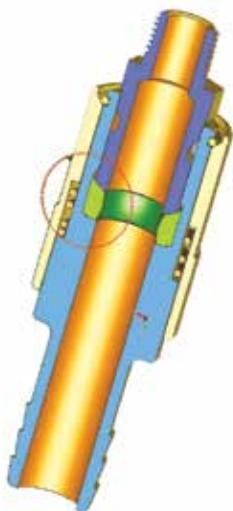




# JIFFY WATER FITTINGS

JIFFY-TITE®, JIFFY-MATIC® & JIFFY-LOK®  
TRUSTED, RELIABLE MOLD COOLING COMPONENTS

# JIFFY-TITE®



## Jiffy-Tite® Delivers Trusted and Reliable Products

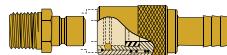
The Jiffy-Tite® line of mold cooling components is the industry's most trusted and reliable product range in the injection molding industry. These highly durable and long-lasting components have been the industry benchmark for quality for injection molders for over five decades. It's no surprise that the plastics industry has come to rely on Jiffy-Tite, whose vision and innovation led to the invention of the original ground-breaking face seal technology for quick disconnects more than half a century ago.

These premium products deliver superior quality, unique design, unmatched performance, and the tightest tolerances in the industry – all at a competitive cost. Highly engineered components include quick-disconnect connectors, male and female plugs, extension plugs, straight and spiral brass baffles, water and cascade water junctions, pressure plugs, coolant bridges, and seal removal replacement kits. The bottom line is that Jiffy-Tite components are highly reliable and leak-proof, ensuring the most consistent and efficient mold cooling operations.

## Greater Value than the Rest

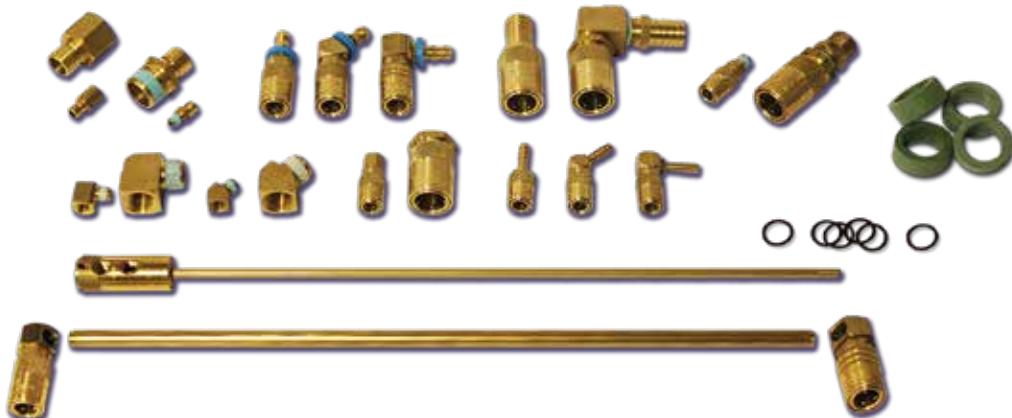
Jiffy-Tite components manufactured from high-quality brass are distinguished by a wide range of unique benefits that differentiate them from the competition. Jiffy-Tite's quick-disconnect sockets feature a novel 0.005" to 0.015" step in the sealing surface of the socket to help prevent leaks. A Viton® fluoroelastomer seal provides greater heat resistance and chemical resistance versus typically used silicone seals. Tight-tolerance manufacturing results in consistent pressure in the socket which ensures leak-free performance.

Also unique is the valve component design which eliminates the risk of reverse shut off. With competitive brands, valve components could become dislodged or disengaged causing the valve to shut or stay shut during operation. The internal socket and plug and valve component design eliminate this problem and promote excellent part mating capabilities to ensure smoother operation.



Jiffy-Tite's thread sealant offers superior performance for plugs. Jiffy Seal is pliable, resists drying, and offers significantly better sealing compared to less expensive products that may flake off. The high-performance seal eliminates the need for TPFE tape, thus reducing cost and speeding up set-up times.

Jiffy-Tite components are manufactured under ISO 9000/9001 quality standards and undergo extensive leak and compression testing. Supported by leading-edge engineering and technology, they are the time-tested standard which gives injection molders the required confidence and performance to run highly efficient and smooth mold cooling operations.



**\*NOTE:** It is up to the customer to verify that the use of Viton seal is compatible with the application and coolant medium being used. Viton is incompatible with highly polar chemicals, organic acids, amines, ketones, acetone, eaters and acetic acid. Other seal materials can be provided on request.

# JIFFY-TITE® CONNECTORS

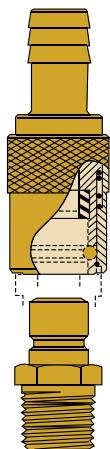
DME Jiffy-Tite plugs used with DME Jiffy-Tite (flow-thru type) Sockets and DME Jiffy-Matic (automatic shut-off type) Sockets are designed for use with plastics molds and die-cast dies in water, air or oil lines. They feature a combination brass and stainless steel leakproof construction, have a maximum rated capacity of 200 psi and withstand temperatures up to 400°F with supplied Viton seals. DME Jiffy-Tite and Jiffy-Matic Sockets can be used interchangeably with the same Jiffy-Tite Plugs already in your mold or die. Comparable sizes of both type sockets have the same O.D., permitting interchangeability even when the plugs are flush mounted.



PLUG



SOCKET



## Jiffy-Tite® Sockets – JS (Flow-Thru Type)

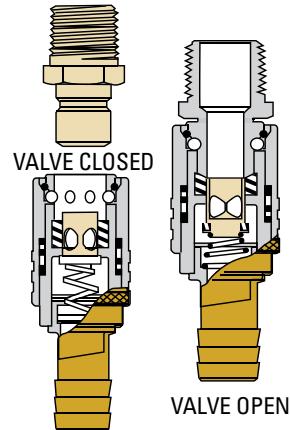
DME Jiffy-Tite Sockets have a large thru hole to provide unrestricted flow. These quick-connection couplers are available with either straight, 45° or 90° hose stems, or standard female or male NPT threads.

DME Jiffy-Tite and Jiffy-Matic Sockets have the same O.D., permitting complete interchangeability with Jiffy-Tite Plugs installed in your mold or die.

