


## MannTek Dry Aviation Couplers - Hose Unit

**Application:**

- designed for use in aviation refueling systems

**Features:**

- working pressure: **150 PSI** at ambient temperature **70°F (21°C)**
- composite (Polyeten PE-HD 300) plug provides good protection in harsh environments
- accepts international standard 2½" point bayonet, hose end refueling nozzles according to: ISO45 / MS24484 / STANAG 3105 / British Aerospace Spec. 2C14, **they are not configured for under-wing refueling** 
- gunmetal coupling ring minimizes the risk of seizure
- riveted piston pin minimizes risk of failure under extreme pressure conditions
- protective ring is a specially formulated, weather resistant and electrically conductive rubber compound

**Materials:**

- body: high strength aluminum
- coupling ring: gunmetal (*produced to U.S. government bronze specification G*)
- bayonet flange and inner parts: stainless steel, aluminum
- all wetted parts are aluminum and stainless steel
- stainless steel ball bearings
- stainless steel shaft journal embedded in PTFE eliminates seizure
- PTFE bearings between the driving plate and piston guide eliminate the risk of seizure

### Coupler x Female NPT

Female NPT	Body Size	Aluminum Part #
2½"	ISO 45	<b>DAC250AL</b>
3"	ISO 45	<b>DAC300AL</b>

### Coupler x Female BSP

Female BSP	Body Size	Aluminum Part #
2½"	ISO 45	<b>DAC250ALBSP</b>
3"	ISO 45	<b>DAC300ALBSP</b>



### Dust Plug for Couplers

Size	Body Size	Polyeten PE-HD300 Part #
2½"	ISO 45	<b>DADP250</b>

