# HT-SERIES ISO16028 COUPLER




** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

DATE
: 11/23/2026 06:40 PM

SKU
: 27610

BRAND
: DIXON VALVE

MODEL
: RD-4HTF4

Applications:
Used in equipment for oilfield, industrial hydraulic, and construction
Specifications:
Rated pressure for connected Steel Coupler and Steel Plug: 5,000 PSI (345 bar) Maximum Working and 20,000 PSI (1,379 bar) burst
Rated pressure for uncoupled Steel Coupler: 5,000 PSI (345 bar) Maximum Working and 20,000 PSI (1,379 bar) burst
Features:
High flow performance, compact profile
Easily rebuildable
DORS (dual opposing retention spheres) retention system prevents valve stem ejection during surge flow and pressure spike conditions.
Construction:
Machined components are manufactured using solid bar stock
Stainless steel balls, retaining rings and springs maximize corrosion resistance and extend service life.
Steel componentry is plated using ROHS Compliant Trivalent Chrome.
Steel coupler sleeves are hardened to resist deformation and maximize service life.
Couplers have polyurethane valve stem O-Ring, with a temperature range of-65° to +212°F
Ancillary coupler seals are Nitrile (Buna-N), with a temperature range of-40°F to +250°F
PTFE or TPC-ET Anti-Extrusion ring protects main coupling valve seal from dynamic impulse pressure damage.
Available Options:
Contact Dixon for all available option adders
Standard seal options include: FKM, EPDM, FDA FKM, Mil-Nitrile, Fuel Nitrile and Silicone
Kalrez® seal options include: 4079, 6375 and 7075
Oxy-clean treatment is available



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Compatibility & Interchange Data:

Interchangeable to ISO16028

Conforms to ISO16028 interchange standard interchangeable with Eaton/Hansen FF, Parker FEM, Snap-tite 74, Faster FFH/2FFN/2FFI, Stucchi A/FIRG and Holmbury HQ/A/FIMC

Safety notes:

WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Body Size** | 1/2" |
| **Hex** | 1-3/16" |
| **Length** | 3.02" (76.7mm) |
| **Mandatory Pkg/Box Qty** | 4 |
| **Material** | Steel |
| **Maximum OD** | 1.54" (39.1mm) |
| **Factory Part Number** | RD-4HTF4 |
| **Thread** | Female NPTF |
| **Thread Size** | 1/2"-14 |
| **Working Pressure** | See Product Details |



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