

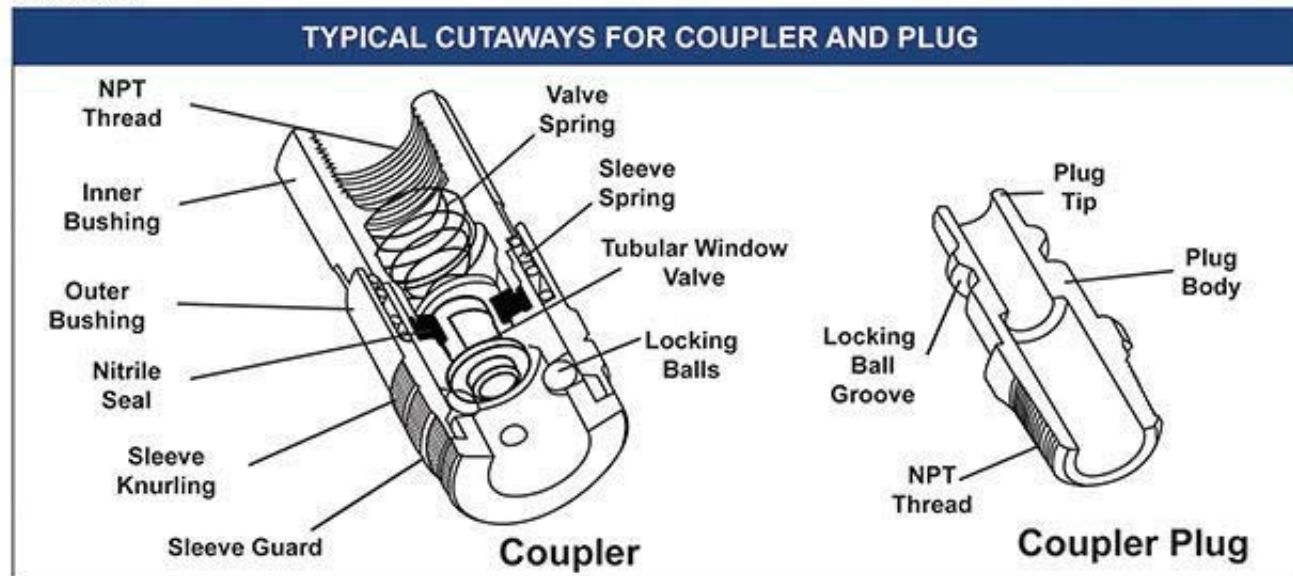
## STANDARD SLEEVE QUICK DISCONNECT COUPLERS

**COUPLER DESIGN:** Sleeve couplers are most reliable means of joining pneumatic and fluid transfer lines. They have a compact design which uses a ball locking mechanism consisting of captive steel balls that engage the locking groove on the mating plug. The sliding spring loaded sleeve on the coupler must be manually retracted in order to connect or disconnect the plug.

**INTERCHANGEABILITY:** Sleeve couplers are manufactured to insure interchangeability with other manufacturers couplers and plugs (see comparison charts on page 5). The following standard interchanges are available: Industrial interchange (Hansen®) series, Automotive (Tru-Flate®) series, ARO® series, Lincoln® series, Diamond-U®, and the Straight through (No-valve) series.

**VARIABLE SIZES:** Available body sizes range from 1/4" through 1/2". The 1/4" couplers are machined from steel or brass bar stock. The 3/8" and 1/2" couplers are machined from steel bar stock. End terminations are available in both male and female pipe threads, standard and easy-lock hose barb connections. Usually for 1/4", 3/8" and 1/2" couplers each have 4, 6 and 8 locking balls respectively. The model number ending in letter "B" feature Brass construction while others are made of Steel.

### FEATURES:



- 1) Plugs are plated steel with hardened wear points. Precision machined bar stock construction provides resistance to the effects of mechanical shock in rugged applications.
  - 2) The tubular valve design with large window flow passages delivers high flow with minimal pressure drop. This valve design provides 360 degree support to both the valve seal and the mating nipple.
  - 3) Seals, molded from Buna-N (Nitrile), form a "Bubble Tight" seal for reliable operation within rated working pressure.
  - 4) The locking ball mechanism is a proven design with hardened steel balls for long wear, and accurate alignment of coupler and plug. The 1/4" couplers have 4 locking balls, 3/8" and 1/2" couplers have 8 locking balls evenly spaced to distribute the load and reduce wear.
  - 5) The sleeve guard is machined into the body to protect the sleeve and resist accidental disconnects.
  - 6) The sleeve knurling and grooves provide a gripping surface for ease of operation.
  - 7) The low tolerance machining of locking ball cage allows the precise placement of locking balls inside the groove of plug.
- Quick Disconnect Couplers and Plugs are the fastest, easiest, and most reliable means of connecting air and low pressure fluid lines.

Common applications include: compressed air, water, grease, paint, limited vacuum and limited compressed gas applications.

**WARNING:** The quick disconnect couplers and plugs in this catalog are intended for use on compressed air and fluid transfer lines and have a maximum working pressure of 300 PSI.

