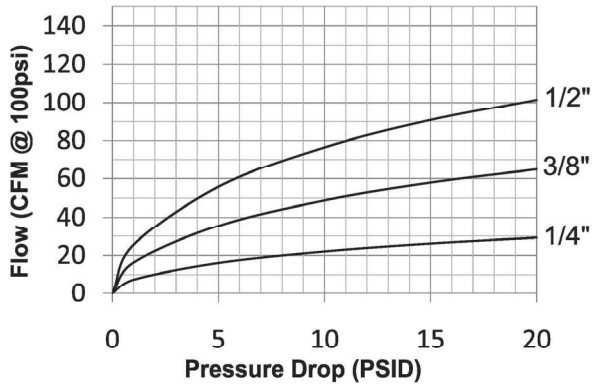


## Pneumatic Couplings: J-Series

### Interchange Data

- Tru-Flate automotive interchange style
- Parker 10-Series
- Rectus 55KM



Rated Pressure Chart

### Materials

- Machined components are manufactured using solid steel or brass bar stock
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life
- Steel componentry is plated using ROHS-compliant trivalent chrome
- 1/4" couplers constructed of brass with steel sleeve and steel tubular valve as standard
- 3/8" and 1/2" couplers constructed of steel as standard with steel tubular valves

### Seal Components

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

Body Size	J-Series Automotive Interchange (Connected)															
	Brass Coupler/Steel Plug				Brass Coupler/Plug				Steel Coupler/Plug				303 Stainless Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	500	35	11,500	793	300	20	10,500	724	-	-	-	-	-	-	-	-
3/8"	-	-	-	-	-	-	-	-	500	35	18,000	1,241	-	-	-	-
1/2"	-	-	-	-	-	-	-	-	500	35	10,000	690	-	-	-	-

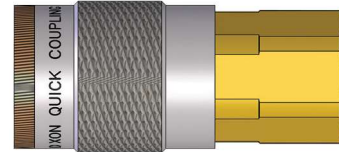
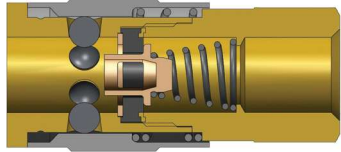
### Technical Specifications

Body Size	Interchange Standards				Functional Parameters					
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow ΔP = 15 PSI	
1/4"	-	-	-	-	6	N/A	N/A	N/R	26 CFM	
3/8"	-	-	-	-	6	N/A	N/A	N/R	58 CFM	
1/2"	-	-	-	-	6	N/A	N/A	N/A	91 CFM	

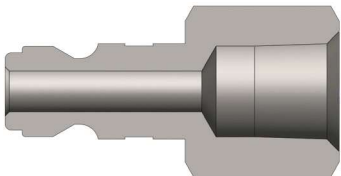
### Available Options

Body Size	Seal Options		Valve Options			Sleeve Options				Treatments
	FKM	EPDM	Unvalved	Brass	303 SS	Flanged	Sleeve-Lock	Brass	303 SS	Oxy-Clean
	Pre	Pre	Suf	Suf	Suf	Suf	Suf	Suf	Suf	Suf
1/4"	F-	P-	-E	-BV	-SV	-FS	-LS	-BS	-XS	-C1
3/8"	F-	N/A	-E	-BV	-SV	N/A	-LS	N/A	-XS	-C1
1/2"	F-	N/A	-E	-BV	-SV	N/A	-LS	N/A	-XS	-C1

**!** Operating pressure for couplings utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application. Dixon Quick Coupling cannot assume liability for misapplication of production resulting in equipment down-time, lost production, and/or personal injury including death.

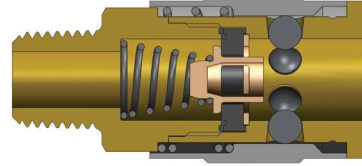
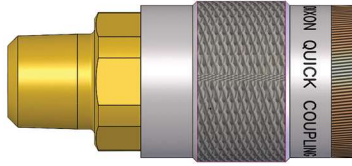


Body Size	J-Series Automotive Interchange Coupler (Female Threads)							
	Part Detail			Length		Maximum OD		Hex Inch
	Part #	Threads	Material	inch	mm	inch	mm	
1/4"	2JF1-B	1/8" - 27 NPTF	brass	1.83	46.5	0.88	22.4	3/4"
	2JF2-B	1/4" - 18 NPTF	brass	2.04	51.8	0.88	22.4	3/4"
	2JF3-B	3/8" - 18 NPTF	brass	2.14	54.4	0.88	22.4	13/16"
3/8"	3JF2	1/4" - 18 NPTF	steel	2.25	57.2	1.06	26.9	7/8"
	3JF3	3/8" - 18 NPTF	steel	2.48	63.0	1.06	26.9	7/8"
	3JF4	1/2" - 14 NPTF	steel	2.61	66.3	1.06	26.9	1"
1/2"	4FF3	3/8" - 18 NPTF	steel	2.85	72.5	1.24	31.4	1"
	4FF4	1/2" - 14 NPTF	steel	3.06	77.8	1.24	31.4	1"
	4FF6	3/4" - 14 NPTF	steel	3.15	79.9	1.24	31.4	1-3/16"