The Jiffy-Tite or Jiffy-Matic Sockets can be used with either male, female or extension plugs.

## Jiffy-Matic® Sockets – JS (Automatic Shut-Off Type)

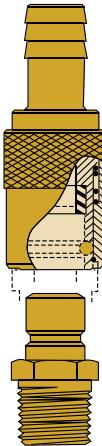
DME Jiffy-Matic Sockets open automatically when connected and shut off automatically when disconnected. Unlike most valve-type connectors, Jiffy-Matic Sockets are designed to keep flow restriction to a minimum.



JIFFY-TITE SOCKETS					JIFFY-MATIC SOCKETS	
DESCRIPTION	ITEM NUMBER	FITS HOSE I.D. OR PIPE THREAD	HOSE STEM I.D. OR THRU HOLE	USED WITH STD MALE, FEMALE OR EXTENSION PLUGS	ITEM NUMBER	DESCRIPTION
STRAIGHT STEM	JS204	1/4	5/16	JP(F/B) 250 TO 253	JS204V	STRAIGHT STEM
	JS205	5/16	1/4	JP(F/B) 250 TO 253	JS205V	
	JS206	3/8	1/4	JP(F/B) 250 TO 253	JS206V	
	JS306	3/8	1/4	JP(F/B) 351 TO 354	JS306V	
	JS308	1/2	5/8	JP(F/B) 351 TO 354	JS308V	
	JS504	1/2	5/8	JP(F) 553 TO 556	JS504V	
	JS506	3/4	5/8	JP(F) 553 TO 556	JS506V	
90° STEM	JS214	1/4	5/16	JP(F/B) 250 TO 253	JS214V	90° STEM
	JS215	5/16	1/4	JP(F/B) 250 TO 253	JS215V	
	JS216	3/8	1/4	JP(F/B) 250 TO 253	JS216V	
	JS316	3/8	1/4	JP(F/B) 351 TO 354	JS316V	
	JS318	1/2	5/8	JP(F/B) 351 TO 354	JS318V	
	JS514	1/2	5/8	JP(F) 553 TO 556	JS514V	
	JS516	3/4	5/16	JP(F) 553 TO 556	JS516V	
45° STEM	JS224	1/4	5/16	JP(F/B) 250 TO 253	JS224V	45° STEM
	JS225	5/16	1/4	JP(F/B) 250 TO 253	JS225V	
	JS226	3/8	1/4	JP(F/B) 250 TO 253	JS226V	
	JS326	3/8	1/4	JP(F/B) 351 TO 354	JS326V	
	JS328	1/2	5/8	JP(F/B) 351 TO 354	JS328V	
	JS524	1/2	5/8	JP(F) 553 TO 556	JS524V	
	JS526	3/4	5/16	JP(F) 553 TO 556	JS526V	
FEMALE NPT THREAD	JS200	1/4 NPT	1/4	JP(F/B) 250 TO 253	JS200V	FEMALE NPT THREAD
	JS300	1/4 NPT	5/8	JP(F/B) 351 TO 354	JS300V	
	JS500	1/2 NPT	5/8	JP(F) 553 TO 556	JS500V	
MALE NPT THREAD	JS201M	1/4 NPT	1/4	JP(F/B) 250 TO 253	JS201MV	MALE NPT THREAD
	JS302M	1/4 NPT	5/8	JP(F/B) 351 TO 354	JS302MV	
	JS504M	1/2 NPT	5/16	JP(F) 553 TO 556	JS504MV	

# JIFFY-TITE® CONNECTORS

DME Jiffy-Tite plugs used with DME Jiffy-Tite (flow-thru type) Sockets and DME Jiffy-Matic (automatic shut-off type) Sockets are designed for use with plastics molds and die-cast dies in water, air or oil lines. They feature a combination brass and stainless steel leakproof construction, have a maximum rated capacity of 200 psi and withstand temperatures up to 400°F with supplied Viton seals. DME Jiffy-Tite and Jiffy-Matic Sockets can be used interchangeably with the same Jiffy-Tite Plugs already in your mold or die. Comparable sizes of both type sockets have the same O.D., permitting interchangeability even when the plugs are flush mounted.



## Jiffy-Tite® Sockets – JS (Flow-Thru Type)

DME Jiffy-Tite Sockets have a large thru hole to provide unrestricted flow. These quick-connection couplers are available with either straight, 45° or 90° hose stems, or standard female or male NPT threads.

DME Jiffy-Tite and Jiffy-Matic Sockets have the same O.D., permitting complete interchangeability with Jiffy-Tite Plugs installed in your mold or die.

The Jiffy-Tite or Jiffy-Matic Sockets can be used with either male, female or extension plugs.



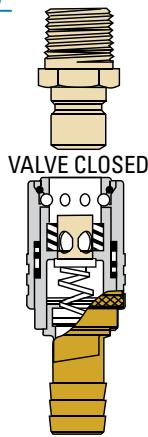
PLUG



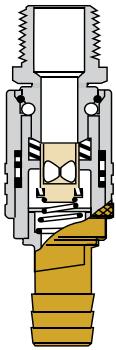
SOCKET

## Jiffy-Matic® Sockets – JS (Automatic Shut-Off Type)

DME Jiffy-Matic Sockets open automatically when connected and shut off automatically when disconnected. Unlike most valve-type connectors, Jiffy-Matic Sockets are designed to keep flow restriction to a minimum.



