

Snap-tite 72 Series — ISO Series B Interchange

Featuring... Snap-tite quality with superior pressure and flow characteristics over the competition.

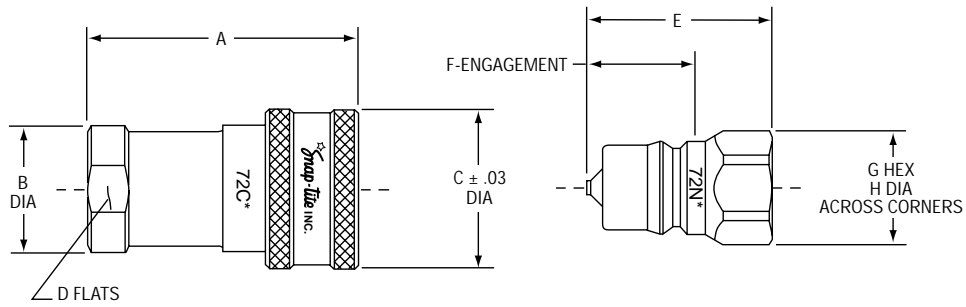


- Sizes 1/8" – 1"
- Steel, stainless steel (303 & 316) and brass are standard
- Wide choice of seal materials to handle a variety of fluids
- Proven ball-lock mechanism provides positive connection
- Poppet style double shut-off
- Industry interchangeability... couplers (sockets) and nipples (plugs) are interchangeable with other manufacturers

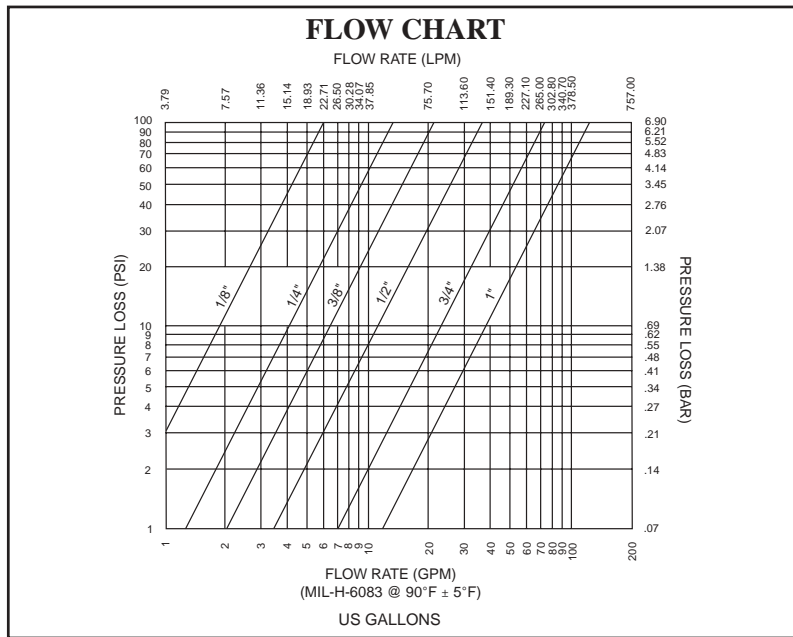
Snap-tite's 72 Series is designed to meet or exceed ISO 7241-1 Series B. This ISO specification stipulates the test specification of the couplings and the dimensions of the nipple so the couplings will interchange with those of other manufacturers meeting this same specification. Snap-tite's 72 Series features superior pressure and flow characteristics over the other manufacturers making the 72 Series the premier ISO Industrial Interchange.

PRESSURE RATINGS												
Double shut-off (Valved and Valved)												
SIZE	STEEL				STAINLESS STEEL				BRASS			
	MAXIMUM WORKING		MINIMUM BURST		MAXIMUM WORKING		MINIMUM BURST		MAXIMUM WORKING		MINIMUM BURST	
	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR
1/8"	5,000	345	20,000	1,380	4,000	280	16,000	1,105	3,000	210	12,000	830
1/4"	7,500	520	30,000	2,070	5,500	380	22,000	1,520	3,750	260	15,000	1,035
3/8"	5,000	345	20,000	1,380	3,750	260	15,000	1,035	2,750	190	11,000	760
1/2"	5,000	345	20,000	1,380	3,750	260	15,000	1,035	3,000	210	12,000	830
3/4"	4,000	280	16,000	1,105	3,000	210	12,000	830	2,200	155	8,800	610
1"	4,000	280	16,000	1,105	3,000	210	12,000	830	1,500	105	6,000	415

TECHNICAL AND DIMENSIONAL INFORMATION



SIZE	A		A (SAE)		B		C		D		E		E (SAE)		F		G		H	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
1/8"	2.02	51.30			.82	20.65	.93	23.62	.69	17.45	1.38	35.05			.85	21.59	.56	14.22	.62	15.75
1/8" x 1/4"			2.06	52.29	.82	20.65	.93	23.62	.69	17.45			1.42	36.07	.85	21.59	.68	17.27	.76	19.30
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
1/4" x 3/8"			2.41	61.22	.88	22.35	1.12	28.45	.75	19.05			1.67	42.42	.95	24.13	.88	22.35	.96	24.38
3/8"	2.57	65.28			1.13	28.70	1.38	35.05	1.00	25.40	1.74	44.20			1.13	28.70	.88	22.35	.96	24.38
3/8" x 1/2"			2.77	70.36	1.13	28.70	1.38	35.05	1.00	25.40			1.94	49.28	1.13	28.70	1.00	25.40	1.10	27.94
1/2"	2.95	74.93	2.95	74.93	1.37	34.80	1.75	44.45	1.25	31.75	2.01	51.05	2.01	51.05	1.27	32.26	1.13	28.70	1.24	31.50
1/2" x 5/8"			3.02	76.71	1.37	34.80	1.75	44.45	1.25	31.75			2.08	52.83	1.27	32.26	1.19	30.23	1.31	33.27
3/4"	3.48	88.39	3.69	97.73	1.75	44.45	2.13	54.10	1.50	38.10	2.33	59.18	2.54	64.52	1.64	41.66	1.38	35.05	1.51	38.35
1"	4.14	105.16	4.14	105.16	2.00	50.80	2.50	63.50	1.75	44.45	2.81	71.37	2.81	71.37	1.87	47.50	1.63	41.40	1.79	45.47



