



FULL FLOW QUICK-CONNECTS

QUALITY, VALUE AND INNOVATION.



FULL FLOW QUICK-CONNECTS

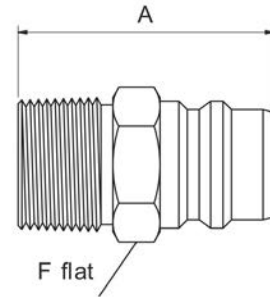
SFQC Series

Features

- Ball-lock mechanism provides positive connection.
- Simple push-pull action to connect and disconnect lines
 *No tools required.
- Compact coupling offers full flow without restrictions.
- O-ring is easily replaced without disassembling body.



Table Dimensions

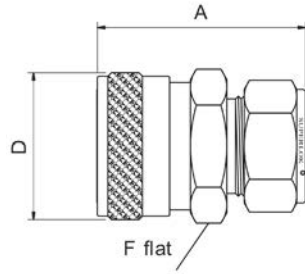


Plug

| Part Number | End Connection | | Cv | Min Orifice | A | F | | |
|-------------|----------------|---------------------|------|-------------|------|------|------|------|
| | Type | | | | | | | |
| SFQC2P | S4 | 1/4" Superlok | 2.2 | 4.8 | 45.0 | 14.3 | | |
| | S6 | 3/8" Superlok | 2.8 | 6.1 | | 17.5 | | |
| | M4N(R) | 1/4" Male NPT | 1.7 | | 6.1 | 40.4 | 14.3 | |
| | M6N(R) | 3/8" Male NPT(PT) | | 17.5 | | | | |
| | M4G | 1/4" Male PF | | 40.6 | | 19.1 | | |
| | F4N(R) | 1/4" Female NPT(PT) | | | | 42.4 | 22.2 | |
| | F6N(R) | 3/8" Female NPT(PT) | | 40.6 | | | 19.1 | |
| | F4G | 1/4" Female PF | | | | | | |
| SFQC3P | S6 | 3/8" Superlok | | 2.9 | | 7.1 | 47.8 | 22.2 |
| | S8 | 1/2" Superlok | | 13.0 | | 10.4 | 50.5 | |
| | M6N(R) | 3/8" Male NPT(PT) | 7.1 | 10.4 | 41.9 | 27.0 | | |
| | M8N(R) | 1/2" Male NPT(PT) | 11.5 | 12.7 | 46.7 | | | |
| | M8G | 1/2" Male PF | 11.5 | 11.9 | 46.2 | 27.0 | | |
| | F6N(R) | 3/8" Female NPT(PT) | 7.1 | 12.7 | 40.4 | | | |
| | F8N(R) | 1/2" Female NPT(PT) | 11.5 | 12.7 | 46.2 | | | |
| | F8G | 1/2" Female PF | 11.5 | | | | | |
| SFQC4P | S12 | 3/4" Superlok | 26.0 | 15.7 | 54.6 | 27.0 | | |
| | M12N(R) | 3/4" Male NPT(PT) | 23.6 | 18.3 | 51.6 | | | |
| | F12N(R) | 3/4" Female NPT(PT) | | | 52.8 | 33.3 | | |
| SFQC5P | S16 | 1" Superlok | | | 45.0 | 22.4 | 62.2 | 34.9 |
| | M16N(R) | 1" Male NPT(PT) | 39.0 | 59.7 | | | | |
| | F16N(R) | 1" Female NPT(PT) | | 63.2 | 41.3 | | | |

*All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change.

FULL FLOW QUICK-CONNECTS



Body

| Ordering Number | | End Connection | Cv | A | D | F | |
|-----------------|---------|---------------------|------|------|------|------|------|
| Body Series | | Type | | | | | |
| SFQC2B | S4 | 1/4" Superlok | 8 | 45.7 | 22.2 | 17.5 | |
| | S6 | 3/8" Superlok | 7.1 | 46.0 | | | |
| | M4N(R) | 1/4" Male NPT | 6.4 | 40.0 | | | |
| | M6N(R) | 3/8" Male NPT(PT) | 9.4 | | | | |
| | M4G | 1/4" Male PF | 6.1 | 45.7 | | | 19.1 |
| | F4N(R) | 1/4" Female NPT(PT) | | 38.1 | | | |
| | F6N(R) | 3/8" Female NPT(PT) | 9.7 | 41.4 | | | 22.2 |
| | F4G | 1/4" Female PF | | 38.1 | | 19.1 | |
| SFQC3B | S6 | 3/8" Superlok | 7.1 | 55.1 | 33.0 | 27.0 | |
| | S8 | 1/2" Superlok | 11.9 | 56.6 | | | |
| | M6N(R) | 3/8" Male NPT(PT) | 10.4 | 46.5 | | | |
| | M8N(R) | 1/2" Male NPT(PT) | 12.7 | 52.8 | | | |
| | M8G | 1/2" Male PF | 11.9 | | | | |
| | F6N(R) | 3/8" Female NPT(PT) | 15.0 | | | | |
| | F8N(R) | 1/2" Female NPT(PT) | 16.0 | 43.9 | | | |
| | F8G | 1/2" Female PF | | | | | |
| SFQC4B | S12 | 3/4" Superlok | 15.7 | 62.2 | 42.6 | 38.1 | |
| | M12N(R) | 3/4" Male NPT(PT) | 18.3 | 59.2 | | | |
| | F12N(R) | 3/4" Female NPT(PT) | 22.4 | 48.0 | | | |
| SFQC5B | S16 | 1" Superlok | 22.4 | 70.0 | 49.0 | 44.5 | |
| | M16N(R) | 1" Male NPT(PT) | | 67.3 | | | |
| | F16N(R) | 1" Female NPT(PT) | 26.9 | 53.8 | | | |

