



# Quick-Connect Fluid Fittings





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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  
51610D



P/N  
51612E

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.

For ex. 22606D to order 45° elbow  
22606E 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 Aluminum 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



[www.jiffy-tite.com](http://www.jiffy-tite.com)



# QC 2000

2000 Series are available in -3 AN to -6 AN 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

P/N  
31408

P/N  
31608

P/N  
32508

P/N  
32408

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

## 2000 3000 Series Valved Connectors

P/N	P/N	Description	AN	NPT
Parts come standard with fluorocarbon seals				
21303		Socket with 37° Flared Female Adapter	3	-
21304		Socket with 37° Flared Female Adapter	4	-
21306	31306	Socket with 37° Female Adapter	6	-
	31308	Socket with 37° Female Adapter	8	-
22303		Plug with 37° Flared Female Adapter	3	-
22304		Plug with 37° Flared Female Adapter	4	-
22306	32306	Plug with 37° Female Adapter	6	-
	32308	Plug with 37° Female Adapter	8	-
21403		Socket with 37° Male Adapter	3	-
21404		Socket with 37° Male Adapter	4	-
21406	31406	Socket with 37° Male Adapter	6	-
	31408	Socket with 37° Male Adapter	8	-
22403		Plug with 37° Male Adapter	3	-
22404		Plug with 37° Male Adapter	4	-
22406	32406	Plug with 37° Male Adapter	6	-
	32408	Plug with 37° Male Adapter	8	-
21503		Socket with Hose Barb Adapter	3	-
21504		Socket with Hose Barb Adapter	4	-
21505		Socket with Hose Barb Adapter	5	-
21506	31506	Socket with Hose Barb Adapter	6	-
	31508	Socket with Hose Barb Adapter	8	-
22503		Plug with Hose Barb Adapter	3	-
22504		Plug with Hose Barb Adapter	4	-
22505		Plug with Hose Barb Adapter	5	-
22506	32506	Plug with Hose Barb Adapter	6	-
	32508	Plug with Hose Barb Adapter	8	-
21604		Socket with Reusable Nut Adapter	4	-
21606	31606	Socket with Reusable Nut Adapter	6	-
	31608	Socket with Reusable Nut Adapter	8	-
22604		Plug with Reusable Nut Adapter	4	-
22606	32606	Plug with Reusable Nut Adapter	6	-
	32608	Plug with Reusable Nut Adapter	8	-
21702		Socket with NPT Female Adapter	-	1/8"
21704	31704	Socket with NPT Female Adapter	-	1/4"
	31706	Socket with NPT Female Adapter	-	3/8"
22702		Plug with NPT Female Adapter	-	1/8"
22704	32704	Plug with NPT Female Adapter	-	1/4"
	32706	Plug with NPT Female Adapter	-	3/8"
21802		Socket with NPT Male Adapter	-	1/8"
21804	31804	Socket with NPT Male Adapter	-	1/4"
	31806	Socket with NPT Male Adapter	-	3/8"
22802		Plug with NPT Male Adapter	-	1/8"
22804	32804	Plug with NPT Male Adapter	-	1/4"
	32806	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 5 for more information.

## Tech Tip

Jiffy-tite Quick-Connect Fittings will work with all hose styles, except Teflon®. Teflon® is a registered trademark of Dupont.



# QC 5000

## 5000 Series Valved Connectors

P/N	Description - Parts come standard with fluorocarbon seals	AN	NPT
51308	Socket with 37° Female Adapter	8	-
51310	Socket with 37° Female Adapter	10	-
51312	Socket with 37° Female Adapter	12	-
52308	Plug with 37° Female Adapter	8	-
52310	Plug with 37° Female Adapter	10	-
52312	Plug with 37° Female Adapter	12	-
51408	Socket with 37° Male Adapter	8	-
51410	Socket with 37° Male Adapter	10	-
51412	Socket with 37° Male Adapter	12	-
52408	Plug with 37° Male Adapter	8	-
52410	Plug with 37° Male Adapter	10	-
52412	Plug with 37° Male Adapter	12	-
51510	Socket with Hose Barb Adapter	10	-
52510	Plug with Hose Barb Adapter	10	-
51610	Socket with Reusable Nut Adapter	10	-
51612	Socket with Reusable Nut Adapter	12	-
52610	Plug with Reusable Nut Adapter	10	-
52612	Plug with Reusable Nut Adapter	12	-
51706	Socket with NPT Female Adapter	-	3/8"
51708	Socket with NPT Female Adapter	-	1/2"
51712	Socket with NPT Female Adapter	-	3/4"
52706	Plug with NPT Female Adapter	-	3/8"
52708	Plug with NPT Female Adapter	-	1/2"
52712	Plug with NPT Female Adapter	-	3/4"
51806	Socket with NPT Male Adapter	-	3/8"
51808	Socket with NPT Male Adapter	-	1/2"
51812	Socket with NPT Male Adapter	-	3/4"
52806	Plug with NPT Male Adapter	-	3/8"
52808	Plug with NPT Male Adapter	-	1/2"
52812	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 5 for more information.

