

Quick Connect Couplings



Through our affiliation with **Rectus-TEMA**, **Nycoil** has access to over fifty years of worldwide Quick Connect Coupling experience and technology. As a result, **Nycoil** now offers a wide selection of couplers having a variety of features, performance characteristics and connections assuring you of having the right one for your particular requirements. In addition to all of the major interchanges, **Nycoil** has the coupler that will fit the exact need of any application. There's no longer a reason to settle for a coupler just because "it works" . . . now you can choose the one that "works perfectly"!

Manual Sleeve TYPE "C": The coupler sleeve must manually be pulled back before the plug can be inserted. Locking balls are used to connect the plug and coupler. This design is very good for excessive vibration or high impact applications. A solid drag guard at the front of the coupler prevents accidental disconnects from snagging, making it ideal for air supply hoses. These couplers should be used on stationary applications allowing two hand operation as well as with air tools.

Automatic "Ultra-Flo" TYPE "K": Single hand operation using locking balls to hold the plug inside of the coupler body. These units also include the **Rectus Ultra-Flo** valve, which allows approximately 80% more air flow than conventional designs. The exceptional flow characteristics of this design will even outperform those of larger body size couplers from other manufacturers, resulting in a savings in both cost and space. These couplers can be used in any application where high volume is required or excessive vibration is a factor. A drag guard makes this design ideal for use with air supply hoses

Automatic Locking Pin TYPE "S": Single hand operation where the plug can be pushed into the coupler body without having to pull the sleeve back. Locking pins hold the plug inside of the coupler body. This style is a popular choice where automatic operation and economy are primary concerns. These couplers are best suited for fixed air lines (piping, as opposed to hose) where high vibration is not a concern.

Self-Venting "Soft Body" TYPE "V": Automatic safety coupler that won't allow the plug to be completely disconnected until the downstream air is bled off in order to avoid the dangerous "hose whip" effect. Pulling the coupler sleeve back partially releases the plug so that the downstream air can bleed off. Once the downstream air is exhausted, the coupler sleeve can be pushed forward to

completely disconnect the plug. The system fulfills the requirements stipulated in ISO 4414 for increased safety standards in the work place. Features locking pins to hold the plug in place and a thermoplastic sleeve for lighter weight as well as protection of surfaces that it might come in contact with. This coupler combines safety, automatic operation, lightweight and economy, making it the first choice for both stationary air lines and air supply hoses.

Self-Venting, All Brass TYPE "Z": Automatic safety coupler that also prevents disconnecting until the downstream air is completely bled off, but uses locking balls to hold the plug in place. Pulling the coupler sleeve back partially releases the plug and allows the downstream air trapped in the line to bleed off. After the downstream air is completely bled off, the coupler sleeve can be pulled back a second time to fully release the plug. The system fulfills the requirements stipulated in ISO 4414 for increased safety standards in the work place. This unit features a nickel-plated brass body and sleeve and the **Rectus Ultra-Flo** valve. Where durability, high flow and safety are the primary considerations this coupler is an ideal choice for any air hose or supply line.

Low Force Connection TYPE "L": Specially designed for low force connection between the coupler and plug under pressure. This coupler is especially good for applications requiring repetitive connections and disconnections, where minimizing user fatigue is important.

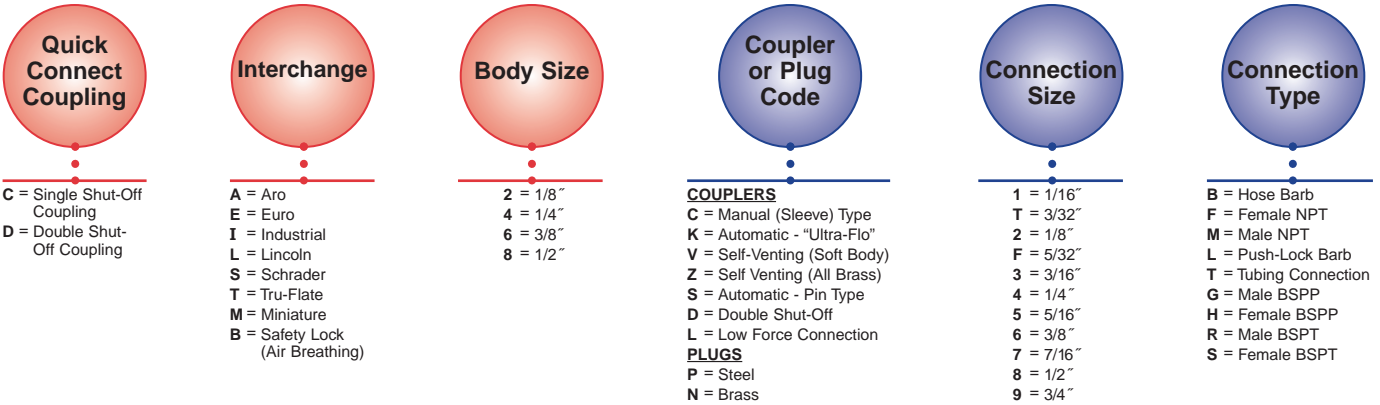
Safety Lock TYPE "B": Automatic safety coupler designed to prevent accidental disconnects from the plug. The plug must be pushed further into the coupler body while the sleeve is pulled back in order to disconnect. Typical uses include weld and cut operations, diving, lift systems, air breathing equipment and any application where unintentional disconnecting would create a safety issue.

