

# Y-Pattern Slurry Valve for Abrasive Materials

This Y-pattern slurry valve is designed for abrasive materials, offering exceptional durability. Divided into left and right parts with a replaceable seat, it provides reliable control of slurry in industries like alumina, metallurgy, and mining.



## ADDITIONAL IMAGES



## Product Overview

### Industrial Slurry Control

This Y-pattern slurry valve is engineered for demanding applications involving abrasive materials, high pressure, and erosion-prone environments. It features a split-body geometric design optimized for flow efficiency, ensuring minimal internal turbulence. With hardened sealing surfaces and anti-corrosion protection, this valve delivers long-term reliability in critical mining, chemical, and metallurgical processing.

## Technical Specifications

Size Range	DN50 to DN500 (NPS2 to NPS20)
Pressure Class	Class 150 to Class 600
Maximum Temperature	425
Connection Standards	ASME B16.5, GB/T9113, Flange

## Construction & Materials

Body Materials	Carbon Steel, Stainless Steel
Sealing Surface	Alloy (Full Stellite or Tungsten Carbide overlay)

## Performance Features

### Key Capabilities

- Abrasion and erosion resistant
- Anti-scabbing performance
- Replaceable valve seat
- Rotation-resistant stem
- Anti-washing internal protection

### Operating Modes

Pneumatic • Manual • Electric

## Applications

### Target Industries

Alumina, Metallurgy, Chemical Fertilizer, Mining, Paper-making