

ISO 16028 Interchange Couplings Connect Under Pressure Female



Series: A-HD

Interchange: ISO 16028

Female coupling "A-HD" series is the Stucchi solution to the problem of the connection in the presence of high internal residual pressure. The Stucchi internal valving allows the "A-HD" series to solve the problem of manual connections in the presence of high residual pressure. The "A-HD" series Female Couplers are in accordance with **ISO 16028** for interchangeability & performance.

Connect Under Residual Pressure Female Coupler

- **Visual ID: Black Ring on Coupler Face**
- Zinc Plated Hardened Steel
- Seals: Nitrile / Teflon Standard
- NPT-SAE Standard Ports, Others per request
- Connect with ISO 16028 Nipple
- Connect up to **1595 psi** residual pressure

Overview: Stucchi A-HD (formerly ASP) Series Female Couplings will connect by hand with residual pressure of 1500 psi locked in the hydraulic circuit. It will connect with residual pressure without releasing any fluid into the environment. The mating circuit will need to be without residual pressure.* Contact your customer service rep for more details.

Applications: Mobile equipment & attachment tools where exposure to the sun, or temperature change causes pressure to develop due to thermal expansion of trapped fluid. Any application where static pressure can get locked into the system.

Advantages:

- Visual ID: Black Ring on Face of Coupler
- Connects Under Pressure by hand: 1595 psi
- No air inclusion during connection
- Bi-Directional Flow
- Elimination of fluid loss during connection or disconnection.
- Easily cleaned before connection
- Interchangeable with ISO 16028

Operation: To Connect, wipe the mating surfaces clean, align the coupling & nipple, push together. To Disconnect, pull back the sleeve on the female and the couplers release.

Stucchi Series	Nominal Size Inches	ISO Size MM	MAX OPERATING PRESSURE COUPLED bar	MAX OPERATING PRESSURE COUPLED PSI
A13HD	1/2	12.5	330	4714



Interchange: Female Connect Under Pressure ISO 16028 Interchange Series: A-HD

Part	Body Size	Port Size	Thread Type	Order Code	Part Description
Coupler	1/2	1/2	NPT	806801000	F. A13HD 1/2 NPT
Coupler	1/2	3/4	NPT	806801002	F. A13HD 3/4 NPT
Coupler	1/2	3/4	SAE	806804000	F. A13HD 3/4 SAE
Coupler	1/2	5/8	SAE	806804006	F. A13HD 5/8 SAE
Coupler	1/2	5/8	JIC BH	806806000	F. A13HD 5/8 JIC BH



Visual Identification:

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Black Ring on the Face of the Coupler