Double Shut-Off Series "DM" & "DE": These automatic couplings include a valve in both the couplers and plugs. A pin inside of the coupler opens the valve in the plug when a connection is made to allow the media to flow through. When disconnected, the valves close in both the coupler and plug. Double shut-off couplings are used with liquids or where it is desired to not allow the media to bleed off to atmosphere. **NOTE: A double shut-off plug can only be used with a double shut-off coupler otherwise its valve will not be opened when connected.**

Nycoil Quick Connect Coupling Part Numbering Structure

Nycoil uses a descriptive part numbering system for Quick Connect Couplings that takes the confusion out of matching couplers and plugs. **Couplers and plugs having the same first three characters in their part numbers are the same Interchange and body size, so they are compatible and**

can be connected. In addition, each character has a specific meaning that describes the particular coupler or plug. The chart shown below explains our part numbering structure as well as the meaning of each character.



Type "CI" Industrial Interchange Couplers & Plugs (MIL-C4109)




Series "CI4" 1/4" Body Size

Coupler Type	Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
 Type "C" Manual Sleeve	1/8	CI4C2F	CI4C2M		CI4C4L
	1/4	CI4C4F	CI4C4M	CI4C4B	
	5/16			CI4C5B	
	3/8	CI4C6F	CI4C6M	CI4C6B	CI4C6L
 Type "K" Automatic Ultra-Flo	1/4	CI4K4F	CI4K4M	CI4K4B	CI4K4L
	5/16			CI4K5B	
	3/8	CI4K6F	CI4K6M	CI4K6B	CI4K6L
	1/2	CI4K8F	CI4K8M	CI4K8B	
 Type "S" Automatic Locking Pin	1/8		CI4S2M		
	1/4	CI4S4F	CI4S4M	CI4S4B	CI4S4L
	5/16			CI4S5B	
	3/8	CI4S6F	CI4S6M	CI4S6B	CI4S6L
 Type "V" Safety Self-Venting "Soft Body"	1/4	CI4V4F	CI4V4M	CI4V4B	
	5/16			CI4V5B	
	3/8	CI4V6F	CI4V6M	CI4V6B	
	1/2	CI4V8F	CI4V8M	CI4V8B	
 Type "Z" Safety Self-Venting	1/4	CI4Z4F	CI4Z4M	CI4Z4B	
	5/16			CI4Z5B	
	3/8	CI4Z6F	CI4Z6M	CI4Z6B	
	1/2	CI4Z8F	CI4Z8M	CI4Z8B	
 Type "L" Low Force Connection	1/4	CI4L4F	CI4L4M	CI4L4B	
	5/16			CI4L5B	
	3/8	CI4L6F	CI4L6M	CI4L6B	
	1/2			CI4L8B	
Plug Type	Connection Size	Female	Male	Hose Barb*	Push-Lock Hose Barb
 Type "P" Zinc Plated Hardened Steel	1/8	CI4P2F	CI4P2M		
	1/4	CI4P4F	CI4P4M	CI4P4B	CI4P4L
	5/16			CI4P5B	
	3/8	CI4P6F	CI4P6M	CI4P6B	CI4P6L
	1/2			CI4P8B	

* Hose Barb Plugs are Nickel Plated




Type "CI" Industrial Interchange Couplers & Plugs (MIL-C4109)

Series "CI6" 3/8" Body Size

Coupler Type		Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
	Type "C" Manual Sleeve	1/4	CI6C4F	CI6C4M		
		3/8	CI6C6F	CI6C6M	CI6C6B	CI6C6L
		1/2	CI6C8F	CI6C8M	CI6C8B	
	Type "S" Automatic Locking Pin	1/4	CI6S4F	CI6S4M	CI6S4B	
		5/16			CI6S5B	
		3/8	CI6S6F	CI6S6M	CI6S6B	
		1/2	CI6S8F	CI6S8M	CI6S8B	
Plug Type		Connection Size	Female	Male	Hose Barb*	Push-Lock Hose Barb
	Type "P" Zinc Plated Hardened Steel	1/4	CI6P4F	CI6P4M	CI6P4B	
		5/16			CI6P5B	
		3/8	CI6P6F	CI6P6M	CI6P6B	CI6P6L
		1/2	CI6P8F	CI6P8M	CI6P8B	CI6P8L

* Hose Barb Plugs are Nickel Plated



Series "CI8" 1/2" Body Size

Coupler Type		Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
	Type "C" Manual Sleeve	3/8	CI8C6F	CI8C6M	CI8C6B	CI8C6L
		1/2	CI8C8F	CI8C8M	CI8C8B	CI8C8L
		3/4	CI8C9F	CI8C9M		
	Type "S" Automatic Locking Pin	1/4	CI8S4F	CI8S4M		
		3/8	CI8S6F	CI8S6M	CI8S6B	
		1/2	CI8S8F	CI8S8M	CI8S8B	
		3/4	CI8S9F	CI8S9M		
Plug Type		Connection Size	Female	Male	Hose Barb*	Push-Lock Hose Barb
	Type "P" Zinc Plated Hardened Steel	3/8	CI8P6F	CI8P6M	CI8P6B	CI8P6L
		1/2	CI8P8F	CI8P8M	CI8P8B	
		3/4	CI8P9F	CI8P9M	CI8P9B	

* Hose Barb Plugs are Nickel Plated



Type "CT" Automotive (Tru-Flate) Interchange Couplers & Plugs

Series "CT4" 1/4" Body Size

Coupler Type		Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
	Type "C" Manual Sleeve	1/8	CT4C2F	CT4C2M		
		1/4	CT4C4F	CT4C4M	CT4C4B	CT4C4L
		5/16			CT4C5B	
		3/8	CT4C6F	CT4C6M	CT4C6B	CT4C6L
Plug Type		Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
	Type "P" Zinc Plated Hardened Steel	1/8	CT4P2F	CT4P2M		
		1/4	CT4P4F	CT4P4M	CT4P4B	CT4P4L
		3/8	CT4P6F	CT4P6M	CT4P6B	CT4P6L