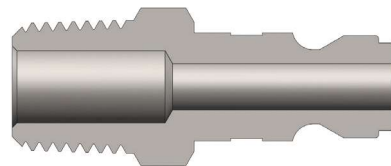


Body Size	J-Series Automotive Interchange Plug (Female Threads)							
	Part Detail			Length		Maximum OD		Hex Inch
	Part #	Threads	Material	inch	mm	inch	mm	
1/4"	J2F1	1/8" - 27 NPTF	steel	1.34	34.0	0.65	16.5	9/16"
	J2F2	1/4" - 18 NPTF	steel	1.56	39.6	0.79	20.1	11/16"
	J2F2-B	1/4" - 18 NPTF	brass	1.56	39.6	0.79	20.1	11/16"
	J2F3	3/8" - 18 NPTF	steel	1.56	39.6	1.01	25.7	7/8"
3/8"	J3F2	1/4" - 18 NPTF	steel	1.75	44.5	0.79	20.1	11/16"
	J3F3	3/8" - 18 NPTF	steel	1.75	44.5	1.01	25.7	7/8"
	J3F4	1/2" - 14 NPTF	steel	1.91	48.5	1.16	29.5	1"
1/2"	J4F3	3/8" - 18 NPTF	steel	2.11	53.6	1.01	25.7	7/8"
	J4F4	1/2" - 14 NPTF	steel	2.26	57.4	1.16	29.5	1"
	J4F6	3/4" - 14 NPTF	steel	2.31	58.7	1.37	34.8	1-3/16"

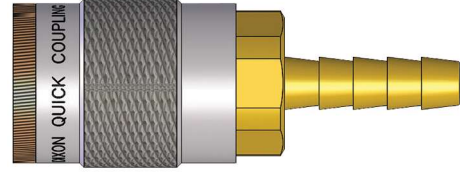
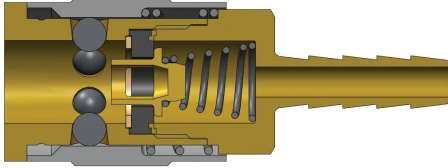
## Pneumatic Couplings: J-Series



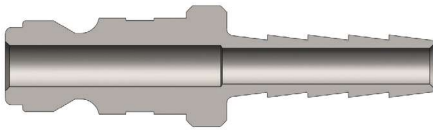
Body Size	J-Series Automotive Interchange Coupler (Male Threads)							
	Part Detail			Length		Maximum OD		Hex Inch
	Part #	Threads	Material	inch	mm	inch	mm	
1/4"	2JM1-B	1/8" - 27 NPTF	brass	1.88	47.8	0.88	22.4	3/4"
	2JM2-B	1/4" - 18 NPTF	brass	2.05	52.0	0.88	22.4	3/4"
	2JM3-B	3/8" - 18 NPTF	brass	2.08	52.8	0.88	22.4	3/4"
3/8"	3JM2	1/4" - 18 NPTF	steel	2.45	62.2	1.06	26.9	7/8"
	3JM3	3/8" - 18 NPTF	steel	2.46	62.5	1.06	26.9	7/8"
	3JM4	1/2" - 14 NPTF	steel	2.55	64.8	1.06	26.9	7/8"
1/2"	4FM3	3/8" - 18 NPTF	steel	2.97	75.4	1.19	30.2	1"
	4FM4	1/2" - 14 NPTF	steel	3.07	78.0	1.19	30.2	1"
	4FM6	3/4" - 14 NPTF	steel	3.12	79.2	1.19	30.2	1-1/16"



Body Size	J-Series Automotive Interchange Plug (Male Threads)							
	Part Detail			Length		Maximum OD		Hex Inch
	Part #	Threads	Material	inch	mm	inch	mm	
1/4"	J2M1	1/8" - 27 NPTF	steel	1.47	37.3	0.58	14.7	1/2"
	J2M2	1/4" - 18 NPTF	steel	1.59	40.4	0.65	16.5	9/16"
	J2M2-B	1/4" - 18 NPTF	brass	1.59	40.4	0.65	16.5	9/16"
	J2M3	3/8" - 18 NPTF	steel	1.65	41.9	0.79	20.1	3/4"
3/8"	J3M2	1/4" - 18 NPTF	steel	1.78	45.2	0.79	20.1	11/16"
	J3M3	3/8" - 18 NPTF	steel	1.84	46.7	0.79	20.1	3/4"
	J3M4	1/2" - 14 NPTF	steel	2.00	50.8	1.01	25.7	7/8"
1/2"	J4M3	3/8" - 18 NPTF	steel	2.20	55.9	0.79	20.1	11/16"
	J4M4	1/2" - 14 NPTF	steel	2.35	59.7	1.01	25.7	7/8"
	J4M6	3/4" - 14 NPTF	steel	2.51	63.8	1.23	31.2	1-1/16"

