

# Hydraulic Quick Couplings

## High Flow

# HO Series

## Non-Valved, High Pressure

Manual sleeve, sleeve lock



HO series couplings are high flow, high pressure, steel couplings for a wide variety of applications. Electroless nickel plating provides corrosion resistance.

### Features:

- Steel material with electroless nickel plating
- Nitrile seals with PTFE back up ring
- No valving, unrestricted flow
- Standard sleeve lock guards against accidental disconnection
- Rated pressures up to 15,000 psi

### Applications:

- Paper and pulp processing
- Refinery systems
- Testing systems

### Specifications

Body Size	1/4	3/8	1/2
Rated Pressure (PSI)	15,000	15,000	10,000
Rated Flow (GPM)	3	6	12
Temperature Range (std seals)	-40° to +250°F		



### Couplers



Body Size	Part Number	Thread Size	Overall Length	Largest Diameter	Wrench Flats	Weight (lbs.)	Dust Plug Rubber
1/4	HO-251-4FP	1/4-18 NPTF	1.67	1.06	0.94	0.24	TR-37
3/8	HO-371-6FP	3/8-18 NPTF	1.67	1.06	0.94	0.22	TR-37
1/2	HO-501-8FP	1/2-14 NPTF	2.03	1.62	1.25	0.52	DP-50

### Optional Seal Materials:

Code	Description	Part Number Example
suffix <b>-E5</b>	Ethylene Propylene seal material- EPR (Couplers)	HO-371-6FP-E5
suffix <b>-E4</b>	Fluorocarbon seal material (Couplers)	HO-371-6FP-E4
suffix <b>-E12</b>	Neoprene seal material (Couplers)	HO-371-6FP-E12

To select proper seal materials, see Fluid Compatibility Chart or contact QCD Contact QCD for availability..

### Nipples



Body Size	Part Number	Thread Size	Overall Length	Exposed Length	Largest Diameter	Wrench Flats	Weight (lbs.)	Dust Plug Rubber
1/4	HO-252-4FP	1/4-18 NPTF	1.40	0.66	0.94	0.81	0.10	TR-37
3/8	HO-372-6FP	3/8-18 NPTF	1.44	0.70	1.08	0.94	0.12	TR-37
1/2	HO-502-8FP	1/2-14 NPTF	2.03	0.86	1.30	1.12	0.26	DP-50