Type "CT" Automotive (Tru-Flate) Interchange Couplers & Plugs

Series "CT6" 3/8" Body Size

Coupler Type		Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
	Type "C" Manual Sleeve	1/4	CT6C4F	CT6C4M		
		3/8	CT6C6F	CT6C6M	CT6C6B	CT6C6L
		1/2	CT6C8F	CT6C8M	CT6C8B	
Plug Type		Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
	Type "P" Zinc Plated Hardened Steel	1/4	CT6P4F	CT6P4M		
		3/8	CT6P6F	CT6P6M	CT6P6B	CT6P6L



Type "CA" Aro Interchange Couplers & Plugs

Series "CA4" 1/4" Body Size

Coupler Type		Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
	Type "C" Manual Sleeve	1/4	CA4C4F	CA4C4M	CA4C4B	CA4C4L
		3/8	CA4C6F	CA4C6M		CA4C6L
	Type "K" Automatic Ultra-Flo	1/4	CA4K4F	CA4K4M	CA4K4B	CA4K4L
		5/16			CA4K5B	
		3/8	CA4K6F	CA4K6M	CA4K6B	CA4K6L
	Type "S" Automatic Locking Pin	1/2	CA4K8F	CA4K8M	CA4K8B	
		1/4	CA4S4F	CA4S4M	CA4S4B	CA4S4L
		5/16			CA4S5B	
	Type "V" Safety Self-Venting "Soft Body"	3/8	CA4S6F	CA4S6M	CA4S6B	CA4S6L
		1/2			CA4S8B	
		1/4	CA4V4F	CA4V4M	CA4V4B	
		5/16			CA4V5B	
		3/8	CA4V6F	CA4V6M	CA4V6B	
		1/2	CA4V8F	CA4V8M	CA4V8B	
Plug Type		Connection Size	Female	Male	Hose Barb*	Push-Lock Hose Barb
	Type "P" Zinc Plated Hardened Steel	1/8		CA4P2M		
		1/4	CA4P4F	CA4P4M	CA4P4B	CA4P4L
		5/16			CA4P5B	
		3/8	CA4P6F	CA4P6M	CA4P6B	
		1/2			CA4P8B	





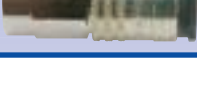
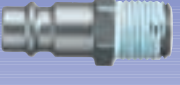

* Hose Barb Plugs are Nickel Plated

Series "CA6" 3/8" Body Size

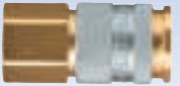
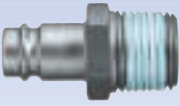
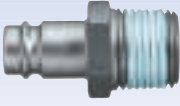
Coupler Type		Connection Size	Female		
	Type "S" Automatic Locking Pin	3/8	CA6S6F		
		1/2	CA6S8F		
Plug Type		Connection Size	Female	Male	Hose Barb
	Type "P" Nickel Plated Hardened Steel	1/4			CA6P4B
		5/16			CA6P5B
		3/8	CA6P6F	CA6P6M	CA6P6B
		1/2	CA6P8F	CA6P8M	CA6P8B
		3/4	CA6P9F	CA6P9M	CA6P9B

Type "CE" European (High Flow) Interchange Couplers & Plugs

Series "CE4" 1/4" Body Size




Coupler Type		Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
	Type "K" Automatic Ultra-Flo	1/4	CE4K4F	CE4K4M	CE4K4B	CE4K4L
		5/16			CE4K5B	
		3/8	CE4K6F	CE4K6M	CE4K6B	CE4K6L
		1/2	CE4K8F	CE4K8M	CE4K8B	CE4K8L
		1/4	CE4S4F	CE4S4M	CE4S4B	CE4S4L
	Type "S" Automatic Pin Lock	5/16			CE4S5B	
		3/8	CE4S6F	CE4S6M	CE4S6B	CE4S6L
		1/2	CE4S8F	CE4S8M	CE4S8B	CE4S8L
		1/4	CE4V4F	CE4V4M	CE4V4B	
	Type "V" Safety Self-Venting "Soft Body"	5/16			CE4V5B	
		3/8	CE4V6F	CE4V6M	CE4V6B	
		1/2	CE4V8F	CE4V8M	CE4V8B	
		1/4	CE4Z4F	CE4Z4M	CE4Z4B	
	Type "Z" Safety Self-Venting	5/16			CE4Z5B	
		3/8	CE4Z6F	CE4Z6M	CE4Z6B	
		1/2	CE4Z8F	CE4Z8M	CE4Z8B	
		1/4	CE4L4F	CE4L4M	CE4L4B	
	Type "L" Low Force Connection	5/16			CE4L5B	
		3/8	CE4L6F	CE4L6M	CE4L6B	
		1/2	CE4L8F	CE4L8M	CE4L8B	
Plug Type		Connection Size	Female	Male	Hose Barb	
	Type "P" Nickel Plated Hardened Steel	1/8	CE4P2F	CE4P2M		
		1/4	CE4P4F	CE4P4M	CE4P4B	
		5/16			CE4P5B	
		3/8	CE4P6F	CE4P6M	CE4P6B	
		1/2	CE4P8F	CE4P8M	CE4P8B	
	Type "N" Brass	5/32			CE4NFB	
		1/4	CE4N4F	CE4N4M	CE4N4B	
		5/16			CE4N5B	
		3/8	CE4N6F	CE4N6M	CE4N6B	
		1/2	CE4N8F	CE4N8M	CE4N8B	