## 1/4" BRASS & STEEL BODY INDUSTRIAL INTERCHANGE (HANSEN®) COUPLERS & PLUGS

Interstate Pneumatics Industrial Interchange series Quick Disconnect Couplers and Plugs are manufactured to conform with MIL-C41 09 and ANSI(NFPA) T3.20.1 4-1990 requirements, and are interchangeable with Industrial Interchange Couplers and Plugs produced by other manufacturers. Precision machined construction provides resistance to the effects of mechanical shock in rugged applications. Maximum working pressure 300 PSI.

### SALIENT FEATURES:

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Yellow Zinc plated	Brass/Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with the thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CH420B</b> Brass	1/8"		<b>CH421B</b> Brass	1/8"
	<b>CH440B</b> Brass	1/4"		<b>CH441B</b> Brass	1/4"
	<b>CH440BS</b> Narrow profile 6 bearing design Brass	1/4"		<b>CH441BS</b> Narrow profile 6 bearing design Brass	1/4"
	<b>CH460B</b> Brass	3/8"		<b>CH461B</b> Brass	3/8"
	<b>CH440</b> Steel	1/4"		<b>CH441</b> Steel	1/4"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CH443B</b> Brass	1/4"		<b>CH445B</b> Brass	1/4"
	<b>CH463B</b> Brass	3/8"		<b>CH465B</b> Brass	3/8"
				<b>CH465</b> Steel	3/8"

All of the coupler plugs pictured on the next page have the same body plug size and configuration, designed to precision fit all of the above couplers. The 1/4" body size Industrial Interchange series Coupler Plugs can be used with the Interstate Pneumatic Universal Couplers.

## COUPLER PLUGS

**1/4" BRASS & STEEL BODY YELLOW ZINC PLATED INDUSTRIAL INTERCHANGE (HANSEN®) COUPLER PLUGS**

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPH420</b> Steel	1/8"		<b>CPH421</b> Steel	1/8"
	<b>CPH440</b> Steel	1/4"		<b>CPH441</b> Steel	1/4"
	<b>CPH440B</b> Brass	1/4"		<b>CPH441B</b> Brass	1/4"
	<b>CPH460</b> Steel	3/8"		<b>CPH461</b> Steel	3/8"

END FITTING (EASY-LOCK)	MODEL	BARB SIZE	END FITTING (BARB)	MODEL	BARB SIZE
	<b>CPH445</b> Steel	1/4"		<b>CPH443</b> Steel	1/4"
	<b>CPH465</b> Steel	3/8"		<b>CPH463</b> Steel	3/8"

SWIVEL PLUGS	MODEL	NPT SIZE
	<b>CPHS441</b> Steel	1/4" MPT
	<b>CPHS461</b> Steel	3/8" MPT

## 3/8" BODY STEEL INDUSTRIAL INTERCHANGE (HANSEN®) COUPLERS & PLUGS

Interstate Pneumatic industrial interchange series quick disconnect couplers and plugs are manufactured to conform with MIL-C4109 and ANSI/(NFPA) T3.20.14-1990 requirements, and are interchangeable with industrial interchange couplers and plugs produced by other manufacturers. These couplers are identified by 2 narrow grooves on sleeve. Maximum working pressure 300 PSI.

### SALIENT FEATURES:

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Yellow Zinc plated	Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CH640</b> Steel	1/4"		<b>CH641</b> Steel	1/4"
	<b>CH660</b> Steel	3/8"		<b>CH661</b> Steel	3/8"
	<b>CH680</b> Steel	1/2"		<b>CH681</b> Steel	1/2"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CH663</b> Steel	3/8"		<b>CH665</b> Steel	3/8"

All of the coupler plugs pictured below have the same body size and configuration, designed to precision fit all of the above couplers.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPH640</b> Steel	1/4"		<b>CPH641</b> Steel	1/4"
	<b>CPH660</b> Steel	3/8"		<b>CPH661</b> Steel	3/8"
	<b>CPH680</b> Steel	1/2"		<b>CPH681</b> Steel	1/2"
END FITTING (BARB)	MODEL	BARB SIZE	SWIVEL PLUGS	MODEL	NPT SIZE
	<b>CPH663</b> Steel	3/8"		<b>CPHS641</b> Steel	1/4" MPT
END FITTING (EASY-LOCK)	MODEL	BARB SIZE		<b>CPHS661</b> Steel	3/8" MPT
	<b>CPH665</b> Steel	3/8"			

### 1/4" BODY BRASS & STEEL BLACK PLATED OR "Z" FOR SILVER ZINC AUTOMOTIVE STANDARD (TRU-FLATE) COUPLERS & PLUGS

Interstate Pneumatics Automotive Standard series Quick Disconnect Couplers and Plugs are interchangeable with the Automotive Standard series Couplers and Plugs produced by other manufacturers. Precision machined bar stock construction provides resistance to the effects of mechanical shock in rugged applications. Usually for this series Brass Couplers are identified having 1 wide groove whereas steel having 1 wide & 1 narrow groove on sleeve. Maximum working pressure 300 PSI.