VALVE CLOSED



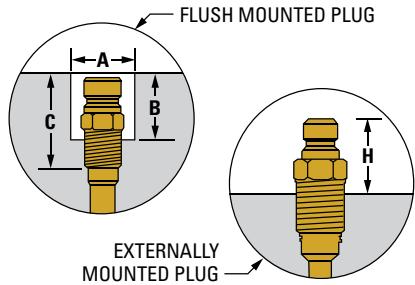
VALVE OPEN

JIFFY-TITE SOCKETS					JIFFY-MATIC SOCKETS	
DESCRIPTION	ITEM NUMBER	FITS HOSE I.D. OR PIPE THREAD	HOSE STEM I.D. OR THRU HOLE	USED WITH STD MALE, FEMALE OR EXTENSION PLUGS	ITEM NUMBER	DESCRIPTION
STRAIGHT STEM	JS204	1/4	3/16	JP(F/B) 250 TO 253	JS204V	STRAIGHT STEM
	JS205	5/16	1/4	JP(F/B) 250 TO 253	JS205V	
	JS206	3/8	1/4	JP(F/B) 250 TO 253	JS206V	
	JS306	3/8	1/4	JP(F/B) 351 TO 354	JS306V	
	JS308	1/2	3/8	JP(F/B) 351 TO 354	JS308V	
	JS504	1/2	3/8	JP(F) 553 TO 556	JS504V	
	JS506	3/4	5/8	JP(F) 553 TO 556	JS506V	
90° STEM	JS214	1/4	3/16	JP(F/B) 250 TO 253	JS214V	90° STEM
	JS215	5/16	1/4	JP(F/B) 250 TO 253	JS215V	
	JS216	3/8	1/4	JP(F/B) 250 TO 253	JS216V	
	JS316	3/8	1/4	JP(F/B) 351 TO 354	JS316V	
	JS318	1/2	3/8	JP(F/B) 351 TO 354	JS318V	
	JS514	1/2	3/8	JP(F) 553 TO 556	JS514V	
	JS516	3/4	5/16	JP(F) 553 TO 556	JS516V	
45° STEM	JS224	1/4	3/16	JP(F/B) 250 TO 253	JS224V	45° STEM
	JS225	5/16	1/4	JP(F/B) 250 TO 253	JS225V	
	JS226	3/8	1/4	JP(F/B) 250 TO 253	JS226V	
	JS326	3/8	1/4	JP(F/B) 351 TO 354	JS326V	
	JS328	1/2	3/8	JP(F/B) 351 TO 354	JS328V	
	JS524	1/2	3/8	JP(F) 553 TO 556	JS524V	
	JS526	3/4	5/16	JP(F) 553 TO 556	JS526V	
FEMALE NPT THREAD	JS200	1/8 NPT	1/4	JP(F/B) 250 TO 253	JS200V	FEMALE NPT THREAD
	JS300	1/4 NPT	3/8	JP(F/B) 351 TO 354	JS300V	
	JS500	1/2 NPT	5/8	JP(F) 553 TO 556	JS500V	
MALE NPT THREAD	JS201M	1/8 NPT	1/4	JP(F/B) 250 TO 253	JS201MV	MALE NPT THREAD
	JS302M	1/4 NPT	3/8	JP(F/B) 351 TO 354	JS302MV	
	JS504M	1/2 NPT	5/8	JP(F) 553 TO 556	JS504MV	

# JIFFY-TITE® CONNECTORS

## Jiffy-Tite® Plugs – JP

### Male Plug Mounting Information



ITEM NUMBER	NPT	HEX SIZE	A	B	C	H
JP250	$\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	1"	$\frac{5}{8}$
JP251	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	1"	$\frac{5}{8}$
JP252(SV)	$\frac{1}{4}$	$\frac{9}{16}$	$\frac{27}{32}$	$\frac{15}{16}$	$1\frac{1}{16}$	$\frac{7}{8}$
JP253(SV)	$\frac{3}{8}$	$\frac{11}{16}$	1.000	$\frac{15}{16}$	$1\frac{1}{4}$	$2\frac{9}{32}$
JP351	$\frac{1}{8}$	$\frac{9}{16}$	1.000	$\frac{15}{16}$	$1\frac{1}{4}$	$\frac{7}{8}$
JP352(SV)	$\frac{1}{4}$	$\frac{9}{16}$	1.000	$1\frac{3}{32}$	$1\frac{1}{16}$	$1\frac{1}{32}$
JP353(SV)	$\frac{3}{8}$	$\frac{11}{16}$	1.000	$1\frac{1}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$
JP354(SV)	$\frac{1}{2}$	$\frac{7}{8}$	$1\frac{1}{16}$	$1\frac{1}{4}$	$1\frac{1}{16}$	$1\frac{3}{16}$
JP553	$\frac{3}{8}$	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{3}{16}$	$1\frac{1}{8}$	$1\frac{1}{16}$
JP554	$\frac{1}{2}$	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{16}$
JP556	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$1\frac{1}{2}$

## Jiffy-Tite Male – JP and Female Plugs – JPF

### For Use with Jiffy-Tite or Jiffy-Matic Sockets (Including SV Series)

DESCRIPTION	LENGTH L	PIPE THREAD	Ø HOLE	HEX SIZE	ITEM NUMBER	USED WITH SOCKETS
MALE PLUG (BRASS)	$\frac{59}{64}$	$\frac{1}{16}$ NPT	$\frac{3}{16}$	$\frac{7}{16}$	JP250	JS204(V/SV) TO JS226(V/SV)
	$\frac{59}{64}$	$\frac{1}{8}$ NPT	$\frac{1}{4}$	$\frac{7}{16}$	JP251	
	$\frac{15}{32}$	$\frac{1}{4}$ NPT	$\frac{1}{4}$	$\frac{9}{16}$	JP252	
	$\frac{13}{16}$	$\frac{3}{8}$ NPT	$\frac{1}{4}$	$\frac{11}{16}$	JP253	JS306(V/SV) TO JS328(V/SV)
	$\frac{13}{16}$	$\frac{1}{8}$ NPT	$\frac{3}{8}$	$\frac{9}{16}$	JP351	
	$\frac{125}{64}$	$\frac{1}{4}$ NPT	$\frac{3}{8}$	$\frac{9}{16}$	JP352	
	$\frac{125}{64}$	$\frac{3}{8}$ NPT	$\frac{3}{8}$	$\frac{11}{16}$	JP353	
	$\frac{137}{64}$	$\frac{1}{2}$ NPT	$\frac{3}{8}$	$\frac{7}{8}$	JP354	JS504(V) TO JS526(V)
	$\frac{19}{16}$	$\frac{3}{8}$ NPT	$\frac{7}{16}$	$\frac{7}{8}$	JP553	
	$\frac{13}{4}$	$\frac{1}{2}$ NPT	$\frac{5}{8}$	$\frac{7}{8}$	JP554	
FEMALE PLUG** (BRASS)	$\frac{13}{4}$	$\frac{3}{4}$ NPT	$\frac{5}{8}$	$1\frac{1}{8}$	JP556	JS204(V/SV) TO JS226(V/SV)
	1"	$\frac{1}{16}$ NPT	$\frac{1}{4}$	$\frac{1}{2}$	JPF0250	
	1"	$\frac{1}{8}$ NPT	$\frac{1}{4}$	$\frac{1}{2}$	JPF0251	
	$\frac{19}{32}$	$\frac{1}{4}$ NPT	$\frac{1}{4}$	$\frac{5}{8}$	JPF0252	JS306(V/SV) TO JS328(V/SV)
	$\frac{113}{32}$	$\frac{3}{8}$ NPT	$\frac{1}{4}$	$\frac{3}{4}$	JPF0253	
	$\frac{19}{32}$	$\frac{1}{8}$ NPT	$\frac{11}{32}$	$\frac{5}{8}$	JPF0351	
	$\frac{131}{64}$	$\frac{1}{4}$ NPT	$\frac{3}{8}$	$\frac{5}{8}$	JPF0352	
	$\frac{137}{64}$	$\frac{3}{8}$ NPT	$\frac{3}{8}$	$\frac{3}{4}$	JPF0353	
	$\frac{149}{64}$	$\frac{1}{2}$ NPT	$\frac{3}{8}$	$\frac{15}{16}$	JPF0354	JS504(V) TO JS526(V)
	$\frac{111}{16}$	$\frac{3}{8}$ NPT	$\frac{9}{16}$	$\frac{15}{16}$	JPF0553	
	$\frac{149}{64}$	$\frac{1}{2}$ NPT	$\frac{5}{8}$	$\frac{15}{16}$	JPF0554	
	$\frac{149}{64}$	$\frac{3}{4}$ NPT	$\frac{5}{8}$	$1\frac{1}{8}$	JPF0556	