Series "CE6" 3/8" Body Size

Coupler Type		Connection Size	Female	Male	Hose Barb
	Type "K" Automatic Ultra-Flo	1/4			CE6K4B
		5/16			CE6K5B
		3/8	CE6K6F	CE6K6M	CE6K6B
		1/2	CE6K8F	CE6K8M	CE6K8B
		3/4	CE6K9F	CE6K9M	CE6K9B
Plug Type		Connection Size	Female	Male	Hose Barb
	Type "P" Nickel Plated Hardened Steel	1/4	CE6P4F	CE6P4M	CE6P4B
		5/16			CE6P5B
		3/8	CE6P6F	CE6P6M	CE6P6B
		1/2	CE6P8F	CE6P8M	CE6P8B
		3/4	CE6P9F	CE6P9M	CE6P9B
	Type "N" Nickel Plated Brass	1/4	CE6N4F	CE6N4M	CE6N4B
		5/16			CE6N5B
		3/8	CE6N6F	CE6N6M	CE6N6B
		1/2	CE6N8F	CE6N8M	CE6N8B
		3/4	CE6N9F	CE6N9M	CE6N9B



Type "CS" Schrader Interchange Couplers & Plugs

Series "CS4" 1/4" Body Size

Coupler Type		Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb
	Type "C" Twist Lock	1/8	CS4C2F	CS4C2M		
		1/4	CS4C4F	CS4C4M	CS4C4B	CS4C4L
		5/16			CS4C5B	
		3/8	CS4C6F	CS4C6M	CS4C6B	CS4C6L
	Type "K" Automatic Ultra-Flo	1/4	CS4K4F	CS4K4M	CS4K4B	
		5/16			CS4K5B	
		3/8	CS4K6F	CS4K6M	CS4K6B	
Plug Type		Connection Size	Female	Male	Hose Barb	
	Type "P" Nickel Plated Hardened Steel	1/8	CS4P2F	CS4P2M		
		1/4	CS4P4F	CS4P4M	CS4P4B	
		5/16			CS4P5B	
		3/8			CS4P6B	


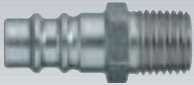

Type "CL" Lincoln Interchange Couplers & Plugs

Series "CL4" 1/4" Body Size

Coupler Type		Connection Size	Female	Male
	Type "C" Manual Sleeve	1/4	CL4C4F	CL4C4M
Plug Type		Connection Size	Female	Male
	Type "P" Zinc Plated Hardened Steel	1/4	CL4P4F	CL4P4M
















Type "CB" High Flow Safety Lock Couplers & Plugs

Series "CB4" 1/4" Body Size

Coupler Type		Connection Size	Female	Male	Hose Barb
	Type "K" Automatic Ultra-Flo	1/4	CB4K4F	CB4K4M	CB4K4B
		5/16			CB4K5B
		3/8	CB4K6F	CB4K6M	CB4K6B
		1/2	CB4K8F	CB4K8M	CB4K8B
Plug Type		Connection Size	Female	Male	Hose Barb
	Type "P" Nickel Plated Hardened Steel	1/8		CB4P2M	
		1/4	CB4P4F	CB4P4M	CB4P4B
		5/16			CB4P5B
		3/8	CB4P6F	CB4P6M	CB4P6B
		1/2	CB4P8F	CB4P8M	CB4P8B
	Type "N" Nickel Plated Brass	1/4		CB4N4M	
		5/16			CB4N5B
		3/8			CB4N6B
		1/2		CB4N8M	












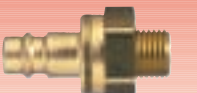
Type "CM" Miniature Couplers & Plugs

Series "CM2" 1/8" Body Size

Coupler Type		 Connection Size	 Female	 Male	 Hose Barb	 Push-Lock Hose Barb	 Tubing Connection
	Type "K" Automatic Locking Ball	1/8	CM2K2F	CM2K2M			
		5/32			CM2KFB		
		3/16				CM2K3B	
		1/4	CM2K4F	CM2K4M	CM2K4B	CM2K4L	
		5/16			CM2K5B		
		3/8	CM2K6F	CM2K6M	CM2K6B		
		1/4 x 5/32 5/16 x 1/4					
	Type "S" Automatic Locking Pin	1/8	CM2S2F	CM2S2M			
		5/32			CM2SFB		
		1/4	CM2S4F	CM2S4M	CM2S4B		
		5/16			CM2S5B		
		3/8	CM2S6F	CM2S6M	CM2S6B		
Plug Type		 Connection Size	 Female	 Male	 Hose Barb	 Push-Lock Hose Barb	 Tubing Connection
	Type "N" Brass	1/8	CM2N2F	CM2N2M			
		5/32			CM2NFB		
		3/16				CM2N3B	
		1/4	CM2N4F	CM2N4M	CM2N4B	CM2N4L	
		5/16			CM2N5B		
		3/8		CM2N6M	CM2N6B		
		1/4 x 5/32 5/16 x 1/4					



