

# PNEUMATICS



## QUICK DISCONNECTS



- Universal
- ARO 210
- Lincoln
- Industrial
- Automotive
- ST Series - High Flow

**INDUSTRIAL INTERCHANGE**

- Couplers are brass or plated steel body with brass or steel valves, 6 steel locking balls, NBR seal and stainless steel springs
- 6 Steel locking balls (1/2" body size has 8 steel locking balls)
- Plugs are brass or steel with green blue zinc plating
- Industry standard design for compressed air, water, grease, paint, limited vacuum and limited gases
- Manual retract for connecting and disconnecting
- Maximum working pressure is 250 PSI

**BRASS FEMALE COUPLER**



Part#	Body Size	Thread Size	
28-540	1/4"	1/4"	----
28-541	1/4"	3/8"	----

**BRASS MALE COUPLER**



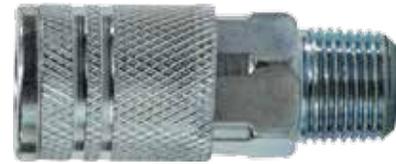
Part#	Body Size	Thread Size	
28-552	1/4"	1/4"	----
28-553	1/4"	3/8"	----

**STEEL FEMALE COUPLER**



Part#	Body Size	Thread Size	
28-540S	1/4"	1/4"	----
28-541S	1/4"	3/8"	----
98-810	3/8"	1/4"	----
98-811	3/8"	3/8"	----
98-812	3/8"	1/2"	----
99-812	1/2"	1/2"	----
99-813	1/2"	3/4"	----

**STEEL MALE COUPLER**



Part#	Body Size	Thread Size	
28-552S	1/4"	1/4"	----
28-553S	1/4"	3/8"	----
98-823	3/8"	1/4"	----
98-824	3/8"	3/8"	----
98-825	3/8"	1/2"	----
99-825	1/2"	1/2"	----
99-826	1/2"	3/4"	----

**BRASS HOSE ID COUPLER**



Part#	Body Size	Barb Size	
28-562	1/4"	1/4"	----
28-564	1/4"	3/8"	----

**STEEL HOSE ID COUPLER**



Part#	Body Size	Barb Size	
28-562S	1/4"	1/4"	----
28-564S	1/4"	3/8"	----
98-840	3/8"	1/4"	----
98-841	3/8"	3/8"	----
99-841	1/2"	3/8"	----
99-843	1/2"	1/2"	----

**BRASS PUSH-ON HOSE COUPLER**



Part#	Body Size	Barb Size	
28-565	1/4"	1/4"	----
28-566	1/4"	3/8"	----

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# INDUSTRIAL

# QUICK DISCONNECTS

## STEEL PUSH-ON HOSE COUPLER



Part#	Body Size	Barb Size	
28-565S	1/4"	1/4"	----
28-566S	1/4"	3/8"	----
98-842	3/8"	3/8"	----

## STEEL MALE PLUG



Part#	Body Size	Thread Size	
28-545	1/4"	1/8"	----
28-546	1/4"	1/4"	----
28-547	1/4"	3/8"	----
98-814	3/8"	1/4"	----
98-815	3/8"	3/8"	----
99-816	1/2"	1/2"	----
99-817	1/2"	3/4"	----

## STEEL FEMALE PLUG



Part#	Body Size	Thread Size	
28-533	1/4"	1/8"	----
28-534	1/4"	1/4"	----
28-535	1/4"	3/8"	----
98-801	3/8"	1/4"	----
98-802	3/8"	3/8"	----
99-803	1/2"	1/2"	----
99-804	1/2"	3/4"	----

## BRASS MALE PLUG



Part#	Body Size	Thread Size	
28-546B	1/4"	1/4"	----

## BRASS FEMALE PLUG



Part#	Body Size	Thread Size	
28-534B	1/4"	1/4"	----

## STEEL HOSE ID PLUG



Part#	Body Size	Barb Size	
28-557	1/4"	1/4"	----
28-559	1/4"	3/8"	----
98-828	3/8"	3/8"	----
99-828	1/2"	3/8"	----
99-830	1/2"	1/2"	----

## STEEL PUSH-ON HOSE PLUG



Part#	Body Size	Barb Size	
28-558	1/4"	1/4"	----
28-561	1/4"	3/8"	----
98-830	3/8"	3/8"	----

## STEEL SWIVEL MALE PLUG



Part#	Body Size	Thread Size	
320-065	1/4"	1/4"	----

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**UNIVERSAL SERIES COUPLERS**

- Automatic Coupler means flow will cut off automatically at time of disconnect
- Brass Couplers have brass body and brass sleeve with brass valve, 6 steel locking balls, NBR seal and 6 stainless steel springs.
- Stainless Steel Couplers have stainless steel body and stainless steel sleeve with stainless steel valve, 6 steel locking balls, FKM seal, and stainless steel springs
- Coupler compatible with ARO 210, Parker Interchange and Industrial Interchange plugs
- Maximum working pressure is 250 PSI

