

★ *Snap-Tite*

ISO

Series A
Interchange

61
SERIES



★ Snap-tite 61 Series — ISO A Interchange

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



- Interchangeable with other manufacturers offering ISO Series A couplings
- Dimensional & performance requirements conform to ISO 7241-1 Series A
- 4:1 Safety Factor
- Proven ball-lock mechanism provides positive connection
- Poppet style shut-off
- High strength steel construction
- Zinc Trivalent Chromate plating[†] for corrosion resistance
- Choice of seal materials to handle a variety of fluids
- Sizes 1/4" – 1"

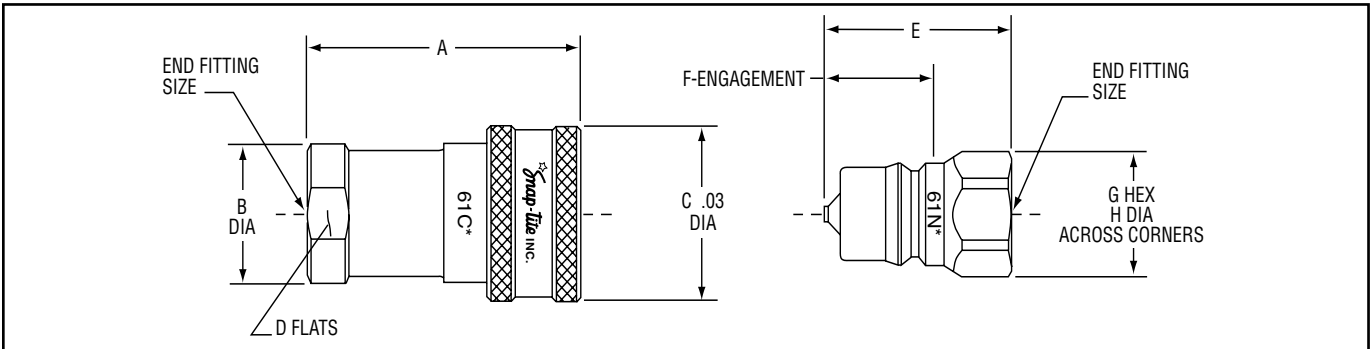
[†]Conforms with ROHS and WEEE European Union Directives

Snap-tite's 61 Series is designed to conform to the dimensional and performance requirements of ISO 7241-1 Series A, which details the testing, performance and dimensions of the nipple. This is to enable interchangeability with couplings produced by other manufacturers who meet the same standard. Snap-tite's 61 Series features superior working pressures, flow characteristics and safety factors, making the 61 Series the premier ISO Series A interchange.

PRESSURE RATINGS

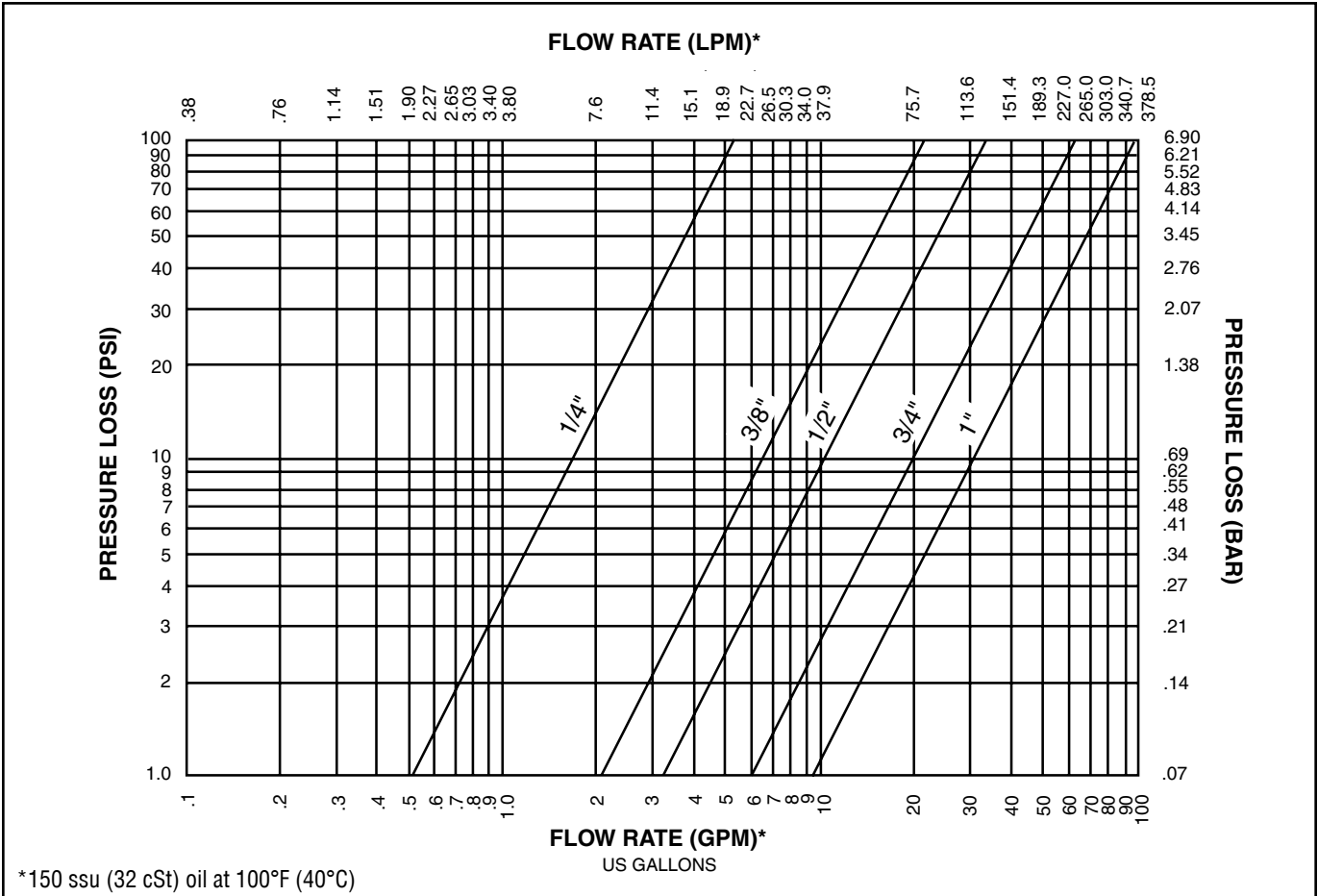
| SIZE | MAXIMUM WORKING | | MINIMUM BURST | | MAXIMUM CONNECT BY HAND | |
|------|-----------------|-----|---------------|------|-------------------------|-----|
| | PSI | BAR | PSI | BAR | PSI | BAR |
| 1/4" | 4,600 | 317 | 18,400 | 1269 | 150 | 10 |
| 3/8" | 4,600 | 317 | 18,400 | 1269 | 150 | 10 |
| 1/2" | 4,000 | 276 | 16,000 | 1103 | 100 | 7 |
| 3/4" | 4,000 | 276 | 16,000 | 1103 | 50 | 3 |
| 1" | 3,000 | 207 | 12,000 | 828 | 40 | 3 |