#### SALIENT FEATURES:

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Black Zinc plated	Brass/Steel Black Zinc plated	Steel Hardened & Black Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CA440B</b> Brass	1/4"		<b>CA441B</b> Brass	1/4"
	<b>CA460B</b> Brass	3/8"		<b>CA461B</b> Brass	3/8"
	<b>CA440</b> Steel (Black)	1/4"		<b>CA441</b> Steel (Black)	1/4"
	<b>CA440Z</b> Steel (Silver)	1/4"		<b>CA441Z</b> Steel (Silver)	1/4"
END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CA443B</b> Brass	1/4"		<b>CA445B</b> Brass	1/4"
	<b>CA463B</b> Brass	3/8"		<b>CA465B</b> Brass	3/8"

All of the coupler plugs pictured below have the same body plug size and configuration, designed to precision fit all of the above couplers. The 1/4" body size Automotive Standard series Coupler Plugs can be used with the Interstate Pneumatics Universal Couplers shown on page 15 of this catalog.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPA420</b> Steel (Black)	1/8"		<b>CPA421</b> Steel (Black)	1/8"
	<b>CPA420Z</b> Steel (Silver)	1/8"		<b>CPA421Z</b> Steel (Silver)	1/8"
	<b>CPA440</b> Steel (Black)	1/4"		<b>CPA441</b> Steel (Black)	1/4"
	<b>CPA440Z</b> Steel (Silver)	1/4"		<b>CPA441Z</b> Steel (Silver)	1/4"
	<b>CPA460</b> Steel (Black)	3/8"		<b>CPA461</b> Steel (Black)	3/8"
	<b>CPA460Z</b> Steel (Silver)	3/8"		<b>CPA461Z</b> Steel (Silver)	3/8"

**BLACK PLATED OR "Z" FOR SILVER ZINC**

END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CPA443</b> Steel	1/4"		<b>CPA445</b> Steel	1/4"
	<b>CPA463</b> Steel (Black)	3/8"		<b>CPA465</b> Steel (Black)	3/8"
	<b>CPA463Z</b> Steel (Silver)	3/8"		<b>CPA465Z</b> Steel (Silver)	3/8"

### 1/4" & 3/8" BODY STEEL AUTOMOTIVE SERIES SWIVEL PLUGS

1/4" BODY SWIVEL PLUG	MODEL	NPT SIZE
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**CPAS441**

1/4" MPT

1/4" BODY SWIVEL PLUG	MODEL	NPT SIZE
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**CPAS461**

3/8" MPT

3/8" BODY SWIVEL PLUG	MODEL	NPT SIZE
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**CPAS641**

1/4" MPT

T-STYLE RECAPPER PLUG	MODEL	NPT SIZE
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**CPA4VT2**

1/4" FPT

RECAPPER COUPLER PLUG	MODEL	NPT SIZE
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**CPA4VT2L**  
Longer Version  
50mm Length

1/4" FPT

### 1/4" & 3/8" BODY AUTOMOTIVE COUPLER & PLUG KITS

	MODEL	DESCRIPTION
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**CKA4**

1/4" Automotive Coupler &amp; Plug (Installed CPA441 &amp; CA440)

**CKA6**

3/8" Automotive Coupler &amp; Plug (Installed CPA641 &amp; CA640)

### 1/4" & 3/8" BODY INDUSTRIAL COUPLER & PLUG KITS

	MODEL	DESCRIPTION
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**CKH4**

1/4" Industrial Coupler &amp; Plug (Installed CPH441 &amp; CH440)

**CKH6**

3/8" Industrial Coupler &amp; Plug (Installed CPH641 &amp; CH640)

**3/8" STEEL BLACK PLATED AUTOMOTIVE COUPLERS & PLUGS**

Interstate Pneumatics Automotive Standard series Quick Disconnect Couplers and Plugs are interchangeable with Automotive and Industrial Standard series couplers and plugs produced by other manufacturers. These couplers are identified by 1 wide groove on sleeve regardless of end fitting. Almost all couplers & plugs in this series are machined from steel. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Black plated	Steel Black plated	Steel Hardened & Black plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	65 - 67	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CA640</b> Steel (Black)	1/4"		<b>CA641</b> Steel (Black)	1/4"
	<b>CA640Z</b> Steel (Silver)	1/4"		<b>CA641Z</b> Steel (Silver)	1/4"
	<b>CA660</b> Steel (Black)	3/8"		<b>CA661</b> Steel (Black)	3/8"
	<b>CA660Z</b> Steel (Silver)	3/8"		<b>CA661Z</b> Steel (Silver)	3/8"
	<b>CA680</b> Steel (Black)	1/2"		<b>CA681</b> Steel (Black)	1/2"

END FITTING (BARB)	MODEL	BARB SIZE	END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CA663</b> Steel (Black)	3/8"		<b>CA665</b> Steel (Black)	3/8"
	<b>CA663Z</b> Steel (Silver)	3/8"		<b>CA665Z</b> Steel (Silver)	3/8"

All of the coupler plugs pictured below have the same body size and designed to precision fit all of the above couplers. Interstate Pneumatics Automotive series Quick Disconnect Couplers are interchangeable with both Automotive and Industrial Plugs.