**BRASS MALE COUPLER**



Part#	Body Size	Thread Size	
28-579	1/4"	1/4"	----
28-589	1/4"	3/8"	----

**BRASS FEMALE COUPLER**



Part#	Body Size	Thread Size	
28-560	1/4"	1/4"	----

**BRASS HOSE ID COUPLER**



Part#	Body Size	Barb Size	
28-690	1/4"	1/4"	----
28-691	1/4"	3/8"	----

**STAINLESS STEEL MALE COUPLER**



Part#	Body Size	Thread Size	
28-579SS	1/4"	1/4"	----

**STAINLESS STEEL FEMALE COUPLER**



Part#	Body Size	Thread Size	
28-560SS	1/4"	1/4"	----

**STAINLESS STEEL INDUSTRIAL MALE PLUG**



Part#	Body Size	Thread Size	
28-546SS	1/4"	1/4"	----

**STAINLESS STEEL INDUSTRIAL FEMALE PLUG**



Part#	Body Size	Thread Size	
28-534SS	1/4"	1/4"	----

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**ARO 210 INTERCHANGE**

- Couplers have brass bodies and brass valves, 6 steel locking balls, NBR seal, and stainless steel springs
- Plugs are steel with green blue zinc plating
- Couplers have a full opening tubular valve for maximum flow and a built-in sleeve guard to minimize accidental disconnect
- Maximum working pressure is 250 PSI

**MALE COUPLER**



Part#	Body Size	Thread Size	
28-592	1/4"	1/8"	----
28-593	1/4"	1/4"	----
28-594	1/4"	3/8"	----

**MALE PLUG**



Part#	Body Size	Thread Size	
28-586	1/4"	1/8"	----
28-587	1/4"	1/4"	----

**FEMALE COUPLER**



Part#	Body Size	Thread Size	
28-583	1/4"	1/8"	----
28-584	1/4"	1/4"	----
28-585	1/4"	3/8"	----

**FEMALE PLUG**



Part#	Body Size	Thread Size	
28-578	1/4"	1/4"	----

**HOSE ID COUPLER**



Part#	Body Size	Barb Size	
28-601	1/4"	1/4"	----
28-603	1/4"	3/8"	----

**HOSE ID PLUG**



Part#	Body Size	Barb Size	
28-595	1/4"	1/4"	----
28-597	1/4"	3/8"	----

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**AUTOMOTIVE/ PARKER INTERCHANGE (Tru-Flate)**

- Brass couplers are brass bodies with brass valves, 6 steel locking balls, NBR seal, and stainless steel springs. Steel couplers are steel bodies with steel valves, 6 stainless steel locking balls, NBR seal, and stainless steel springs.
- Plugs are brass or steel with green blue zinc plating
- Unique design has been field proven as a long-lasting, high performance coupling especially when used with pneumatic tools
- Maximum working pressure is 300 PSI

**BRASS MALE COUPLER**



Part#	Body Size	Thread Size	
28-515	1/4"	1/8"	----
28-516	1/4"	1/4"	----
28-517	1/4"	3/8"	----

**BRASS FEMALE COUPLER**



Part#	Body Size	Thread Size	
28-507	1/4"	1/4"	----
28-508	1/4"	3/8"	----

**STEEL MALE COUPLER**



Part#	Body Size	Thread Size	
28-516S	1/4"	1/4"	----
28-514S	3/8"	1/4"	----
28-519S	3/8"	3/8"	----

**STEEL FEMALE COUPLER**



Part#	Body Size	Thread Size	
28-507S	1/4"	1/4"	----
28-525S	3/8"	1/4"	----
28-526S	3/8"	3/8"	----

**BRASS MALE PLUG**



Part#	Body Size	Thread Size	
28-510B	1/4"	1/4"	----

**BRASS FEMALE PLUG**



Part#	Body Size	Thread Size	
28-501B	1/4"	1/4"	----

**STEEL MALE PLUG**



Part#	Body Size	Thread Size	
28-509	1/4"	1/8"	----
28-510	1/4"	1/4"	----
28-511	1/4"	3/8"	----
28-512	3/8"	1/4"	----
28-513	3/8"	3/8"	----

**STEEL FEMALE PLUG**



Part#	Body Size	Thread Size	
28-500	1/4"	1/8"	----
28-501	1/4"	1/4"	----
28-502	1/4"	3/8"	----
28-503	3/8"	1/4"	----
28-504	3/8"	3/8"	----

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## AUTOMOTIVE/ PARKER INTERCHANGE