Type "DE" High Flow Double Shut-Off Couplers & Plugs

Series "DE4" 1/4" Body Size

Coupler Type		 Connection Size	 Female	 Male	 Hose Barb	 Push-Lock Hose Barb
	Type "K" Automatic Ultra-Flo	1/4	DE4K4F	DE4K4M	DE4K4B	DE4K4L
		5/16			DE4K5B	
		3/8	DE4K6F	DE4K6M	DE4K6B	DE4K6L
		1/2	DE4K8F	DE4K8M	DE4K8B	DE4K8L
Plug Type		 Connection Size	 Female	 Male	 Hose Barb	 Push-Lock Hose Barb
	Type "N" Brass	1/8		DE4N2M		
		1/4	DE4N4F	DE4N4M	DE4N4B	DE4N4L
		5/16			DE4N5B	
		3/8	DE4N6F	DE4N6M	DE4N6B	DE4N6L
		1/2	DE4N8F	DE4N8M	DE4N8B	DE4N8L

Type "DM" Miniature Double Shut-Off Couplers & Plugs

Series "DM2" 1/8" Body Size

Coupler Type	Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb	Tubing Connection
 <p>Type "K" Automatic Locking Ball</p>	1/8	DM2K2F	DM2K2M			
	5/32			DM2KFB		
	3/16			DM2K3B		
	1/4	DM2K4F	DM2K4M	DM2K4B	DM2K4L	
	5/16			DM2K5B		
	3/8	DM2K6F	DM2K6M	DM2K6B		
	1/4 x 5/32 5/16 x 1/4					DM2K4T DM2K5T
Plug Type	Connection Size	Female	Male	Hose Barb	Push-Lock Hose Barb	Tubing Connection
 <p>Type "N" Brass</p>	1/8	DM2N2F	DM2N2M			
	5/32			DM2NFB		
	3/16			DM2N3B		
	1/4	DM2N4F	DM2N4M	DM2N4B	DM2N4L	
	5/16			DM2N5B		
	3/8	DM2N6F	DM2N6M	DM2N6B		
	1/4 x 5/32 5/16 x 1/4					DM2N4T DM2N5T

COUPLER SPECIFICATIONS

Series "CI4" - Industrial Interchange (1/4" Body Size)

	"C" Manual Sleeve	"K" Automatic Ultra-Flo	"S" Automatic Locking Pin	"V" Safety Self-Venting "Soft Body"	"Z" Safety Self-Venting	"L" Low Force Connection
Front Body	Brass	Brass	Brass	Nickel Plated Brass	Nickel Plated Steel	Nickel Plated Brass
Back Body	Brass	Brass	Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Sleeve	Brass	Nickel Plated Hardened Steel	Brass	Thermoplastic	Nickel Plated Brass	Nickel Plated Steel
Valve	Zinc Plated Steel	Nickel Plated Zinc	Brass	Brass	Brass	Brass
Springs	AISI 301 Stainless Steel	AISI 301 Stainless Steel	AISI 301 Stainless Steel	AISI 301 Stainless Steel	AISI 301 Stainless Steel	Stainless Steel
Locking System	Stainless Steel Balls	AISI 420 Stainless Steel Balls	AISI 420 Stainless Steel Pins	AISI 420 Stainless Steel Balls & Pins	AISI 420 Stainless Steel Balls	Stainless Steel Balls
Seal	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N
Working Temperature	-40° F to +250° F	-4° F to +210° F	-4° F to +210° F	-4° F to +140° F	-4° F to +140° F	-40° F to +210° F
Maximum Pressure	300 PSI	500 PSI	500 PSI	220 PSI	120 PSI	435 PSI
Connecting Force At 90 PSI	14 Lbs.	23.6 Lbs.	13.5 Lbs.	15.7 Lbs.	23.6 Lbs.	15.7 Lbs.

Series "CI6" - Industrial Interchange (3/8" Body Size)

	"C" Manual Sleeve	"S" Automatic Locking Pin
Front Body	Zinc Plated Steel	Zinc Plated Steel (Chromatized)
Back Body	Zinc Plated Steel	Brass
Sleeve	Zinc Plated Steel	Brass
Valve	Zinc Plated Steel	Brass
Springs	AISI 301 Stainless Steel	AISI 301 Stainless Steel
Locking System	Stainless Steel Balls	AISI 420 Stainless Steel Pins
Seal	Buna-N	Buna-N
Working Temperature	-40° F to +250° F	-4° F to +210° F
Maximum Pressure	300 PSI	500 PSI
Connecting Force At 90 PSI	29 Lbs.	23.6 Lbs.

Series "CI8" - Industrial Interchange (1/2" Body Size)

	"C" Manual Sleeve	"S" Automatic Locking Pin
Front Body	Zinc Plated Steel	Brass
Back Body	Zinc Plated Steel	Brass
Sleeve	Zinc Plated Steel	Brass
Valve	Zinc Plated Steel	Brass
Springs	AISI 301 Stainless Steel	AISI 301 Stainless Steel
Locking System	Stainless Steel Balls	AISI 420 Stainless Steel Pins
Seal	Buna-N	Buna-N
Working Temperature	-40° F to +250° F	-4° F to +210° F
Maximum Pressure	300 PSI	500 PSI
Connecting Force At 90 PSI	49 Lbs.	40.5 Lbs.

COUPLER SPECIFICATIONS

Series "CT4" - Automotive (Tru-Flate) Interchange (1/4" Body Size)

	"C" Manual Sleeve
Front Body	Brass
Back Body	Brass
Sleeve	Brass
Valve	Zinc Plated Steel
Springs	AISI 301 Stainless Steel
Locking System	Stainless Steel Balls
Seal	Buna-N
Working Temperature	-40° F to +250° F
Maximum Pressure	300 PSI
Connecting Force At 90 PSI	16 Lbs.

