

Quick-Connect Fluid Fittings

Jiffy-tite has been the preferred manufacturer of fluid connectors for the industrial and original equipment manufacturer sector of the automotive industry since 1963.

After 5 years of research and development on the track, in the lab, and on the dyno, jiffy-tite proudly offers a full line of quick-connect fluid fittings that are second to none, with by far the quickest connection in the industry.

Jiffy-tite's revolutionary Quick-Connect Fluid Fittings provide unsurpassed performance under extreme racing conditions. Made of lightweight, high quality aircraft aluminum, brass valves, and stainless steel ball bearings, they are corrosion resistant for extra long life.

As the connector of choice since 1963 to Industrial and Original Equipment Manufacturers worldwide, Jiffy-tite's state-of-the-art Quick-Connect Fluid Fittings provide much better seal integrity than virtually any other product on the market.

**NOW
AVAILABLE**

45° & 90° Elbows



P/N
JT51610D

Available for any 2000, 3000 & 5000 Series application.
Also available for any carburetor kit.

To order a 45° elbow, add D to the end of the p/n.

To order a 90° elbow, add E to the end of the p/n.



P/N
JT51612E

For ex.

JT22606D to order 45° elbow

JT22606E to order 90° elbow

The Jiffy-tite Advantage

- 100% Leak Proof Seal - Once Disconnected, Both Connections Keep the Fluid from Dripping Out.
- Designed Specifically for Race Applications.
- Lightweight, Compact.
- High-Flow, Minimum Restriction.
- Excellent Wear Resistance.
- Black & Gold Anodized.
- All Aluminium Constructed of 6061-T6, Brass Valves, & Stainless Steel Ball Bearings.
- 360° Swivel.
- Excellent Corrosion Resistance.
- Easily Connects and Disconnects by Hand in Seconds.
- Ribbed Collar Provides Slip Proof Use.
- Wide Variety of Interchangeable Adapters.

- Available for Most Fuel, Oil and Water Applications.
- Made in the U.S.A.
- Replaces Any Fitting in Any Location.
- Ideal for Fuel Sampling.
- SCCA Accepted, NHRA & IHRA Approved.
- Automatic Shut-off When Disconnected Provides Added Safety Feature.
- Available Valved or Non-valved.
- Rated to 200 PSI

QC 2000

2000 Series are available in -3 AN to -6AN in numerous adapter styles.
1/8" and 1/4" NPT are available in male and female.

3000 Series are available in -6 AN to -8 AN in numerous adapter styles.
1/4" and 3/8" NPT are available in male and female.



2000 & 3000 Series are also available in valved & non-valved Buna N (Nitrile) seals, which are recommended for alcohol and methanol applications.

QC 3000



Parts come standard with valved fluorocarbon seals and are also available non-valved.

2000	3000	Series Valved Connectors		
Part no	Part no	Description	AN	NPT
Parts come standard with fluorocarbon seals				
JT21303		Socket with 37° Flared Female Adapter	3	
JT21304		Socket with 37° Flared Female Adapter	4	
JT21306	JT31306	Socket with 37° Female Adapter	6	
	JT31308	Socket with 37° Female Adapter	8	
JT22303		Plug with 37° Flared Female Adapter	3	
JT22304		Plug with 37° Flared Female Adapter	4	
JT22306	JT32306	Plug with 37° Female Adapter	6	
	JT32308	Plug with 37° Female Adapter	8	
JT21403		Socket with 37° Male Adapter	3	
JT21404		Socket with 37° Male Adapter	4	
JT21406	JT31406	Socket with 37° Male Adapter	6	
	JT31408	Socket with 37° Male Adapter	8	
JT22403		Plug with 37° Male Adapter	3	
JT22404		Plug with 37° Male Adapter	4	
JT22406	JT32406	Plug with 37° Male Adapter	6	
	JT32408	Plug with 37° Male Adapter	8	
JT21503		Socket with Hose Barb Adapter	3	
JT21504		Socket with Hose Barb Adapter	4	
JT21505		Socket with Hose Barb Adapter	5	
JT21506	JT31506	Socket with Hose Barb Adapter	6	
	JT31508	Socket with Hose Barb Adapter	8	
JT22503		Plug with Hose Barb Adapter	3	
JT22504		Plug with Hose Barb Adapter	4	
JT22505		Plug with Hose Barb Adapter	5	
JT22506	JT32506	Plug with Hose Barb Adapter	6	
	JT32508	Plug with Hose Barb Adapter	8	
JT21604		Socket with Reusable Nut Adapter	4	
JT21606	JT31606	Socket with Reusable Nut Adapter	6	
	JT31608	Socket with Reusable Nut Adapter	8	
JT22604		Plug with Reusable Nut Adapter	4	
JT22606	JT32606	Plug with Reusable Nut Adapter	6	
	JT32608	Plug with Reusable Nut Adapter	8	
JT21702		Socket with NPT Female Adapter		1/8"
JT21704	JT31704	Socket with NPT Female Adapter		1/4"
	JT31706	Socket with NPT Female Adapter		3/8"
JT22702		Plug with NPT Female Adapter		1/8"
JT22704	JT32704	Plug with NPT Female Adapter		1/4"
	JT32706	Plug with NPT Female Adapter		3/8"
JT21802		Socket with NPT Male Adapter		1/8"
JT21804	JT31804	Socket with NPT Male Adapter		1/4"
	JT31806	Socket with NPT Male Adapter		3/8"
JT22802		Plug with NPT Male Adapter		1/8"
JT22804	JT32804	Plug with NPT Male Adapter		1/4"
	JT32806	Plug with NPT Male Adapter		3/8"