## COUPLER PLUGS

## END FITTING (FPT) MODEL NPT SIZE



**CPA640**  
Steel (Black) 1/4"



**CPA640Z**  
Steel (Silver) 1/4"



**CPA660**  
Steel (Black) 3/8"



**CPA660Z**  
Steel (Silver) 3/8"



**CPA680**  
Steel (Silver) 1/2"

## END FITTING (MPT) MODEL NPT SIZE



**CPA641**  
Steel (Black) 1/4"



**CPA641Z**  
Steel (Silver) 1/4"



**CPA661**  
Steel (Black) 3/8"



**CPA661Z**  
Steel (Silver) 3/8"



**CPA681**  
Steel (Silver) 1/2"

## END FITTING (BARB) MODEL BARB SIZE



**CPA643**  
Steel (Silver) 1/4"



**CPA663**  
Steel (Silver) 3/8"

## END FITTING (EASY-LOCK) MODEL BARB SIZE



**CPA665**  
Steel (Black) 3/8"



**CPA665Z**  
Steel (Silver) 3/8"

## SWIVEL PLUGS MODEL NPT SIZE



**CPAS641** 1/4" MPT

**3/8" YELLOW ZINC PLATED STEEL BODY INDUSTRIAL COUPLER PLUGS**

Interstate Pneumatics Industrial series Quick Disconnect Coupler Plugs are interchangeable with couplers from other manufacturers.

END FITTING (FPT)	MODEL	NPT SIZE
	<b>CPH640</b> Steel	1/4"
	<b>CPH660</b> Steel	3/8"
	<b>CPH680</b> Steel	1/2"

END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPH641</b> Steel	1/4"
	<b>CPH661</b> Steel	3/8"
	<b>CPH681</b> Steel	1/2"

END FITTING (BARB)	MODEL	BARB SIZE
	<b>CPH663</b> Steel	3/8"

END FITTING (EASY-LOCK)	MODEL	BARB SIZE
	<b>CPH665</b> Steel	3/8"

SWIVEL PLUGS	MODEL	NPT SIZE
	<b>CPHS641</b> Steel	1/4" MPT
	<b>CPHS661</b> Steel	3/8" MPT

**1/4" BODY AUTOMATIC 3-IN-1 UNIVERSAL COUPLERS (BRASS/STEEL)**

Interstate Pneumatics Universal Couplers accept 1/4" body Industrial Interchange (Hansen®), Automotive Standard (Tru-Flate®), and ARO® series Coupler Plugs. The 1/4" Universal Coupler is precision machined from bar stock and is available both in brass & steel. The design of this coupler incorporates push-to-connect operation, a machined High-Flow "Window Valve" and a sleeve guard which prevents accidental disconnects and protects the sleeve from damage. Interstate Pneumatics Universal Couplers are available with 1/4" NPT male or female connections. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Brass/Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

To extend service life, keep couplers clean & lubricated. Interstate Pneumatics Air Tool Oil a 10 weight non-detergent part # YL#12-004 is ideal for this purpose.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CG440</b> Steel	1/4"		<b>CG441</b> Steel	1/4"
	<b>CG440B</b> Brass	1/4"		<b>CG441B</b> Brass	1/4"
	<b>CG440PB</b> Body: Aluminum Sleeve: Plastic	1/4"		<b>CG441PB</b> Body: Aluminum Sleeve: Plastic	1/4"

UNIVERSAL COUPLERS ACCEPT INDUSTRIAL, AUTOMOTIVE AND ARO SERIES PLUGS SHOWN BELOW.



**3/8" BODY AUTOMATIC 3-IN-1 UNIVERSAL COUPLERS (STEEL)**

Interstate Pneumatics Universal Couplers accept 3/8" body Industrial Interchange (Hansen®), Automotive Standard (Tru-Flate®), and ARO® series Coupler Plugs. The 3/8" Universal Coupler is precision machined from bar stock. The design of this coupler incorporates push-to-connect operation, a machined High-Flow "Window Valve" and a sleeve guard which prevents accidental disconnects and protects the sleeve from damage. Interstate Pneumatics Universal Couplers are available with 3/8" NPT male or female connections. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	65 - 67	-40°F to +212°F

To extend service life, keep couplers clean & lubricated. Interstate Pneumatics Air Tool Oil a 10 weight non-detergent part # YL#12-004 is ideal for this purpose.

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CG660</b> Steel	3/8"		<b>CG661</b> Steel	3/8"

**ACCEPTS INDUSTRIAL, AUTOMOTIVE AND ARO SERIES PLUGS**  
Universal Couplers shown above accept all of the plugs shown below.



**3/8" Industrial Series (Hansen-Interchange)**



**3/8" Automotive Series Tru-Flate**



## EASY LOCK FITTINGS

**INTERSTATE PNEUMATICS** Easy-Lock Fittings are designed for use with Easy-Lock Hose. The special design of the barb allows it to be secured to Easy-Lock or equivalent hose without using ferrules or hose clamps.