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 |
| 1/4" | 1.94 | 49.28 | | | .88 | 22.35 | 1.06 | 26.92 | .75 | 19.05 | 1.45 | 19.05 | | | .64 | 16.26 | .75 | 19.05 | .83 | 21.08 |
| 1/4" x 3/8" | | | 1.94 | 49.28 | .88 | 22.35 | 1.06 | 26.92 | .81 | 20.57 | | | 1.45 | 19.05 | .64 | 16.26 | .81 | 20.57 | .89 | 22.60 |
| 3/8" | 2.34 | 59.44 | | | 1.06 | 26.92 | 1.27 | 32.25 | .88 | 22.35 | 1.76 | 44.70 | | | .82 | 20.83 | .88 | 22.35 | .96 | 24.38 |
| 3/8" x 1/2" | | | 2.34 | 59.44 | 1.06 | 26.92 | 1.27 | 32.25 | 1.00 | 25.40 | | | 1.76 | 44.70 | .82 | 20.83 | 1.00 | 25.40 | 1.10 | 27.94 |
| 1/2" | 2.71 | 68.83 | 2.71 | 68.83 | 1.19 | 30.23 | 1.50 | 38.10 | 1.00 | 25.40 | 2.00 | 50.80 | 2.00 | 50.80 | 1.00 | 25.40 | 1.06 | 26.92 | 1.17 | 29.72 |
| 1/2" x 5/8" | | | 2.71 | 68.83 | 1.19 | 30.23 | 1.50 | 38.10 | 1.13 | 28.70 | | | 2.00 | 50.80 | 1.00 | 25.40 | 1.13 | 28.70 | 1.24 | 31.50 |
| 3/4" | 3.27 | 83.06 | 3.27 | 83.06 | 1.61 | 40.89 | 1.88 | 47.75 | 1.38 | 35.05 | 2.44 | 61.98 | 2.44 | 61.98 | 1.31 | 33.27 | 1.38 | 35.05 | 1.51 | 38.35 |
| 1" | 3.68 | 93.47 | 3.68 | 93.47 | 1.86 | 47.24 | 2.13 | 54.10 | 1.63 | 41.40 | 2.67 | 67.82 | 2.67 | 67.82 | 1.59 | 40.39 | 1.63 | 41.40 | 1.79 | 45.47 |

FLOW CHART



HOW TO ORDER

| | | | | | | | |
|-----------------|---|--|---|--|--|-----------------------------|--|
| PART NO. | 61 | C | 6- | 6 | F | | |
| Series | Coupling Half | Coupling Size | End Fitting Size | End Fitting Type | Seals | Options | |
| 61 | C Coupler N Nipple | 4 = 1/4" 6 = 3/8" 8 = 1/2" 12 = 3/4" 16 = 1" | 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 | Std. seal is Buna V = Viton E = Ethylene Propylene Rubber M = MIL-H-5606 | SL Sleeve Lock | |

*SAE Threads: 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)

ACCESSORIES

| | DUST PLUG | DUST CAP |
|------|------------------|-----------------|
| 1/4" | 61PDP-4 | 61PDC-4 |
| 3/8" | PDP-8 | PDC-8 |
| 1/2" | 61PDP-8 | PDC-12 |
| 3/4" | 61PDP-12 | 61PDC-12 |
| 1" | 61PDP-16 | 61PDC-16 |

! 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.



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



DISTRIBUTED BY:

信德迈科技(北京)有限公司CNMEC Technology (Beijing) Co.,Ltd.
 地址：北京市朝阳区胜古中路2号金基业大厦201室
 邮编：100029

电话：010- 8428 2935, 8428 9077
 Http：//www.cnmec.biz
 Email: sales@cnmec.biz
 传真：010-8428 8762

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