## 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 spring-loaded 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 for virtually any fuel, water or oil system on the market today.

P/N  
51610

P/N  
52808

P/N  
51412

P/N  
52712

**5000 Series are available in -8 AN, -10 AN, & -12 AN in numerous adapter 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.**



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# TRANSMISSION KITS



P/N  
200T1



P/N	Description - Parts come standard with fluorocarbon seals	AN
200T1	Transmission Kit: 2 Steel Braided Hoses (1/4" NPT), 2 Reducers (1/4" NPT to 1/8" NPT), 1 Plug, 1 Socket	6
200T2	Transmission Kit: 2 Steel Braided Hoses (1/4" NPT), 2 Reducers (1/4" NPT to 1/8" NPT)	6
200T3	Transmission Kit Assembly with 2 - 45° Elbows (1/8" NPT), 2 Plugs, 2 Sockets	6
200T4	Transmission Kit Assembly with 2 - 45° Elbows (1/4" NPT), 2 Plugs, 2 Sockets	6

**Note:** All kits come standard valved

Changeovers are a breeze with the Jiffy-tite Transmission Kit. By connecting and disconnecting in seconds without any tools you can reduce your time substantially. Simply unhook the self sealing quick disconnect fittings and the job is done with no leaks or mess.

The Jiffy-tite Transmission Kits are available to fit virtually all transmissions.

# CARBURETOR KITS



P/N  
200C1

P/N	Description -Parts come standard with fluorocarbon seals	AN	*TYPICAL APPLICATION
200C1	7/8" - 20 UNEF Carb Kit, 2 Plugs, 2 Sockets	6	Holley® Dominator
220C1	7/8" - 20 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	6	Holley® Center Pivot
200C4	9/16"- 24 UNEF Carb Kit, 2 Plugs, 2 Sockets	6	Holley® Single Feed, Demon™,
220C4	9/16"- 24 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	6	King Demon™
200C7	5/8" - 20 UNEF Carb Kit, 2 Plugs, 2 Sockets	6	Carter® Two & Four Barrels
220C7	5/8" - 20 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	6	
300C1	7/8" - 20 UNEF Carb Kit, 2 Plugs, 2 Sockets	8	Holley® Dominator
320C1	7/8" - 20 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	8	Holley® Center Pivot
300C4	9/16"- 24 UNEF Carb Kit, 2 Plugs, 2 Sockets	8	Holley® Single Feed, Demon™,
320C4	9/16"- 24 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	8	King Demon™
300C7	5/8" - 20 UNEF Carb Kit, 2 Plugs, 2 Sockets	8	Carter® Two & Four Barrels
320C7	5/8" - 20 UNEF Carb Plug, Includes 2 Plugs & 2 Washers	8	

**\* 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 valved.

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

Holley® is a registered trademark of Holley Performance Products, Inc.

Demon™ is a registered trademark of Barry Grant, Inc.

Carter® is a registered trademark of Federal Mogul Corp.

## Tech Tip

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



# PART NUMBERS

## QC Series P/N System

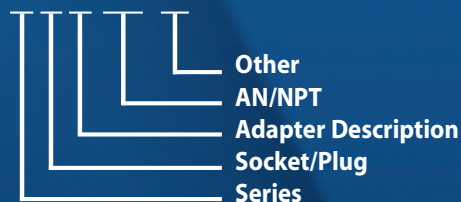
SERIES	SOCKET/PLUG	ADAPTER DESCRIPTION (Parts come standard valved)	AN/NPT	OTHER
0 = Other 2 = 2000 Series 3 = 3000 Series 5 = 5000 Series 6 = 6000 Series	0 = Other 1 = Socket 2 = Plug	0 = Other 3 = 37° flare female threaded AN design 4 = 37° flare male threaded AN design 5 = Hose barb adapter design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

### Examples:

51510 = 5000 Series socket assembly with hose barb adapter for use with standard steel-braided rubber hose, -10 AN  
 32606 = 3000 Series plug assembly with reusable nut design for use with standard steel-braided rubber hose, -6 AN  
 200C1D = 2000 Series 7/8-20 UNEF Carb Kit with 45° elbow, -6AN, 2 plugs, 2 sockets.  
 21804 = 2000 Series socket assembly with 1/4" male NPT thread  
 22804A = 2000 Series plug assembly with 1/4" male NPT thread, non-valved  
 31408B = 3000 Series socket assembly with 37° flared male adapter, -8 AN, with Buna N (Nitrile) seals  
 52612C = 5000 Series plug assembly with reusable nut design, -12 AN, non-valved, with Buna N (Nitrile) seals

