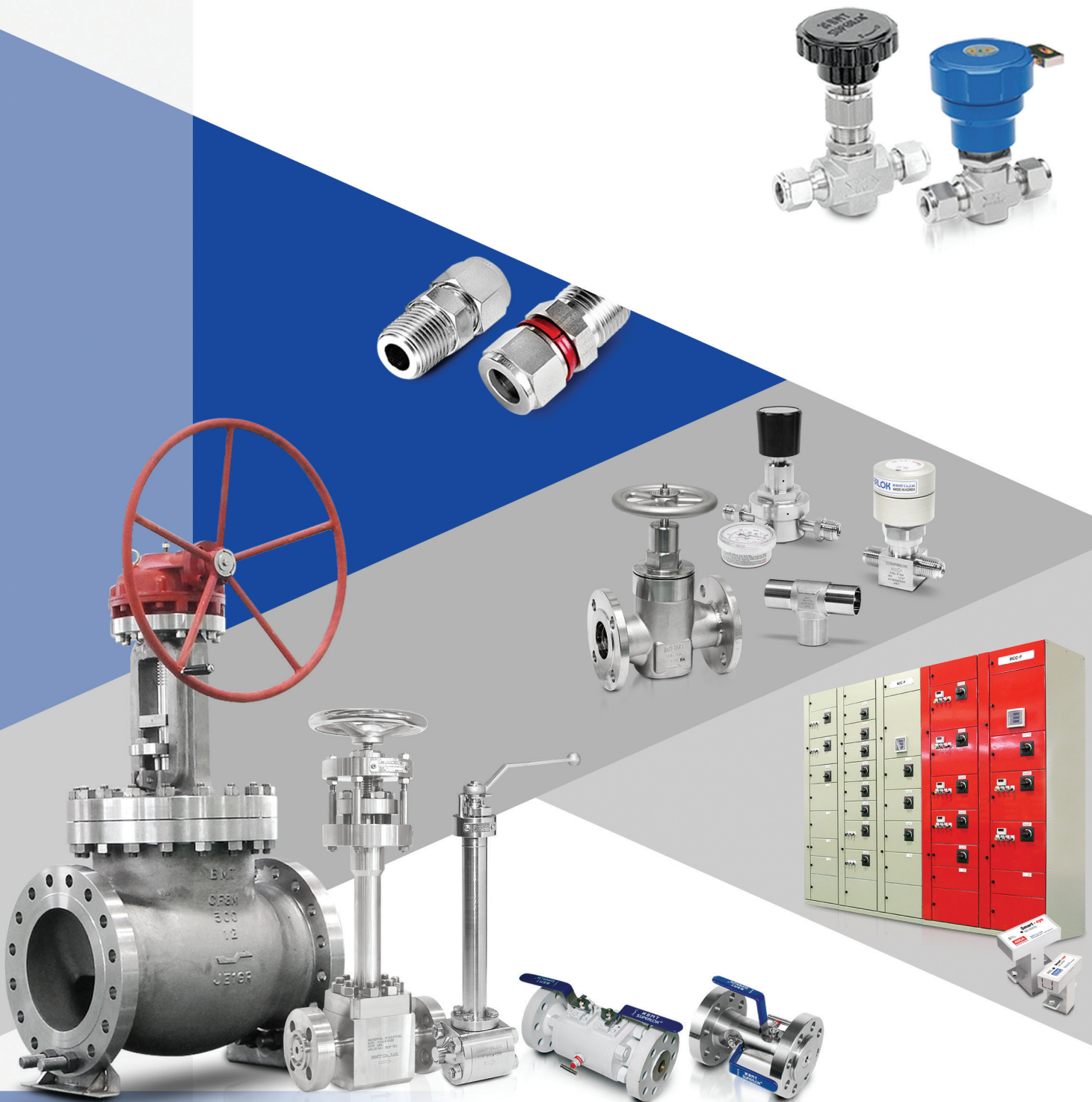


BMT Company Profile



SUPERLOK®

BMT Co., Ltd.
www.superlok.com

Fittings & Valves

PROCESS VALVE



INSTRUMENTATION
FITTING & VALVE



ULTRA HIGH PURITY
FITTING & VALVE



Electric & Energy

SWITCHBOARD



DISTRIBUTION BOARD
& MCPD



ENERGY
MANAGEMENT SOLUTION



BMT Co., Ltd.
BUSINESSES

PROUDLY MADE IN KOREA

www.superlok.com

System Certificates (as of September 2020)



Product (Type Approval) Certificates (as of September 2020)

PRODUCT/TYPE	DESCRIPTION/AUTHORITY
Cryogenic Ball Valves	BV (1/2", 1", 2", 2-1/2", 3", 4", 6", 10") / DNV·GL (1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 4", 6", 10") / LR (1/2", 3/4", 1", 1-1/2", 2", 3", 4", 6", 10") / KR (1/2", 1", 2", 4")
Cryogenic Block&Bleed Valves	DNV·GL (1/2"), KR (1/2")
Cryogenic Needle Valves	BV (1/2"), KR (1/2", 3/4", 1"), ABS (1/2")
Cryogenic Globe Valves	BV (1/2", 2", 2-1/2", 4", 6", 8") / DNV·GL (1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 3", 4", 6", 8", 10", 12") / LR (1/2", 3/4", 1", 1-1/2", 2", 4", 6", 8") / KR (1/2", 3/4", 2", 3", 10", 12")
Cryogenic Gate Valves	KR (2", 10")
Cryogenic Check Valves	KR (1/2", 2", 10")
Flanged Ball (SBVE) Valves	LR (3/4")
Tube Fittings	SUPERLOK Tube Fittings (BV / DNV·GL / NK / LR) / Bite Type Tube Fittings (DNV·GL / NK / LR) / SAE 37" Flared Tube Fittings (DNV·GL)
CNG (ECE Regulation 110) Components	SUPERLOK Tube Fittings, High Pressure Ball/Check Valves, Trunnion Ball Valves, Receptacles, Filters
EC Type Approval of a Hydrogen Component	SUPERLOK Tube Fittings
CRN (Canadian Registration Number)	Ball/Needle Valves, Thread Fittings, Flanges

NOC/IOC Vendor Registration (as of Sep 2019)

Chevron
ExxonMobil
Abu Dhabi National Oil Company (ADNOC)*
Petroleum Development Oman (PDO)
ORPIC (Oman Refinery Company)
Kuwait National Petroleum Company (KNPC)
Kuwait Oil Company (KOC)
National Iranian Gas Company (NIGC)
National Iranian Oil Engineering & Construction Co. (NIOEC)
NIOC (National Iranian Oil Company)
NPC (National Petrochemical Company)
PT. PERTAMINA (LIMITED) RU Cilacap
SABIC (Saudi Basic Industries Corporation)
Iran Gas Engineering and development co. (IGEDC)
Iranian Central Oil Field Co. (ICOFC)
Iranian Offshore Oil Co. (IOOC)

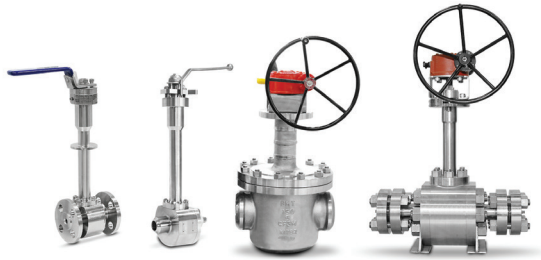
* For subsidiary companies: ADGAS, ADMA-OPCO, BOROUGE, FERTIL, TAKREER, ZADCO

Major Milestones

2019	Listed as an official supplier of UHP products for SAMSUNG Electronics
2018	Listed as an official supplier of: Cryogenic valves for SHI, HHI, and DSME; and UHP products for SK Hynix and LG Display
2016	World Class 300 Company Designation (Small/Medium Business Administration of S.Korea)
2015	Presidential Citation for Venture Vitalization (President of S.Korea)
2013	2nd Factory was established
2012	UHP Division was started up Cryogenic Valves were launched
2011	i-Fitting & Process Valve series were launched Partnership with Schneider Electric for Distribution Boards
2009	HQ and Factory (1st) were moved to Yangsan
2008	Tin Tower Order of Industrial Service Merit (President of S.Korea)
2007	Listed on KOSDAQ market
2005	BMT R&D Center was established Electric & Energy Division was started up
1988	Gyeong Pung Machinery Co. (current BMT Co., Ltd.) was founded

INDUSTRIAL VALVES

CRYOGENIC BALL VALVES



■ APPLICATIONS

Cryogenic liquids such as liquefied oxygen, nitrogen, argon

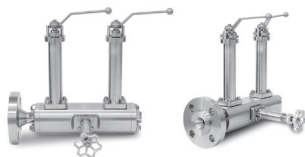
■ SPECIFICATIONS

Size : 1/2 to 14 in.

Working Pressure : Class 150 to 2500

Temperature : down to -320°F (-196°C)

CRYOGENIC DBB VALVES



■ APPLICATIONS

Cryogenic liquids such as liquefied oxygen, nitrogen, argon

■ SPECIFICATIONS

Size : 1/2 to 4 in.

Working Pressure : Class 150 to 2500

Temperature : down to -320°F (-196°C)

CRYOGENIC NEEDLE VALVES



■ APPLICATIONS

Cryogenic liquids such as liquefied oxygen, nitrogen, argon

■ SPECIFICATIONS

Size : 1/2 to 1-1/2 in.

Working Pressure : Class 150 to 2500

Temperature : down to -320°F (-196°C)

CRYOGENIC GLOBE VALVES



■ APPLICATIONS

Cryogenic liquids such as liquefied oxygen, nitrogen, argon

■ SPECIFICATIONS

Size : 1/2 to 14 in.

Working Pressure : Class 150 to 2500

Temperature : down to -320°F (-196°C)

CRYOGENIC GATE VALVES



■ APPLICATIONS

Cryogenic liquids such as liquefied oxygen, nitrogen, argon

■ SPECIFICATIONS

Size : 2 to 8 in.

Working Pressure : Class 150 to 300

Temperature : down to -320°F (-196°C)

CRYOGENIC CHECK VALVES



■ APPLICATIONS

Cryogenic liquids such as liquefied oxygen, nitrogen, argon

■ SPECIFICATIONS

Size : 1 to 14 in.

Working Pressure : Class 150 to 300

Temperature : down to -320°F (-196°C)

BALL VALVES (FLOATING/TRUNNION MOUNTED)



■ APPLICATIONS

Hydraulic system, Chemical / Petrochemical, Oil and Gas production

■ SPECIFICATIONS

Size : 1/2 to 24 in.

Working Pressure : Class 150 to 2500

Temperature : -51 to 500°F (-46 to 260°C)

up to 842°F (450°C) with metal seat

BLOCK & BLEED VALVES



■ APPLICATIONS

Process piping isolation points, Direct mount to instruments, Vents and drains

■ SPECIFICATIONS

Size : 1/2 to 16 in.

Working Pressure : Class 150 to 2500

Temperature : -51 to 500°F (-46 to 260°C)

up to 842°F (450°C) with metal seat

INDUSTRIAL VALVES

GLOBE VALVES



■ APPLICATIONS

Hydraulic system, Chemical/Petrochemical, Oil & Gas production

■ SPECIFICATIONS

Size : 1/2 to 16 in.

Working Pressure : Class150 to 2500

Temperature : -49 to 842°F (-45 to 450°C)

SAE FLANGED BALL VALVES (SBVE)



■ APPLICATIONS

Hydraulic system

■ SPECIFICATIONS

Size : 1/2 to 5 in.

Working Pressure : up to 6000 psi (414 bar)@100°F (38°C)

Temperature : -4 to 392°F (-20 to 200°C)

BALL VALVES (SBV 120H)



■ APPLICATIONS

Instrument air line

■ SPECIFICATIONS

Size : 1/16 to 3/4 in., 3 to 12 mm

Working Pressure : up to 3000 psi (206 bar)@100°F (38°C)

Temperature : 50 to 150°F (10 to 66°C)

BALL VALVES (SBV 210)



■ APPLICATIONS

Instrument air line

■ SPECIFICATIONS

Size : 1/4 to 1 in., 6 to 16 mm

Working Pressure : up to 1000 psi (69 bar)@100°F (38°C)

Temperature : 0 to 450°F (-17 to 232°C) with PTFE seat

BALL VALVES (SBVH 360)



■ APPLICATIONS

High pressure Instrument system, Hydraulic system

■ SPECIFICATIONS

Size : 1/4 to 1 in., 6 to 25 mm

Working Pressure : up to 6000 psi (414 bar) @ 100°F (38°C)

Temperature : -65 to 302°F (-54 to 150°C) with PCTFE seat

-65 to 500°F (-54 to 260°C) with PEEK seat

TRUNNION BALL VALVES (BT)



■ APPLICATIONS

Instrument air lines, GAS & CNG industry, Sampling

■ SPECIFICATIONS

Size : 1/8 to 1/2 in., 6 to 12 mm

Working Pressure : up to 10000 psi (689 bar)@100°F (38°C)

Temperature : 0 to 450°F (-17 to 232°C)

SWING-OUT BALL VALVES



■ APPLICATIONS

Instrument air lines, Chemical process, Oil and Gas production

■ SPECIFICATIONS

Size : 1/4 to 2 in.

Working Pressure : up to 3000 psi (206 bar)@100°F (38°C)

Temperature : -20 to 450°F (-29 to 232°C)

KEY OPERATION BALL VALVES



■ APPLICATIONS

Pneumatic system, Instrument system & isolation, General service

■ SPECIFICATIONS

Size : 1/4 to 1 in., 6 to 25 mm

Working Pressure : up to 6000 psi (413 bar) @70°F (21°C)

Temperature : 0 to 450°F (-17 to 232°C) with PTFE seat

INDUSTRIAL VALVES

BALL VALVES TO DIN STANDARD



APPLICATIONS

Hydraulic lines

SPECIFICATIONS

Size : 4mm to 42mm

Working Pressure : up to 7200 psi (496 bar)@100°F (38°C)

Temperature : -4 to 210°F (-20 to 100°C)

FORGED HIGH PRESSURE BALL VALVES (SBVF 360)



APPLICATIONS

High pressure instrument lines, Oil & Gas production

SPECIFICATIONS

Size : 1/8 to 3/4 in., 3 to 16 mm

Working Pressure : up to 6000 psi (414 bar)@100°F (38°C)

Temperature : -65 to 200°F (-54 to 93°C) with PCTFE seat

-65 to 350°F (-54 to 177°C) with PTFE seat

MANIFOLD VALVES



APPLICATIONS

Pressure switch, Pressure transmitters, Differential pressure instrumentation

SPECIFICATIONS

Size : 1/4 to 1/2 in

Working Pressure : up to 6000 psi (414 bar)@100°F (38°C)

Temperature : -65 to 450°F (-54 to 232°C) with PTFE packing

up to 1200°F (649°C) with Graphite packing

UNION BONNET NEEDLE VALVES (SUNV)



APPLICATIONS

High pressure and high temperature services, Severe and corrosive services, Condensate sampling systems

SPECIFICATIONS

Size : 1/4 to 1 in., 6 to 25 mm

Working Pressure : up to 6000 psi (414 bar)@100°F (38°C)

Temperature : -65 to 450°F (-54 to 232°C) with PTFE packing

-65 to 600°F (-54 to 315°C) with PEEK packing

up to 1,200°F (649°C) with Graphite packing

INTEGRAL BONNET NEEDLE VALVES (SINV)



APPLICATIONS

Instrument isolation, General service, Test valve

SPECIFICATIONS

Size : 1/8 to 3/4 in., 3 to 18 mm

Working Pressure : up to 5000 psi (345 bar)@100°F (38°C)

Temperature : -65 to 450°F (-54 to 232°C) with PTFE packing

-65 to 600°F (-54 to 315°C) with PEEK packing

INTEGRAL BONNET BAR STOCK NEEDLE VALVES (SBNV)



APPLICATIONS

Instrument isolation, General service, Test valves

SPECIFICATIONS

Size : 1/8 to 1 in., 6 to 25 mm

Working Pressure : up to 6000 psi (414 bar)@100°F (38°C)

Temperature : -65 to 450°F (-54 to 232°C) with PTFE packing

-65 to 600°F (-54 to 315°C) with PEEK packing

HIGH PRESSURE BAR STOCK NEEDLE VALVES (SHBNV)



APPLICATIONS

High pressure service, Instrument isolation

SPECIFICATIONS

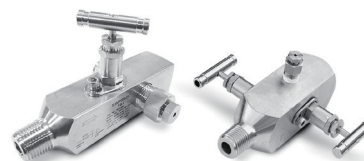
Size : 1/4 to 1/2 in.

Working Pressure : up to 10000 psi (689 bar) @ 100°F (38°C)

Temperature : -65 to 450°F (-54 to 232°C) with PTFE packing

up to 1200°F (649°C) with Graphite packing

INSTRUMENTATION GAUGE VALVES



APPLICATIONS

Pressure gauge, Primary isolation

SPECIFICATIONS

Size : 1/2 to 3/4 in.