Materials of Construction

| Component | Material | |
|--------------|--------------|-------------|
| | 316 SS | Brass |
| Body | SS316 / A276 | Brass / B16 |
| Sleeve | | |
| Locking Ball | | |
| Spring | SS304 | |
| Snap Ring | | |
| O-Ring | Viton | NBR |
| Plug | SS316 / A276 | Brass / B16 |

Pressure-Temperature Ratings

| Temperature °F (°C) | 316 SS with Viton O-ring | | | | Brass with NBR O-Ring | | | |
|------------------------|--------------------------------------|--------|---------------|--------|-----------------------|---------------|--------|---------------|
| | SFQC 2 | SFQC 3 | SFQC 4 | SFQC 5 | SFQC 2 | SFQC 3 | SFQC 4 | SFQC 5 |
| | Pressure Rating, coupled, PSIG (bar) | | | | | | | |
| 70 (20) | 6000 (413) | | 4000 (275) | | 4000 (275) | 3000 (206) | | 2000 (137) |
| 250 (121) | | | | | 100 (6.8) | | | |
| 400 (204) | 250 (17.2) | | | | | | | |

Option

BODY & PLUG PROTECTOR

Body & Plug Protectors guard against damage and contaminants when bodies and plugs are uncoupled.

| Series | Ordering Number | |
|--------|-----------------|----------------|
| | Body Protector | Plug Protector |
| SFQC 2 | SFQC2 - BP | SFQC2 - PP |
| SFQC 3 | SFQC3 - BP | SFQC3 - PP |
| SFQC 4 | SFQC4 - BP | SFQC4 - PP |
| SFQC 5 | SFQC5 - BP | SFQC5 - PP |

Insertion Depth

| Series | Depth, in.(mm) |
|--------|----------------|
| SFQC 2 | 0.78 (19.8) |
| SFQC 3 | 0.81 (20.6) |
| SFQC 4 | 0.90 (23.0) |
| SFQC 5 | 0.94 (23.9) |

Ordering Information

Example: **SFQC4B** - **M** - **12N** - **SS**

1 2 4 5

1. Body Series

SFQC2B
SFQC3B
SFQC4B
SFQC5B

Plug Series

SFQC2P
SFQC3P
SFQC4P
SFQC5P

2. Port Type

S : SUPERLOK Tube Fitting
F : Female Thread
M : Male Thread

3. End Connection Size

Tube O.D Designation

| Tube O.D (inch) | 1/4 | 3/8 | 1/2 | 3/4 | 1 |
|-----------------|-----|-----|-----|-----|-----|
| Designation | 4 | 6 | 8 | 12 | 4 |
| Tube O.D (mm) | 6 | 10 | 12 | 20 | 25 |
| Designation | 6M | 10M | 12M | 20M | 25M |

Pipe Thread Designation

| Size (inch) | 1/4 | 3/8 | 1/2 | 3/4 | 1 |
|--------------|-----|-----|-----|-----|-----|
| Screwed BSPT | 4R | 6R | 8R | 12R | 16R |
| Screwed NPT | 4N | 6N | 8N | 12N | 16N |
| Screwed BSPP | 4G | 6G | 8G | 12G | 16G |

4. Body Material

SS : 316 Stainless Steel
B : Brass

OTHER PRODUCTS



Superlok Tube Fittings

High quality dual and single ferrule Tube fittings for the most reliable tube connections. Our tube fitting are available in a broad range of sizes, materials and configurations.



Valves

A full range of instrument ball valves, needle valves, check valves and relief valves. Our instrument valves are available in multiple configurations, end connection sizes and materials.



Tubing

High quality stainless steel and exotic alloy tubing for industrial process and instrumentation. We proudly represent Alleima (Sandvik), the world leader in development of stainless steels and advanced alloys for industry.



UHP Fittings & Valves

Ultra-High Purity fittings & valves are used to connect tubing in industries that require extremely clean and contaminant-free systems. The process involves electro-polishing and ultrasonic cleaning with deionized water.

Unmatched PERFORMANCE & RELIABILITY

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