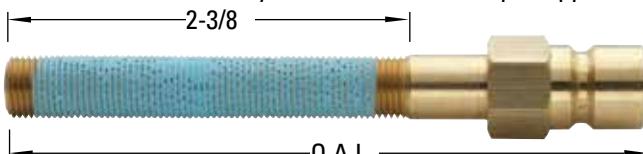


All Male Plugs (including SV-Series) and Extension Plugs are now supplied with Jiffy-Seal™ thread sealant. Eliminating the initial need for joint tape or compound, the sealant will withstand temperatures up to 350°F and pressures up to 200 psi.

## Jiffy-Tite® Extension Plugs\* – JPB

### For Use with Jiffy-Tite or Jiffy-Matic Sockets (Including SV Series)

Threaded area with Jiffy-Seal Thread Sealant pre-applied.



\*Designed for use with existing or new NPT tapered pipe-tapped hole in mold or die. Straight threaded area allows easy length adjustment. Cut to suit. No tapering or re-tapping necessary.

PIPE THREAD*	HEX SIZE	O.A.L.	ITEM NUMBER	USED WITH SOCKETS
$\frac{1}{8}$	$\frac{7}{16}$	4"	JPB2514	JS204(V/SV) TO JS226(V/SV)
$\frac{1}{8}$	$\frac{7}{16}$	6"	JPB2516	
$\frac{1}{8}$	$\frac{7}{16}$	8"	JPB2518	
$\frac{1}{4}$	$\frac{9}{16}$	4"	JPB2524	
$\frac{1}{4}$	$\frac{9}{16}$	6"	JPB2526	JS306(V/SV) TO JS328(V/SV)
$\frac{1}{4}$	$\frac{9}{16}$	8"	JPB2528	
$\frac{3}{8}$	$\frac{11}{16}$	4"	JPB2534	
$\frac{3}{8}$	$\frac{11}{16}$	6"	JPB2536	
$\frac{3}{8}$	$\frac{11}{16}$	8"	JPB2538	JS306(V/SV) TO JS328(V/SV)
$\frac{1}{8}$	$\frac{9}{16}$	4"	JPB3514	
$\frac{1}{8}$	$\frac{9}{16}$	6"	JPB3516	
$\frac{1}{8}$	$\frac{9}{16}$	8"	JPB3518	
$\frac{1}{4}$	$\frac{9}{16}$	4"	JPB3524	
$\frac{1}{4}$	$\frac{9}{16}$	6"	JPB3526	JS306(V/SV) TO JS328(V/SV)
$\frac{1}{4}$	$\frac{9}{16}$	8"	JPB3528	
$\frac{3}{8}$	$\frac{11}{16}$	4"	JPB3534	
$\frac{3}{8}$	$\frac{11}{16}$	6"	JPB3536	
$\frac{3}{8}$	$\frac{11}{16}$	8"	JPB3538	

# JIFFY-MATIC® CONNECTORS

## SV-Series Jiffy-Matic® Connectors – JS

## Two-Way Automatic Shut-Off Type



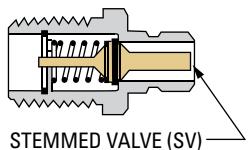
## SOCKET PLUG

The DME line of SV-Series Jiffy-Matic Connectors features a male plug and socket, each with an automatic shut-off stemmed valve. These connectors are designed for use with plastics molds and die-cast dies in water, air or heat transfer oil lines. They feature a combination of brass and stainless steel in a leakproof construction, have a maximum rated capacity of 200 psi and will withstand temperatures up to 400°F with supplied Viton seals.

The SV-Series Jiffy-Matic Male Plugs adds the capability of automatic shut-off at the mold, thereby minimizing coolant loss.

## SV-Series Jiffy-Matic® Male Plugs

### **(Automatic Shut-Off Type with Stemmed Valve)**

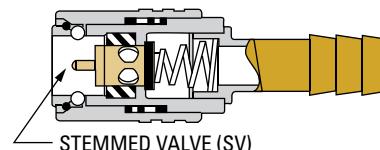


## STEMMED VALVE (SV)

The DME SV-Series Jiffy-Matic Male Plugs feature an automatic shut-off stemmed valve. This plug design adds the capability of automatic shut-off at the mold. The plug's shut-off stemmed valve minimizes mold coolant loss, thereby decreasing clean-up time and the possibility of rust occurring on the mold surface. The SV-Series Jiffy-Matic Male Plug can ONLY be used with the SV-Series Jiffy-Matic Socket.