Working Pressure : up to 6000 psi (414 bar)@100°F (38°C)

Temperature : -65 to 450°F (-54 to 232°C) with PTFE packing

up to 1200°F (649°C) with Graphite packing

CHECK VALVES (SPCV)



APPLICATIONS

Instrument lines, Prevention of reversed flow, Uni-directional flow control

SPECIFICATIONS

Size : 1/8 to 1 in., 6 to 25mm
Working Pressure : up to 3000 psi (206 bar)@100°F (38°C)
Cracking Pressure : 1/3 to 25 psi (0.03 to 1.7 bar)
Temperature : -10 to 375°F (-23 to 191°C) with Viton seal

ADJUSTABLE CHECK VALVES (SACV)



APPLICATIONS

Pressure switch, Pressure transmitters, Differential pressure instrumentation

SPECIFICATIONS

Size : 1/4 to 3/8 in., 6 to 8mm
Working Pressure : up to 3000 psi (206 bar)
Cracking Pressure : 3 to 600 psi (0.2 to 41.3 bar)
Temperature : -10 to 375°F (-23 to 191°C) with Viton seal

ONE-PIECE CHECK VALVES (SOCV)



APPLICATIONS

Pressure switch, Pressure transmitters, Differential pressure instrumentation

SPECIFICATIONS

Size : 1/4 to 3/4 in.
Working Pressure : up to 3000 psi (206 bar)
Cracking Pressure : 1/3 to 25 psi (0.02 to 1.7 bar)
Temperature : -10 to 375°F (-23 to 191°C) with Viton seal

ONE-PIECE ADJUSTABLE CHECK VALVES (SOACV)



APPLICATIONS

Pressure switch, Pressure transmitters, Differential pressure instrumentation

SPECIFICATIONS

Size : 1/4 to 1/2 in.
Working Pressure : up to 3000 psi (206 bar)
Cracking Pressure : 3 to 600 psi (0.2 to 41.3 bar)
Temperature : -10 to 375°F (-23 to 191°C) with Viton seal

HIGH PRESSURE CHECK VALVES (SHCV)



APPLICATIONS

Prevention of reversed flow, High Pressure characteristics

SPECIFICATIONS

Size : 1/8 to 1 in., 6 to 25 mm
Working Pressure : up to 6000 psi (414 bar)@100°F (38°C)
Cracking Pressure : 1/3 to 25 psi (0.03 to 1.7 bar)
Temperature : -10 to 375°F (-23 to 191°C) with Viton seal

HIGH PRESSURE CHECK VALVES (SHPCV)



APPLICATIONS

High pressure equipment, Pumping system, Hydraulic intensifier, Water blasting

SPECIFICATIONS

Size : 1/4 to 1 in.
Working Pressure : up to 60000 psi (4137 bar)
Cracking Pressure : 14 to 26 psi (0.966 to 1.794 bar)
Temperature : -110 to 1200°F (-79 to 649°C) with Metal seat
-50 to 500°F (-45 to 260°C) with O-ring seat

HIGH PRESSURE NEEDLE VALVES (SHNV60)



APPLICATIONS

High pressure equipment, Pumping system, Hydraulic intensifier, Water blasting

SPECIFICATIONS

Size : 1/4 to 1 in.
Working Pressure : up to 60000 psi (4137 bar)
Temperature : 0 to 450°F (-17 to 232°C) with PTFE packing
up to 800°F (427°C) with Graphite packing

HIGH PRESSURE BALL VALVES (SHBV)



APPLICATIONS

High pressure equipment, Pumping system, Hydraulic Intensifier, Water blasting, Test machine

SPECIFICATIONS

Size : 1/8 to 1 in.
Working Pressure : up to 20000 psi (1397 bar)
Temperature : 0 to 400°F (-17.8 to 204°C)

INDUSTRIAL VALVES

PLUG VALVES



■ APPLICATIONS

Control panels, Specialty gas systems, Chemical delivery

■ SPECIFICATIONS

Size : 1/8 to 1/2 in., 6 to 12 mm

Working Pressure : up to 3000 psi (206 bar)@100°F (38°C)

Temperature : -10 to 400°F (-23 to 204°C)

RISING PLUG VALVES



■ APPLICATIONS

Lines containing small solid impurities, Viscous fluids or slurries,
Systems requiring flow regulation and full flow capabilities

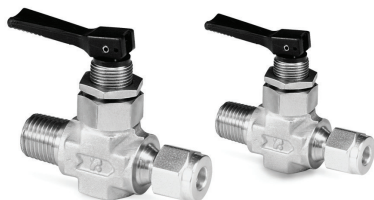
■ SPECIFICATIONS

Size : 1/4 to 3/4 in.

Working Pressure : up to 6000 psi (414 bar)@100°F (38°C)

Temperature : -20 to 400°F (-28 to 204°C)

TOGGLE VALVES



■ APPLICATIONS

Test panels, Purge systems, Rapid open/close systems

■ SPECIFICATIONS

Size : 1/8 to 1/2 in., 3 to 12 mm

Working Pressure : up to 300 psi (20.6 bar)@100°F (38°C)

Temperature : -20 to 200°F (-28 to 93°C)

INDUSTRIAL EXCESS FLOW VALVES



■ APPLICATIONS

Fuel system, Gas system, Hydraulic & Pneumatic system

■ SPECIFICATIONS

Size : 1/8 to 1/2 in., 6 to 12 mm

Working Pressure : up to 6000 psi (414 bar)@100°F (38°C)

Temperature : -10 to 400°F (-23 to 204°C) with Viton seal

BLEED VALVES



■ APPLICATIONS

Venting of instrument system, Hydraulic & Pneumatic system

■ SPECIFICATIONS

Size : 1/8 to 3/4 in.

Working Pressure : 10000 psi (689 bar)@100°F (38°C)

Temperature : -65 to 850°F (-54 to 454°C)

PURGE VALVES



■ APPLICATIONS

Purging of instrument system, Hydraulic & Pneumatic system

■ SPECIFICATIONS

Size : 1/4 to 1/2 in.

Working Pressure : up to 4000 psi (275 bar) @ 100°F (38°C)

Temperature : -65 to 600°F (-54 to 315°C)

RELIEF VALVES (SRVL, SRVH)



■ APPLICATIONS

Overpressure protection

■ SPECIFICATIONS

Size : 1/4 to 1/2 in., 6 to 12 mm

Working Pressure : up to 300 psi (21 bar)@100°F (38°C) for SRVL

up to 6000 psi (414 bar)@100°F (38°C) for SRVH

Opening Pressure : 10 to 250 psi (0.69 to 17.2 bar) for SRVL

225 to 6000 psi (15.5 to 414 bar) for SRVH

Temperature : -10 to 400°F (-23 to 204°C)

MODULAR MOUNTING SYSTEM



■ APPLICATIONS

General pressure and differential pressure measurements

■ SPECIFICATIONS

Manifold (Standard): 2- and 4-valve

Process/Vent Connection: G 1/4 Female, NPT 1/4 Female

Working Pressure: up to 6000 psi (414 bar) @ 38°C (100°F)

Temperature: up to 200°C (392°F)

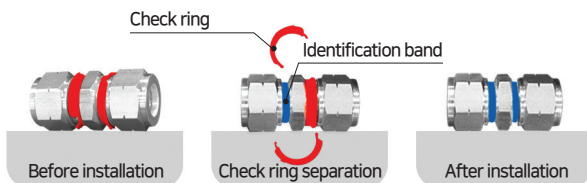
i-Fitting

SUPERLOK Tube Fittings & Valves with i-Fitting



i-Fitting Features

- i-Fitting components include: body, front & back ferrule, nut, identification band, and check ring
- The check ring is essentially a built-in gap gauge, which separates when a fitting is tightened to the point of perfect compression
- Solves over- and under-tightening problems
- Increases installer safety in high pressure and dangerous chemical environments
- Improves productivity and reduces costs
- Industry changing, patented design by BMT



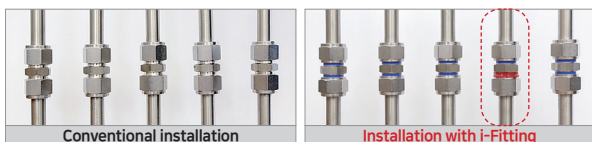
Why i-Fitting is the Right Choice?

PERFECT CONNECTION can be **SEEN, HEARD, FELT** with the **SAFEST** fitting in the market!!

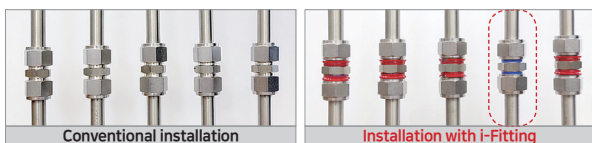
Most tube fitting leaks are caused by improper installation. i-Fittings, developed by BMT, ensures a safe, quick, and precise connection every time.

i-Fittings eliminate errors during installation by incorporating a patented check ring on every fitting. The check rings, which function as a built-in gap gauge, separate as a fitting is tightened to the exact point of perfect compression. This quality control and safety feature indicates that a fitting has been tightened properly and is not easily confused with other fittings on a job that have not been tightened.

Q1 Which one requires more tightening?



Q2 Which one is completely installed from pre-assembly?



SUPERLOK TUBE FITTINGS

SINGLE/DOUBLE FERRULE COMPRESSION TYPE



APPLICATIONS

Research, Analytical and process instrumentation, Oil and gas, Power, Petrochemical, Semiconductor

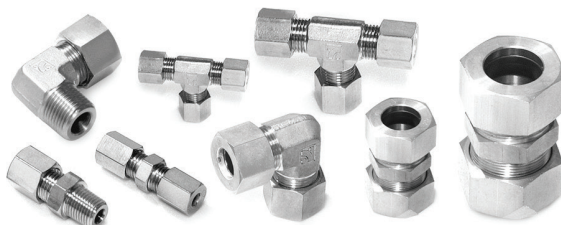
SPECIFICATIONS

Size : 1/16 to 2 in., 2 to 38 mm

Working Pressure : governed by the pressure rating of tubing

Temperature : -320 to 1200°F (-196 to 649°C)

DIN TUBE FITTINGS (DIN2353 BITE-TYPE)



APPLICATIONS

Hydraulic, Compressed air, Fuel heating, Automotive

SPECIFICATIONS

Size : 4 to 42 mm

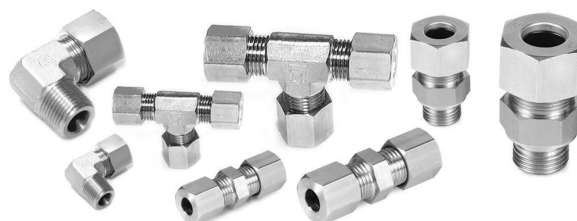
Working Pressure : PN 100 bar for LL (Very Light)

PN 315 bar for L (Light)

PN 630 bar for S (Heavy)

Temperature : -76 ~ 752°F (-60 ~ 400°C)

JIS TUBE FITTINGS (JIS B2351 BITE-TYPE)



APPLICATIONS

Hydraulic, Compressed air, Fuel heating, Automotive

SPECIFICATIONS

Size : 1/8 to 1-1/2 in., 4 to 50 mm

Working Pressure : up to 7250 psi (500 bar)

Temperature : -76 ~ 752°F (-60 ~ 400°C)

INDUSTRIAL FITTINGS

37° FLARED TUBE FITTINGS TO SAE J514



APPLICATIONS

Hydraulic system

SPECIFICATIONS

Size : 1/8 to 2 in., 2 to 50 mm

Working Pressure : 8700 psi (600 bar)@100°F (38°C) with O-Ring
5000 psi (345 bar)@100°F (38°C) without O-Ring

Temperature : up to 800°F (427°C)

HIGH PRESSURE FITTINGS



APPLICATIONS

High pressure equipment, Pumping system, Hydraulic intensifier, Water blasting, Test stands

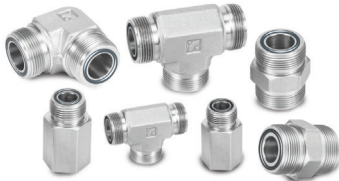
SPECIFICATIONS

Size : 1/4 to 1 in.

Working Pressure : up to 60000 psi (4137 bar)

Temperature : -423 to 1200°F (-252 to 649°C)

O-RING FACE SEAL FITTINGS



APPLICATIONS

High pressure equipment, Pumping system, Hydraulic intensifier, Water blasting, Test stands

SPECIFICATIONS

Size : 1/8 to 1 in.

Working Pressure : up to 13000 psi (910 bar) @ 100°F (38°C)

Temperature : up to 550°F (287°C)

INSTRUMENTATION THREAD FITTINGS



APPLICATIONS

Process, power, instrumentation and general plumbing

SPECIFICATIONS

Size : 1/8 to 1 in.

Working Pressure : 10000 psi (689 bar)@100°F (38°C)

Temperature : -320 to 1000°F (-196 to 537°C)

FORGED FITTINGS



APPLICATIONS

Hydraulic, Compressed air, Fuel heating, Automotive applications

SPECIFICATIONS

Size : up to 4 in.

Working Pressure : 2000, 3000, 6000, 9000 lbs

Temperature : up to 1000°F (538°C)

DIELECTRIC FITTINGS



APPLICATIONS

Isolation of monitoring instruments from the effects of electric current

SPECIFICATIONS

Size : 6 to 12 mm

Working Pressure : up to 5000 psi (206 bar)

Temperature : -40 to 200°F (-40 to 93°C)

Electrical Resistance of Insulators: 10 × 106 Ω at 10 V (dc) at 70°F (20°C)

PUSH-ON HOSE FITTINGS



APPLICATIONS

Air break system, Air conditioning system, Automotive applications

SPECIFICATIONS

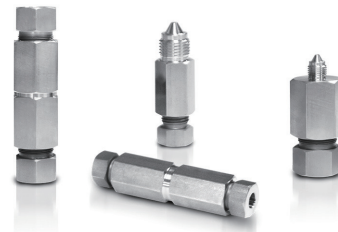
Size : 6 to 25 mm

Working Pressure : up to 350 psi (24 bar)@100°F (38°C)

Temperature : -40 to 212°F (-40 to 100°C)

PRE-FORMING FITTINGS

BMT developed & patented medium-pressure tube fittings



APPLICATIONS

Suitable for applications requiring: higher pressure, excellent corrosion-resistance, special metals and alloys, and/or heavy-wall tubing

SPECIFICATIONS

Size : 1/4 to 1 in., 6 to 25 mm

Working Pressure : up to 20000 psi (1380 bar)

Temperature : -423 to 1200°F (-252 to 649°C)

Material : Titanium, Super Duplex, Alloy C-276/400/20, 316 Stainless Steel

OTHER INDUSTRIAL PRODUCTS

BREAK AWAY COUPLINGS



■ APPLICATIONS

Emergency disconnect, safe transfer of media (including liquefied gases)

■ SPECIFICATIONS

Working Pressure: up to 362.5 psi (25 bar)

Temperature: Down to -321°F (-196°C)

Breaking Force: 13 KN

MICRON FILTERS (SIF, STF)



■ APPLICATIONS

Protection of instrument system

■ SPECIFICATIONS

Working Pressure : up to 3000 psi (207 bar)@70°F (21°C) for SIF (In-line)

up to 6000 psi (414 bar)@70°F (21°C) for STF (Tee)

Temperature : -20 to 900°F (-29 to 482°C) for SIF (In-line)

-40 to 250°F (-40 to 121°C) for STF (Tee)

Filtering Range : 0.5 to 90 Micron

HYDRAULIC FLANGES



■ APPLICATIONS

High pressure hydraulic system

■ SPECIFICATIONS

Working Pressure : up to 6000 psi (413 bar)

Temperature : -20 to 1000°F (-29 to 538°C)

VACUUM CLAMPS & ISO-KF COMPONENTS



■ APPLICATIONS

Vacuum system

■ SPECIFICATIONS

Vacuum rated to 1×10^{-9} Torr

Leak rating : 1×10^{-9} std cc/s

INSTRUMENTATION QUICK CONNECTORS



■ APPLICATIONS

All types of instruments, Control panels, Hydraulic and Pneumatic system, Test stands, Gas supply system

■ SPECIFICATIONS

Working Pressure : 3000 psi (207 bar)@100°F (38°C)

Temperature : 400°F (204°C) with VITON

HYDRAULIC QUICK COUPLINGS



■ APPLICATIONS

Easy connection/disconnection in hydraulic systems, general industrial applications

■ SPECIFICATIONS

Working Pressure : 5000 psi (345 bar)@100°F (38°C)

Temperature : -15 to 400°F (-26 to 204°C)

Maximum Working Temperature : 400°F (204°C) with VITON

TUBING



■ APPLICATIONS

A variety of analytical and process instrumentation applications

■ SPECIFICATIONS

Type : Seamless Coiled/Straight Tubing, Pre-insulated Tubing

Size : 1/8 to 2 in., 3 to 25 mm

FLEXIBLE METAL HOSES



■ APPLICATIONS

High vibration, Misalignment, Piping works for expansion, Movable equipment

■ SPECIFICATIONS

Pressure Rating : up to 1600 psi (110 bar)@100°F (38°C)

Temperature : up to 1000°F (538°C)

SWAGING UNITS



■ APPLICATIONS

Flaring, Cutting ring assembly & Ferrule swaging

■ SPECIFICATIONS

Tube Diameter Range (OD) : Maximum 42mm for Metric Tube

Maximum 2" for Fractional Tube

TUBE BENDERS



■ APPLICATIONS

Tube bending

■ SPECIFICATIONS

Tube Diameter Range (OD) : 1/4 to 1/2 in.