*All parts available in 45° & 90° elbows
Note:Parts are also available in non-valved fluorocarbon seals and in valved and non-valved Buna N (Nitrile seals. See page XX for more information.



QC 5000

5000

Series Valved Connectors

Part no	Description	AN	NPT
Parts come standard with fluorocarbon seals			
JT51308	Socket with 37° Female Adapter	8	
JT51310	Socket with 37° Female Adapter	10	
JT51312	Socket with 37° Female Adapter	12	
JT52308	Plug with 37° Female Adapter	8	
JT52310	Plug with 37° Female Adapter	10	
JT52312	Plug with 37° Female Adapter	12	
JT51408	Socket with 37° Male Adapter	8	
JT51410	Socket with 37° Male Adapter	10	
JT51412	Socket with 37° Male Adapter	12	
JT52408	Plug with 37° Male Adapter	8	
JT52410	Plug with 37° Male Adapter	10	
JT52412	Plug with 37° Male Adapter	12	
JT51510	Socket with Hose Barb Adapter	10	
JT52510	Plug with Hose Barb Adapter	10	
JT51610	Socket with Reusable Nut Adapter	10	
JT51612	Socket with Reusable Nut Adapter	12	
JT52610	Plug with Reusable Nut Adapter	10	
JT52612	Plug with Reusable Nut Adapter	12	
JT51706	Socket with NPT Female Adapter		3/8"
JT51708	Socket with NPT Female Adapter		1/2"
JT51712	Socket with NPT Female Adapter		3/4"
JT52706	Plug with NPT Female Adapter		3/8"
JT52708	Plug with NPT Female Adapter		1/2"
JT52712	Plug with NPT Female Adapter		3/4"
JT51806	Socket with NPT Male Adapter		3/8"
JT51808	Socket with NPT Male Adapter		1/2"
JT51812	Socket with NPT Male Adapter		3/4"
JT52806	Plug with NPT Male Adapter		3/8"
JT52808	Plug with NPT Male Adapter		1/2"
JT52812	Plug with NPT Male Adapter		3/4"

*All parts available in 45° & 90° elbows

Note: Parts are also available in non-valved fluorocarbon seals and in valved and non-valved Buna N (Nitrile seals. See page XX for more information.

P/N
JT51610

P/N
JT52808

P/N
JT51412

P/N
JT52712

5000 Series are available in -8 AN, -10 AN, & -12 AN in numerous styles. 3/8", 1/2" & 3/4" NPT are available in male and female. Parts come standard with valved fluorocarbon seals and are also available non-valved.

5000 Series are also available in valved & non-valved Buna N (Nitrile) seals, which are recommended for alcohol and methanol applications.



FAST and EASY TO USE:

Connects and disconnects in literally seconds without any tools.

To connect, pull back on the socket collar, insert the male plug, and release the collar.

To disconnect, pull back on the socket collar and the springloaded valve will release the male plug

Valved technology at both the socket and plug assembly provides a 100% leakproof seal and the ribbed collar provides a slip-proof connection.

Jiffy-tite's Quick-Connect Fluid Fittings provide minimal flow restriction virtually any fuel, water or oil system on the market today.

