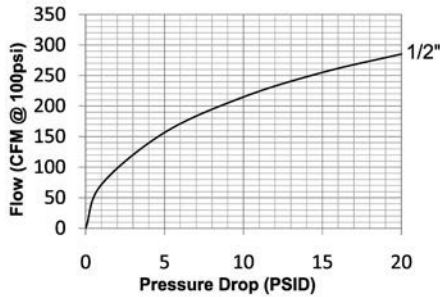


# Pneumatic Couplings: Dual-Lock P-Series

## Interchange Data

- Thor Finger-Lock Interchange
- Interchanges with Thor PHC-Series, National Series A, Dual-Lock, and Campbell Double Lock



## Materials

- Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock
- Stainless steel retaining ring and spring maximize corrosion resistance and extend service life on the 1-piece sleeve; 2-piece sleeve has a phosphor bronze spring
- Steel componentry is plated using ROHS-compliant trivalent chrome
- Steel couplings have a cast zinc sleeve

## Seal Components

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)

## Rated Pressure Chart

Body Size	Dual-Lock P-Series Thor Interchange (Connected)											
	Steel Coupler/Plug				Brass Coupler/Plug				303 Stainless Steel Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/2"	300	20	2,600	180	300	20	3,500	240	300	20	4,500	310

## Technical Specifications

Body Size	Interchange Standards				Functional Parameters					
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Rating	Flow ΔP = 15 PSI	
1/2"	-	-	-	-	Latch Fingers	N/A	N/A	N/R	255 CFM	

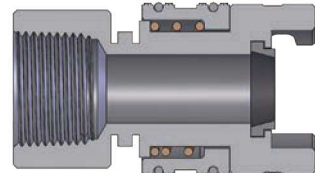
## Available Options

Body Size	Seals	Sleeve Options			Staked Ferrule Option		
	FKM	Flanged	Lock Clip	1/2" Barb	3/4" Barb	3/4" Stainless Barb	
	Prefix	Suffix	Part #	Suffix	Suffix	Suffix	
1/2"	F-	-FS	4P-CLIP	-WF	-WF	-WF	

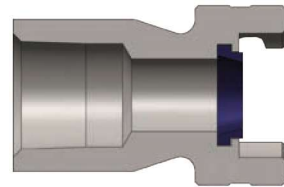
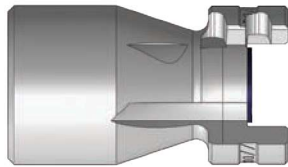


Dual-Lock P Series Coupler with -FS Flanged Sleeve Option

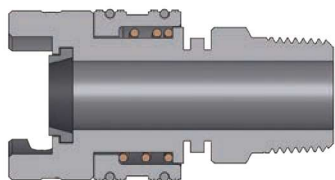
## Pneumatic Couplings: Dual-Lock P-Series



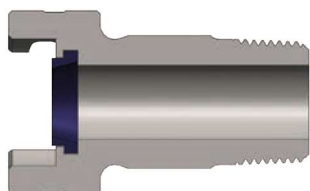
Body Size	Dual-Lock P-Series Coupler (Female Threads)							
	Part Detail			Length		Maximum OD		Wrench Flats
	Part #	Threads	Material	Inch	mm	Inch	mm	
1/2"	4PF4	1/2" - 14 NPTF	steel	2.75	69.9	1.55	39.4	1-1/4"
	4PF6	3/4" - 14 NPTF	steel	2.75	69.9	1.55	39.4	1-1/4"
	4PF6-B	3/4" - 14 NPTF	brass	2.75	69.9	1.55	39.4	1-1/4"
	4PF6-S	3/4" - 14 NPTF	303 stainless	2.75	69.9	1.55	39.4	1-1/4"



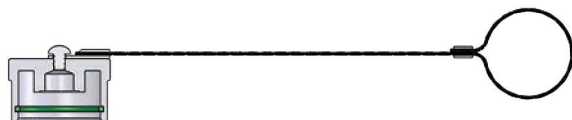
Body Size	Dual-Lock P-Series Plug (Female Threads)							
	Part Detail			Length		Maximum OD		Wrench Flats
	Part #	Threads	Material	Inch	mm	Inch	mm	
1/2"	P4F3	3/8" - 18 NPTF	steel	1.79	45.5	1.55	39.4	7/8"
	P4F4	1/2" - 14 NPTF	steel	2.25	57.2	1.55	39.4	1-5/16"
	P4F4-B	1/2" - 14 NPTF	brass	2.25	57.2	1.55	39.4	1-5/16"
	P4F6	3/4" - 14 NPTF	steel	2.34	59.4	1.55	39.4	1-5/16"
	P4F6-9	3/4" - 14 NPTF	steel/PTFE coat	2.34	59.4	1.55	39.4	1-5/16"
	P4F6-B	3/4" - 14 NPTF	brass	2.34	59.4	1.55	39.4	1-5/16"
	P4F6-S	3/4" - 14 NPTF	303 stainless	2.34	59.4	1.55	39.4	1-5/16"
	P4F8	1" - 11-1/2 NPTF	steel	2.76	70.1	1.55	39.4	1-7/16"
	P4F8-B	1" - 11-1/2 NPTF	brass	2.76	70.1	1.55	39.4	1-7/16"