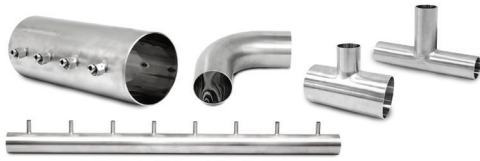
UHP PRODUCTS

WELD & METAL SEAL FITTINGS



Size : 1/8 to 1 in.
Working Pressure : governed by the pressure rating of tubing
Temperature : up to 1000°F (537°C)
Grades : BA, EP

BEND FITTINGS



Size : Pipe 8 to 550A, Tube 1/4 to 6 in.
Working Pressure : governed by the pressure rating of tubing
Temperature : up to 1000°F (537°C)
Grades : AP, MP, BA, EP

DIAPHRAGM VALVES (DV1)

LOW PRESSURE · MANUAL · STANDARD



Size (Cv) : 1/4 to 3/4 in. (0.3 to 0.7)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

DIAPHRAGM VALVES (DV2)

LOW PRESSURE · MANUAL · FORGED



Size (Cv) : 1/4 to 3/4 in. (0.3 to 0.7)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

DIAPHRAGM VALVES (PDV1)

LOW PRESSURE · PNEUMATIC · STANDARD



Size (Cv) : 1/4 to 3/4 in. (0.3 to 0.7)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

DIAPHRAGM VALVES (SODV1)

LOW PRESSURE · MANUAL · SHUT-OFF



Size (Cv) : 1/4" to 3/4" (0.3 to 0.7)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

DIAPHRAGM VALVES (BDV1)

LOW PRESSURE · MANUAL · BLOCK



Size (Cv) : 1/4 in. (0.3), 1/2 in. (0.7)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

DIAPHRAGM VALVES (PBDV1)

LOW PRESSURE · PNEUMATIC · BLOCK



Size (Cv) : 1/4 in. (0.3), 1/2 in. (0.7)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

DIAPHRAGM VALVES (HFDV1)

LOW PRESSURE · MANUAL · HIGH FLOW



Size (Cv) : 1 in. (3.5)
Working Pressure : up to 270 psi (18.6 bar)
Temperature : 14 to 176°F (-10 to 80°C)
Grades : AP, MP, BA, EP

DIAPHRAGM VALVES (HDV1)

HIGH PRESSURE · MANUAL · STANDARD



Size (Cv) : 1/4 in. (0.1), 1/2 in. (0.27)
Working Pressure : up to 3045 psi (210 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

DIAPHRAGM VALVES (HPDV1)

HIGH PRESSURE · PNEUMATIC · STANDARD



Size (Cv) : 1/4 in. (0.1), 1/2 in. (0.27)
Working Pressure : up to 3045 psi (210 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

BELLOWS VALVES (BV1)

LOW PRESSURE · MANUAL · STANDARD



Size (Cv) : 1/4 to 3/4 in. (0.36 to 2.6)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

BELLOWS VALVES (PBV1)

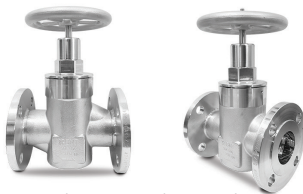
LOW PRESSURE · PNEUMATIC · STANDARD



Size (Cv) : 1/4 to 1/2 in. (0.36 to 1.1)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 302°F (-10 to 150°C)
Grades : AP, MP, BA, EP

BELLOWS VALVES (BV2)

LOW PRESSURE · MANUAL · FORGED



Size (Cv) : 1 to 2 in. (4.1 to 16), 15 to 50A (2.9 to 21)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 176°F (-10 to 80°C)
Grades : AP, MP, BA, EP

BELLOWS VALVES (PBV2)

LOW PRESSURE · PNEUMATIC · FORGED



Size (Cv) : 3/4 to 2 in. (2.9 to 16), 15 to 50A (2.9 to 21)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 176°F (-10 to 80°C)
Grades : AP, MP, BA, EP

BELLOWS VALVES (BV3)

LOW PRESSURE · MANUAL · CASTING



Size (Cv) : 65 to 550A (81 to 3400)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 176°F (-10 to 80°C)
Grades : AP, MP, BA, EP

CHECK VALVES (CV1)

LOW PRESSURE · MANUAL · STANDARD



Size (Cv) : 1/4 to 1/2 in. (0.55 to 0.7)
Working Pressure : up to 3000 psi (206 bar)
Nominal Reseal Pressure : 4 psi (0.276 bar)
Nominal Cracking Pressure : 2 psi (0.138 bar)
Temperature : 14 to 176°F (-10 to 80°C)
Grades : AP, MP, BA, EP

CLEAN BALL VALVES (SBV210)

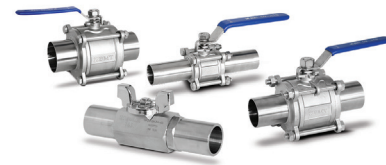
HEX TWO-PIECE



Size (Cv) : 1/4 to 1 in. (1.25 to 16)
Working Pressure : up to 1000 psi (69 bar)
Temperature : 14 to 176°F (-10 to 80°C)
Grades : AP, MP, BA, EP

CLEAN BALL VALVES (BLV1)

THREE-PIECE



Size (Cv) : 15A to 100A (41 to 2317)
Working Pressure : up to 145 psi (10 bar)
Temperature : 14 to 176°F (-10 to 80°C)
Grades : AP, MP, BA, EP

REGULATORS (PR1, PR2)



Size (Cv) : 1/4 in. (0.06 or 0.2), 1/2 in. (0.5)
Max. Rated Inlet Pressure : 600, 1000, 3500 psi (41.4, 69, 241 bar)
Outlet Pressure Range : 30, 60, 100, 150, 250 psi (2.1, 4.1, 6.9, 10.3, 17.3 bar)
Temperature : -15 to 302°F (-26 to 150°C)
Grades : BA, EP

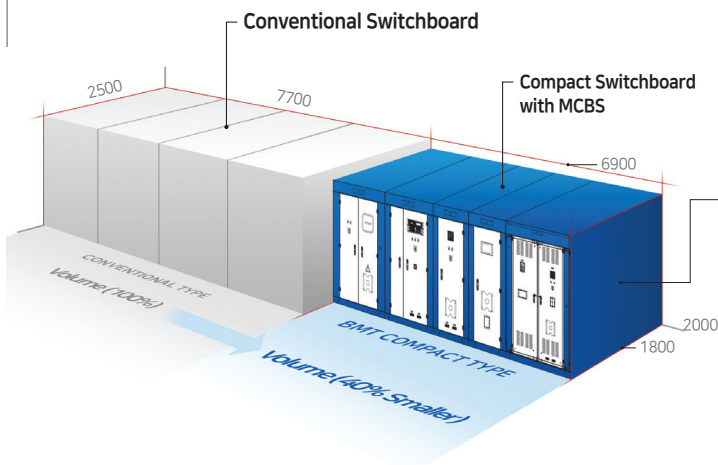
COMPACT SWITCHBOARDS

Volume Reduced by 40% & Busbar Saved by 10%

BMT Compact Switchboard dramatically reduces spatial constraints of power receiving facilities and electrical rooms in factories, buildings, etc.

BMT compact switchboards are designed and manufactured safer and more compact with MCBS, BMT's own patented technology. With a seismic design and type certified quality, BMT compact switchboards are suitable for the requirements of various industrial fields including power generation facilities, plants, and construction.

- ✓ Outstanding safety/convenience
- ✓ Compact Structure
- ✓ Convenient Operability and Expandability
- ✓ Certified Product with Patented Technologies



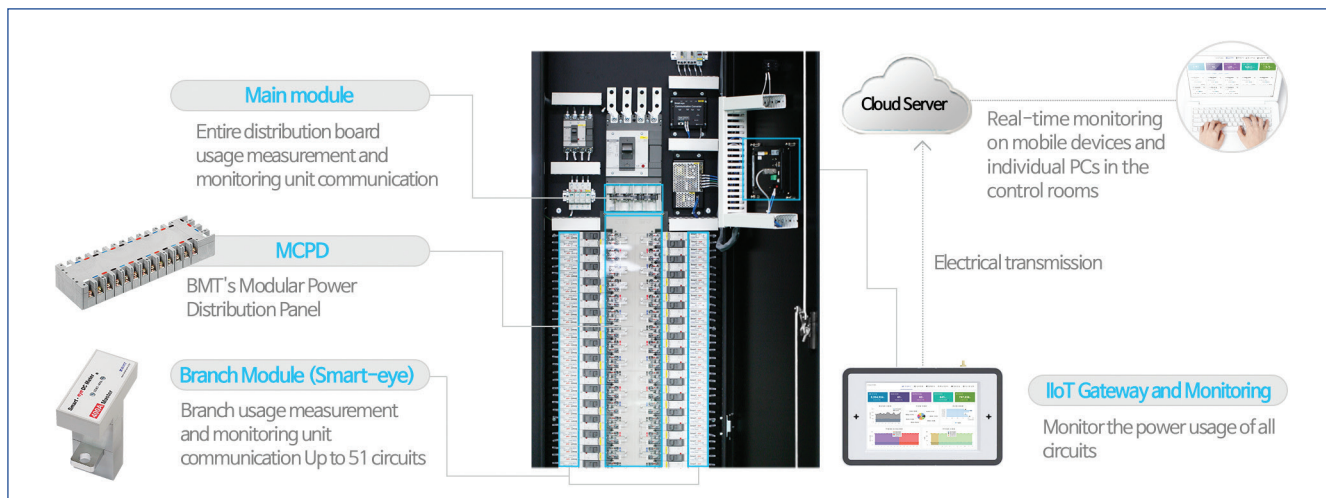
Interior of Compact Switchboard (MCBS applied)

SMART DISTRIBUTION BOARDS

BMT Smart Distribution Board is an optimum system to increase power energy efficiency

BMT Smart Distribution Boards use MCPD and Smart-eye technologies – BMT's own patented technologies – to offer values differentiated from conventional distribution boards. Smart-eye provides solutions for energy monitoring and control; and MCPD simplifies the existing complex and costly busbar assembly process and enhances the safety.

- ✓ Easy and Simple Installation and Maintenance
- ✓ Safety Accident Prevention
- ✓ Smart Electric Power Management: Power Quality Control and Energy Savings (up to 30%)
- ✓ Interfaces between Various Systems such as EMS, BAS, and Enterprise Management System



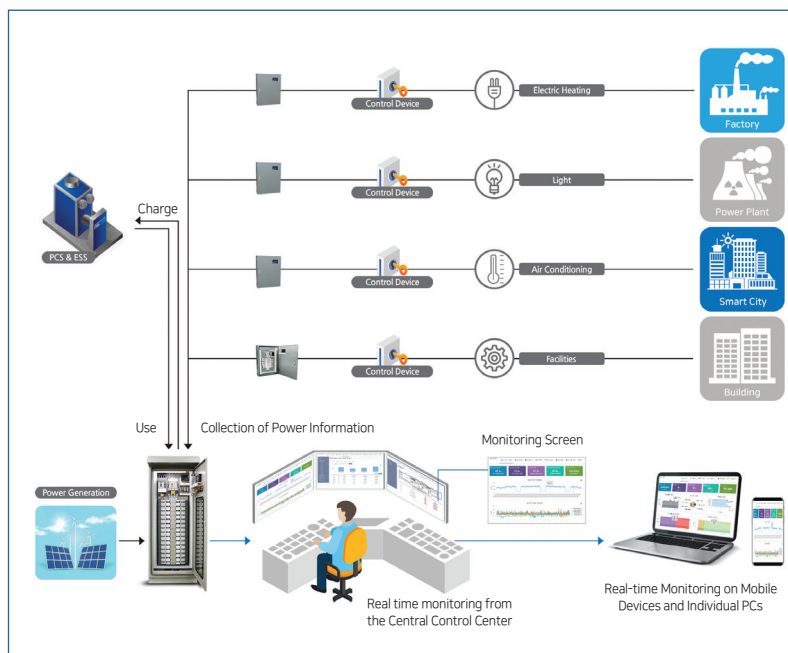
Conceptual Diagram of Smart Distribution Boards

ENERGY MANAGEMENT SYSTEM (EMS)

Energy Cost Reduction by 15% with BMT IIoT Total EMS Solution!



- ☑ Real-time Cost Management
- ☑ Real-time Energy Monitoring at a Glance
- ☑ Analysis and Reporting of Energy Use
- ☑ Facility Efficiency Analysis
- ☑ Integrated Control Management
- ☑ Strategic and Efficient Energy Management
- ☑ Preemptive Response to Environmental Regulations



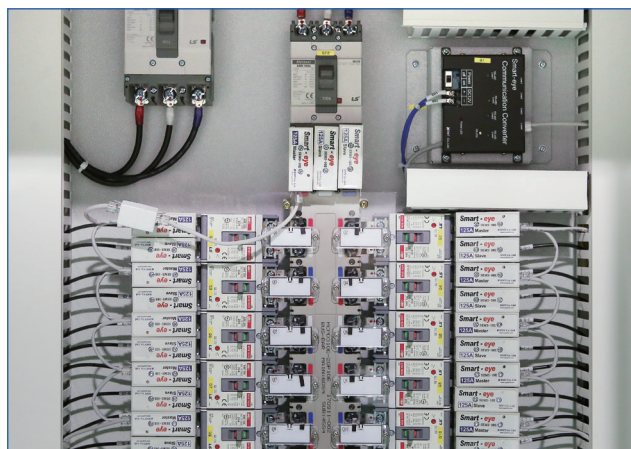
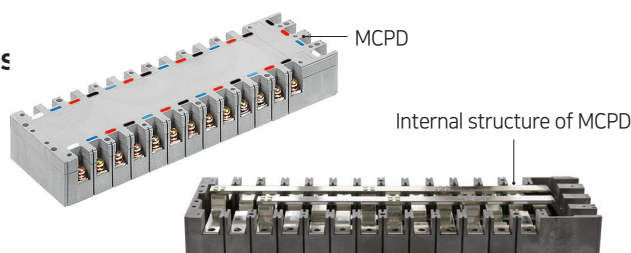
Conceptual Diagram of EMS

MCPD (MOLDED CASE POWER DISTRIBUTOR)

Essential for more convenient, safe easy-to-use, and economical distribution boards and switchboards

MCPD is a new-concept power distribution unit that replaces the traditional complex busbars (arranged vertically and horizontally) by one integrated configuration where busbars are pre-configured inside one Molded Case, an insulation case uniformized, modularized, and standardized. This feature enables simple and excellent production of distribution boards and switchboards without complex and expensive busbar assembly processes, and allows easy repair and maintenance.

- ☑ Excellent Usability
- ☑ Uniformization and Standardization
- ☑ Economical
- ☑ High Electrical Safety
- ☑ Compact and Perfect
- ☑ Compatibility and Applicability
- ☑ Suitable for Emergency Construction Patented Product



Interior of MCPD installed distribution board

BMT Co., Ltd.

| Head Quarter & 1st Factory

(50568) 경상남도 양산시 산막공단남11길 35 (북정동)

35, Sanmakgongdannam 11-gil, Yangsan-si, Gyeongsangnam-do, 50568, South Korea

TEL: +82 55 783 1000 FAX: +82 55 783 1111

E-mail: superlok@superlok.com

| 2nd Factory

(50568) 경상남도 양산시 산막공단남8길 29 (호계동)

29, Sanmakgongdannam 8-gil, Yangsan-si, Gyeongsangnam-do, 50568, South Korea

Fittings & Valves

INSTRUMENTATION SERIES

Tube Fittings (inclu. i-Fitting)
Ball/Needle/Check/Relief Valves
High Pressure Valves
Manifold Valves

PIPELINE SERIES

Ball/Globe Valves
DBB Valves
Cryogenic Valves

UHP SERIES

Weld & Metal Seal Fittings
Bend Fittings
Diaphragm/Bellows/Check Valves
Regulators

Electric & Energy

PRODUCT & SOLUTION

Compact Switchboard
Motor Control Center (MCC)
Smart Distribution Board
Energy Monitoring System (EMS)

COMPONENTS & DEVICES

MCBS (Molded Case Busbar System)
MCPD (Molded Case Power Distributor)
Smart-eye

www.superlok.com

SUPERLOK®

An Installer's Pocket Guide

Tube Fittings (SUPERLOK® & i-fitting®)
Hose & Thread Fittings



BMT Co., Ltd.

www.superlok.com

Contents - Tube Fitting (SUPERLOK® / i-Fitting®)

Union

SU / SUI

Union

17 page



SRU / SRUI

Reducing Union

18~20 page



SBHRU / SBHRUI

Bulkhead Reducing Union

20 page



SBHU / SBHUI

Bulkhead Union

21 page



Connector

SMC / SMCI

Male Connector

22~26 page



SMC-GM / SMCI-GM

Male Connector For Metal Gasket Seal

28 page



SGMC / SGMCI

Male Connector For Bonded Washer Seal

28 page



SFC / SFCI

Female Connector

29~30 page



SGC / SGCI

Gauge Connector

31 page



SMCB / SMCBI

Bulkhead Male Connector

32 page



SFCB / SFCBI

Bulkhead Female Connector

33 page



Elbows

SUE / SUEI

Union Elbow

34 page



SME / SMEI

Male Elbow

35~38 page



SHUE / SHUEI

45° Union Elbow

38 page



SHME / SHMEI

45° Male Elbow

39 page



SPHME / SPHMEI

45° Positionable Male Elbow

39 page



SPME / SPMEI

Positionable Male Elbow

40~41 page



SFE / SFEI

Female Elbow

42~43 page



Tee

SUT / SUTI

Union Tee

44 page



SRUT / SRUTI

Reducing Union Tee

45 page



For **i-Fitting** "I" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

*The type designators of **i-fittings** are in **Red Text**.