Series "CT6" - Automotive (Tru-Flate) Interchange (3/8" Body Size)

	"C" Manual Sleeve
Front Body	Zinc Plated Steel
Back Body	Zinc Plated Steel
Sleeve	Zinc Plated Steel
Valve	Zinc Plated Steel
Springs	AISI 301 Stainless Steel
Locking System	Stainless Steel Balls
Seal	Buna-N
Working Temperature	-40° F to +250° F
Maximum Pressure	300 PSI
Connecting Force At 90 PSI	36 Lbs.

Series "CA4" - Aro Interchange (1/4" Body Size)

	"C" Manual Sleeve	"K" Automatic Ultra-Flo	"S" Automatic Locking Pin	"V" Safety Self-Venting "Soft Body"
Front Body	Brass	Brass	Brass	Nickel Plated Brass
Back Body	Brass	Brass	Brass	Nickel Plated Brass
Sleeve	Brass	Nickel Plated Hardened Steel	Brass	Thermoplastic
Valve	Zinc Plated Steel	Nickel Plated Zinc	Brass	Brass
Springs	AISI 301 Stainless Steel	AISI 301 Stainless Steel	AISI 301 Stainless Steel	AISI 301 Stainless Steel
Locking System	Stainless Steel Balls	AISI 420 Stainless Steel Balls	AISI 420 Stainless Steel Pins	AISI 420 Stainless Steel Balls & Pins
Seal	Buna-N	Buna-N	Buna-N	Buna-N
Working Temperature	-40° F to +250° F	-4° F to +210° F	-4° F to +210° F	-4° F to +140° F
Maximum Pressure	300 PSI	500 PSI	500 PSI	220 PSI
Connecting Force At 90 PSI	14 Lbs.	22.5 Lbs.	13.5 Lbs.	13.5 Lbs.

Series "CA6" - Aro Interchange (3/8" Body Size)

	"S" Automatic Locking Pin
Front Body	Brass
Back Body	Brass
Sleeve	Brass
Valve	Brass
Springs	AISI 301 Stainless Steel
Locking System	AISI 420 Stainless Steel Pins
Seal	Buna-N
Working Temperature	-40° F to +210° F
Maximum Pressure	500 PSI
Connecting Force At 90 PSI	25.6 Lbs.

Series "CE4" - Euro (High Flow) Interchange (1/4" Body Size)

	"K" Automatic Ultra-Flo	"S" Automatic Locking Pin	"V" Safety Self-Venting "Soft Body"	"Z" Safety Self-Venting	"L" Low Force Connection
Front Body	Brass	Brass	Nickel Plated Brass	Nickel Plated Steel	Nickel Plated Brass
Back Body	Brass	Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Sleeve	Nickel Plated Hardened Steel	Brass	Thermoplastic	Nickel Plated Brass	Zinc Plated Steel
Valve	Nickel Plated Zinc	Brass	Brass	Brass	Brass
Springs	AISI 301 Stainless Steel	AISI 301 Stainless Steel	AISI 301 Stainless Steel	AISI 301 Stainless Steel	Stainless Steel
Locking System	AISI 420 Stainless Steel Balls	AISI 420 Stainless Steel Pins	AISI 420 Stainless Steel Balls & Pins	AISI 420 Stainless Steel Balls	Stainless Steel Balls
Seal	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N
Working Temperature	-4° F to +210° F	-4° F to +210° F	-4° F to +140° F	-4° F to +140° F	-40° F to +210° F
Maximum Pressure	500 PSI	500 PSI	220 PSI	120 PSI	435 PSI
Connecting Force At 90 PSI	26.9 Lbs.	20.2 Lbs.	21.4 Lbs.	26.9 Lbs.	17.9 Lbs.

COUPLER SPECIFICATIONS

Series "CE6" - Euro (High Flow) Interchange (3/8" Body Size)

	"K" Automatic Ultra-Flo
Front Body	Brass
Back Body	Brass
Sleeve	Nickel Plated Hardened Steel
Valve	Brass
Springs	AISI 301 Stainless Steel
Locking System	AISI 420 Stainless Steel Balls
Seal	Buna-N
Working Temperature	-4° F to + 210° F
Maximum Pressure	500 PSI
Connecting Force At 90 PSI	40.5 Lbs.

Series "CS4" - Schrader Interchange (1/4" Body Size)

	"C" Twist Lock	"K" Automatic Ultra-Flo
Front Body	Brass/Aluminum	Zinc Plated Hardened Steel
Back Body	Brass	Nickel Plated Brass
Sleeve	Zinc Plated Steel (Yellow Chromate Finish)	Nickel Plated Hardened Steel
Valve	Zinc Plated Steel (Yellow Chromate Finish)	Brass
Springs	AISI 302 Stainless Steel	AISI 303 Stainless Steel
Locking System	Zinc Plated Steel Pawls	AISI 420 Stainless Steel Balls
Seal	Buna-N	Buna-N
Working Temperature	-4° F to + 210° F	-4° F to + 210° F
Maximum Pressure	300 PSI	500 PSI
Connecting Force At 90 PSI	22 Lbs.	26.9 Lbs.

Series "CL4" - Lincoln Interchange (1/4" Body Size)

	"C" Manual Sleeve
Front Body	Brass
Back Body	Brass
Sleeve	Brass
Valve	Zinc Plated Steel
Springs	AISI 301 Stainless Steel
Locking System	Stainless Steel Balls
Seal	Buna-N
Working Temperature	-40° F to + 250° F
Maximum Pressure	300 PSI
Connecting Force At 90 PSI	18 Lbs.