### **(Automatic Shut-Off Type with Stemmed Valve)**



## - STEMMED VALVE (SV)

The DME SV-Series Jiffy-Matic Sockets feature an automatic shut-off stemmed valve that is designed to work with the SV-Series Jiffy-Matic Male Plugs, as well as the standard male, female and extension plugs. The sockets open automatically when connected and shut-off automatically when disconnected. The SV-Series Jiffy-Matic Sockets are designed to keep flow restriction to a minimum and are available with either straight, 45° or 90° hose stems.

# Operating Combinations

## Two-Way Shut-Off\*

SV-SERIES\*  
MALE PLUGS

WITH

SV-SERIES  
SOCKETS  
(EQUIVALENT SIZE)

VALVES CLOSED

VALVES OPEN

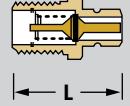
## One-Way Shut-Off

\*The SV-Series Jiffy-Matic Male Plugs can only be used for two-way shut-offs and must be used with the SV-Series Jiffy-Matic Sockets.

# JIFFY-MATIC® CONNECTORS

## SV-Series Jiffy-Matic Male Plugs\* – JP

(Automatic Shut-Off Type with Stemmed Valve)

DESCRIPTION	LENGTH L	PIPE THREAD	Ø HOLE	HEX SIZE	ITEM NUMBER	USED WITH SOCKETS*
	1 1/32	1/4 NPT	1/4	5/16	JP252SV	JS204SV TO JS226SV
	1 1/16	5/16 NPT	1/4	11/16	JP253SV	
	1 5/64	1/4 NPT	5/8	5/16	JP352SV**	JS306SV TO JS328SV
	1 5/64	5/16 NPT	5/8	11/16	JP353SV	
	1 7/64	1/2 NPT	5/8	7/8	JP354SV	



SOCKET

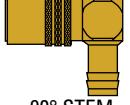
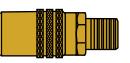
PLUG

\*\*The JP-352-SV male plug has a stepped valve-seat due to the internal space limitations of the 1/4 NPT thread. Even so, it has a greater flow rate than the JP-252-SV male plug, which also has the 1/4 NPT thread.

The SV-Series Jiffy-Matic Male Plugs operate only with the SV-Series Jiffy-Matic Sockets. All SV-Series Jiffy-Matic Male Plugs are supplied with Viton seals for use in water, air and heat transfer oil applications that do not exceed 400°F and 200 psi.

## SV-Series Jiffy-Matic Sockets – JS

(Automatic Shut-Off Type with Stemmed Valve)

DESCRIPTION	ITEM NUMBER	FITS HOSE I.D. OR PIPE THREAD	HOSE STEM I.D. OR THRU HOLE	USED WITH SV-MALE, STD MALE, FEMALE OR EXTENSION PLUGS
	JS204SV	1/4	5/16	JP(F/B) 250 TO 253 (SV)
	JS205SV	5/16	1/4	JP(F/B) 250 TO 253 (SV)
	JS206SV	5/8	1/4	JP(F/B) 250 TO 253 (SV)
	JS306SV	5/8	1/4	JP(F/B) 351 TO 354 (SV)
	JS308SV	1/2	5/8	JP(F/B) 351 TO 354 (SV)
	JS214SV	1/4	5/16	JP(F/B) 250 TO 253 (SV)
	JS215SV	5/16	1/4	JP(F/B) 250 TO 253 (SV)
	JS216SV	5/8	1/4	JP(F/B) 250 TO 253 (SV)
	JS316SV	5/8	1/4	JP(F/B) 351 TO 354 (SV)
	JS318SV	1/2	5/8	JP(F/B) 351 TO 354 (SV)
	JS224SV	1/4	5/16	JP(F/B) 250 TO 253 (SV)
	JS225SV	5/16	1/4	JP(F/B) 250 TO 253 (SV)
	JS226SV	5/8	1/4	JP(F/B) 250 TO 253 (SV)
	JS326SV	5/8	1/4	JP(F/B) 351 TO 354 (SV)
	JS328SV	1/2	5/8	JP(F/B) 351 TO 354 (SV)
	JS200SV	1/8 NPT	1/4	JP(F/B) 250 TO 253 (SV)
	JS300SV	1/4 NPT	5/8	JP(F/B) 351 TO 354 (SV)
	JS201MSV	1/8 NPT	1/4	JP(F/B) 250 TO 253 (SV)
	JS302MSV	1/4 NPT	5/8	JP(F/B) 351 TO 354 (SV)

## 90° and 45° NPT Elbows

(For Female and Male NPT Sockets Only)

DESCRIPTION	ITEM NUMBER	PIPE THREAD	THRU HOLE	USED WITH SOCKETS
	20090	1/8 NPT	5/32	JS200 (V/SV) TO JS201M (V/SV)
	30090	1/4 NPT	5/16	JS300 (V/SV) TO JS302M (V/SV)
	50090	1/2 NPT	5/16	JS500 (V) TO JS504M (V)
	20045	1/8 NPT	5/32	JS200 (V/SV) TO JS201M (V/SV)
	30045	1/4 NPT	5/16	JS300 (V/SV) TO JS302M (V/SV)
	50045	1/2 NPT	5/16	JS500 (V) TO JS504M (V)

These 90° and 45° NPT elbows can be used with either Jiffy-Tite or Jiffy-Matic, V or SV, female or male NPT sockets only.