*The type designators of **SUPERLOK Tube Fittings** are in **Black Text**.

Contents - Tube Fitting (SUPERLOK® / i-Fitting®)

SMBT / SMBTI

Male Branch Tee

45~46 page



SFA

Female Adapter

61~62 page



SPMBT / SPMBTI

Positionable

Male Branch Tee

47~48 page



SPC

Port Connector

62~63 page



SMRT / SMRTI

Male Run Tee

49 page



SRPC

Reducing Port Connector

63 page



SPMRT / SPMRTI

Positionable

Male Run Tee

50~51 page



SFTC / SFTCI

Flange Lapped Tubes Connector

64 page



An Tube

SFBT / SFBTI

Female Branch Tee

52 page



SAF

An Flare

64 page



SFRT / SFRTI

Female Run Tee

53 page



SAU / SAUI

An Union

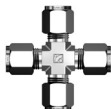
65 page



SUC / SUCI

Union Cross

54 page



SAA

An Adapter

65 page



Stub Tube Connector

SR / SRI

Reducer

55~57 page



SOSC / SOSCI

O-Seal Straight Thread Connector

66 page



SRB / SRBI

Bulkhead Reducer

58 page



SOPC / SOPCI

O-Seal Pipe Thread Connector

66 page



SMA

Male Adapter

59~60 page



SSMC / SSMCI

SAE/MS

Male Connector

67 page



For **i-Fitting** "I" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

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Contents - Tube Fitting (SUPERLOK® / i-Fitting®)

Weld End		Spare Part	
SPWC / SPWCI Male Pipe Weld Connector 68~69 page		SN Nut 75 page	
SMPWE / SMPWEI Male Pipe Weld Elbow 70 page		SFF Front Ferrule 76 page	
SSWC / SSWCI Socket Weld Connector 70 page		SBF Back Ferrule 77 page	
SSWE / SSWEI Socket Weld Elbow 71 page		SFS Ferrule Set 78 page	
Plug & Cap		SI Insert 79 page	
SP Plug 71~72 page		SBHR Bulkhead Retainer 80 page	
SC / SCI Cap 73 page		SVP Vent Protector 80 page	
Sanitary Flange Fitting			
SSFA Sanitary Flange Fitting 74 page			

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

*The type designators of **i-fittings** are in **Red Text**.

*The type designators of **SUPERLOK** Tube Fittings are in **Black Text**.

Contents - Hose Fitting

Push on Hose Fitting		Hose Fitting	
SPH Push on Hose Fitting 81 page		SHF Hose Fitting 82 page	

Contents - Thread Fitting

Thread Fitting			
ICN Close Nipple 83 page		IPC Pipe Cap 89 page	
IHN Hex Nipple Male NPT Threads 83 page		IFE Female Elbow 90 page	
IHN Hex Nipple Male NPT to Male ISO Parallel Pipe Threads 84 page		ISE Street Elbow 90 page	
IHLN Hex Long Nipple 84 page		IRSE Reducing Street Elbow 91 page	
IHRN Hex Reducing Nipple 85 page		IME Male Elbow 91 page	
IA Adapter Female to Male NPT Threads 85 page		IFT Female Tee 92 page	
IA Adapter Female NPT to Male ISO Parallel Pipe Threads 86 page		IBT Branch Tee 92 page	
IRA Reducing Adapter 86 page		IRT Run Tee 93 page	
IRHB Reducing Hex Bushing 87 page		IMT Male Tee 93 page	
IHC Hex Coupling 87 page		IFC Female Cross 94 page	
IHRC Hex Reducing Coupling 88 page			
IPG ISO Parallel Gasket 88 page			
IPP Pipe Plug 89 page			



**The Most-Advanced
Chevron-Approved**

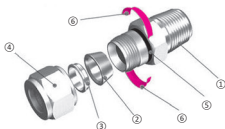
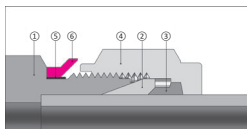
**Industry-Changing
BMT-Patented**

Features

- i-Fitting components include: body, front & back ferrule, nut, identification band, and check ring
- The check ring is essentially a built-in gap gauge, which separates when a fitting is tightened to the point of perfect compression
- Solves over- and under-tightening problems
- Increases installer safety in high pressure and dangerous chemical environments
- Improves productivity and reduces costs
- Industry changing, patented design by BMT
- Applicable to valve connections
- Sizes (Standard): 1/4 to 1 inches and 6mm to 25mm



Structure



① Body

② Front Ferrule

③ Back Ferrule

④ Nut

⑤ Identification Band*

⑥ Check Ring**

* Identification band: Blue for fractional (inch), Green for metric (mm)

** Check Ring: Red for fractional (inch), Yellow for metric (mm)

PERFECT CONNECTION can be **SEEN, HEARD, FELT**
with this **SAFEST** fitting in the market!

Consistent and perfect installation can be made by anyone

Most tube fitting leaks are caused by improper installation. i-Fitting ensure a safe, quick, and precision connection every time. The “Check Ring”, which function as a built-in gap gauge, separates as a fitting is tightened to the exact point of perfect compression. This quality control and safety features reduce installer error attributed to unskilled work and assure consistent leak free connections.

Improvement of productivity and cost saving

i-Fitting enables efficient and safe installation by helping installers identify the status of installation simply by ‘seeing, hearing, and touching’.

Upon completion of installation, additional inspection with separate tools such as gap-inspection gauge (which normally required for conventional tube fitting) is not required. i-Fitting, therefore, not only saves installation time but also minimizes overall quality costs by reducing errors.

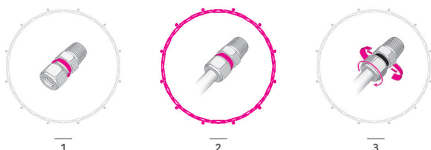


**The Most-Advanced
Chevron-Approved**

**Industry-Changing
BMT-Patented**

Installation Instructions

- (1) Prepare for i-Fitting® consisting of body, nut, front/back ferrule, and check ring.
- (2) Fully insert the tube into i-Fitting® and against the shoulder; rotate the nut finger-tight until the tube will not turn by hand.
- (3) While holding the fitting body steady, tighten the nut until the check ring separates from the body. This separation of the check ring indicates the completion of installation.



Ordering information

Example : $\frac{\text{SMCI}}{1} - \frac{8}{2} - \frac{8N}{2} - \frac{B}{3}$

1. Type of fitting

For i-Fitting "I" is used as a suffix to the type designator of SUPERLOK Tube Fitting.

(Example: SMC for SUPERLOK Male Connector

→ SMCI for i-Fitting Male Connector)

Please refer to table of contents on page 2-4

Examples :

- **SUI** = i-fitting union
- **SMCI** = i-fitting male connector

2. Size of Fitting

Tube O.D (inch)	1/4	3/8	1/2	3/4	1
Designator	4	6	8	12	16
Tube O.D (mm)	6	10	12	20	25
Designator	6M	10M	12M	20M	25M

3. Material

- **SS(Blank)** = Stainless Steel
- **B** = Brass
- **AL** = Aluminum
- **15** = Carbon Steel
- **M40** = Monel Alloy 400
- **825** = Alloy 825
- **625** = Alloy 625
- **276** = Alloy C-276

SUPERLOK Tube Fitting Instructions for 1 in./25mm and under Fittings

Installation Instructions

1. Insert tubing into the **SUPERLOK** tube fitting (fig. 1).
2. Make sure that the tubing rests firmly on the shoulder of the tube fittings body and that the nut is finger-tight.
3. Mark the nut at the 6 o'clock position (fig. 2).
4. While holding fitting body steady, tighten the nut 1 1/4 turns (see note) to the 9 o'clock position (fig. 3).

Fig. 1

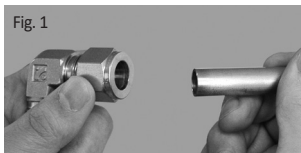


Fig. 2

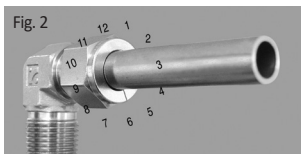
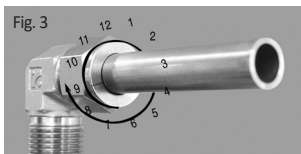


Fig. 3



Note

For 1/16, 1/8, and 3/16 in.; and 2, 3, and 4mm tube fittings, tighten the nut 3/4 turn to the 3 o'clock position.

Installation in High-Pressure Applications and High Safety-Factor Systems

1. Insert tubing into the **SUPERLOK** tube fittings (fig. 1).
2. Make sure that the tubing rests firmly on the shoulder of the tube fitting body.
3. Due to the variations of tubing diameters, a common starting point is desirable. Therefore, tighten the nut until the tubing will not turn by hand or move axially in the fitting.
4. Mark the nut at the 6 o'clock position (fig. 2).
5. While holding fitting body steady, tighten the nut 1 1/4 turns (see note) to the 9 o'clock position (fig. 3).

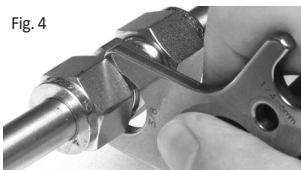
Note

For 1/16, 1/8, and 3/16 in.; and 2, 3, and 4mm tube fittings, tighten the nut 3/4 turn to the 3 o'clock position.

Gaugeability

On initial installation, the **SUPERLOK** gap inspection gauge assures the installer or inspector that a **SUPERLOK** fitting has been sufficiently tightened.

Fig. 4



Position the **SUPERLOK** gap inspection gauge next to the gap between the nut and body.

Fig. 5



- If the gauge will not enter the gap, the fitting is sufficiently tightened (fig. 4).
- If the gauge will enter the gap, additional tightening is required (fig. 5).

Note

SUPERLOK gap inspection gauges, except for SIG-468 and SIG-612M, can be used with high-pressure and high safety factor installations to assure the installer or inspector that a fitting has been sufficiently tightened.

Reassembly Instructions

You may disassemble and reassemble a **SUPERLOK** tube fitting, port connector, cap, and plug many times.

1. Insert tubing with preswaged ferrules into the fitting body until the front ferrule seats (fig. 6).
2. Rotate the nut with a wrench to the previously pulled-up position; at this point a significant increase in resistance will be encountered.
3. Tighten slightly with a wrench (fig. 7).

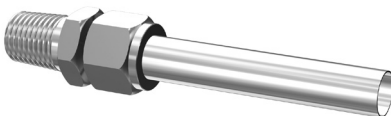
Note

Do not use the gap inspection gauge with reassembled fittings.

Fig. 6



Fig. 7

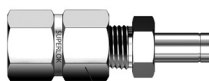


Tube Adapters

Installation Instructions

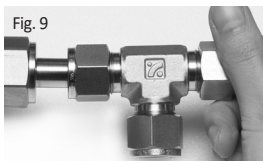
1. Install the end opposite the tube adapter end (fig. 8).
2. Insert the tube adapter into the **SUPERLOK** tube fitting. Make sure that the tube adapter rests firmly on the shoulder of the tube fitting body and that the nut is finger-tight (fig. 9).
3. Mark the nut at the 6 o'clock position.
4. While holding fitting body steady, tighten the nut 1 1/4 turns (see note) to the 9 o'clock position.

Fig. 8



Female pipe port on existing equipment

Fig. 9



Note

For 1/16, 1/8, and 3/16 in.; and 2, 3, and 4mm tube fittings, tighten the nut 3/4 turn to the 3 o'clock position.

SUPERLOK Tube Fitting to AN Adapter

1. Tighten the AN nut by hand.
2. Rotate the AN nut with a wrench until a significant increase in resistance is encountered.
3. Tighten slightly with a wrench.

Port Connectors

Installation Instructions

- Machined Ferrule End

1. Remove the nut and ferrules from one **SUPERLOK** tube fitting end.
2. Place the nut over the machined ferrule end of the port connector (fig. 10).
3. Turn the nut onto the fitting so that it is finger-tight (fig. 11).
4. Mark the nut at the 6 o'clock position.
5. While holding fitting body steady, tighten the nut 1/4 turn (see note) to the 9 o'clock position.

Fig. 10

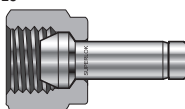
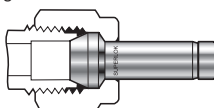


Fig. 11



Note

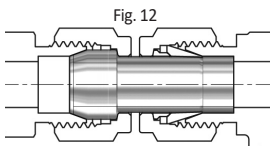
For 1/16, 1/8, and 3/16 in.; and 2, 3, and 4mm tube fittings, tighten the nut 1/8 turn.

Port Connectors (continued)

Installation Instructions

- Tube Adapter End

1. Insert the tube adapter into the **SUPERLOK** tube fitting. Make sure that the tube adapter rests firmly on the shoulder of the tube fitting body and that the nut is finger-tight (fig. 12).
2. Mark the nut at the 6 o'clock position.
3. While holding fitting body steady, tighten the nut 1 1/4 turns (see note) to the 9 o'clock position.



Note

For 1/16, 1/8, and 3/16 in. : 2, 3, and 4mm tube fittings, tighten the nut 3/4 turn to the 3 o'clock position.

Plugs

Installation Instructions

While holding fitting body steady, tighten the plug 1/4 turns (see note) from the finger-tight position.



Note

For 1/16, 1/8, and 3/16 in. : 2, 3, and 4mm tube fittings, tighten the plug 1/8 turn.

Caps

Installation Instructions

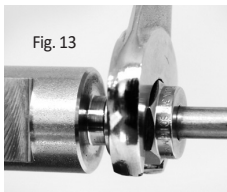
See tube fitting installation instructions.



Preswaging Tool

Installation Instructions

1. Install the **SUPERLOK** nut and ferrules onto the preswaging tool.
2. Insert tubing into the preswaging tool.
3. Make sure that tubing rests firmly on the shoulder of the preswaging tool body and that the nut is finger-tight.
4. Mark the nut at the 6 o'clock position.
5. While holding the preswaging tool steady, tighten the nut 1 1/4 turns (see note) to the 9 o'clock position (fig. 13).



Note

For 1/16, 1/8, and 3/16 in. :

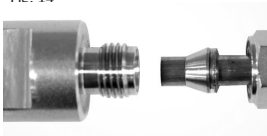
2, 3, and 4mm tube fittings, tighten the nut 3/4 turn to the 3 o'clock position.

6. Loosen the nut.
7. Remove the tubing with preswaged ferrules from the preswaged tool.

Note

If the tubing sticks in the preswaging tool, remove the tubing by gently rocking it back and forth. Do not turn the tubing (fig. 14).

Fig. 14



8. Insert tubing with reswaged ferrules into the fitting body until the front ferrule seats.
9. Rotate the nut with a wrench until a significant increase in resistance is encountered.
10. Tighten slightly with a wrench (fig. 15).

Fig. 15



Note

Do not use the gap inspection gauge with fittings that were assembled using the preswaging tool.

Weld Fittings

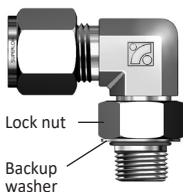
Welding Precautions

1. Remove the nut and ferrules.
2. Turn another **SUPERLOK** nut or tube fittings plug onto the fittings so that it is finger-tight.
3. Provide a suitable heat sink to dissipate the heat.
4. Tack weld at four positions 90 apart to hold the fitting in place.
5. Complete the weld.
6. Remove the plug or nut and replace the nut and ferrules.