Series "CM2" - Miniature (1/8" Body Size)

	"K" Automatic Locking Ball	"S" Automatic Locking Pin
Front Body	Brass	Brass
Back Body	Brass	Brass
Sleeve	Brass	Brass
Valve	Brass	Brass
Springs	AISI 301 Stainless Steel	AISI 301 Stainless Steel
Locking System	AISI 420 Stainless Steel Balls	AISI 420 Stainless Steel Pins
Seal	Buna-N	Buna-N
Working Temperature	-4° F to + 210° F	-4° F to + 210° F
Maximum Pressure	500 PSI	500 PSI
Connecting Force At 90 PSI	13.5 Lbs.	17.9 Lbs.

Series "CB4" - Euro (High Flow) Interchange, Safety Lock (1/4" Body Size)

	"K" Automatic Ultra-Flo
Front Body	Nickel Plated Steel
Back Body	Nickel Plated Brass
Sleeve	Nickel Plated Hardened Steel
Valve	Brass
Springs	AISI 301 Stainless Steel
Locking System	AISI 420 Stainless Steel Balls
Seal	Buna-N
Working Temperature	-4° F to + 210° F
Maximum Pressure	500 PSI
Connecting Force At 90 PSI	33.7 Lbs.

Series "DM2" - Miniature, Double Shut-Off (1/8" Body Size)

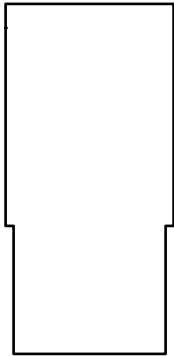
	"K" Automatic Locking Ball
Front Body	Brass
Back Body	Brass
Sleeve	Brass
Valve	Brass
Springs	AISI 301 Stainless Steel
Locking System	AISI 420 Stainless Steel Balls
Seal	Buna-N
Working Temperature	-4° F to + 210° F
Maximum Pressure	500 PSI
Connecting Force At 90 PSI	13.5 Lbs.

Series "DE4" - Euro (High Flow) Interchange, Double Shut-Off (1/4" Body Size)

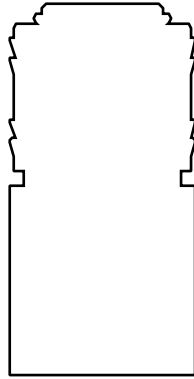
	"K" Automatic Ultra-Flo
Front Body	Brass
Back Body	Brass
Sleeve	Brass
Valve	Brass
Springs	AISI 301 Stainless Steel
Locking System	AISI 420 Stainless Steel Balls
Seal	Buna-N
Working Temperature	-4° F to + 210° F
Maximum Pressure	500 PSI
Connecting Force At 90 PSI	26.9 Lbs.

COUPLERS & PLUGS

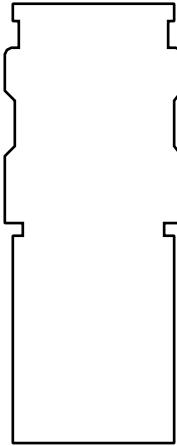
Shown below and on page 12 are "actual size" layouts of our coupler and plug offering. These layouts can be used for envelope dimensions as well as identifying body size and interchange by the plug profile.



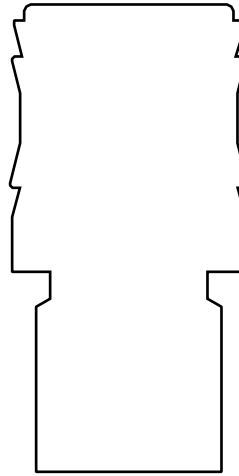
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CT4C



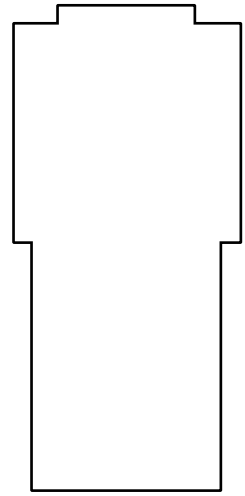
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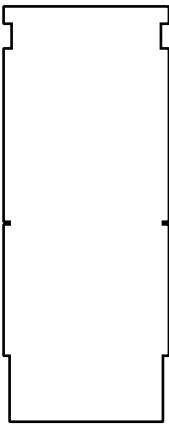
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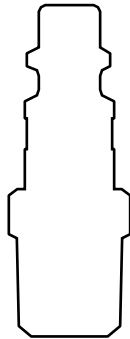
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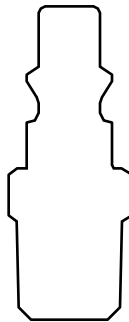
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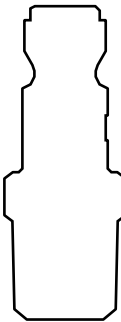
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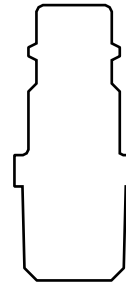
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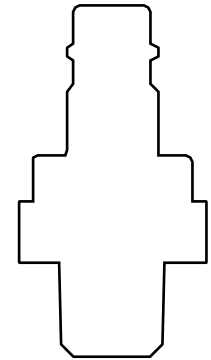
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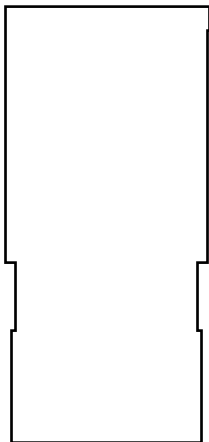
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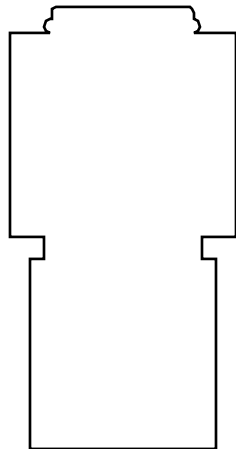
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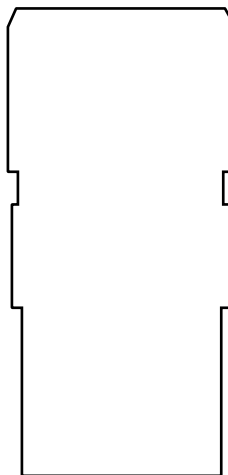
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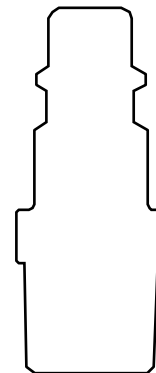
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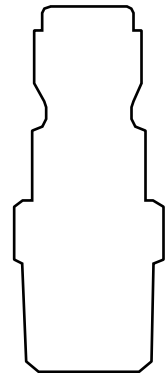
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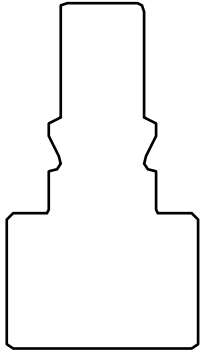


