.1
Materials (%)		
	SiO <sub>2</sub>	68
	Al <sub>2</sub> O <sub>3</sub>	28
	Fe <sub>2</sub> O <sub>3</sub>	0.16

\*Classification temperature of the fibers used

## Using the example diagram



## Size

Common specifications and sizes			
ITEM	TYPE1	TYPE2	TYPE3
A(MM)	350	370	380
B(MM)	225	245	260
C(MM)	65	70	65
D(MM)	50	50	50
R(MM)	500	500	425
T1(MM)	16	18	18
T2(MM)	24	26.5	24.5
T3(MM)	2	3	2
Length(MM)	1500/1600/1700		

## Export Wooden Crate Packaging Solution

### 1. Material Compliance

- Use kiln-dried plywood (ISPM-15 certified) to meet international phytosanitary standards.
- No chemical treatment required for customs clearance.

### 2. Customized Dimensional Planning

- Measure product dimensions (L×W×H) with 5cm clearance allowance.

- Reinforce corners with 2cm thick wooden battens for structural integrity.

### 3. Protective Cushioning

- Line interior with 3cm high-density EPS foam boards (blue anti-static variant recommended).
- Implement double-layer foam for fragile components (minimum 5cm thickness).

### 4. Secure Assembly

- Use stainless steel corner brackets and waterproof strapping ( $\geq 25\text{mm}$  width).
- Apply "Fragile" and "This Side Up" labels in compliance with ISO 780 standards.

### 5. Quality Control

- Conduct 1.2m drop test before shipment.
- Provide moisture-proof PE lining for humid climates.