Positionable Elbows and Tees

Installation Instructions

1. Turn the positionable end into the female fitting until the metal backup washer contacts the face of the fitting.
2. Turn the positionable end out of the female fitting (not more than one turn) until the **SUPERLOK** tube fitting end is positioned properly.
3. While holding fitting body steady, tighten the lock nut until the metal backup washer contacts the face of the fitting.
4. For SAE/MS straight threads, tighten to the appropriate torque as listed in SAE J1926. For ISO parallel threads, tighten slightly with a wrench.



O-Seal Male Connectors

Installation Instructions

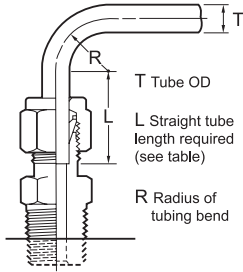
1. Turn the O-seal connector into the female end until it is finger-tight.
2. Tighten the O-seal connector until it makes metal-to-metal contact with the face of the female end.
3. Tighten slightly with a wrench.

Tubing Installation

Properly selected and handled tubing, when combined with the quality of **SUPERLOK** fittings, will give you leak-tight system.

Properly installed on such tubing, **SUPERLOK** fittings provide reliable service under a wide variety of fluid applications.

When installing fittings near tube bends, there must be a sufficient straight length of tubing to allow the tube to be bottomed in the **SUPERLOK** fitting (see tables below).



Fractional, in.	
T Tube OD	L
1/16	1/2
1/8	23/32
3/16	3/4
1/4	13/16
5/16	7/8
3/8	15/16
1/2	1 3/16
5/8	1 1/4
3/4	1 1/4
7/8	1 5/16
1	1 1/2
1 1/4	2
1 1/2	2 13/32
2	3 1/4

Metric, mm.	
T Tube OD	L
3	19
6	21
8	23
10	25
12	31
14	32
15	32
16	32
18	32
20	34
22	34
25	40
28	46
30	50
32	54
38	63
50	80

Suggested Allowable Working Pressure for Stainless Steel Tubing

Tubing Selection

Suggested to order stainless steel tubing that is high-quality, fully annealed such as Type 304, 316, 316L, seamless or welded, ASTM A269 and A213, or equivalent.

Fractional Stainless Steel Tubing (Working Pressure, psig)

Tube O.D. (in)	TUBE WALL THICKNESS (in)												
	0.010	0.012	0.014	0.016	0.020	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120
1/16	5600	6800	8100	9400	12000								
1/8						8500	10900						
3/16						5400	7000	10200					
1/4						4000	5100	7500	10200				
5/16							4000	5800	8000				
3/8							3300	4800	6500				
1/2							2600	3700	5100	6700			
5/8								2900	4000	5200	6000		
3/4								2400	3300	4200	4900	5800	
7/8								2000	2800	3600	4200	4800	
1									2400	3100	3600	4200	4700

For gas service, select a tube wall thickness inside the grey shaded area.

Metric Stainless Steel Tubing (Working Pressure, psig)

Tube O.D. (mm)	TUBE WALL THICKNESS (mm)												
	0.71	0.89	1.00	1.25	1.50	1.65	2.00	2.11	2.41	2.50	2.77	3.00	3.05
3	10800	13800	15300										
4	7900	10100	11500	14400									
6	5000	6500	7400	9400	11500	12700							
8		4700	5800	6800	8400	9300							
10		3700	4200	5300	6500	7300							
12		3000	3400	4400	5300	5900	6800	7200					
16			2500	3200	3900	4300	5300	5700	6600	6800			
18				2800	3400	3800	4700	5000	5800	6000	6700		
20				2500	3000	3400	4200	4400	5100	5300	6000		
22				2300	2800	3000	3800	4000	4600	4800	5400		
25				2000	2400	2700	3300	3500	4000	4200	4700	5100	5200

For gas service, select a tube wall thickness inside the grey shaded area.

Allowable stress value between -20°F and 100°F (-28.9°C ~ 37.8°C) is 19,500 psi Safety factor is 4 (Ultimate tensile strength is 75,000 psi)

- The above data are based on the minimum wall thickness and the maximum O. D. allowed by and under the standard of ASTM A269.
- The dimensions are not considered to erosion or corrosion.

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SU Union



Connects Fractional Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SU - 1	100-6	1SC1	1/16	1.58
SU - 2	200-6	2SC2	1/8	3.17
SU - 3	300-6	3SC3	3/16	4.76
SU <i>i</i> - 4	400-6	4SC4	1/4	6.35
SU <i>i</i> - 5	500-6	5SC5	5/16	7.93
SU <i>i</i> - 6	600-6	6SC6	3/8	9.52
SU <i>i</i> - 8	810-6	8SC8	1/2	12.70
SU <i>i</i> - 10	1010-6	10SC10	5/8	15.87
SU <i>i</i> - 12	1210-6	12SC12	3/4	19.05
SU <i>i</i> - 14	1410-6	14SC14	7/8	22.22
SU <i>i</i> - 16	1610-6	16SC16	1	25.40
SU - 20	2000-6	20SC20	1-1/4	31.75
SU - 24	2400-6	24SC24	1-1/2	38.10
SU - 32	3200-6	32SC32	2	50.80

Connects Metric Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.
			(mm)
SU - 2M	2M0-6	SCM2	2
SU - 3M	3M0-6	SCM3	3
SU - 4M	4M0-6	SCM4	4
SU <i>i</i> - 6M	6M0-6	SCM6	6
SU <i>i</i> - 8M	8M0-6	SCM8	8
SU <i>i</i> - 10M	10M0-6	SCM10	10
SU <i>i</i> - 12M	12M0-6	SCM12	12
SU <i>i</i> - 15M	15M0-6	SCM15	15
SU <i>i</i> - 16M	16M0-6	SCM16	16
SU <i>i</i> - 18M	18M0-6	SCM18	18
SU <i>i</i> - 20M	20M0-6	SCM20	20
SU <i>i</i> - 22M	22M0-6	SCM22	22
SU <i>i</i> - 25M	25M0-6	SCM25	25

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SRU

Reducing Union



Connects Fractional Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Reduced O.D	
			(in)	(mm)	(in)	(mm)
SRU - 2 - 1	200-6-1	2RU1	1/8	3.17	1/16	1.58
SRU - 3 - 2	300-6-2	3RU2	3/16	4.76	1/8	3.17
SRU <i>i</i> - 4 - 2	400-6-2	4RU2	1/4	6.35	1/8	3.17
SRU <i>i</i> - 4 - 3	400-6-3	4RU3	1/4	6.35	3/16	4.76
SRU <i>i</i> - 5 - 2	500-6-2	5RU2	5/16	7.93	1/8	3.17
SRU <i>i</i> - 5 - 4	500-6-4	5RU4	5/16	7.93	1/4	6.35
SRU <i>i</i> - 6 - 2	600-6-2	6RU2	3/8	9.52	1/8	3.17
SRU <i>i</i> - 6 - 4	600-6-4	6RU4	3/8	9.52	1/4	6.35
SRU <i>i</i> - 6 - 5	600-6-5	6RU5	3/8	9.52	5/16	7.93
SRU <i>i</i> - 8 - 2	810-6-2	8RU2	1/2	12.70	1/8	3.17
SRU <i>i</i> - 8 - 4	810-6-4	8RU4	1/2	12.70	1/4	6.35
SRU <i>i</i> - 8 - 6	810-6-6	8RU6	1/2	12.70	3/8	9.52
SRU <i>i</i> -10 - 6	1010-6-6	10RU6	5/8	15.87	3/8	9.52
SRU <i>i</i> -10 - 8	1010-6-8	10RU8	5/8	15.87	1/2	12.70
SRU <i>i</i> -12 - 4	1210-6-4	12RU4	3/4	19.05	1/4	6.35
SRU <i>i</i> -12 - 6	1210-6-6	12RU6	3/4	19.05	3/8	9.52
SRU <i>i</i> -12 - 8	1210-6-8	12RU8	3/4	19.05	1/2	12.70
SRU <i>i</i> -12 - 10	1210-6-10	12RU10	3/4	19.05	5/8	15.87
SRU <i>i</i> -16 - 8	1610-6-8	16RU8	1	25.40	1/2	12.70
SRU <i>i</i> -16 - 12	1610-6-12	16RU12	1	25.40	3/4	19.05

For **i-Fitting®** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SRU

Reducing Union



Connects Metric Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Reduced O.D. (mm)
SRU i - 6M - 3M	6M0-6-3M	M6RUM3	6	3
SRU i - 6M - 4M	6M0-6-4M	M6RUM4	6	4
SRU i - 8M - 6M	8M0-6-6M	M8RUM6	8	6
SRU i - 10M - 6M	10M0-6-6M	M10RUM6	10	6
SRU i - 10M - 8M	10M0-6-8M	M10RUM8	10	8
SRU i - 12M - 6M	12M0-6-6M	M12RUM6	12	6
SRU i - 12M - 8M	12M0-6-8M	M12RUM8	12	8
SRU i - 12M - 10M	12M0-6-10M	M12RUM10	12	10
SRU i - 16M - 12M	16M0-6-12M	M16RUM12	16	12
SRU i - 25M - 18M	25M0-6-18M	M25RUM18	25	18
SRU i - 25M - 20M	25M0-6-20M	M25RUM20	25	20

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SRU

Reducing Union



Connects Metric Tube To Fractional Tube

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Reduced O.D.	
				(in)	(mm)
SRU - 2 - 3M	3M0-6-2	M3CU2	3	1/8	3.17
SRU - 2 - 4M	4M0-6-2	M4CU2	4	1/8	3.17
SRU <i>i</i> - 4 - 4M	4M0-6-4	M4CU4	4	1/4	6.35
SRU <i>i</i> - 2 - 6M	6M0-6-2	M6CU2	6	1/8	3.17
SRU <i>i</i> - 4 - 6M	6M0-6-4	M6CU4	6	1/4	6.35
SRU <i>i</i> - 5 - 6M	6M0-6-5	M6CU5	6	5/16	7.93
SRU <i>i</i> - 4 - 8M	8M0-6-4	M8CU4	8	1/4	6.35
SRU <i>i</i> - 2 - 10M	10M0-6-2	M10CU2	10	1/8	3.17
SRU <i>i</i> - 4 - 10M	10M0-6-4	M10CU4	10	1/4	6.35
SRU <i>i</i> - 5 - 10M	10M0-6-5	M10CU5	10	5/16	7.93
SRU <i>i</i> - 6 - 10M	10M0-6-6	M10CU6	10	3/8	9.52
SRU <i>i</i> - 5 - 12M	12M0-6-5	M12CU5	12	5/16	7.93
SRU <i>i</i> - 6 - 12M	12M0-6-6	M12CU6	12	3/8	9.52
SRU <i>i</i> - 8 - 12M	12M0-6-8	M12CU8	12	1/2	12.70
SRU <i>i</i> - 8 - 15M	15M0-6-8	M15CU8	15	1/2	12.70
SRU <i>i</i> - 10 - 16M	16M0-6-10	M16CU10	16	5/8	15.87
SRU <i>i</i> - 12 - 18M	18M0-6-12	M18CU12	18	3/4	19.05
SRU <i>i</i> - 12 - 20M	20M0-6-12	M20CU12	20	3/4	19.05
SRU <i>i</i> - 16 - 20M	20M0-6-16	M20CU16	20	1	25.40
SRU <i>i</i> - 16 - 25M	25M0-6-16	M25CU16	25	1	25.40

SBHRU

Bulkhead Reducing Union



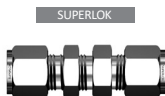
Connects Fractional Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Reduced O.D.	
			(in)	(mm)	(in)	(mm)
SBHRU <i>i</i> - 4 - 2	400-61-2	2BC4	1/4	6.35	1/8	3.17
SBHRU <i>i</i> - 6 - 4	600-61-4	4BC6	3/8	9.52	1/4	6.35
SBHRU <i>i</i> - 8 - 4	810-61-4	4BC8	1/2	12.70	1/4	6.35

For **i-Fitting®** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SBHU

Bulkhead
Union



Connects Fractional Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SBHU - 1	100-61	1BC1	1/16	1.58
SBHU - 2	200-61	2BC2	1/8	3.17
SBHU - 3	300-61	3BC3	3/16	4.76
SBHU <i>i</i> - 4	400-61	4BC4	1/4	6.35
SBHU <i>i</i> - 5	500-61	5BC5	5/16	7.93
SBHU <i>i</i> - 6	600-61	6BC6	3/8	9.52
SBHU <i>i</i> - 8	810-61	8BC8	1/2	12.70
SBHU <i>i</i> - 10	1010-61	10BC10	5/8	15.87
SBHU <i>i</i> - 12	1210-61	12BC12	3/4	19.05
SBHU <i>i</i> - 14	1410-61	14BC14	7/8	22.22
SBHU <i>i</i> - 16	1610-61	16BC16	1	25.40

Connects Metric Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.
			(mm)
SBHU - 3M	3M0-61	BCM3	3
SBHU - 4M	4M0-61	BCM4	4
SBHU <i>i</i> - 6M	6M0-61	BCM6	6
SBHU <i>i</i> - 8M	8M0-61	BCM8	8
SBHU <i>i</i> - 10M	10M0-61	BCM10	10
SBHU <i>i</i> - 12M	12M0-61	BCM12	12
SBHU <i>i</i> - 15M	15M0-61	BCM15	15
SBHU <i>i</i> - 16M	16M0-61	BCM16	16
SBHU <i>i</i> - 18M	18M0-61	BCM18	18
SBHU <i>i</i> - 20M	20M0-61	BCM20	20
SBHU <i>i</i> - 22M	22M0-61	BCM22	22
SBHU <i>i</i> - 25M	25M0-61	BCM25	25

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SMC

Male Connector



Connects Fractional Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SMC - 1 - 1N	100-1-1	1MSC1N	1/16	1.58	1/16
SMC - 1 - 2N	100-1-2	1MSC2N	1/16	1.58	1/8
SMC - 2 - 2N	200-1-2	2MSC2N	1/8	3.17	1/8
SMC - 2 - 4N	200-1-4	2MSC4N	1/8	3.17	1/4
SMC - 2 - 6N	200-1-6	2MSC6N	1/8	3.17	3/8
SMC - 2 - 8N	200-1-8	2MSC8N	1/8	3.17	1/2
SMC - 3 - 2N	300-1-2	3MSC2N	3/16	4.76	1/8
SMC - 3 - 4N	300-1-4	3MSC4N	3/16	4.76	1/4
SMC <i>i</i> - 4 - 2N	400-1-2	4MSC2N	1/4	6.35	1/8
SMC <i>i</i> - 4 - 4N	400-1-4	4MSC4N	1/4	6.35	1/4
SMC <i>i</i> - 4 - 6N	400-1-6	4MSC6N	1/4	6.35	3/8
SMC <i>i</i> - 4 - 8N	400-1-8	4MSC8N	1/4	6.35	1/2
SMC <i>i</i> - 4 - 12N	400-1-12	4MSC12N	1/4	6.35	3/4
SMC <i>i</i> - 5 - 2N	500-1-2	5MSC2N	5/16	7.93	1/8
SMC <i>i</i> - 5 - 4N	500-1-4	5MSC4N	5/16	7.93	1/4
SMC <i>i</i> - 5 - 6N	500-1-6	5MSC6N	5/16	7.93	3/8
SMC <i>i</i> - 6 - 2N	600-1-2	6MSC2N	3/8	9.52	1/8
SMC <i>i</i> - 6 - 4N	600-1-4	6MSC4N	3/8	9.52	1/4
SMC <i>i</i> - 6 - 6N	600-1-6	6MSC6N	3/8	9.52	3/8
SMC <i>i</i> - 6 - 8N	600-1-8	6MSC8N	3/8	9.52	1/2
SMC <i>i</i> - 6 - 12N	600-1-12	6MSC12N	3/8	9.52	3/4
SMC <i>i</i> - 8 - 2N	810-1-2	8MSC2N	1/2	12.70	1/8
SMC <i>i</i> - 8 - 4N	810-1-4	8MSC4N	1/2	12.70	1/4
SMC <i>i</i> - 8 - 6N	810-1-6	8MSC6N	1/2	12.70	3/8
SMC <i>i</i> - 8 - 8N	810-1-8	8MSC8N	1/2	12.70	1/2
SMC <i>i</i> - 8 - 12N	810-1-12	8MSC12N	1/2	12.70	3/4
SMC <i>i</i> - 8 - 16N	810-1-16	8MSC16N	1/2	12.70	1
SMC <i>i</i> - 10 - 6N	1010-1-6	10MSC6N	5/8	15.87	3/8
SMC <i>i</i> - 10 - 8N	1010-1-8	10MSC8N	5/8	15.87	1/2
SMC <i>i</i> - 10 - 12N	1010-1-12	10MSC12N	5/8	15.87	3/4

