

# Compressed Natural Gas (CNG) Coupling



Snap-tite's 72 Series may be used in a break-away harness for compressed natural gas (CNG) fueling systems due to the "superior poppet sealing" designed specifically for compressed natural gas. These couplings feature superior pressure and flow characteristics over other manufacturers while meeting or exceeding the ISO-7241-1 Series B specifications.

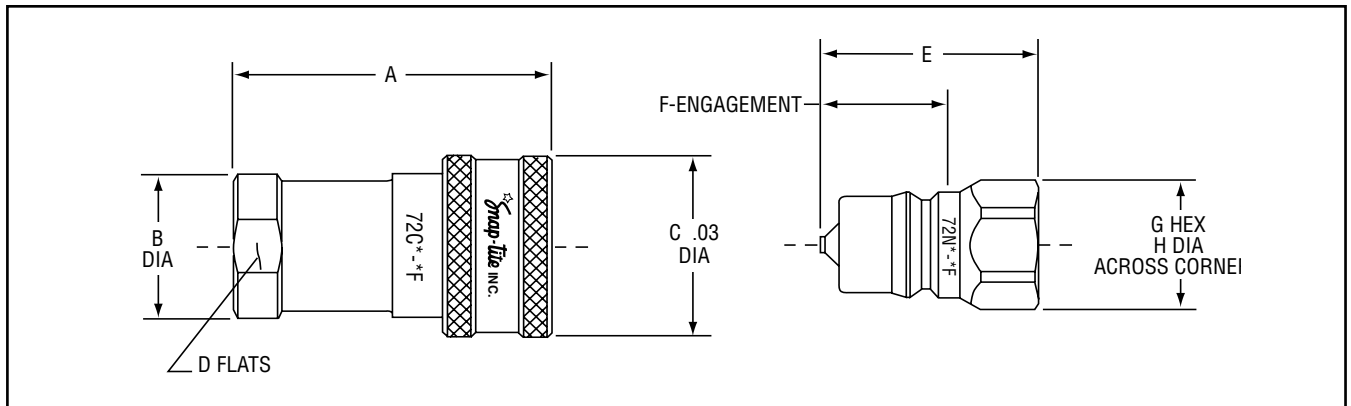
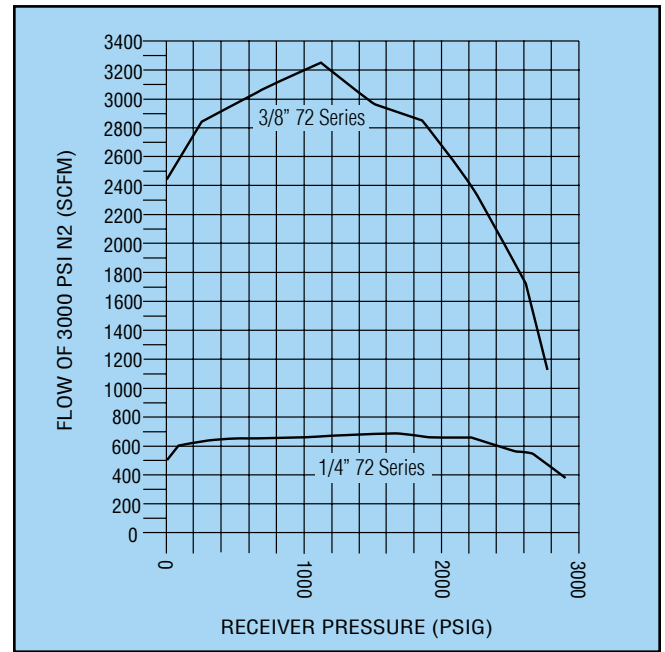
## Features

- ▶ Corrosive resistant stainless steel (303) construction
- ▶ Meets or exceeds ISO-7241-1 Series B
- ▶ Superior poppet valve design:
  - a) Polyurethane crimped seal to eliminate erosion and washout
  - b) Self-centering capability of the poppet
- ▶ Superior flow characteristics
- ▶ Proven ball-lock design

**Certification: Texas Railroad Commission**

**Temperature Range:** -40°F (-40°C) to  
250°F (121°C)

**Material:** 303 Stainless Steel



SIZE	A	B	C	D	E	F	G	H
1/4	2.25 (57.15)	.88 (22.35)	1.12 (28.45)	.75 (19.05)	1.51 (38.35)	.95 (24.13)	.75 (19.05)	.83 (21.08)
3/8	2.57 (65.28)	1.13 (28.70)	1.37 (34.80)	1.00 (25.40)	1.74 (44.20)	1.13 (28.70)	.88 (22.35)	.96 (24.38)

in (mm)

PART NUMBER	COUPLING HALF	END FITTING	WORKING PRESSURE	BURST PRESSURE
S72C4-4F UR	COUPLER	1/4 NPTF	5500 PSI (379 BAR)	22,000 PSI (1517 BAR)
S72N4-4F UR	NIPPLE	1/4 NPTF	5500 PSI (379 BAR)	22,000 PSI (1517 BAR)
S72C6-6F UR	COUPLER	3/8 NPTF	3750 PSI (259 BAR)	15,000 PSI (1035 BAR)
S72N6-6F UR	NIPPLE	3/8 NPTF	3750 PSI (259 BAR)	15,000 PSI (1035 BAR)

# How to Order

## Nozzles and Receptacles\*\*

### PART NUMBER

	B	NGV	N	2-	P30
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	MATERIAL	SERIES	COUPLING HALF	END FITTING	WORKING PRESSURE
H*	NO LETTER – 316	NGV	C – NOZZLE	2 – 3/8 FEMALE SAE (9/16 - 18)	P30 – 3000 PSI
HIGH	STAINLESS STEEL		N – RECEPTACLE	3 – 1/4 TUBE DOUBLE FERRULE BULKHEAD	(207 BAR)
FLOW				4 – 3/8 TUBE DOUBLE FERRULE BULKHEAD	P36 – 3600 PSI
				5* – 5/8 MALE O-RING SEAL (7/8-14)	(248 BAR)

\*Available option for 316 stainless steel receptacle only.

## Natural Gas Check Valves\*\*

### PART NUMBER

NGCV	6EF-	6EF
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SERIES	INLET END FITTING	OUTLET END FITTING
NGCV	6EF – 3/8 FEMALE SAE (9/16 - 18)	6EF – 3/8 FEMALE SAE (9/16 - 18)
	6MOS – 3/8 MALE O-RING SEAL (9/16 - 18)	6MOS – 3/8 MALE O-RING SEAL (9/16 - 18)
	4A – 1/4 TUBE DOUBLE FERRULE	4A – 1/4 TUBE DOUBLE FERRULE
	6A – 3/8 TUBE DOUBLE FERRULE	6A – 3/8 TUBE DOUBLE FERRULE

\*\*Consult factory for: Additional end fitting requirements or filter requirements

## Accessories

PART NUMBER	DESCRIPTION
NGVNC	RECEPTACLE DUST CAP
NGVND	STORAGE RECEPTACLE DUMMY

### ! WARNING !

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND/OR PROPERTY DAMAGE.

*This document and other information from Snap-tite, Inc., its subsidiaries and authorized distributors, provides product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operation conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.*

*The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Snap-tite, Inc. and its subsidiaries at any time without notice.*



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