HOW TO ORDER

PART NO.	S	72	C	4-	4	F		
----------	---	----	---	----	---	---	--	--

Material	Series	Coupling Half	Coupling Size	End Fitting Size	End Fitting Type	Seals	Options
No letter Steel, plated S 303 Stainless Steel SS 316 Stainless Steel B Brass	72	C Coupler N Nipple	2 = 1/8" 4 = 1/4" 6 = 3/8" 8 = 1/2" 12 = 3/4" 16 = 1"	2 = 1/8" 4 = 1/4" 6 = 3/8" 8 = 1/2" 10 = 5/8" 12 = 3/4" 16 = 1"	F* Female NPTF RP Female British Parallel BS2779 EF† Female SAE (Steel & 303 SST Only)	No letter for Buna-N (nitrile) V Viton E Ethylene Propylene Rubber	SL Sleeve Lock

ACCESSORIES

	DUST PLUG	DUST CAP
1/8"	72PDP-2	72PDC-2
1/4"	72PDP-4	72PDC-4
3/8"	72PDP-6	72PDC-6
1/2"	72PDP-8	72PDC-8
3/4"	72PDP-12	72PDC-12
1"	72PDP-16	72PDC-16

- †SAE Threads:
 • 1/8" is supplied with 1/4" SAE (2-4EF) only
 • 1/4" is supplied with 3/8" SAE (4-6EF) only
 • 3/8" is supplied with 1/2" SAE (6-8EF) only
 • 1/2" can be supplied with 5/8" SAE (8-10EF) if required
 • All others are size for size (8-8EF, 12-12EF, 16-16EF)

*316 stainless steel construction supplied with female NPSF threads

Additional Snap-tite products...

3C/6C SERIES CPIFF

Inline Check Valves

- 3000 psi (210 bar), 5000 psi (345 bar) or 6000 psi (415 bar)
- Steel or stainless steel construction
- Soft seat for virtual zero leakage
- Flow rates to 175 gpm (625 l/min)
- NPT, NPTF, NPSF, SAE, BS 2779 and ORS end fittings available
- Cracking pressures 5 psi (0.35 bar), 15 psi (1 bar), 25 psi (1.7 bar) or 65 psi (4.5 bar) available as standard
- 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2" sizes

FRI/FRIA

Inline Flow Control Valves

- 150 to 5000 psi (10-345 bar)
- Pressure compensating
- Free reverse flow
- Adjustable under pressure and flow or non-adjustable
- .75-30 gpm (3-115 l/min) flow
- 1/4", 3/8", 1/2", 3/4" and 1" sizes

37 SERIES

Pneumatic Interchange Coupling

For use on air powered hand tools and shop air applications

- Conforms to MIL-C-4109
- Interchangeable with standard industrial interchange and ARO-210
- One hand operation with push-to-connect
- One way shut-off
- 1/4", 3/8" and 1/2" sizes

61 SERIES

ISO Series A Interchange

- Dimensions and performance requirements conform to ISO 7241-1 Series A
- Proven ball-lock mechanism provides positive connection
- Interchangeable with other Standard ISO A Couplings
- Superior pressure and flow characteristics
- Poppet style double shut-off

74 SERIES

Flush Face Push-to-Connect Dry Break Couplings

- Dimensions and performance requirements in accordance with ANSI/NFPA T3.20.15-1991
- Safety sleeve lock, standard
- Medium duty sleeve standard, heavy duty available
- Push-to-connect against 500 psi (3.5 bar) on nipple and 1000 psi (70 bar) on coupler

78 SERIES

Thread-to-Connect Couplings

- Heavy duty, wing/hex for easy connection
- Interchangeability
- Pressures to 3000 psi (210 bar)
- Sizes from 3/4" to 1-1/2"
- Designed for rugged applications including:
 - Coal hauling trucks
 - Oil well equipment
 - Hydraulic dump trucks
 - Sand and salt spreaders

! 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.


Snap-tite
COMPONENTS, INC.

Quick Disconnect & Valve Division
201 Titusville Road
Union City, Pennsylvania 16438-8699 USA
PH: 814-438-3821 FAX: 814-438-3069
e-mail: qd&v_sales@snap-tite.com
www.snap-tite.com


Snap-tite
EUROPE

Industrial Estate
Whitemill - Wexford
Republic of Ireland
PH: 353-53-41566 FAX: 353-53-41582
e-mail: ste_sales@snap-tite.com
www.snap-tite.com

DISTRIBUTED BY:

Supplied by

AMBERCOMPOSITES

94 Station Road, Langley Mill
Nottingham, NG16 4BP United Kingdom
T: +44 (0)1773 530899 F: +44 (0)1773 768687
E: sales@ambercomposites.com
www.ambercomposites.com

ISO-9001 Certified