For **i-Fitting**® "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

SMC

Male Connector



Connects Fractional Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SMC i - 12 - 8N	1210-1-8	12MSC8N	3/4	19.05	1/2
SMC i - 12 - 12N	1210-1-12	12MSC12N	3/4	19.05	3/4
SMC i - 12 - 16N	1210-1-16	12MSC16N	3/4	19.05	1
SMC i - 14 - 12N	1410-1-12	14MSC12N	7/8	22.22	3/4
SMC i - 14 - 16N	1410-1-16	14MSC16N	7/8	22.22	1
SMC i - 16 - 8N	1610-1-8	16MSC8N	1	25.40	1/2
SMC i - 16 - 12N	1610-1-12	16MSC12N	1	25.40	3/4
SMC i - 16 - 16N	1610-1-16	16MSC16N	1	25.40	1
SMC - 20 - 16N	2000-1-16	20MSC16N	1-1/4	31.75	1
SMC - 20 - 20N	2000-1-20	20MSC20N	1-1/4	31.75	1-1/4
SMC - 24 - 24N	2400-1-24	24MSC24N	1-1/2	38.10	1-1/2
SMC - 32 - 32N	3200-1-32	32MSC32N	2	50.80	2

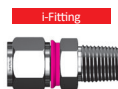
Connects Fractional Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SMC - 2 - 2R	200-1-2RT	2MSC2K	1/8	3.17	1/8
SMC - 2 - 4R	200-1-4RT	2MSC4K	1/8	3.17	1/4
SMC i - 4 - 2R	400-1-2RT	4MSC2K	1/4	6.35	1/8
SMC i - 4 - 4R	400-1-4RT	4MSC4K	1/4	6.35	1/4
SMC i - 4 - 6R	400-1-6RT	4MSC6K	1/4	6.35	3/8
SMC i - 4 - 8R	400-1-8RT	4MSC8K	1/4	6.35	1/2
SMC i - 5 - 2R	500-1-2RT	5MSC2K	5/16	7.93	1/8
SMC i - 5 - 4R	500-1-4RT	5MSC4K	5/16	7.93	1/4
SMC i - 6 - 2R	600-1-2RT	6MSC2K	3/8	9.52	1/8
SMC i - 6 - 4R	600-1-4RT	6MSC4K	3/8	9.52	1/4
SMC i - 6 - 6R	600-1-6RT	6MSC6K	3/8	9.52	3/8
SMC i - 6 - 8R	600-1-8RT	6MSC8K	3/8	9.52	1/2
SMC i - 8 - 4R	810-1-4RT	8MSC4K	1/2	12.70	1/4
SMC i - 8 - 6R	810-1-6RT	8MSC6K	1/2	12.70	3/8
SMC i - 8 - 8R	810-1-8RT	8MSC8K	1/2	12.70	1/2
SMC i - 8 - 12R	810-1-12RT	8MSC12K	1/2	12.70	3/4
SMC i - 12 - 12R	1210-1-12RT	12MSC12K	3/4	19.05	3/4
SMC i - 16 - 16R	1610-1-16RT	16MSC16K	1	25.40	1

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SMC

Male Connector



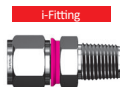
Connects Metric Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SMC - 2M - 2N	2M0-1-2	M2MSC1/8N	2	1/8
SMC - 3M - 2N	3M0-1-2	M3MSC1/8N	3	1/8
SMC - 3M - 4N	3M0-1-4	M3MSC1/4N	3	1/4
SMC - 4M - 2N	4M0-1-2	M4MSC1/8N	4	1/8
SMC - 4M - 4N	4M0-1-4	M4MSC1/4N	4	1/4
SMC i - 6M - 2N	6M0-1-2	M6MSC1/8N	6	1/8
SMC i - 6M - 4N	6M0-1-4	M6MSC1/4N	6	1/4
SMC i - 6M - 6N	6M0-1-6	M6MSC3/8N	6	3/8
SMC i - 6M - 8N	6M0-1-8	M6MSC1/2N	6	1/2
SMC i - 8M - 2N	8M0-1-2	M8MSC1/8N	8	1/8
SMC i - 8M - 4N	8M0-1-4	M8MSC1/4N	8	1/4
SMC i - 8M - 6N	8M0-1-6	M8MSC3/8N	8	3/8
SMC i - 8M - 8N	8M0-1-8	M8MSC1/2N	8	1/2
SMC i -10M - 2N	10M0-1-2	M10MSC1/8N	10	1/8
SMC i -10M - 4N	10M0-1-4	M10MSC1/4N	10	1/4
SMC i -10M - 6N	10M0-1-6	M10MSC3/8N	10	3/8
SMC i -10M - 8N	10M0-1-8	M10MSC1/2N	10	1/2
SMC i -12M - 2N	12M0-1-2	M12MSC1/8N	12	1/8
SMC i -12M - 4N	12M0-1-4	M12MSC1/4N	12	1/4
SMC i -12M - 6N	12M0-1-6	M12MSC3/8N	12	3/8
SMC i -12M - 8N	12M0-1-8	M12MSC1/2N	12	1/2
SMC i -12M - 12N	12M0-1-12	M12MSC3/4N	12	3/4
SMC i -14M - 4N	14M0-1-4	M14MSC1/4N	14	1/4
SMC i -14M - 6N	14M0-1-6	M14MSC3/8N	14	3/8
SMC i -14M - 8N	14M0-1-8	M14MSC1/2N	14	1/2
SMC i -16M - 6N	16M0-1-6	M16MSC3/8N	16	3/8
SMC i -16M - 8N	16M0-1-8	M16MSC1/2N	16	1/2
SMC i -16M - 12N	16M0-1-12	M16MSC3/4N	16	3/4

For **i-Fitting**® "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

SMC

Male Connector



Connects Metric Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SMC i - 18M - 8N	18M0-1-8	M18MSC1/2N	18	1/2
SMC i - 18M - 12N	18M0-1-12	M18MSC3/4N	18	3/4
SMC i - 20M - 8N	20M0-1-8	M20MSC1/2N	20	1/2
SMC i - 20M - 12N	20M0-1-12	M20MSC3/4N	20	3/4
SMC i - 22M - 12N	22M0-1-12	M22MSC3/4N	22	3/4
SMC i - 22M - 16N	22M0-1-16	M22MSC1N	22	1
SMC i - 25M - 12N	25M0-1-12	M25MSC3/4N	25	3/4
SMC i - 25M - 16N	25M0-1-16	M25MSC1N	25	1
SMC -28M - 16N	28M0-1-16	M28MSC1N	28	1
SMC - 28M - 20N	28M0-1-20	M28MSC1 1/4N	28	1-1/4
SMC - 30M - 20N	30M0-1-20	M30MSC1 1/4N	30	1-1/4
SMC - 32M - 20N	32M0-1-20	M32MSC1 1/4N	32	1-1/4
SMC - 38M - 24N	38M0-1-24	M38MSC1 1/2N	38	1-1/2

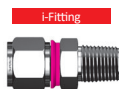
Connects Metric Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SMC - 2M - 2R	2M0-1-2RT	M2MSC1/8K	2	1/8
SMC - 3M - 2R	3M0-1-2RT	M3MSC1/8K	3	1/8
SMC - 3M - 4R	3M0-1-4RT	M3MSC1/4K	3	1/4
SMC - 4M - 2R	4M0-1-2RT	M4MSC1/8K	4	1/8
SMC - 4M - 4R	4M0-1-4RT	M4MSC1/4K	4	1/4
SMC i - 6M - 2R	6M0-1-2RT	M6MSC1/8K	6	1/8
SMC i - 6M - 4R	6M0-1-4RT	M6MSC1/4K	6	1/4
SMC i - 6M - 6R	6M0-1-6RT	M6MSC3/8K	6	3/8
SMC i - 6M - 8R	6M0-1-8RT	M6MSC1/2K	6	1/2
SMC i - 8M - 2R	8M0-1-2RT	M8MSC1/8K	8	1/8
SMC i - 8M - 4R	8M0-1-4RT	M8MSC1/4K	8	1/4
SMC i - 8M - 6R	8M0-1-6RT	M8MSC3/8K	8	3/8
SMC i - 8M - 8R	8M0-1-8RT	M8MSC1/2K	8	1/2

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SMC

Male Connector



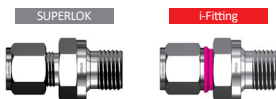
Connects Metric Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SMC i - 10M - 2R	10M0-1-2RT	M10MSC1/8K	10	1/8
SMC i - 10M - 4R	10M0-1-4RT	M10MSC1/4K	10	1/4
SMC i - 10M - 6R	10M0-1-6RT	M10MSC3/8K	10	3/8
SMC i - 10M - 8R	10M0-1-8RT	M10MSC1/2K	10	1/2
SMC i - 12M - 4R	12M0-1-4RT	M12MSC1/4K	12	1/4
SMC i - 12M - 6R	12M0-1-6RT	M12MSC3/8K	12	3/8
SMC i - 12M - 8R	12M0-1-8RT	M12MSC1/2K	12	1/2
SMC i - 12M - 12R	12M0-1-12RT	M12MSC3/4K	12	3/4
SMC i - 15M - 8R	15M0-1-8RT	M15MSC1/2K	15	1/2
SMC i - 16M - 4R	16M0-1-4RT	M16MSC1/4K	16	1/4
SMC i - 16M - 6R	16M0-1-6RT	M16MSC3/8K	16	3/8
SMC i - 16M - 8R	16M0-1-8RT	M16MSC1/2K	16	1/2
SMC i - 16M - 12R	16M0-1-12RT	M16MSC3/4K	16	3/4
SMC i - 18M - 8R	18M0-1-8RT	M18MSC1/2K	18	1/2
SMC i - 18M - 12R	18M0-1-12RT	M18MSC3/4K	18	3/4
SMC i - 20M - 8R	20M0-1-8RT	M20MSC1/2K	20	1/2
SMC i - 20M - 12R	20M0-1-12RT	M20MSC3/4K	20	3/4
SMC i - 22M - 12R	22M0-1-12RT	M22MSC3/4K	22	3/4
SMC i - 22M - 16R	22M0-1-16RT	M22MSC1K	22	1
SMC i - 25M - 12R	25M0-1-12RT	M25MSC3/4K	25	3/4
SMC i - 25M - 16R	25M0-1-16RT	M25MSC1K	25	1
SMC - 28M - 16R	28M0-1-16RT	M28MSC1K	28	1
SMC - 28M - 20R	28M0-1-20RT	M28MSC1 1/4K	28	1-1/4
SMC - 30M - 20R	30M0-1-20RT	M30MSC1 1/4K	30	1-1/4
SMC - 32M - 20R	32M0-1-20RT	M32MSC1 1/4K	32	1-1/4
SMC - 38M - 24R	38M0-1-24RT	M38MSC1 1/2K	38	1-1/2

For **i-Fitting**® "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

SMC-GM

Male Connector For
Metal Gasket Seal



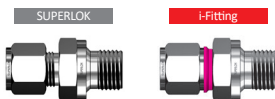
Connects Metric Tube To Female ISO Parallel Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SMC - 3M - 2GM	3M0-1-2RP	-	3	1/8
SMC - 3M - 4GM	3M0-1-4RP	-	3	1/4
SMC - 4M - 2GM	4M0-1-2RP	-	4	1/8
SMC i - 6M - 2GM	6M0-1-2RP	-	6	1/8
SMC i - 6M - 4GM	6M0-1-4RP	-	6	1/4
SMC i - 6M - 6GM	6M0-1-6RP	-	6	3/8
SMC i - 6M - 8GM	6M0-1-8RP	-	6	1/2
SMC i - 8M - 2GM	8M0-1-2RP	-	8	1/8
SMC i - 8M - 4GM	8M0-1-4RP	-	8	1/4
SMC i - 8M - 6GM	8M0-1-6RP	-	8	3/8
SMC i - 8M - 8GM	8M0-1-8RP	-	8	1/2
SMC i - 10M - 4GM	10M0-1-4RP	-	10	1/4
SMC i - 10M - 6GM	10M0-1-6RP	-	10	3/8
SMC i - 10M - 8GM	10M0-1-8RP	-	10	1/2
SMC i - 12M - 4GM	12M0-1-4RP	-	12	1/4
SMC i - 12M - 6GM	12M0-1-6RP	-	12	3/8
SMC i - 12M - 8GM	12M0-1-8RP	-	12	1/2
SMC i - 12M - 12GM	12M0-1-12RP	-	12	3/4
SMC i - 15M - 8GM	15M0-1-8RP	-	15	1/2
SMC i - 16M - 6GM	16M0-1-6RP	-	16	3/8
SMC i - 16M - 8GM	16M0-1-8RP	-	16	1/2
SMC i - 18M - 8GM	18M0-1-8RP	-	18	1/2
SMC i - 18M - 12GM	18M0-1-12RP	-	18	3/4
SMC i - 20M - 8GM	20M0-1-8RP	-	20	1/2
SMC i - 20M - 12GM	20M0-1-12RP	-	20	3/4
SMC i - 22M - 12GM	22M0-1-12RP	-	22	3/4
SMC i - 22M - 16GM	22M0-1-16RP	-	22	1
SMC i - 25M - 12GM	25M0-1-12RP	-	25	3/4
SMC i - 25M - 16GM	25M0-1-16RP	-	25	1

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SGMC

Male Connector For
Bonded Washer Seal



Connects Metric Tube To Female ISO Parallel Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SGMC - 3M - 2G	3M0-1-2RS	M3MSC1/8R	3	1/8
SGMC - 3M - 4G	3M0-1-4RS	M3MSC1/4R	3	1/4
SGMC - 4M - 2G	4M0-1-2RS	M4MSC1/8R	4	1/8
SGMC i - 6M - 2G	6M0-1-2RS	M6MSC1/8R	6	1/8
SGMC i - 6M - 4G	6M0-1-4RS	M6MSC1/4R	6	1/4
SGMC i - 6M - 6G	6M0-1-6RS	M6MSC3/8R	6	3/8
SGMC i - 6M - 8G	6M0-1-8RS	M6MSC1/2R	6	1/2
SGMC i - 8M - 2G	8M0-1-2RS	M8MSC1/8R	8	1/8
SGMC i - 8M - 4G	8M0-1-4RS	M8MSC1/4R	8	1/4
SGMC i - 8M - 6G	8M0-1-6RS	M8MSC3/8R	8	3/8
SGMC i - 8M - 8G	8M0-1-8RS	M8MSC1/2R	8	1/2
SGMC i - 10M - 4G	10M0-1-4RS	M10MSC1/4R	10	1/4
SGMC i - 10M - 6G	10M0-1-6RS	M10MSC3/8R	10	3/8
SGMC i - 10M - 8G	10M0-1-8RS	M10MSC1/2R	10	1/2
SGMC i - 12M - 4G	12M0-1-4RS	M12MSC1/4R	12	1/4
SGMC i - 12M - 6G	12M0-1-6RS	M12MSC3/8R	12	3/8
SGMC i - 12M - 8G	12M0-1-8RS	M12MSC1/2R	12	1/2
SGMC i - 12M - 12G	12M0-1-12RS	M12MSC3/4R	12	3/4
SGMC i - 16M - 6G	16M0-1-6RS	M16MSC3/8R	16	3/8
SGMC i - 16M - 8G	16M0-1-8RS	M16MSC1/2R	16	1/2
SGMC i - 18M - 8G	18M0-1-8RS	M18MSC1/2R	18	1/2
SGMC i - 18M - 12G	18M0-1-12RS	M18MSC3/4R	18	3/4
SGMC i - 20M - 8G	20M0-1-8RS	M20MSC1/2R	20	1/2
SGMC i - 20M - 12G	20M0-1-12RS	M20MSC3/4R	20	3/4
SGMC i - 22M - 12G	22M0-1-12RS	M22MSC3/4R	22	3/4
SGMC i - 22M - 16G	22M0-1-16RS	M22MSC1R	22	1
SGMC i - 25M - 12G	25M0-1-12RS	M25MSC3/4R	25	3/4
SGMC i - 25M - 16G	25M0-1-16RS	M25MSC1R	25	1