CARBURETOR KITS



P/N
JT200C1

Carburetor Kits

Part no	Description	AN	*TYPICAL APPLICATION
Parts come standard with fluorocarbon seals			
JT200C1	7/8" -20 UNEF Carb Kit, 2 Plugs, 2 Sockets	6	Holley Dominator
JT220C1	7/8" -20 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	6	Holley Center Pivot
JT200C4	9/16"-24 UNEF Carb Kit, 2 Plugs, 2 Sockets	6	Holley Singel Feed, Demon
JT220C4	9/16"-24 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	6	King Demon
JT200C7	5/8" -20 UNEF Carb Kit, 2 Plugs, 2 Sockets	6	Cater Two & Four Barrels
JT220C7	5/8" -20 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	6	Cater Two & Four Barrels
JT300C1	7/8" -20 UNEF Carb Kit, 2 Plugs, 2 Sockets	8	Holley Dominator
JT320C1	7/8" -20 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	8	Holley Center Pivot
JT300C4	9/16"-24 UNEF Carb Kit, 2 Plugs, 2 Sockets	8	Holley Singel Feed, Demon
JT320C4	9/16"-24 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	8	King Demon
JT300C7	5/8" -20 UNEF Carb Kit, 2 Plugs, 2 Sockets	8	Cater Two & Four Barrels
JT320C7	5/8" -20 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	8	Cater Two & Four Barrels

*All parts available in 45° & 90° elbows

Note: Above p/n's are also available with Buna N (Nitrile) seals. Aluminum washers included. All kits come standard vaved.

*This is not exclusive to brands listed above - refer to tour carburetor manufacturer for accurate thread sizes.



Tech Tip
For Alcohol & Methanol
Applications use
Buna N (Nitrile) Seals

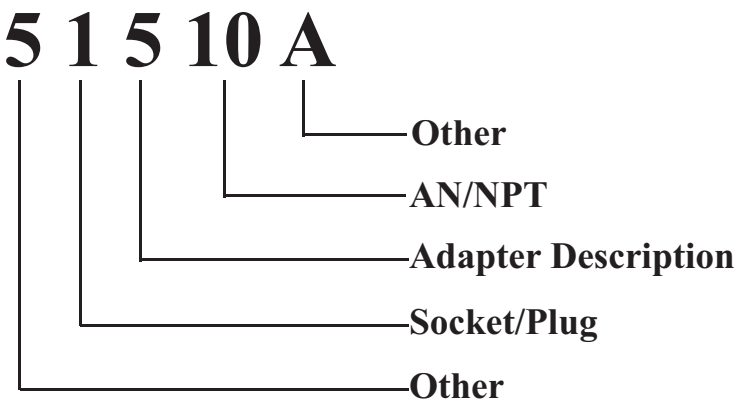
PART NUMBERS

QC Series P/N System

SERIES	SOCKET/PLUG	ADAPTER DESCRIPTION (Parts come standard valved)	AN/NPT	OTHER
0 = Other	0 = Other	0 = Other	XX = AN	A = Non-valve
2 = 2000 Series	1 = Socket	3 = 37° flare female thresded AN design	dash size,	B = Buna N (Nitrile) Seal
3 = 3000 Series	2 = Plug	4 = 37° flare male threaded AN design	or NPT	C = Non-valve Buna N (Nitrile) Seal
5 = 5000 Series		5 = Hose barb adapter design for standard steel-braided rubber hose	thread size	D = 45° Elbow
6 = 6000 Series		6 = Reusable nut design for standard steel-braided rubber hose		E = 90°Elbow
		7 = NPT female threaded design		DB = 45°Elbow with Buna N (Nitrile) seal
		8 = NPT male threaded design		EB = 90°Elbow with Buna N (Nitrile) seal

Examples:

- JT51510 = 5000 Series socket assembly with hose barb adapter for use with standard steel-braided rubber hose, -10AN
JT32606 = 3000 Series plug assembly with reusable nut design for use with standard steel-braided rubber hose, -6 AN
JT200C1D = 2000 Series 7/8-20 UNEF Carb Kit with 45° elbow, -6AN, 2 plugs, 2 sockets
JT21804 = 2000 Series socket assembly with 1/4” male NPT thread
JT22504A = 2000 Series plug assembly with 1/4” male NPT thread, non-valved
JT31408B = 3000 Series socket assembly with 37° flared male adapter, -8 AN, with Buna N (Nitrile) seals
JT52612C = 5000 Series plug assembly with reusable nut design, -12 AN, non-valved, with Buna N (Nitrile) seals

