

# FH & FIH Series Interchange with Snap-Tite H & IH Series



## TWO WAY VALVED SOCKETS



**FH  
SERIES**

## TWO WAY VALVED PLUGS



### FEMALE THREAD

	STEEL CATALOG NO.	SNAP-TITE	BRASS CATALOG NO.	SNAP-TITE
1/4 FPT	FHS2F2	VHC4-4F	FHS2F2B	BVHC4-4F
3/8 FPT	FHS3F3	VHC6-6F	FHS3F3B	BVHC6-6F
1/2 FPT	FHS4F4	VHC8-8F	FHS4F4B	BVHC8-8F

### MALE THREAD

1/4 MPT	FHS2M2	VHC4-4M	FHS2M2B	BVHC4-4M
3/8 MPT	FHS3M3	VHC6-6M	FHS3M3B	BVHC6-6M
1/2 MPT	FHS4M4	VHC8-8M	FHS4M4B	BVHC8-8M

	STEEL CATALOG NO.	SNAP-TITE	BRASS CATALOG NO.	SNAP-TITE
FHP2F2	VHN4-4F	FHP2F2B	BVHN4-4F	
FHP3F3	VHN6-6F	FHP3F3B	BVHN6-6F	
FHP4F4	VHN8-8F	FHP4F4B	BVHN8-8F	

FHP2M2	VHN4-4M	FHP2M2B	BVHN4-4M
FHP3M3	VHN6-6M	FHP3M3B	BVHN6-6M
FHP4M4	VHN8-8M	FHP4M4B	BVHN8-8M

## Specifications FH, FIH Series

### TYPE:

- **FH** – TWO WAY SHUT-OFF AND STRAIGHT-THRU
- **FIH** – ONE WAY SHUT-OFF

### INTERCHANGEABILITY:

- **FH SERIES** interchanges with Snap-Tite "H" Series.
- **FIH SERIES** interchanges with Snap-Tite "IH" Series.
- Within each series, only sockets and plugs of the same size will couple together.

### OPERATION:

- **MANUAL** – Socket sleeve must be manually retracted to connect and disconnect.

### OPTIONS:

- **BL** – Locks against accidental disconnect. To connect align ball with slot. After connection, rotate sleeve to lock. To disconnect, realign ball with slot and retract sleeve. **To order, prefix BL to socket catalog numbers.**

### SEAL COMPOUND GUIDE:

- Standard seals are Buna-N.
- See page 20 for optional seals.

### DIMENSIONAL DATA:

- Full size layouts available upon request. (See page 28 for full size plug layouts.)

### WORKING PRESSURE

Rated Pressure as defined by ANSI/B93.2 – 1986, based on a 4:1 safety factor and non-shock service.

FH Series, Two Way	Steel	Brass
Body Size	PSIG	PSIG
1/4"	3250	2000
3/8"	2250	1200
1/2"	1800	1200

FH, Straight Thru	Steel	Brass
Body Size	PSIG	PSIG
1/4"	3000	3000
3/8"	4000	3500
1/2"	4000	2500

FIH, One Way	Steel
Body Size	PSIG
1/4"	3000
3/8"	2250
1/2"	2000

## FH & FIH Series

### FIH SERIES ONE WAY VALVED SOCKETS



### FIH & FH SERIES UNVALVED PLUGS



### FH SERIES STRAIGHT-THRU SOCKETS, NO VALVING



### FEMALE THREAD

	STEEL CAT. NO.	SNAP-TITE
1/8 FPT	FIS2F2	VIHC4-4F
1/4 FPT	FIS3F3	VIHC6-6F
3/8 FPT	FIS4F4	VIHC8-8F

### MALE THREAD

1/4 MPT	FIS2M2	VIHC4-4M
3/8 MPT	FIS3M3	VIHC6-6M
1/2 MPT	FIS4M4	VIHC8-8M

	STEEL CAT. NO.	SNAP-TITE	BRASS CAT. NO.	SNAP-TITE
FH21F	PHN4-2F			
FH22F	PHN4-4F	FH22FB	BPHN4-4F	
FH33F	PHN6-6F	FH33FB	BPHN6-6F	
FH44F	PHN8-8F	FH44FB	BPHN8-8F	

FH22M	PHN4-4M	FH22MB	BPHN4-4M
FH33M	PHN6-6M	FH33MB	BPHN6-6M
FH44M	PHN8-8M	FH44MB	BPHN8-8M

	STEEL CAT. NO.	SNAP-TITE	BRASS CAT. NO.	SNAP-TITE
FHS2	PHC4-4F	FHS2B	BPHC4-4F	
FHS3	PHC6-6F	FHS3B	BPHC6-6F	
FHS4	PHC8-8F	FHS4B	BPHC8-8F	

The FIH Series sockets & plugs are for pneumatic applications. The FIH sockets have a valve with 360° contact with plug.