**Jiffy-tite Quick-Connects are  
Available from Your  
Performance Parts Retailer**

### 51510 A



### 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. 51308A

To order valved Buna N (Nitrile) seal:  
Add B to end of P/N  
ex. 21303B

To order non-valved Buna N (Nitrile) seal:  
Add C to end of P/N  
ex. 32704C

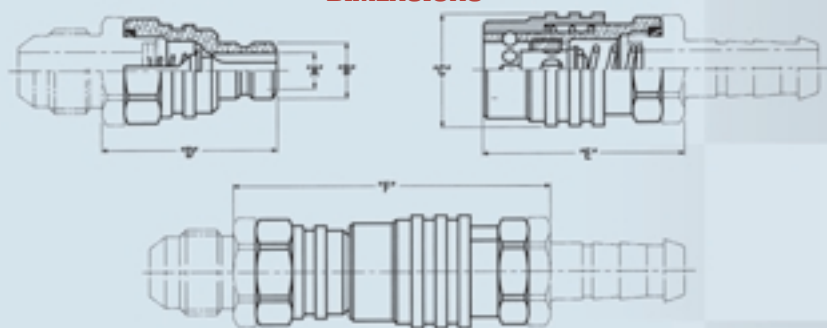
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# TECHNOLOGY



## DIMENSIONS

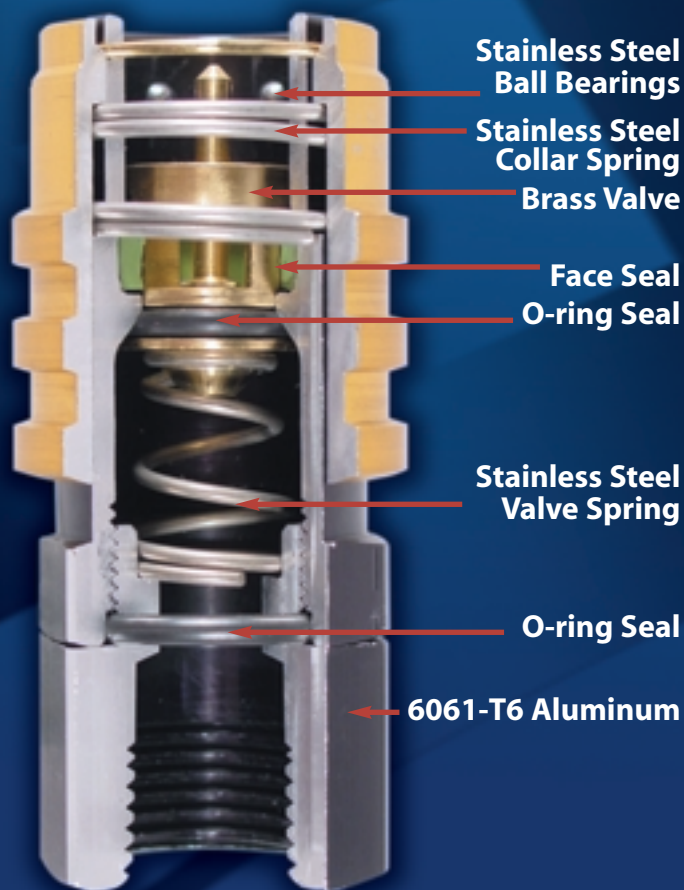


in inches	SERIES	"A "	"B "	"C "	"D "	"E "	"F "
	2000	Ø.24	Ø.37	Ø.75	1.68 MAX.	1.86 MAX.	3.13 MAX.
	3000	Ø.37	Ø.53	1.03	2.01 MAX.	2.34 MAX.	3.74 MAX.
	5000	Ø.59	Ø.78	1.37	2.69 MAX.	3.06 MAX.	5.25 MAX.

## Pressure/Temp

Maximum Operating  
Pressure - 200 psi  
Temperature 0 - 350° Fahrenheit

## Internal View of a Standard Jiffy-tite Socket



## 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
	5	1.75
	10	2.32
	20	3.16
	30	4.08
	40	4.23
	50	4.67
	60	5.10

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
	5	4.34
	10	5.31
	20	6.83
	30	8.24
	40	9.49
	50	10.50
	60	11.45

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
	5	7.86
	10	10.64
	20	14.60



Our mission is to ensure our company's long-term success by thoroughly delighting our customers with innovative and quality solutions that are continuously improved, and second to none.

We will achieve this mission with harmonious teamwork among employees, customers, and suppliers.

The achievement of our mission will be determined by our customers' success through using our products and services and the degree to which the company, employees and suppliers are enriched.

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