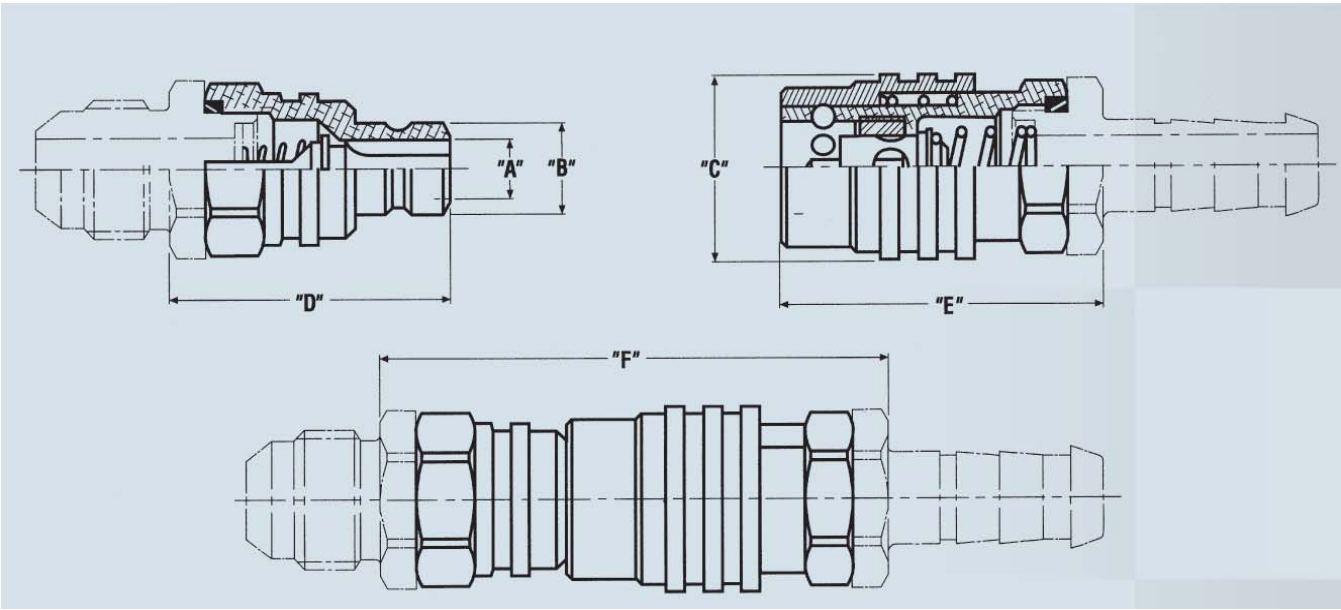


Notes:

- All 2000, 3000 & 5000 parts are available non-valved. They are also available in Buna N (Nitrile) seals for methanol and alcohol applications.
- To order non-valved: Add A to end of P/N
ex. JT51308A
- To order valved Buna N (Nitrile) seal: Add B to end of P/N
ex. JT21303B
- To order non-valved Buna N (Nitrile) seal: Add C to end of P/N
ex. JT32704C