## SOLID FEMALE BARB CONNECTOR



Model #	Sizes
<b>FL044</b>	1/4" FPT X 1/4" Barb
<b>FL046</b>	1/4" FPT X 3/8" Barb
<b>FL066</b>	3/8" FPT X 3/8" Barb

## SWIVEL FEMALE BARB CONNECTOR



Model #	Sizes
<b>FL244</b>	1/4" FPT X 1/4" Barb
<b>FL266</b>	3/8" FPT X 3/8" Barb

## SOLID MALE BARB CONNECTOR



Model #	Sizes
<b>FL144</b>	1/4" MPT X 1/4" Barb
<b>FL146</b>	1/4" MPT X 3/8" Barb
<b>FL166</b>	3/8" MPT X 3/8" Barb
<b>FL188</b>	1/2" MPT X 1/2" Barb

## HOSE BARB SPLICER



Model #	Barb Sizes
<b>FL344</b>	1/4"
<b>FL366</b>	3/8"

## INDUSTRIAL EASY LOCK COUPLERS AND PLUGS

## END FITTING (EASY-LOCK)



## MODEL

## SIZE

<b>CPH445</b>	1/4" Plug
Steel	1/4" Barb
<b>CPH465</b>	1/4" Plug
Steel	3/8" Barb
<b>CPH665</b>	3/8" Plug
Steel	3/8" Barb

## END FITTING (EASY-LOCK)



## MODEL

## SIZE

<b>CH445B</b>	1/4" Coupler
Brass	1/4" Barb
<b>CH465B</b>	1/4" Coupler
Brass	3/8" Barb
<b>CH465</b>	1/4" Coupler
Steel	3/8" Barb
<b>CH665</b>	3/8" Coupler
Steel	3/8" Barb

## AUTOMOTIVE EASY LOCK COUPLERS AND PLUGS

## END FITTING (EASY-LOCK)



## MODEL

## SIZE

<b>CPA445</b>	1/4" Plug
Steel (Silver)	1/4" Barb
<b>CPA465</b>	1/4" Plug
Steel (Black)	3/8" Barb
<b>CPA665</b>	3/8" Plug
Steel (Black)	3/8" Barb

## END FITTING (EASY-LOCK)



## MODEL

## SIZE

<b>CA445B</b>	1/4" Coupler
Brass	1/4" Barb
<b>CA465B</b>	1/4" Coupler
Brass	3/8" Barb
<b>CA665B</b>	3/8" Coupler
Brass	3/8" Barb

**WARNING:** Easy-Lock Fittings are designed to be used only with Easy-Lock hose (or equivalent "Lock-On" type hose).

## 1/4" & 3/8" BODY STEEL INDUSTRIAL INTERCHANGE (HANSEN) SERIES SWIVEL PLUGS

Interstate Pneumatics offers a full line of Industrial Swivel Plugs that fit all Industry Standard, Industrial and Universal Couplers. These plugs are precision machined and use a rubber O-ring seal.

### 1/4" BODY SWIVEL PLUG      MODEL      NPT SIZE



**CPHS441**  
Steel      1/4" MPT

### 1/4" BODY SWIVEL PLUG      MODEL      NPT SIZE



**CPHS461**  
Steel      3/8" MPT

### 3/8" BODY SWIVEL PLUG      MODEL      NPT SIZE



**CPHS641**  
Steel      1/4" MPT

### 3/8" BODY SWIVEL PLUG      MODEL      NPT SIZE



**CPHS661**  
Steel      3/8" MPT

## 1/4" & 3/8" BODY STEEL AUTOMOTIVE SERIES SWIVEL PLUGS

### 1/4" BODY SWIVEL PLUG      MODEL      NPT SIZE



**CPAS441**      1/4" MPT

### 1/4" BODY SWIVEL PLUG      MODEL      NPT SIZE



**CPAS461**      3/8" MPT

### 3/8" BODY SWIVEL PLUG      MODEL      NPT SIZE



**CPAS641**      1/4" MPT

**1/2" YELLOW ZINC PLATED BODY INDUSTRIAL INTERCHANGE COUPLERS & PLUGS**

**INTERSTATE PNEUMATICS** industrial interchange series quick disconnect couplers and plugs are manufactured to conform with MIL-C4109 and ANSI/(NFPA) T3.20.14-1990 requirements, and are interchangeable with industrial interchange couplers and plugs produced by other manufacturers. These couplers are identified by 2 narrow grooves on sleeve. Maximum working pressure 250 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	170 - 185	-40°F to +212°F

Following is the list of available models along with the thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CA880</b> Automotive Steel	1/2"		<b>CA881</b> Automotive Steel	1/2"
END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CH860</b> Industrial Steel	3/8"		<b>CH861</b> Industrial Steel	3/8"
END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CH880</b> Industrial Steel	1/2"		<b>CH881</b> Industrial Steel	1/2"
END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CPH880</b> Industrial Steel	1/2"		<b>CPH881</b> Industrial Steel	1/2"

**1/2" & 3/8" BLACK PLATED BODY AUTOMOTIVE INTERCHANGE PLUGS**

**END FITTING (FPT)      MODEL      NPT SIZE**



**CPA880**  
Automotive  
Steel (Black)

1/2"



**CPA880Z**  
Automotive  
Steel (Silver)

1/2"

**END FITTING (MPT)      MODEL      NPT SIZE**



**CPA881**  
Automotive  
Steel (Black)

1/2"



**CPA881Z**  
Automotive  
Steel (Silver)

1/2"



**CPA861**  
Automotive  
Steel

3/8"