Body Size	Dual-Lock P-Series Coupler (Male Threads)							
	Part Detail			Length		Maximum OD		Wrench Flats
	Part #	Threads	Material	Inch	mm	Inch	mm	
1/2"	4PM3	3/8" - 18 NPTF	steel	2.93	74.4	1.55	39.4	7/8"
	4PM4	1/2" - 14 NPTF	steel	2.94	74.7	1.55	39.4	7/8"
	4PM6	3/4" - 14 NPTF	steel	2.98	75.7	1.55	39.4	1-1/16"
	4PM6-9	3/4" - 14 NPTF	steel/PTFE coat	2.98	75.7	1.55	39.4	1-1/16"
	4PM6-S	3/4" - 14 NPTF	303 stainless	2.98	75.7	1.55	39.4	1-1/16"
	4PM8	1" - 11-1/2 NPTF	steel	3.11	79.0	1.55	39.4	1-3/8"

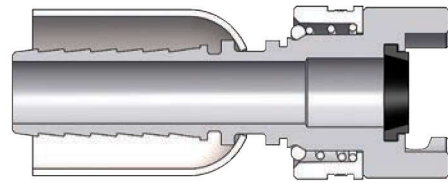
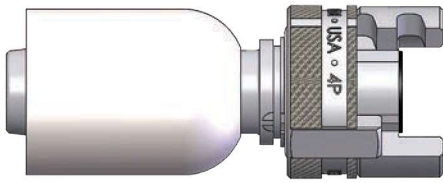


Body Size	Dual-Lock P-Series Plug (Male Threads)							
	Part Detail			Length		Maximum OD		Wrench Flats
	Part #	Threads	Material	Inch	mm	Inch	mm	
1/2"	P4M3	3/8" - 18 NPTF	steel	2.00	50.8	1.55	39.4	7/8"
	P4M4	1/2" - 14 NPTF	steel	2.25	57.2	1.55	39.4	15/16"
	P4M4-B	1/2" - 14 NPTF	brass	2.25	57.2	1.55	39.4	15/16"
	P4M6	3/4" - 14 NPTF	steel	2.55	64.8	1.55	39.4	1-1/8"
	P4M6-9	3/4" - 14 NPTF	steel/PTFE coat	2.55	64.8	1.55	39.4	1-1/8"
	P4M6-B	3/4" - 14 NPTF	brass	2.55	64.8	1.55	39.4	1-1/8"
	P4M6-S	3/4" - 14 NPTF	303 stainless	2.55	64.8	1.55	39.4	1-1/8"
	P4M8	1" - 11-1/2 NPTF	steel	3.25	82.6	1.55	39.4	1-3/8"
	P4M8-B	1" - 11-1/2 NPTF	brass	3.25	82.6	1.55	39.4	1-3/8"



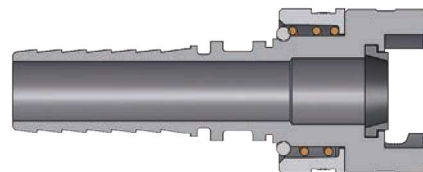
Body Size	Dual-Lock P-Series Cap		
	Part Detail		
	Part #	Cap Lanyard	Material
1/2"	4PDC-A	steel	aluminum

## Pneumatic Couplings: Dual-Lock P-Series



Dual-Lock P-Series Coupler with Ferrule (Hose Barb)

Body Size	Dual-Lock P-Series Coupler with Ferrule (Hose Barb)								
	Part Detail			Hose OD		Length		Maximum OD	
	Part #	Hose ID	Material	From	To	Inch	mm	Inch	mm
1/2"	4PS4-WF	1/2" barb	steel	54/64"	1-2/64"	3.95	100.30	1.55	39.40
	4PS4-B-WF	1/2" barb	brass	54/64"	1-2/64"	3.95	100.30	1.55	39.40
	4PS6-WF	3/4" barb	steel	1-10/64"	1-22/64"	3.95	100.30	1.55	39.40
	4PS6-B-WF	3/4" barb	brass	1-10/64"	1-22/64"	3.95	100.30	1.55	39.40
	4PS6-S-WF	3/4" barb	303 stainless	1-10/64"	1-22/64"	3.95	100.30	1.55	39.40



Dual-Lock P-Series Coupler (Hose Barb)

Body Size	Dual-Lock P-Series Coupler (Hose Barb)							
	Part Detail			Length		Maximum OD		Hex Inch
	Part #	Hose ID	Material	Inch	mm	Inch	mm	
1/2"	4PS3	3/8"	steel	3.53	89.7	1.55	39.4	-
	4PS4	1/2"	steel	3.95	100.3	1.55	39.4	-
	4PS4-B	1/2"	brass	3.95	100.3	1.55	39.4	-
	4PS6	3/4"	steel	3.95	100.3	1.55	39.4	-
	4PS6-9	3/4"	steel/PTFE coat	3.95	100.3	1.55	39.4	-
	4PS6-B	3/4"	brass	3.95	100.3	1.55	39.4	-
	4PS6-S	3/4"	303 stainless	3.95	100.3	1.55	39.4	-
	4PS8	1"	steel	6.06	153.9	1.55	39.4	-
	4PS8-B	1"	brass	6.06	153.9	1.55	39.4	-

Dual-Lock P-Series Replacement Seals

Body Size	Dual-Lock P-Series Replacement Seals			
	Part Detail			Seal Kit Contents
	Part #	Coupler Style	Material	
1/2"	4P-SKIT	all	Nitrile	sealing gasket
	F-4P-SKIT	all	FKM	sealing gasket