# JIFFY-TITE® CONNECTORS



## With Clampless Hose Stems for use with "Push-To-Lock" Type Hose

- For use with "Push-to-Lock" type hose only
- Saves set-up time by eliminating the need for hose clamps
- Hose stem barbs mate with "Push-to-Lock" style rubber hose
- Popular sizes for interchangeability with existing Jiffy-Tite, Jiffy-Matic and Jiffy-Matic SV Sockets
- More compact and consistently sized than competitive sockets
- Leakproof brass and stainless steel construction
- Replaceable seals and valves for long service life
- Socket connector seals are Viton

## Jiffy-Lok SV-Series Valve Style\* – JSL

DESCRIPTION	ITEM NUMBER	FITS HOSE I.D.	HOSE STEM I.D.	USED WITH: SV-MALE, STD. MALE, FEMALE OR EXTENSION PLUGS
STRAIGHT STEM	JSL0204SV	1/4	3/16	JP(F/B) 250 TO 253 (SV)
	JSL0206SV	3/8	1/4	JP(F/B) 250 TO 253 (SV)
	JSL0306SV	3/8	1/4	JP(F/B) 351 TO 354 (SV)
	JSL0308SV	1/2	3/8	JP(F/B) 351 TO 354 (SV)
90° STEM	JSL0214SV	1/4	3/16	JP(F/B) 250 TO 253 (SV)
	JSL0216SV	3/8	1/4	JP(F/B) 250 TO 253 (SV)
	JSL0316SV	3/8	1/4	JP(F/B) 351 TO 354 (SV)
	JSL0318SV	1/2	3/8	JP(F/B) 351 TO 354 (SV)
45° STEM	JSL0224SV	1/4	3/16	JP(F/B) 250 TO 253 (SV)
	JSL0226SV	3/8	1/4	JP(F/B) 250 TO 253 (SV)
	JSL0326SV	3/8	1/4	JP(F/B) 351 TO 354 (SV)
	JSL0328SV	1/2	3/8	JP(F/B) 351 TO 354 (SV)

\*SV-Series male plugs must be used to obtain two-way shutoff. Installation data available. Contact DME.

## Jiffy-Lok Flow-Thru Style (Jiffy-Tite)

DESCRIPTION	ITEM NUMBER	FITS HOSE I.D.	HOSE STEM I.D.	USED WITH: STD. MALE, FEMALE OR EXTENSION PLUGS
STRAIGHT STEM	JSL0204	1/4	3/16	JP(F/B) 250 TO 253
	JSL0206	3/8	1/4	JP(F/B) 250 TO 253
	JSL0306	3/8	1/4	JP(F/B) 351 TO 354
	JSL0308	1/2	3/8	JP(F/B) 351 TO 354
	JSL0504	1/2	3/8	JP(F) 553 TO 556
	JSL0506	3/4	5/8	JP(F) 553 TO 556
90° STEM	JSL0214	1/4	3/16	JP(F/B) 250 TO 253
	JSL0216	3/8	1/4	JP(F/B) 250 TO 253
	JSL0316	3/8	1/4	JP(F/B) 351 TO 354
	JSL0318	1/2	3/8	JP(F/B) 351 TO 354
	JSL0514	1/2	3/8	JP(F) 553 TO 556
	JSL0516	3/4	5/8	JP(F) 553 TO 556
45° STEM	JSL0224	1/4	3/16	JP(F/B) 250 TO 253
	JSL0226	3/8	1/4	JP(F/B) 250 TO 253
	JSL0326	3/8	1/4	JP(F/B) 351 TO 354
	JSL0328	1/2	3/8	JP(F/B) 351 TO 354
	JSL0524	1/2	3/8	JP(F) 553 TO 556
	JSL0526	3/4	5/8	JP(F) 553 TO 556

## Jiffy-Lok One-Way Valve Style (Jiffy-Matic)

DESCRIPTION	ITEM NUMBER	FITS HOSE I.D.	HOSE STEM I.D.	USED WITH: STD. MALE, FEMALE OR EXTENSION PLUGS
STRAIGHT STEM	JSL0204V	1/4	3/16	JP(F/B) 250 TO 253
	JSL0206V	3/8	1/4	JP(F/B) 250 TO 253
	JSL0306V	3/8	1/4	JP(F/B) 351 TO 354
	JSL0308V	1/2	3/8	JP(F/B) 351 TO 354
	JSL0504V	1/2	3/8	JP(F) 553 TO 556
	JSL0506V	3/4	5/8	JP(F) 553 TO 556
90° STEM	JSL0214V	1/4	3/16	JP(F/B) 250 TO 253
	JSL0216V	3/8	1/4	JP(F/B) 250 TO 253
	JSL0316V	3/8	1/4	JP(F/B) 351 TO 354
	JSL0318V	1/2	3/8	JP(F/B) 351 TO 354
	JSL0514V	1/2	3/8	JP(F) 553 TO 556
	JSL0516V	3/4	5/8	JP(F) 553 TO 556
45° STEM	JSL0224V	1/4	3/16	JP(F/B) 250 TO 253
	JSL0226V	3/8	1/4	JP(F/B) 250 TO 253
	JSL0326V	3/8	1/4	JP(F/B) 351 TO 354
	JSL0328V	1/2	3/8	JP(F/B) 351 TO 354
	JSL0524V	1/2	3/8	JP(F) 553 TO 556
	JSL0526V	3/4	5/8	JP(F) 553 TO 556

**Note:** Use "Push-to-Lock" type hose only. Jiffy-Lok Connector Sockets are for use with water and water-based coolants only. Although Jiffy-Lok Connector Sockets are suitable for temperatures to 400°F, observe the temperature ratings of your "push-to-lock" hose. Most "push-to-lock" hoses have a temperature rating of 175°F or less. Never exceed 200 psi.

# JIFFY-TITE® CONNECTORS

## Jiffy-Tite® Connector Seals

### For Replacement in Either Jiffy-Tite or Jiffy-Matic Sockets

Jiffy-Tite and Jiffy-Matic Sockets are supplied with Viton\* seals for use with air, water or heat transfer oil applications that do not exceed 400°F and 200 psi. Seals should be replaced periodically as required to ensure leak-free connections.

MAXIMUM OPERATING TEMPERATURE/PRESSURE = 400°F/200 PSI			
FOR USE WITH	SEAL MATERIAL (I.D. COLOR)	ITEM NUMBER*	USED WITH SOCKETS
AIR, WATER OR HEAT TRANSFER OIL	VITON (GREEN)	P2008	JS204(V/SV) TO 226(V/SV)
		P3008	JS306(V/SV) TO 328(V/SV)
		P5008	JS504(V) TO 526(V)

\*Sold in packs of 10

**\*NOTE:** It is up to the customer to verify that the use of Viton seal is compatible with the application and coolant medium being used. Viton is incompatible with highly polar chemicals, organic acids, amines, ketones, acetone, eaters and acetic acid. Other seal materials can be provided on request.



