

Hemispherical Pressure Vessel Head

This hemispherical head is designed as an end cap for pressure vessels, tanks, and pipelines. Its hemispherical shape ensures optimal strength and even stress distribution under pressure.



Product Overview

Hemispherical Pressure Vessel Head

This hemispherical head is engineered as a robust end cap for pressure vessels, tanks, and pipelines, designed to handle demanding industrial environments. Its hemispherical geometry ensures optimal strength and uniform stress distribution under high pressure, making it a reliable choice for critical containment. The smooth interior surface is specifically crafted to minimize flow resistance and prevent debris accumulation, ensuring efficient operation in sensitive systems.

Technical Details

Key Performance Feature

Optimal Stress Distribution • Low Flow Resistance

Material Composition

Carbon Steel, Stainless Steel, Alloy Steel

Installation Method

Welding

Applications

Primary Industries

- Chemical Processing
- Oil and Gas
- Water Treatment