**END FITTING (FPT)      MODEL      NPT SIZE**



**CPH860**  
Industrial  
Steel

3/8"

**END FITTING (MPT)      MODEL      NPT SIZE**



**CPH861**  
Industrial  
Steel

3/8"




**1/4" BODY ARO® SERIES COUPLERS & PLUGS**

Interstate Pneumatics ARO® series Quick Disconnect Couplers and Plugs are interchangeable with ARO® series Couplers and Plugs produced by other manufacturers. Precision machined bar stock construction provides resistance to the effects of mechanical shock in rugged applications. The 1/4" ARO® series Coupler Plugs can be used with Interstate Pneumatics Universal Couplers shown on page 15 of this catalog. 1/4" ARO® Couplers are identified by 3 narrow grooves on coupler's sleeve. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Brass	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CO440B</b> Brass	1/4"		<b>CO441B</b> Brass	1/4"
	<b>CPO440</b> Steel	1/4"		<b>CPO441</b> Steel	1/4"

**1/4" BODY LINCOLN® SERIES COUPLERS & PLUGS**

Interstate Pneumatics Lincoln® series Quick Disconnect Couplers and Plugs are interchangeable with Lincoln® series Couplers and Plugs produced by other manufacturers. Plugs are Zinc plated with hardened wear points. Precision machined bar stock construction provides resistance to the effects of mechanical shock in rugged applications. This Coupler series has unique identification with 1 wide & 2 narrow grooves on coupler sleeves. Maximum working pressure 300 PSI.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Brass	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE
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**CL440B**  
Brass

1/4"

END FITTING (MPT)	MODEL	NPT SIZE
-------------------	-------	----------



**CL441B**  
Brass

1/4"

END FITTING (FPT)	MODEL	NPT SIZE
-------------------	-------	----------



**CPL440**  
Steel

1/4"

END FITTING (MPT)	MODEL	NPT SIZE
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**CPL441**  
Steel

1/4"

### JACK HAMMER UNIVERSAL TWIST LOCK FITTINGS

Cast carbon steel-zinc coated twist-lock fittings are normally threaded onto a pipe, threaded hose end or manifold which joins to a rubber hose assembly which is connected and disconnected regularly. Maximum working pressure 250 PSI.

#### STRAIGHT THROUGH FEMALE THREADED JACK HAMMER COUPLER



Model #	Sizes
<b>CU-800</b>	1/2" FPT
<b>CU-850</b>	3/4" FPT
<b>CU-900</b>	1" FPT

#### STRAIGHT THROUGH MALE THREADED JACK HAMMER COUPLER



Model #	Sizes
<b>CU-801</b>	1/2" MPT
<b>CU-851</b>	3/4" MPT
<b>CU-901</b>	1" MPT

#### STRAIGHT THROUGH HOSE BARB JACK HAMMER COUPLER



Model #	Sizes
<b>CU-803</b>	1/2" Hose Barb
<b>CU-853</b>	3/4" Hose Barb
<b>CU-903</b>	1" Hose Barb

#### JACK HAMMER UNIVERSAL COUPLING WITH TRIPPLE CONNECTIONS



Model #	Sizes
<b>CU-905</b>	1/2" NPT

### JACK HAMMER HOSE SAFETY CABLE



Model #	Sizes
<b>CU-SC2014</b>	1/2" to 1-1/4" Hose ID, 1/8" Steel Double Loop Cable 20" length
<b>CU-SC2414</b>	1-1/2" to 3" Hose ID, 1/4" Steel Double Loop Cable 24" length
<b>CU-SC3814</b>	1-1/2" to 3" Hose ID, 1/4" Steel Double Loop Cable 38" length

### JACK HAMMER HOSE CU COUPLER SAFETY PIN & RUBBER GASKET



Model #	Description
<b>CU-P</b>	Jack Hammer Hose CU Coupler Safety Pin



<b>CU-R</b>	Jack Hammer Hose CU Coupler Rubber Gasket
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### MISCELLANEOUS ACCESSORIES



Model#	Description
<b>Y90KR</b>	Quick Coupler Key Chain

**1/4", 3/8", 1/2" BODY STRAIGHT THROUGH (NO VALVE) COUPLERS & PLUGS**

Interstate Pneumatics Straight Through (No Valve) series Couplers and Plugs are designed for use in high flow applications. Smooth, straight through bore gives maximum flow with minimum pressure drop. Brass plugs are precision machined from solid brass bar stock.











Couplers are identified by 2 wide grooves on each end of couplers sleeve regardless of body size & end fitting. Applications include carpet cleaners, vacuum services & pressure washers.