For **i-Fitting**® "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

SFC

Female Connector

SUPERLOK

i-Fitting


Connects Fractional Tube To Male NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SFC - 2 - 2N	200-7-2	2FSC2N	1/8	3.17	1/8
SFC - 2 - 4N	200-7-4	2FSC4N	1/8	3.17	1/4
SFC - 3 - 2N	300-7-2	3FSC2N	3/16	4.76	1/8
SFC <i>i</i> - 4 - 2N	400-7-2	4FSC2N	1/4	6.35	1/8
SFC <i>i</i> - 4 - 4N	400-7-4	4FSC4N	1/4	6.35	1/4
SFC <i>i</i> - 4 - 6N	400-7-6	4FSC6N	1/4	6.35	3/8
SFC <i>i</i> - 4 - 8N	400-7-8	4FSC8N	1/4	6.35	1/2
SFC <i>i</i> - 5 - 2N	500-7-2	5FSC2N	5/16	7.93	1/8
SFC <i>i</i> - 5 - 4N	500-7-4	5FSC4N	5/16	7.93	1/4
SFC <i>i</i> - 6 - 2N	600-7-2	6FSC2N	3/8	9.52	1/8
SFC <i>i</i> - 6 - 4N	600-7-4	6FSC4N	3/8	9.52	1/4
SFC <i>i</i> - 6 - 6N	600-7-6	6FSC6N	3/8	9.52	3/8
SFC <i>i</i> - 6 - 8N	600-7-8	6FSC8N	3/8	9.52	1/2
SFC <i>i</i> - 6 - 12N	600-7-12	6FSC12N	3/8	9.52	3/4
SFC <i>i</i> - 8 - 4N	810-7-4	8FSC4N	1/2	12.70	1/4
SFC <i>i</i> - 8 - 6N	810-7-6	8FSC6N	1/2	12.70	3/8
SFC <i>i</i> - 8 - 8N	810-7-8	8FSC8N	1/2	12.70	1/2
SFC <i>i</i> - 8 - 12N	810-7-12	8FSC12N	1/2	12.70	3/4
SFC <i>i</i> - 10 - 6N	1010-7-6	10FSC6N	5/8	15.87	3/8
SFC <i>i</i> - 10 - 8N	1010-7-8	10FSC8N	5/8	15.87	1/2
SFC <i>i</i> - 12 - 8N	1210-7-8	12FSC8N	3/4	19.05	1/2
SFC <i>i</i> - 12 - 12N	1210-7-12	12FSC12N	3/4	19.05	3/4
SFC <i>i</i> - 14 - 12N	1410-7-12	14FSC12N	7/8	22.22	3/4
SFC <i>i</i> - 16 - 12N	1610-7-12	16FSC12N	1	25.40	3/4
SFC <i>i</i> - 16 - 16N	1610-7-16	16FSC16N	1	25.40	1

* ISO Tapered Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SFC

Female Connector

SUPERLOK



i-Fitting



Connects Metric Tube To Male ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SFC - 3M - 2R	3M0-7-2RT	M3FSC1/8K	3	1/8
SFC - 3M - 4R	3M0-7-4RT	M3FSC1/4K	3	1/4
SFC - 4M - 2R	4M0-7-2RT	M4FSC1/8K	4	1/8
SFC <i>i</i> - 6M - 2R	6M0-7-2RT	M6FSC1/8K	6	1/8
SFC <i>i</i> - 6M - 4R	6M0-7-4RT	M6FSC1/4K	6	1/4
SFC <i>i</i> - 6M - 6R	6M0-7-6RT	M6FSC3/8K	6	3/8
SFC <i>i</i> - 6M - 8R	6M0-7-8RT	M6FSC1/2K	6	1/2
SFC <i>i</i> - 8M - 2R	8M0-7-2RT	M8FSC1/8K	8	1/8
SFC <i>i</i> - 8M - 4R	8M0-7-4RT	M8FSC1/4K	8	1/4
SFC <i>i</i> - 8M - 6R	8M0-7-6RT	M8FSC3/8K	8	3/8
SFC <i>i</i> - 8M - 8R	8M0-7-8RT	M8FSC1/2K	8	1/2
SFC <i>i</i> - 10M - 2R	10M0-7-2RT	M10FSC1/8K	10	1/8
SFC <i>i</i> - 10M - 4R	10M0-7-4RT	M10FSC1/4K	10	1/4
SFC <i>i</i> - 10M - 6R	10M0-7-6RT	M10FSC3/8K	10	3/8
SFC <i>i</i> - 10M - 8R	10M0-7-8RT	M10FSC1/2K	10	1/2
SFC <i>i</i> - 12M - 2R	12M0-7-2RT	M12FSC1/8K	12	1/8
SFC <i>i</i> - 12M - 4R	12M0-7-4RT	M12FSC1/4K	12	1/4
SFC <i>i</i> - 12M - 6R	12M0-7-6RT	M12FSC3/8K	12	3/8
SFC <i>i</i> - 12M - 8R	12M0-7-8RT	M12FSC1/2K	12	1/2
SFC <i>i</i> - 12M - 12R	12M0-7-12RT	M12FSC3/4K	12	3/4
SFC <i>i</i> - 15M - 8R	15M0-7-8RT	M15FSC1/2K	15	1/2
SFC <i>i</i> - 16M - 8R	16M0-7-8RT	M16FSC1/2K	16	1/2
SFC <i>i</i> - 20M - 8R	20M0-7-8RT	M20FSC1/2K	20	1/2
SFC <i>i</i> - 20M - 12R	20M0-7-12RT	M20FSC3/4K	20	3/4
SFC <i>i</i> - 22M - 12R	22M0-7-12RT	M22FSC3/4K	22	3/4
SFC <i>i</i> - 22M - 16R	22M0-7-16RT	M22FSC1K	22	1
SFC <i>i</i> - 25M - 12R	25M0-7-12RT	M25FSC3/4K	25	3/4
SFC <i>i</i> - 25M - 16R	25M0-7-16RT	M25FSC1K	25	1

* NPT Threads are available upon request

For **i-Fitting**® "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

SGC

Gauge Connector



Connects Fractional Tube To ISO Parallel Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SGC i - 4 - 4G	400-7-4RG	4FSC4GC	1/4	6.35	1/4
SGC i - 4 - 6G	400-7-6RG	4FSC6GC	1/4	6.35	3/8
SGC i - 4 - 8G	400-7-8RG	4FSC8GC	1/4	6.35	1/2
SGC i - 5 - 4G	500-7-4RG	5FSC4GC	5/16	7.93	1/4
SGC i - 5 - 8G	500-7-8RG	5FSC8GC	5/16	7.93	1/2
SGC i - 6 - 4G	600-7-4RG	6FSC4GC	3/8	9.52	1/4
SGC i - 6 - 6G	600-7-6RG	6FSC6GC	3/8	9.52	3/8
SGC i - 6 - 8G	600-7-8RG	6FSC8GC	3/8	9.52	1/2
SGC i - 8 - 4G	810-7-4RG	8FSC4GC	1/2	12.70	1/4
SGC i - 8 - 6G	810-7-6RG	8FSC6GC	1/2	12.70	3/8
SGC i - 8 - 8G	810-7-8RG	8FSC8GC	1/2	12.70	1/2

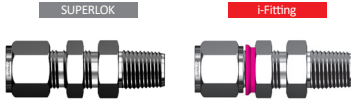
Connects Metric Tube To ISO Parallel Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SGC - 3M - 4G	3M0-7-4RG	M3GC1/4R	3	1/4
SGC i - 6M - 4G	6M0-7-4RG	M6GC1/4R	6	1/4
SGC i - 6M - 6G	6M0-7-6RG	M6GC3/8R	6	3/8
SGC i - 6M - 8G	6M0-7-8RG	M6GC1/2R	6	1/2
SGC i - 8M - 4G	8M0-7-4RG	M8GC1/4R	8	1/4
SGC i - 8M - 6G	8M0-7-6RG	M8GC3/8R	8	3/8
SGC i - 8M - 8G	8M0-7-8RG	M8GC1/2R	8	1/2
SGC i - 10M - 4G	10M0-7-4RG	M10GC1/4R	10	1/4
SGC i - 10M - 6G	10M0-7-6RG	M10GC3/8R	10	3/8
SGC i - 10M - 8G	10M0-7-8RG	M10GC1/2R	10	1/2
SGC i - 12M - 4G	12M0-7-4RG	M12GC1/4R	12	1/4
SGC i - 12M - 6G	12M0-7-6RG	M12GC3/8R	12	3/8
SGC i - 12M - 8G	12M0-7-8RG	M12GC1/2R	12	1/2
SGC i - 20M - 8G	20M0-7-8RG	M20GC1/2R	20	1/2
SGC i - 22M - 8G	22M0-7-8RG	M22GC1/2R	22	1/2

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SMCB

Bulkhead Male Connector



Connects Fractional Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SMCB - 2 - 2N	200-11-2	2MBC2N	1/8	3.17	1/8
SMCB <i>i</i> - 4 - 2N	400-11-2	4MBC2N	1/4	6.35	1/8
SMCB <i>i</i> - 4 - 4N	400-11-4	4MBC4N	1/4	6.35	1/4
SMCB <i>i</i> - 6 - 4N	600-11-4	6MBC4N	3/8	9.52	1/4
SMCB <i>i</i> - 6 - 6N	600-11-6	6MBC6N	3/8	9.52	3/8
SMCB <i>i</i> - 6 - 8N	600-11-8	6MBC8N	3/8	9.52	1/2
SMCB <i>i</i> - 8 - 6N	810-11-6	8MBC6N	1/2	12.70	3/8
SMCB <i>i</i> - 8 - 8N	810-11-8	8MBC8N	1/2	12.70	1/2
SMCB <i>i</i> - 12 - 12N	1210-11-12	12MBC12N	3/4	19.05	3/4
SMCB <i>i</i> - 16 - 16N	1610-11-16	16MBC16N	1	25.40	1

* ISO Tapered Threads are available upon request

For **i-Fitting**® "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

SFCB

Bulkhead Female Connector



Connects Fractional Tube To Male NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SFCB - 2 - 2N	200-71-2	2FBC2N	1/8	3.17	1/8
SFCB i - 4 - 2N	400-71-2	4FBC2N	1/4	6.35	1/8
SFCB i - 4 - 4N	400-71-4	4FBC4N	1/4	6.35	1/4
SFCB i - 6 - 4N	600-71-4	6FBC4N	3/8	9.52	1/4
SFCB i - 8 - 6N	810-71-6	8FBC6N	1/2	12.70	3/8
SFCB i - 8 - 8N	810-71-8	8FBC8N	1/2	12.70	1/2
SFCB i -12 - 12N	1210-71-12	12FBC12N	3/4	19.05	3/4

* ISO Tapered Threads are available upon request

Connects Metric Tube To Male NPT Thread

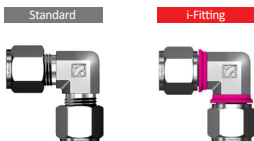
SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SFCB i - 6M - 2N	6M0-71-2	M6FBC1/8N	6	1/8
SFCB i - 6M - 4N	6M0-71-4	M6FBC1/4N	6	1/4
SFCB i - 8M - 4N	8M0-71-4	M8FBC1/4N	8	1/4
SFCB i -12M - 8N	12M0-71-8	M12FBC1/2N	12	1/2

* ISO Tapered Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SUE

Union Elbow



Connects Fractional Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SUE - 1	100-9	1EE1	1/16	1.58
SUE - 2	200-9	2EE2	1/8	3.17
SUE - 3	300-9	3EE3	3/16	4.76
SUE i - 4	400-9	4EE4	1/4	6.35
SUE i - 5	500-9	5EE5	5/16	7.93
SUE i - 6	600-9	6EE6	3/8	9.52
SUE i - 8	810-9	8EE8	1/2	12.70
SUE i - 10	1010-9	10EE10	5/8	15.87
SUE i - 12	1210-9	12EE12	3/4	19.05
SUE i - 14	1410-9	14EE14	7/8	22.22
SUE i - 16	1610-9	16EE16	1	25.40
SUE - 20	2000-9	20EE20	1-1/4	31.75
SUE - 24	2400-9	24EE24	1-1/2	38.10
SUE - 32	3200-9	32EE32	2	50.80

Connects Metric Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.
			(mm)
SUE - 2M	2M0-9	EEM2	2
SUE - 3M	3M0-9	EEM3	3
SUE - 4M	4M0-9	EEM4	4
SUE i - 6M	6M0-9	EEM6	6
SUE i - 8M	8M0-9	EEM8	8
SUE i - 10M	10M0-9	EEM10	10
SUE i - 12M	12M0-9	EEM12	12
SUE i - 15M	15M0-9	EEM15	15
SUE i - 16M	16M0-9	EEM16	16
SUE i - 18M	18M0-9	EEM18	18
SUE i - 20M	20M0-9	EEM20	20
SUE i - 22M	22M0-9	EEM22	22
SUE i - 25M	25M0-9	EEM25	25
SUE - 28M	28M0-9	EEM28	28
SUE - 30M	30M0-9	EEM30	30
SUE - 32M	32M0-9	EEM32	32
SUE - 38M	38M0-9	EEM38	38

For **i-Fitting**® "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

SME

Male Elbow



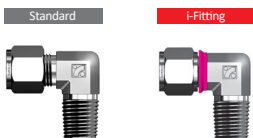
Connects Metric Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SME - 3M - 2N	3M0-2-2	M3MSEL1/8N	3	1/8
SME - 3M - 4N	3M0-2-4	M3MSEL1/4N	3	1/4
SME - 4M - 2N	4M0-2-2	M4MSEL1/8N	4	1/8
SME - 4M - 4N	4M0-2-4	M4MSEL1/4N	4	1/4
SME i - 6M - 2N	6M0-2-2	M6MSEL1/8N	6	1/8
SME i - 6M - 4N	6M0-2-4	M6MSEL1/4N	6	1/4
SME i - 6M - 6N	6M0-2-6	M6MSEL3/8N	6	3/8
SME i - 6M - 8N	6M0-2-8	M6MSEL1/2N	6	1/2
SME i - 8M - 2N	8M0-2-2	M8MSEL1/8N	8	1/8
SME i - 8M - 4N	8M0-2-4	M8MSEL1/4N	8	1/4
SME i - 8M - 6N	8M0-2-6	M8MSEL3/8N	8	3/8
SME i - 8M - 8N	8M0-2-8	M8MSEL1/2N	8	1/2
SME i - 10M - 2N	10M0-2-2	M10MSEL1/8N	10	1/8
SME i - 10M - 4N	10M0-2-4	M10MSEL1/4N	10	1/4
SME i - 10M - 6N	10M0-2-6	M10MSEL3/8N	10	3/8
SME i - 10M - 8N	10M0-2-8	M10MSEL1/2N	10	1/2
SME i - 12M - 4N	12M0-2-4	M12MSEL1/4N	12	1/4
SME i - 12M - 6N	12M0-2-6	M12MSEL3/8N	12	3/8
SME i - 12M - 8N	12M0-2-8	M12MSEL1/2N	12	1/2
SME i - 12M - 12N	12M0-2-12	M12MSEL3/4N	12	3/4
SME i - 16M - 6N	16M0-2-6	M16MSEL3/8N	16	3/8
SME i - 16M - 8N	16M0-2-8	M16MSEL1/2N	16	1/2
SME i - 16M - 12N	16M0-2-12	M16MSEL3/4N	16	3/4
SME i - 18M - 8N	18M0-2-8	M18MSEL1/2N	18	1/2
SME i - 18M - 12N	18M0-2-12	M18MSEL3/4N	18	3/4
SME i - 20M - 8N	20M0-2-8	M20MSEL1/2N	20	1/2
SME i - 20M - 12N	20M0-2-12	M20MSEL3/4N	20	3/4
SME i - 22M - 12N	22M0-2-12	M22MSEL3/4N	22	3/4
SME i - 22M - 16N	22M0-2-16	M22MSEL1N	22	1
SME i - 25M - 12N	25M0-2-12	M25MSEL3/4N	25	3/4
SME i - 25M - 16N	25M0-2-16	M25MSEL1N	25	1
SME - 30M - 20N	30M0-2-20	M30MSEL1 1/4N	30	1-1/4
SME - 32M - 20N	32M0-2-20	M32MSEL1 1/4N	32	1-1/4
SME - 38M - 24N	38M0-2-24	M38MSEL1 1/2N	38	1-1/2

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SME

Male Elbow



Connects Metric Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SME - 3M - 2R	3M0-2-2RT	M3MSEL1/8K	3	1/8
SME - 3M - 4R	3M0-2-4RT	M3MSEL1/4K	3	1/4
SME - 4M - 2R	4M0-2-2RT	M4MSEL1/8K	4	1/8
SME - 4M - 4R	4M0-2-4RT	M4MSEL1/4K	4	1/4
SME i - 6M - 2R	6M0-2-2RT	M6MSEL1/8K	6	1/8
SME i - 6M - 4R	6M0-2-4RT	M6MSEL1/4K	6	1/4
SME i - 6M - 6R	6M0-2-6RT	M6MSEL3/8K	6	3/8
SME i - 6M - 8R	6M0-2-8RT	M6MSEL1/2K	6	1/2
SME i - 8M - 2R	8M0-2-2RT	M8MSEL1/8K	8	1/8
SME i - 8M - 4R	8M0-2-4RT	M8MSEL1/4K	8	1/4
SME i - 8M - 6R	8M0-2-6RT	M8MSEL3/8K	8	3/8
SME i - 8M - 8R	8M0-2-8RT	M8MSEL1/2K	8	1/2
SME i - 10M - 4R	10M0-2-4RT	M10MSEL1/4K	10	1/4
SME i - 10M - 6R	10M0-2-6RT	M10MSEL3/8K	10	3/8
SME i - 10M - 8R	10M0-2-8RT	M10MSEL1/2K	10	1/2
SME i - 12M - 2R	12M0-2-2RT	M12MSEL1/8K	12	1/8
SME i - 12M - 4R	12M0-2-4RT	M12MSEL1/4K	12	1/4
SME i - 12M - 6R	12M0-2-6RT	M12MSEL3/8K	12	3/8
SME i - 12M - 8R	12M0-2-8RT	M12MSEL1/2K	12	1/2
SME i - 12M - 12R	12M0-2-12RT	M12MSEL3/4K	12	3/4
SME i - 16M - 6R	16M0-2-6RT	M16MSEL3/8K	16	3/8
SME i - 16M - 8R	16M0-2-8RT	M16MSEL1/2K	16	1/2
SME i - 18M - 8R	18M0-2-8RT	M18MSEL1/2K	18	1/2
SME i - 18M - 12R	18M0-2-12RT	M18MSEL3/4K	18	3/4
SME i - 20M - 8R	20M0-2-8RT	M20MSEL1/2K	20	1/2
SME i - 20M - 12R	20M0-2-12RT	M20MSEL3/4K	20	3/4
SME i - 22M - 12R	22M0-2-12RT	M22MSEL3/4K	22	3/4
SME i - 22M - 16R	22M0-2-16RT	M22MSEL1K	22	1
SME i - 25M - 12R	25M0-2-12RT	M25MSEL3/4K	25	3/4
SME i - 25M - 16R	25M0-2-16RT	M25MSEL1K	25	1