## Jiffy-Tite® Seal Removal Tool Kit – JSTK

The Jiffy-Tite Seal Removal Tool Kit can be used for removal of connector seals from Jiffy-Matic Sockets (including SV Series). Can also be used with Jiffy-Tite Sockets to provide easier seal removal.

ITEM NUMBER  
JSTK235

Note: This tool kit is not required for "the original" or current line of Jiffy-Matic Sockets with removable hose stems.

Includes handle, interchangeable tools for all socket sizes, seal pick and vinyl storage pouch.

## Jiffy-Tite® Wrenches – SJP

### For Jiffy-Tite Male, Female and Extension Plugs and Jiffy-Matic SV Series Male Plugs

DME Jiffy-Tite wrenches are accurately made from selected alloy steel, heat-treated and chrome-plated. They are specially designed for servicing flush-mounted plugs.



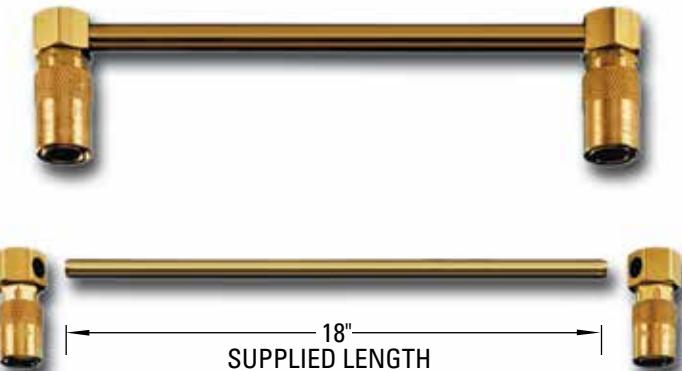
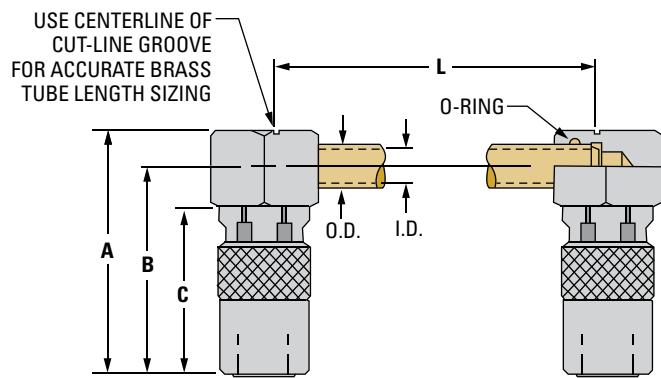
JIFFY-TITE WRENCHES FOR MALE AND EXTENSION PLUGS			
HEX SIZE	SQUARE DRIVE	ITEM NUMBER	FITS PLUGS
7/16	3/8	SJP251	JP(B)250, 251
9/16	3/8	SJP252	JP(B)252(SV) JP(B)351, 352(SV)
11/16	3/8	SJP253	JP(B)253(SV) JP(B)353(SV)
5/8	3/8	SJP354	JP354(SV)
7/8	1/2	SJP554	JP553, 554
1 1/8	1/2	SJP556	JP556

JIFFY-TITE WRENCHES FOR FEMALE PLUGS			
HEX SIZE	SQUARE DRIVE	ITEM NUMBER	FITS PLUGS
1/2	3/8	SJP251F	JPF0250, 0251
5/8	3/8	SJP252F	JPF0252 JPF0351, 0352
3/4	3/8	SJP253F	JPF0253 JPF0353
15/16	1/2	SJP554F	JPF0354 JPF0553, 0554
1 1/8	1/2	SJP556F	JPF0556

# JIFFY-TITE® & JIFFY-MATIC COOLANT BRIDGES

## For Compact Mold Connection of Adjacent Plugs Without Use of Conventional Hose Loop

- Provides more compact port-to-port connections than conventional hose methods
- Coolant Bridge socket adapters allow quick connections to Jiffy-Tite (flow thru) or Jiffy-Matic (one- or two-way shutoff) plugs
- Socket adapter marked with cut-line groove for quick sizing of brass tube length
- Leakproof socket adapters have replaceable seals and valves for long service life
- Socket connector seals and O-ring seals are Viton



Complete assembly consists of 3 pieces. All pieces sold separately.

### Notes:

1. Coolant Bridge consists of two socket adapters (including O-rings) and one chamfered brass tube that are sold separately.
2. Tubes are 18" long. Cut to suit for specific application using cut-line grooves. Then, chamfer and deburr tube as indicated in installation data.
3. Coolant Bridge Jiffy-Matic socket adapters will provide one-way shutoff when used with standard male, female and extension plugs and two-way shutoff when used with SV-Series Male Plugs.
4. Maximum temperature rating is 400°F. Maximum PSI rating is 200.

Installation data available. Contact DME.

## Jiffy-Tite® and Jiffy-Matic® Coolant Bridges – JCB, JBT

COOLANT BRIDGE SOCKET ADAPTERS (TWO REQUIRED PER ASSEMBLY)							BRASS TUBE 18" LONG		
STYLE	ITEM NUMBER	A	B	C	L	USED WITH STD. MALE, FEMALE OR EXTENSION PLUGS	ITEM NUMBER	I.D.	O.D.
JIFFY-TITE FLOW-THRU	JCB0200	1.74	1.47	1.20	18" MAX.	JP(F/B)250 TO 253	JBT0450	.214	.312
	JCB0300	2.26	1.94	1.63	18" MAX.	JP(F/B)351 TO 354	JBT0570	.307	.437
JIFFY-MATIC ONE- OR TWO-WAY* SHUTOFF	JCB0200SV	1.74	1.47	1.20	18" MAX.	JP(F/B)250 TO 253 (SV)	JBT0450	.214	.312
	JCB0300SV	2.26	1.94	1.63	18" MAX.	JP(F/B)351 TO 354 (SV)	JBT0570	.307	.437

\*SV-Series male plugs must be used to obtain two-way shutoff.

REPLACEMENT O-RINGS FOR SOCKET ADAPTERS		
ITEM NUMBER	DESCRIPTION	BAG
JCB0011	VITON O-RING FOR 200 SERIES SOCKET ADAPTER	10/PKG.
JCB0013	VITON O-RING FOR 300 SERIES SOCKET ADAPTER	10/PKG.

