

Technical Overview: Industrial Pipe Fitting with Stabilizer

Component Description

This document details the red, industrial-grade pipe fitting component shown in the imagery. This variation includes a specialized **stabilizing stand/foot**, differentiating it from standard straight-through couplings.

Key Structural & Functional Features

- **Material:** Durable, high-impact industrial polymer, designed for harsh field environments.
- **Stabilizing Foot:** Features a fixed, angled base plate (foot) that allows the pipe section to be securely placed on the ground. This provides stability, preventing the pipe from rolling or shifting during operation.
- **Bail Handle Mechanism:** Retains the pivoted U-shaped handle for quick manipulation and installation.
- **Integrated Port:** Includes a smaller threaded port on top, likely for pressure gauge attachment, air release valves, or sprinkler connection, depending on the specific system configuration.

Application Context

The combination of the stabilizer and the integrated port suggests specialized utility in irrigation networks:

- **Sprinkler Riser Base:** This component is likely used as a base unit for elevated sprinkler heads, where the foot provides ground stability and the threaded port allows for the vertical riser connection.
- **Portable Irrigation Networks:** Facilitates the rapid setup of stable, reliable distribution points across agricultural fields.