**SALIENT FEATURES:**

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	Temperature
Brass, Steel & Stainless Steel	Brass & Stainless Steel	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	-40°F to +212°F

**Note:** The SCFM for 1/4", 3/8" and 1/2" coupler body sizes are 35, 67, and 185 respectively

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	MAX PRESSURE	NPT SIZE	END FITTING (MPT)	MODEL	MAX PRESSURE	NPT SIZE
<b>1/4" Body</b>				<b>1/4" Body</b>			
	<b>CNV440B</b> (Brass)	2700 PSI	1/4"		<b>CNV441B</b> (Brass)	2700 PSI	1/4"
	<b>PW7135</b> (Stainless Steel)	5200 PSI	1/4"		<b>PW7136</b> (Stainless Steel)	5200 PSI	1/4"
	<b>CPNV440B</b> (Brass)	2700 PSI	1/4"		<b>CPNV441B</b> (Brass)	2700 PSI	1/4"
	<b>PW7132</b> (Steel)	5200 PSI	1/4"		<b>PW7133</b> (Steel)	5200 PSI	1/4"
	<b>PW7134</b> (Stainless Steel)	5200 PSI	1/4"		<b>PW7137</b> (Stainless Steel)	5200 PSI	1/4"
<b>3/8" Body</b>				<b>3/8" Body</b>			
	<b>CNV660B</b> (Brass)	2700 PSI	3/8"		<b>CNV661B</b> (Brass)	2700 PSI	3/8"
	<b>PW7144</b> (Stainless Steel)	5200 PSI	3/8"		<b>PW7152</b> (Brass)	2700 PSI	M22
					<b>PW7147</b> (Stainless Steel)	5200 PSI	3/8"
	<b>CPNV660B</b> (Brass)	2700 PSI	3/8"		<b>CPNV661B</b> (Brass)	2700 PSI	3/8"
	<b>PW7142</b> (Steel)	5200 PSI	3/8"		<b>PW7143</b> (Steel)	5200 PSI	3/8"
	<b>PW7145</b> (Stainless Steel)	5200 PSI	3/8"		<b>PW7146</b> (Stainless Steel)	5200 PSI	3/8"
<b>1/2" Body</b>							
	<b>CNV880B</b>	2200 PSI	1/2"				
	<b>CPNV880B</b>	2200 PSI	1/2"				

**WARNING:** Straight Through Couplers and Plugs should not be connected or disconnected with pressure on the line.

### 1/4" BODY DIAMOND "U"® SERIES COUPLERS & PLUGS

**Interstate Pneumatics** Diamond "U"® series Couplers & Plugs are interchangeable with the Diamond "U" series Couplers & Plugs produced by other manufacturers. Precision machined bar stock construction provides resistance to the effect of mechanical shock in rugged applications. **Interstate Pneumatics** Diamond "U" series Plugs are Zinc plated with hardened wear points. Diamond series Couplers are identified by 1 wide and 2 narrow grooves placed equidistant on coupler's sleeve. Diamond "U" series Couplers and Plugs are mainly used in vacuum applications. Maximum working pressure 300 PSI.

#### SALIENT FEATURES:

Plug Body	Coupler Body	Sleeve	Springs	Locking Balls	Seals	SCFM @ 100 PSI	Temperature
Steel Hardened & Zinc plated	Steel Zinc plated	Steel Hardened & Zinc plated	AISI-301 Stainless Steel	AISI-E52100 Stainless Steel	Buna-N (Nitrile)	30 - 35	-40°F to +212°F

Following is the list of available models along with thread sizes:

END FITTING (FPT)	MODEL	NPT SIZE	END FITTING (MPT)	MODEL	NPT SIZE
	<b>CD440</b> Steel	1/4"		<b>CD441</b> Steel	1/4"
	<b>CPD440</b> Steel	1/4"		<b>CPD441</b> Steel	1/4"

### COUPLER REPAIR KIT FOR STANDARD SERIES 1/4" INDUSTRIAL & AUTOMOTIVE COUPLERS



#### C4RK

##### Includes:

- Window-Port Check Valve
- Stainless Steel Valve Spring
- Valve Seat
- 4x Stainless Steel Ball Bearings