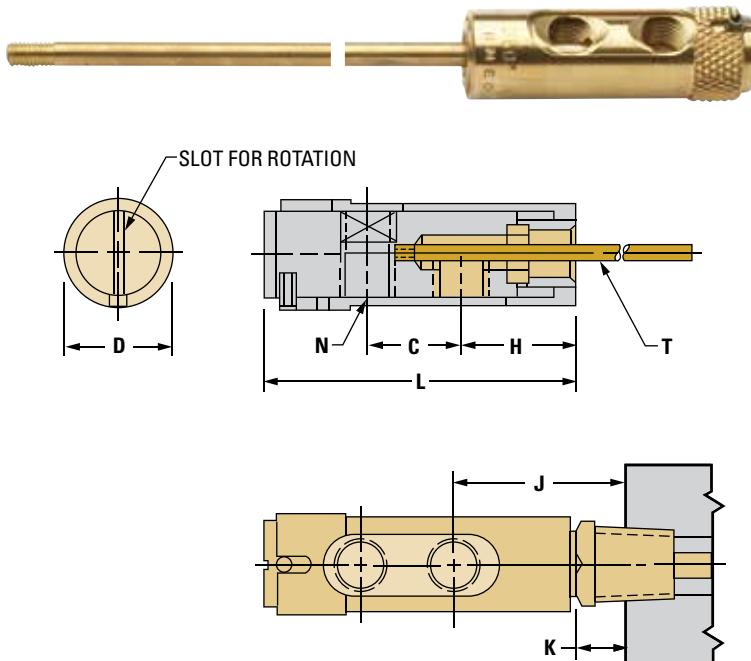
# JIFFY-TITE® CASCADE WATER JUNCTIONS

- Compact design
- 360° seal – leak proof
- Accurate predetermination of port locations
- Easy “one-piece” installation and removal

For cascade-type cooling applications, the Jiffy-Tite Cascade Water Junctions provide the utmost in versatility and ease of use. Their compact design makes them ideal for cooling inserted cores or spot cooling in hard to reach areas of molds or dies. They can be rotated a full 360° without affecting their positive Jiffy-Tite seal and are easily connected and disconnected – even when installed internally.

Final location of the ports on the body of the Water Junction can be accurately predetermined, thus ensuring proper lateral alignment with pipe clearance holes. Waterlines may be connected to the same side or opposing sides of the Water Junction. A slot on the end of the Water Junction body indicates port position and can be turned with a screwdriver to align the ports with pipe clearance holes.

The brass tube has the rigidity to maintain uniform spacing inside the water channel and is threaded into the body for firm support.



## Jiffy-Tite® Cascade Water Junctions (JW)

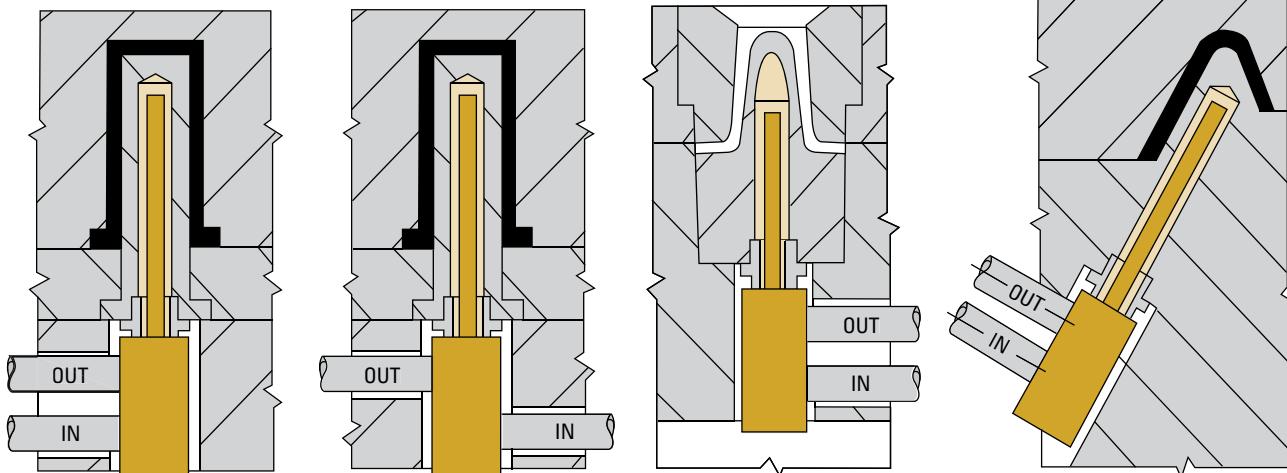
ITEM NUMBER	D	L	C	H	N N.P.T. (3 PLACES)	T 18" LONG TUBE SUPPLIED		
						O.D.	I.D.	THREAD
JW220	.70	2.12	.69	.77	1/8	.190	.126	#10-32
JW320	.96	2.38	.69	1.03	1/8	.250	.170	1/4-28
JW321	.96	2.69	1.00	1.03	1/8	.250	.170	1/4-28
JW541	1.19	3.13	1.00	1.28	1/4	.437	.307	7/16-20

### Notes:

1. Bubbler Tubes may be used as replacements in Water Junctions above.
2. The 200, 300 and 500 Series Water Junctions are equipped with 200, 300 and 500 series Viton seals respectively, rated at 200 psi and suitable for temperatures up to 400°F.

WATER JUNCTION ITEM NO	REFERENCE DIMENSIONS FOR PORT LOCATION		
	MATING JIFFY-TITE PLUG	J	K
JW220	JP251	.99	.21
	JP252	1.24	.46
	JP253	1.28	.50
JW320 AND JW-21	JP352	1.48	.42
	JP353	1.51	.45
	JP354	1.63	.56
JW541	JP554	1.96	.66
	JP556	2.02	.72

## Typical Applications



**With tens of thousands of products to choose from, DME is your one-stop shop for everything molding.**

From complex undercuts solutions and plate control to standard pins, bushings and interlocks, the DME line of mold components will help you build or rebuild your mold base inside out, top to bottom. Industrial Supplies, Mold Bases, MUD Quick-Change, Control Systems, and Hot Runner solutions round out our extensive offering to truly be your one-stop shop.



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