## QUICK DISCONNECTS

### HOSE ID COUPLER



Part#	Body Size	Barb Size	
28-528	1/4"	1/4"	----
28-530	1/4"	3/8"	----
28-536	3/8"	1/4"	----
28-538	3/8"	3/8"	----

### HOSE ID PLUG



Part#	Body Size	Barb Size	
28-518	1/4"	1/4"	----
28-520	1/4"	3/8"	----
28-523	3/8"	1/4"	----
28-524	3/8"	3/8"	----

### PUSH-ON HOSE COUPLER



Part#	Body Size	Barb Size	
28-531	1/4"	1/4"	----
28-532	1/4"	3/8"	----

### PUSH-ON HOSE PLUG



Part#	Body Size	Barb Size	
28-521	1/4"	1/4"	----
28-522	1/4"	3/8"	----

## LINCOLN INTERCHANGE

- Couplers have brass bodies with steel sleeves, Acetal valves, 6 steel locking balls, Nitrile seal and stainless steel springs
- Plugs are steel with green blue zinc plating
- Manual style
- Unique design includes long nose and short ball groove
- Maximum working pressure is 250 PSI

### MALE COUPLER



Part#	Body Size	Thread Size	
28-683	1/4"	1/4"	----

### STEEL MALE PLUG



Part#	Body Size	Thread Size	
28-685	1/4"	1/8"	----
28-686	1/4"	1/4"	----

### FEMALE COUPLER



Part#	Body Size	Thread Size	
28-684	1/4"	1/4"	----

### STEEL FEMALE PLUG



Part#	Body Size	Thread Size	
28-687	1/4"	1/4"	----

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**ST SERIES...HIGH FLOW**

**SPECIFICATIONS**

Brass - Coupler & Steel Plug

Temperature Range	-40° to 250°	
Rated Pressure	4650	2350

- Non-valved couplings for applications where maximum flow is required. Ideal for applications such as high pressure water and steam washers, carpet cleaners and mold coolant lines. They are often used in food processing, on fluid and dye transfer lines.
- Standard seals are Buna-N (Nitrile).

**MALE PIPE COUPLER**

**BRASS**



Part #	Body & Thread Size	
28-667	1/8"	----
28-665	1/4"	----
28-666	3/8"	----
28-668	1/2"	----
28-669	3/4"	----
28-670	1"	----

**FEMALE PIPE COUPLER**

**BRASS**



Part #	Body & Thread Size	
28-671	1/8"	----
28-651	1/4"	----
28-652	3/8"	----
28-672	1/2"	----
28-673	3/4"	----

**MALE PLUG**

**STEEL**



Part #	Size	
28-675	1/8"	----
28-639	1/4"	----
28-640	3/8"	----
28-676	1/2"	----
28-677	3/4"	----

**FEMALE PLUG**

**STEEL**



Part #	Size	
28-688	1/8"	----
28-619	1/4"	----
28-620	3/8"	----
28-679	1/2"	----
28-680	3/4"	----
28-681	1"	----

**MOLD COOLANT-LINE QUICK COUPLERS**

**OPERATING PRESSURE:**

200 PSIG (14.06 Kg/sq. cm)

**Standard Seal:**

**SILICONE:** -90°F to 400°F (-68°C to + 205°C)

- Coolant couplers are engineered for optimum speed and performance in connecting coolant lines to molds used for thermoplastic, thermo-setting, blow molding, diecasting and on other types of tooling and equipment utilizing a constant fluid flow pumped through cooling channels.



**MALE PLUG (BRASS)**

**1/4" BASIC SIZE**

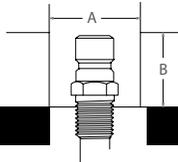
Part #	Size	A	B	
29-900	1/8"	0.69	0.69	----
29-901	1/4"	0.84	0.94	----
29-902	3/8"	1.00	0.97	----

**3/8" BASIC SIZE**

Part #	Size	A	B	
29-906	1/4"	1.00	0.94	----
29-907	3/8"	1.00	1.13	----
29-908	1/2"	1.81	1.25	----

**1/2" BASIC SIZE**

Part #	Size	A	B	
29-911	1/2"	1.25	1.50	----
29-912	3/4"	1.50	1.56	----



**FEMALE PLUG (STEEL)**

**1/4" BASIC SIZE**

Part #	Size	
29-903	1/8"	----
29-904	1/4"	----
29-905	3/8"	----

**3/8" BASIC SIZE**

Part #	Size	
29-909	1/4"	----
29-910	3/8"	----

**1/2" BASIC SIZE**

Part #	Size	
29-913	1/2"	----
29-914	3/4"	----

**MINI TYPE QUICK DISCONNECTS**

**MALE COUPLER**



Part #	Size	
28-605	1/8"	----

**FEMALE PLUG**



Part #	Size	
28-608	1/8"	----

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