

Pneumatic Hydraulic Quick Connect Coupling ISO7241-1B

This pneumatic hydraulic quick connect coupling features poppet valves to prevent uncoupled leakage. The valves open automatically when coupled within the rated working pressure to maintain flow.



Product Overview

High-Performance Quick Connect Coupling

This KZF series quick connect coupling is engineered for both pneumatic and hydraulic applications, adhering to the ISO7241-1B standard for universal compatibility. Featuring a robust ball-locking mechanism and precision-machined components, it ensures secure connections and durability in demanding industrial environments. The integrated poppet valve design facilitates automatic flow upon coupling while preventing fluid loss during disconnection, making it an ideal solution for hydraulic lines, chemical water, steam, and gas transfer systems.

Technical Standards

ISO Standard	ISO7241-1B
Compatible Series	PARKER 60 Series, FASTER HNV Series, AEROQUIP FD45 Series, HANSEN HK Series

Design & Construction

Durability Features

Hardened critical parts • Corrosion resistant • Precision machined

Valve Mechanism	Double Shut-Off Poppet Valves
Locking Mechanism	Ball-locking
Construction	Precision machined from solid bar stock

Applications

Compatible Media

- Hydraulic fluid
- Chemical water
- Steam
- Gases

Primary Use Cases

- Hydraulic fluid lines
- Equipment maintenance
- Fluid transfer lines
- Pneumatic systems