TECHNOLOGY



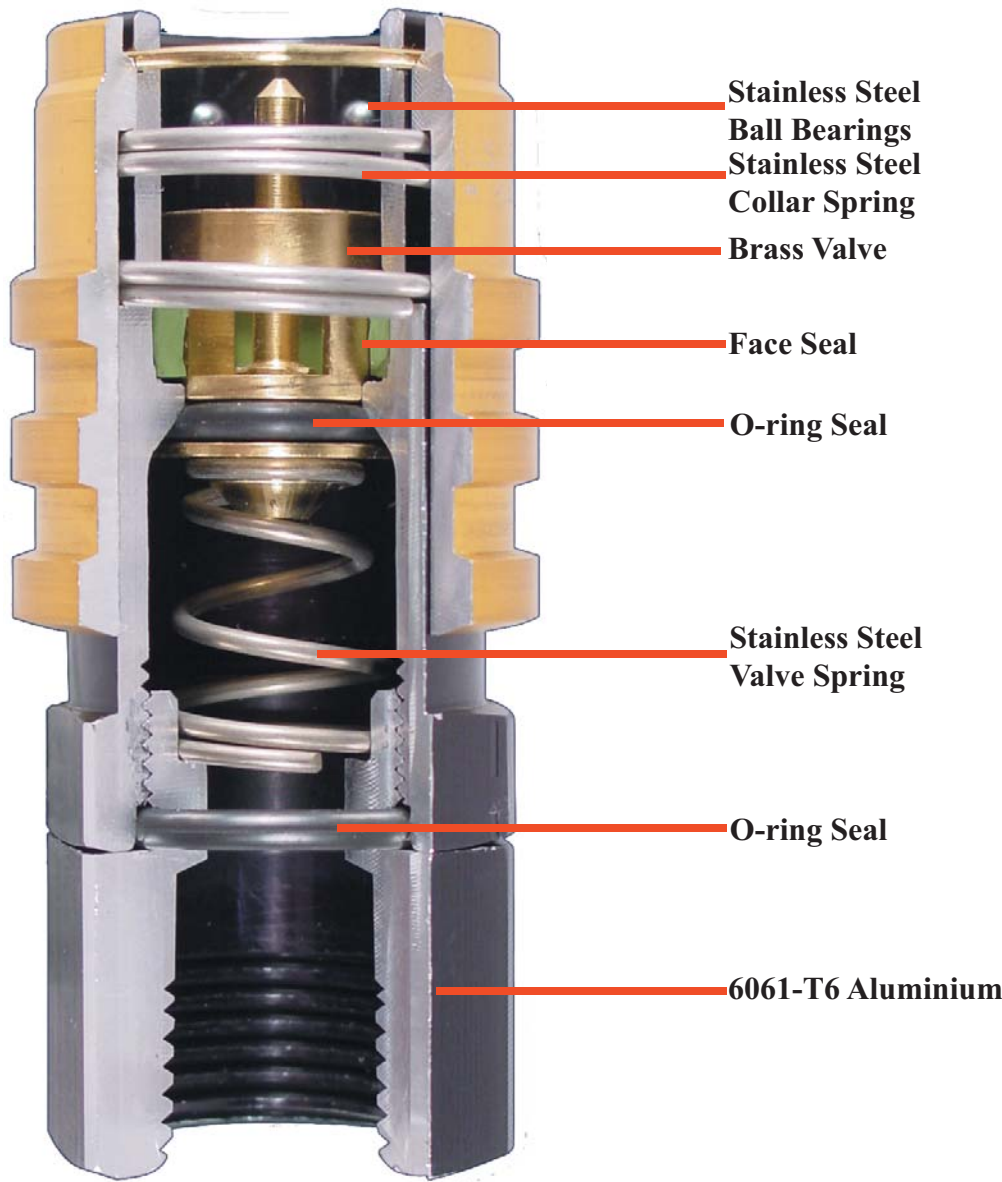
DIMENSIONS

SERIES	In Inches					
	"A"	"B"	"C"	"D"	"E"	"F"
2000	ø.24	ø.37	ø.75	1.68 MAX	1.86 MAX	3.13 MAX
3000	ø.37	ø.53	1.03	2.01 MAX	2.34 MAX	3.74 MAX
5000	ø.59	ø.78	1.37	2.69 MAX	3.06 MAX	5.25 MAX

Pressure / Temp Maximum Operating

Pressure - 200 psi
 Pressure - 13,8 bar
 Temperature 0 - 350° Fahrenheit
 Temperature -17 - +176 C

Internal View of a Standard Jiffy-tite Socket



NBM Hydraulic AB



Flow Information

Inlet pressure and flow through a 3 foot long -6 AN hose with valved Jiffy-tite Quick-Connect Fluid Fittings:

2000 SERIES

Pressure in psi.	Jiffy-tite Valved Flow GPM	Pressure in bar.	Jiffy-tite Valved Flow L/min
5	1,75	0,34	6,62
10	2,32	0,69	8,78
20	3,16	1,38	11,96
30	4,08	2,07	15,44
40	4,23	2,76	16,01
50	4,67	3,45	17,67
60	5,10	4,14	19,30

Flow Information

Inlet pressure and flow through a 2 foot long -8 AN hose with valved Jiffy-tite Quick-Connect Fluid Fittings using standard stoddard solvent with a specific gravity of .750 and 80° fluid temperature

3000 SERIES

Pressure in psi.	Jiffy-tite Valved Flow GPM	Pressure in bar.	Jiffy-tite Valved Flow L/min
5	4,34	0,34	16,42
10	5,31	0,69	20,09
20	6,83	1,38	25,85
30	8,24	2,07	31,18
40	9,49	2,76	35,91
50	10,50	3,45	39,74
60	11,45	4,14	43,33

Flow Information

Inlet pressure and flow through a 2 foot long -10 AN hose with valved Jiffy-tite Quick-Connect Fluid Fittings:

5000 SERIES

Pressure in psi.	Jiffy-tite Valved Flow GPM	Pressure in bar.	Jiffy-tite Valved Flow L/min
5	7,86	0,34	29,75
10	10,64	0,69	40,27
20	14,60	1,38	55,26