COUPLERS										
INTERSTATE	AMFLO	ARO	CAMEL	COILHOSE	FOSTER	HANSEN	MILTON	PARKER	SCHRADER	TRU-FLATE
CA440B	C2B	TFCF22	61-523	160*	TF3003	B21QS-25F	785	B13	3504	13-134
CA441B	C1B	TFCM22	61-524	162*	TF3103	B21QS-25M	786	B12	2503	13-124
CA443B	C2-42B		61-522	163*	TF3603	B21QS-25H	786-4	B10-3B		
CA445B	C2-42L*			163L*	TF1513	B21QS-25HP	1786-4	B103BP		
CA460B	C2-23B			161*	TF3203	B21QS-37F		B13-E		
CA461B	C1-03B			165*	TF3303	B21QS-27M		B12-E		
CA463B	C2-44B	TFCH23	61-525	166*	TF3703	B21QS-37H	485-6	B10-5B		
CA465B	C2-44L*			166L*	TF1713	B21DS-37HP	1765-6	B10-5BP		
CA640	C8		61-476	592	TF4004		1803	15C	3521	13-610
CA641	C7		61-478	593	TF4104			14C	3516	13-602
CA660	C6		61-553	590	TF4204		1805	15	3515	13-612
CA661	C5		61-554	591	TF4304		1806	14		13-604
CA663	C6-44			598	TF4804		1806-6	14-5B		
CA665	C6-44L			598L	TF1714		1746-6	14-5BP		
CG440B	C80*			150U		23AS-25F		UC304F-4		
CG441B	C61*			152U		23AS-25M		UC304M-4		
CH440B	C20B	23102-220	61-573	150	3003*	B22QS-25F	715	B23	5142-12	13-234
CH441B	C21B	23102-212	61-574	152	3103*	B22QS-25M	716	B22	5141-12	13-224
CH443B	C20-42B	23102-22	61-575	153	3603*	B22QS-25H	717	B20-3B		
CH445B	C20-42L*			153L	1513*	B22QS-25HP	1717-4	B20-3BP		
CH460B	C20-23B	23102-3	61-103	151	3203*	B22QS-37F	718	B23E	5363-12	
CH461B	C21-03B	23102-213	61-101	155	3303*	B22QS-97M	719	B22E	5140-12	
CH463B	C20-44B			156	3703*	B22QS-37H	717-5	820-5B		
CH465B	C20-44L*			156L	1713*	B22QS-37HP	1717-6*	B20-5BP		
CH640	C26-22	23103-002	61-112	582	4004*	400	1833	25C		
CH641	C25-02	23102-210	61-110	583	4104*	410		24C		
CH660	C26	23103-300	61-482	580	4204*	420	1835	25	3541	13-356
CH661	C25	23103-313	61-483	581	4304*	430	1836	24		13-526
CH663	C26-44	23103-324		586	4804*	4005	1836-6	24-5B		
CH665	C26-44L				1714*	520	1795-6	24-5BP		
CH880	C10		61-563	120	5205*	530	1815	17	3512	13-712
CH881	C9	23104-014	61-564	121	5303*		1816	16	3511	13-704
CL440B	C28*		61-548	170	LN3003*		790*	B73		13-434
CL441B	C27*		61-486	172	LN3103*			B72		13-424
CNV440B	CST4B		61-306					BST-2		
C0440B	C38B	210	61-526	140	210-3003*	20AS-25F	775*	B53	3526	13-334
C0441B	C37B		61-527	142	210-3103*	20AS-25M		B52	3525	13-324

\* Indicates coupler is not for all brass construction

PLUGS										
CPA440	CP2	TFFPF22	61-539	1602	TF11	21AP-25F	764	3C	3507	12-134
CPA441	CP1	TFFPM22	61-538	1601	TF10	21AP-25M	783	2C	3506	12-124
CPA443	CP1-42	THPH22	61-540	1606	TF16	21AP-25H	783-4	8C		12-164
CPA445	CP1-42L			1606L	TF51		1783-4	8CP		
CPA460	CP2-23	TFFPF23	61-150	1605	TF15	21AP-37F		3C-E		
CPA461	CP1-03	TFPH23	61-541	1603	TF14	21AP-37M		2C-E		
CPA463	CP1-44			1608	TF17	21AP-97H	783-6	9C		
CPA465	CP1-44L		61-481	1608L	TF71		1783-6	9CP		
CPA640	CP8		61-541	5904	TF41		1810	1E	3520	12-610
CPA641	CP7		61-559	5903	TF40		1809	0E	3519	12-602
CPA660	CP6		61-558	5902	TF43		1808	3E	3518	12-612
CPA680	CP6-24									
CPA661	CP5			5901	TF42		1807	2E	3517	12-604
CPA563	CP5-44			5906	TF48		1807-5	5E		
CPA665	CP5-44L			5906L			1747-6	5EP		
CPH440	CP20	23902-200	61-579	1502	11-3	11	728	H3C	5139-11	12-234
CPH441	CP21	23902-210	61-578	1501	10-3	10	727	H2C	5138-11	12-224
CPH443	CP21-42	23902-220		1506	16-3	16	736	H8C		12-225
CPH445	CP21-42L			1506L	51-3		1735-4	H8CP		
CPH460	CP20-23	23902-3	61-107	1505	15-3	15	732	H3C-E	5263-11	
CPH461	CP21-03	23902-310	61-535	1503	14-3	14	733	H2C-E		
CPH463	CP21-44			1508	17-3	17	736-6	H9C		
CPH465	CP21-44L			1508L	71-3		1736-6	H9CP		
CPH640	CP26-22	23903-002	61-119	5804	41-3	41	1840	H1E		
CPH641	CP25-02	23902-210	61-117	5803	40-4	40	1839	H0E		
CPH660	CP26	23903-300	61-485	5802	43-4	43	1838	H3E	3543	12-536
CPH661	CP25	23903-310	61-484	5801	42-4	42	1837	H2E	3542	12-526
CPH663	CP25-44	23903-420		5806	48-4	406	1837-6	H5E		
CPH665	CP25-44L			5806L	71-4		1797-6	H5EP		
CPH880	CP18	23904-400	61-137	1202	55-5	55	1858	H3F		12-762
CPH881	CP17	23904-410	31-134	1201	54-5	54	1857	H2F		12-752
CPL440	CP28	LNPF22	61-551	1702	LN11		792	L3C	3532	12-434
CPL441	CPA27	LNPM22	61-550	1701	LN10		791	L2C	3531	12-424
CPNV440	CPST4		61-307					ST-N2		
CPO440	CP38	2609	61-529	1402	210-11	20AP-25F	778	A3C	3530	12-334
CPO441	CP37	2608	61-528	1401	210-10	20AP-25M	777	A2C	3529	12-324