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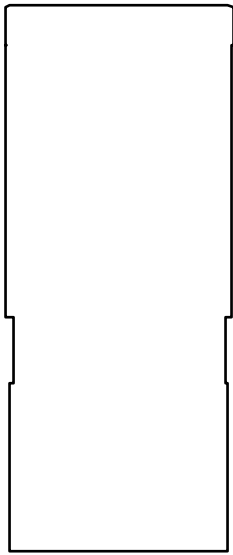


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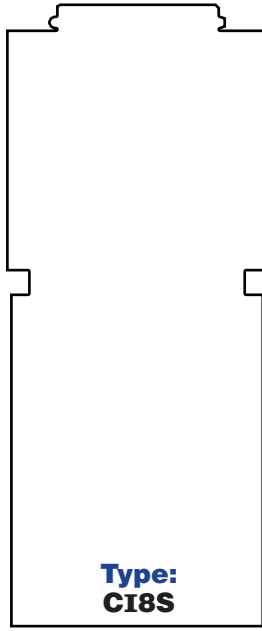
COUPLERS & PLUGS (CONTINUED)



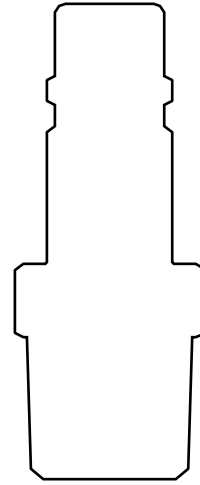
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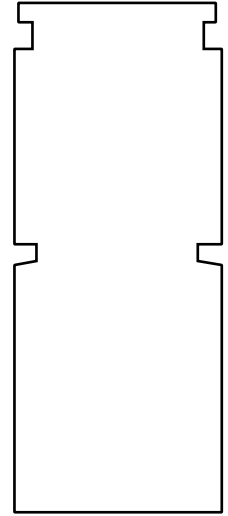
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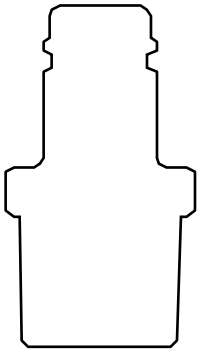
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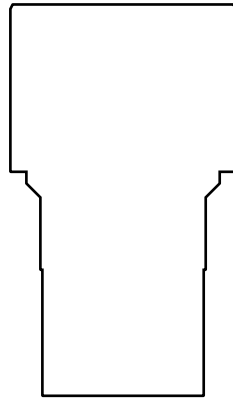
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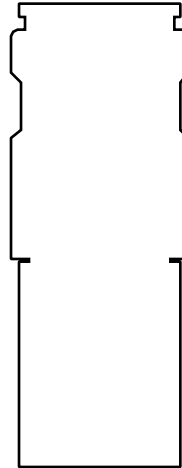
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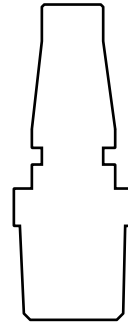
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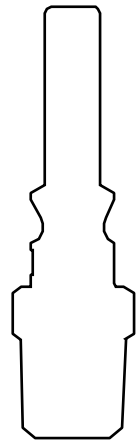
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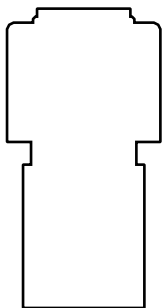
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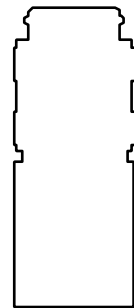
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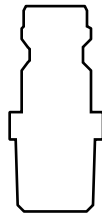
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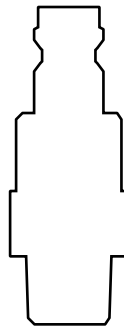
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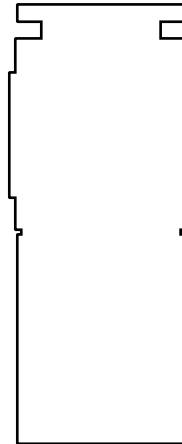
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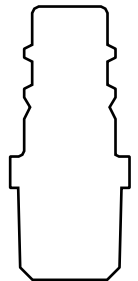
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Type:
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Type:
CB4K



Type:
CB4P
CB4N