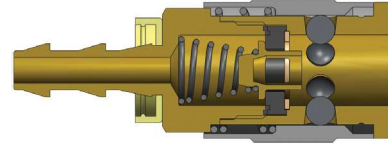
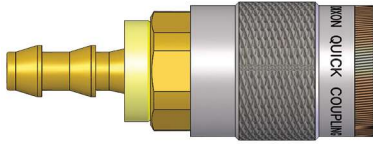


Body Size	J-Series Automotive Interchange Coupler (Standard Hose Barb)							
	Part Detail			Length		Maximum OD		Hex Inch
	Part #	Hose ID	Material	inch	mm	inch	mm	
1/4"	2JS2-B	1/4"	brass	2.53	64.3	0.88	22.4	3/4"
	2JS3-B	3/8"	brass	2.53	64.3	0.88	22.4	3/4"
3/8"	3JS2	1/4"	steel	2.86	72.6	1.06	26.9	7/8"
	3JS3	3/8"	steel	2.86	72.6	1.06	26.9	7/8"
	3JS4	1/2"	steel	2.86	72.6	1.06	26.9	7/8"
1/2"	4FS3	3/8"	steel	3.49	88.6	1.19	30.2	1"
	4FS4	1/2"	steel	3.49	88.6	1.19	30.2	1"
	4FS6	3/4"	steel	3.49	88.6	1.19	30.2	1"



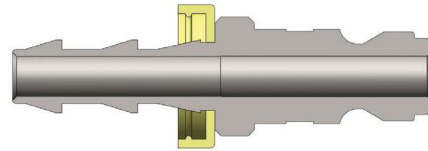
Body Size	J-Series Automotive Interchange Plug (Standard Hose Barb)							
	Part Detail			Length		Maximum OD		Hex Inch
	Part #	Hose ID	Material	inch	mm	inch	mm	
1/4"	J2S2	1/4"	steel	1.99	50.5	0.56	14.2	-
	J2S3	3/8"	steel	1.99	50.5	0.56	14.2	-
3/8"	J3S2	1/4"	steel	2.18	55.4	0.75	19.1	-
	J3S3	3/8"	steel	2.18	55.4	0.75	19.1	-
	J3S4	1/2"	steel	2.18	55.4	0.75	19.1	-
1/2"	J4S3	3/8"	steel	2.54	64.5	0.75	19.1	-
	J4S4	1/2"	steel	2.54	64.5	0.75	19.1	-
	J4S6	3/4"	steel	2.54	64.5	0.94	23.9	-

## Pneumatic Couplings: J-Series



J-Series Automotive Interchange Coupler (Push-Loc Barb)

Body Size	J-Series Automotive Interchange Coupler (Push-Loc Barb)							
	Part Detail			Length		Maximum OD		Hex Inch
	Part #	Hose ID	Material	inch	mm	inch	mm	
1/4"	2JB2-B	1/4"	brass	2.37	60.2	0.88	22.4	3/4"
	2JB3-B	3/8"	brass	2.49	63.2	0.88	22.4	3/4"
3/8"	3JB2	1/4"	steel	2.80	71.1	1.06	26.9	7/8"
	3JB3	3/8"	steel	2.80	71.1	1.06	26.9	7/8"
	3JB4	1/2"	steel	2.80	71.1	1.06	26.9	7/8"
1/2"	4FB3	3/8"	steel	3.40	86.4	1.19	30.2	1"
	4FB4	1/2"	steel	3.40	86.4	1.19	30.2	1"



J-Series Automotive Interchange Plug (Push-Loc Barb)

Body Size	J-Series Automotive Interchange Plug (Push-Loc Barb)							
	Part Detail			Length		Maximum OD		Hex Inch
	Part #	Hose ID	Material	inch	mm	inch	mm	
1/4"	J2B2	1/4"	steel	2.09	53.1	0.69	17.5	-
	J2B3	3/8"	steel	2.09	53.1	0.86	21.8	-
3/8"	J3B3	3/8"	steel	2.21	56.1	0.75	19.1	-
1/2"	J4B4	1/2"	steel	2.67	67.8	0.75	19.1	-

J Series Profiles

Body Size	A	B
1/4"	0.42	0.06
3/8"	0.56	0.13
1/2"	0.65	0.13