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SME

Male Elbow



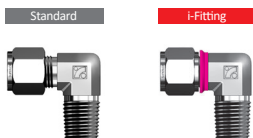
Connects Fractional Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SME - 2 - 2N	200-2-2	2MSEL2N	1/8	3.17	1/8
SME - 2 - 4N	200-2-4	2MSEL4N	1/8	3.17	1/4
SME - 3 - 2N	300-2-2	3MSEL2N	3/16	4.76	1/8
SME - 3 - 4N	300-2-4	3MSEL4N	3/16	4.76	1/4
SME <i>i</i> - 4 - 2N	400-2-2	4MSEL2N	1/4	6.35	1/8
SME <i>i</i> - 4 - 4N	400-2-4	4MSEL4N	1/4	6.35	1/4
SME <i>i</i> - 4 - 6N	400-2-6	4MSEL6N	1/4	6.35	3/8
SME <i>i</i> - 4 - 8N	400-2-8	4MSEL8N	1/4	6.35	1/2
SME <i>i</i> - 5 - 2N	500-2-2	5MSEL2N	5/16	7.93	1/8
SME <i>i</i> - 5 - 4N	500-2-4	5MSEL4N	5/16	7.93	1/4
SME <i>i</i> - 5 - 6N	500-2-6	5MSEL6N	5/16	7.93	3/8
SME <i>i</i> - 6 - 2N	600-2-2	6MSEL2N	3/8	9.52	1/8
SME <i>i</i> - 6 - 4N	600-2-4	6MSEL4N	3/8	9.52	1/4
SME <i>i</i> - 6 - 6N	600-2-6	6MSEL6N	3/8	9.52	3/8
SME <i>i</i> - 6 - 8N	600-2-8	6MSEL8N	3/8	9.52	1/2
SME <i>i</i> - 6 - 12N	600-2-12	6MSEL12N	3/8	9.52	3/4
SME <i>i</i> - 8 - 4N	810-2-4	8MSEL4N	1/2	12.70	1/4
SME <i>i</i> - 8 - 6N	810-2-6	8MSEL6N	1/2	12.70	3/8
SME <i>i</i> - 8 - 8N	810-2-8	8MSEL8N	1/2	12.70	1/2
SME <i>i</i> - 8 - 12N	810-2-12	8MSEL12N	1/2	12.70	3/4
SME <i>i</i> - 10 - 6N	1010-2-6	10MSEL6N	5/8	15.87	3/8
SME <i>i</i> - 10 - 8N	1010-2-8	10MSEL8N	5/8	15.87	1/2
SME <i>i</i> - 10 - 12N	1010-2-12	10MSEL12N	5/8	15.87	3/4
SME <i>i</i> - 12 - 8N	1210-2-8	12MSEL8N	3/4	19.05	1/2
SME <i>i</i> - 12 - 12N	1210-2-12	12MSEL12N	3/4	19.05	3/4
SME <i>i</i> - 14 - 12N	1410-2-12	14MSEL12N	7/8	22.22	3/4
SME <i>i</i> - 16 - 12N	1610-2-12	16MSEL12N	1	25.40	3/4
SME <i>i</i> - 16 - 16N	1610-2-16	16MSEL16N	1	25.40	1
SME - 20 - 20N	2000-2-20	20MSEL20N	1-1/4	31.85	1-1/4
SME - 24 - 24N	2400-2-24	24MSEL24N	1-1/2	38.10	1-1/2
SME - 32 - 32N	3200-2-32	32MSEL32N	2	50.80	2

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SME

Male Elbow

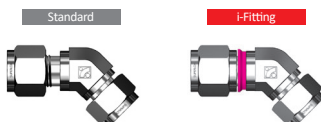


Connects Fractional Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SME i - 4 - 2R	400-2-2RT	4MSEL2K	1/4	6.35	1/8
SME i - 4 - 4R	400-2-4RT	4MSEL4K	1/4	6.35	1/4
SME i - 4 - 6R	400-2-6RT	4MSEL6K	1/4	6.35	3/8
SME i - 4 - 8R	400-2-8RT	4MSEL8K	1/4	6.35	1/2
SME i - 5 - 4R	500-2-4RT	5MSEL4K	5/16	7.93	1/4
SME i - 6 - 4R	600-2-4RT	6MSEL4K	3/8	9.52	1/4
SME i - 6 - 6R	600-2-6RT	6MSEL6K	3/8	9.52	3/8
SME i - 8 - 6R	800-2-6RT	8MSEL6K	1/2	12.70	3/8
SME i - 8 - 8R	800-2-8RT	8MSEL8K	1/2	12.70	1/2

SHUE

45° Union Elbow



Connects Fractional Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SHUE i - 4	-	-	1/4	6.35
SHUE i - 6	-	-	3/8	9.52
SHUE i - 8	-	-	1/2	12.70
SHUE i - 12	-	-	3/4	19.05
SHUE i - 16	-	-	1	25.40

For **i-Fitting**™ "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

Standard

i-Fitting

SHME

45° Male Elbow



Connects Fractional Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SHME i - 4 - 2N	400-5-2	4MVEL2N	1/4	6.35	1/8
SHME i - 4 - 4N	400-5-4	4MVEL4N	1/4	6.35	1/4
SHME i - 6 - 2N	600-5-2	6MVEL2N	3/8	9.52	1/8
SHME i - 6 - 4N	600-5-4	6MVEL4N	3/8	9.52	1/4
SHME i - 6 - 6N	600-5-6	6MVEL6N	3/8	9.52	3/8
SHME i - 8 - 6N	810-5-6	8MVEL6N	1/2	12.70	3/8
SHME i - 8 - 8N	810-5-8	8MVEL8N	1/2	12.70	1/2

* ISO Tapered Threads are available upon request

Standard

i-Fitting

SPHME

45° Positionable
Male Elbow



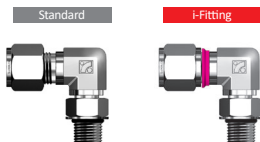
Connects Fractional Tube To SAE/MS Straight Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SPHME i - 4 - 4U	400-5-4ST	4M5VEL4	1/4	6.35
SPHME i - 6 - 6U	600-5-6ST	6M5VEL6	3/8	9.52
SPHME i - 8 - 8U	810-5-8ST	8M5VEL8	1/2	12.70
SPHME i -12 - 12U	1210-5-12ST	12M5VEL12	3/4	19.05
SPHME i -16 - 16U	1610-5-16ST	16M5VEL16	1	25.40

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SPME

Positionable Male Elbow



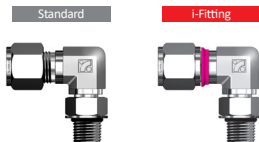
Connects Fractional Tube To SAE/MS Straight Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SPME <i>i</i> - 4 - 4U	400-2-4ST	4M5SEL4	1/4	6.35
SPME <i>i</i> - 4 - 6U	400-2-6ST	4M5SEL6	1/4	9.52
SPME <i>i</i> - 5 - 5U	500-2-5ST	5M5SEL5	5/16	7.93
SPME <i>i</i> - 6 - 6U	600-2-6ST	6M5SEL6	3/8	9.52
SPME <i>i</i> - 6 - 8U	600-2-8ST	6M5SEL8	3/8	9.52
SPME <i>i</i> - 8 - 8U	810-2-8ST	8M5SEL8	1/2	12.70
SPME <i>i</i> - 10 - 10U	1010-2-10ST	10M5SEL10	5/8	15.87
SPME <i>i</i> - 12 - 12U	1210-2-12ST	12M5SEL12	3/4	19.05
SPME <i>i</i> - 14 - 14U	1410-2-14ST	14M5SEL14	7/8	22.22
SPME <i>i</i> - 16 - 16U	1610-2-16ST	16M5SEL16	1	25.40
SPME - 20 - 20U	2000-2-20ST	20M5SEL20	1-1/4	31.75
SPME - 24 - 24U	2400-2-24ST	24M5SEL24	1-1/2	38.10
SPME - 32 - 32U	3200-2-32ST	32M5SEL32	2	50.80

For **i-Fitting**™ "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

SPME

Positionable
Male Elbow



Connects Fractional Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SPME i - 4 - 2G	400-2-2PR	4MSEL2R	1/4	6.35	1/8
SPME i - 4 - 4G	400-2-4PR	4MSEL4R	1/4	6.35	1/4
SPME i - 6 - 4G	600-2-4PR	6MSEL4R	3/8	9.52	1/4
SPME i - 6 - 6G	600-2-6PR	6MSEL6R	3/8	9.52	3/8
SPME i - 8 - 4G	810-2-4PR	8MSEL4R	1/2	12.70	1/4
SPME i - 8 - 6G	810-2-6PR	8MSEL6R	1/2	12.70	3/8
SPME i - 8 - 8G	810-2-8PR	8MSEL8R	1/2	12.70	1/2
SPME i - 10 - 8G	1010-2-8PR	10MSEL8R	5/8	15.87	1/2
SPME i - 12 - 8G	1210-2-8PR	12MSEL8R	3/4	19.05	1/2
SPME i - 12 - 12G	1210-2-12PR	12MSEL12R	3/4	19.05	3/4
SPME i - 16 - 12G	1610-2-12PR	16MSEL12R	1	25.40	3/4
SPME i - 16 - 16G	1610-2-16PR	16MSEL16R	1	25.40	1

Connects Metric Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	ISO Male Pipe Size (in)
SPME i - 6M - 2G	6M0-2-2PR	-	6	1/8
SPME i - 6M - 4G	6M0-2-4PR	-	6	1/4
SPME i - 8M - 2G	8M0-2-2PR	-	8	1/8
SPME i - 8M - 4G	8M0-2-4PR	-	8	1/4
SPME i - 10M - 4G	10M0-2-4PR	-	10	1/4
SPME i - 10M - 6G	10M0-2-6PR	-	10	3/8
SPME i - 12M - 4G	12M0-2-4PR	-	12	1/4
SPME i - 12M - 6G	12M0-2-6PR	-	12	3/8
SPME i - 12M - 8G	12M0-2-8PR	-	12	1/2
SPME i - 12M - 12G	12M0-2-12PR	-	12	3/4

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SFE

Female Elbow

Standard



i-Fitting



Connects Fractional Tube To Male NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SFE - 2 - 2N	200-8-2	2FEL2N	1/8	3.17	1/8
SFE - 2 - 4N	200-8-4	2FEL4N	1/8	3.17	1/4
SFE - 3 - 2N	300-8-2	3FEL2N	3/16	4.76	1/8
SFE i - 4 - 2N	400-8-2	4FEL2N	1/4	6.35	1/8
SFE i - 4 - 4N	400-8-4	4FEL4N	1/4	6.35	1/4
SFE i - 4 - 6N	400-8-6	4FEL6N	1/4	6.35	3/8
SFE i - 4 - 8N	400-8-8	4FEL8N	1/4	6.35	1/2
SFE i - 5 - 2N	500-8-2	5FEL2N	5/16	7.93	1/8
SFE i - 5 - 4N	500-8-4	5FEL4N	5/16	7.93	1/4
SFE i - 6 - 2N	600-8-2	6FEL2N	3/8	9.52	1/8
SFE i - 6 - 4N	600-8-4	6FEL4N	3/8	9.52	1/4
SFE i - 6 - 6N	600-8-6	6FEL6N	3/8	9.52	3/8
SFE i - 6 - 8N	600-8-8	6FEL8N	3/8	9.52	1/2
SFE i - 8 - 4N	810-8-4	8FEL4N	1/2	12.70	1/4
SFE i - 8 - 6N	810-8-6	8FEL6N	1/2	12.70	3/8
SFE i - 8 - 8N	810-8-8	8FEL8N	1/2	12.70	1/2
SFE i - 10 - 6N	1010-8-6	10FEL6N	5/8	15.87	3/8
SFE i - 10 - 8N	1010-8-8	10FEL8N	5/8	15.87	1/2
SFE i - 12 - 8N	1210-8-8	12FEL8N	3/4	19.05	1/2
SFE i - 12 - 12N	1210-8-12	12FEL12N	3/4	19.05	3/4
SFE i - 14 - 12N	1410-8-12	14FEL12N	7/8	22.22	3/4
SFE i - 16 - 12N	1610-8-12	16FEL12N	1	25.40	3/4
SFE i - 16 - 16N	1610-8-16	16FEL16N	1	25.40	1

* ISO Tapered Threads are available upon request

For **i-Fitting®** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SFE

Female Elbow

Standard

i-Fitting



Connects Metric Tube To Male NPT Thread

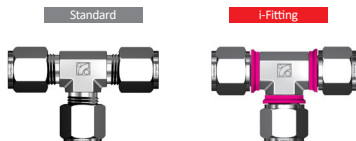
SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SFE i - 6M - 4N	6M0-8-4	M6FEL1/4N	6	1/4
SFE i - 6M - 6N	6M0-8-6	M6FEL3/8N	6	3/8
SFE i - 6M - 8N	6M0-8-8	M6FEL1/2N	6	1/2
SFE i - 8M - 4N	8M0-8-4	M8FEL1/4N	8	1/4
SFE i - 8M - 8N	6M0-8-8	M8FEL1/2N	8	1/2
SFE i - 10M - 4N	10M0-8-4	M10FEL1/4N	10	1/4
SFE i - 10M - 6N	10M0-8-6	M10FEL3/8N	10	3/8
SFE i - 10M - 8N	10M0-8-8	M10FEL1/2N	10	1/2
SFE i - 12M - 6N	12M0-8-6	M12FEL3/8N	12	3/8
SFE i - 12M - 8N	12M0-8-8	M12FEL1/2N	12	1/2

* ISO Tapered Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SUT

Union Tee



Connects Fractional Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SUT - 1	100-3	1ET1	1/16	1.58
SUT - 2	200-3	2ET2	1/8	3.17
SUT - 3	300-3	3ET3	3/16	4.76
SUT i - 4	400-3	4ET4	1/4	6.35
SUT i - 5	500-3	5ET5	5/16	7.93
SUT i - 6	600-3	6ET6	3/8	9.52
SUT i - 8	810-3	8ET8	1/2	12.70
SUT i - 10	1010-3	10ET10	5/8	15.87
SUT i - 12	1210-3	12ET12	3/4	19.05
SUT i - 14	1410-3	14ET14	7/8	22.22
SUT i - 16	1610-3	16ET16	1	25.40
SUT - 20	2000-3	20ET20	1-1/4	31.75
SUT - 24	2400-3	24ET24	1-1/2	38.10
SUT - 32	3200-3	32ET32	2	50.80

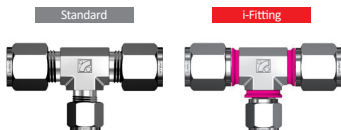
Connects Metric Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.
			(mm)
SUT - 2M	2M0-3	ETM2	2
SUT - 3M	3M0-3	ETM3	3
SUT - 4M	4M0-3	ETM4	4
SUT i - 6M	6M0-3	ETM6	6
SUT i - 8M	8M0-3	ETM8	8
SUT i - 10M	10M0-3	ETM10	10
SUT i - 12M	12M0-3	ETM12	12
SUT i - 15M	15M0-3	ETM15	15
SUT i - 16M	16M0-3	ETM16	16
SUT i - 18M	18M0-3	ETM18	18
SUT i - 20M	20M0-3	ETM20	20
SUT i - 22M	22M0-3	ETM22	22
SUT i - 25M	25M0-3	ETM25	25
SUT - 28M	28M0-3	ETM28	28
SUT - 30M	30M0-3	ETM30	30
SUT - 32M	32M0-3	ETM32	32
SUT - 38M	38M0-3	ETM38	38

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SRUT

Reducing
Union Tee

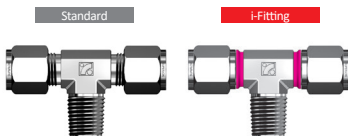


Connects Fractional Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Reduced O.D.	
			(in)	(mm)	(in)	(mm)
SRUT i - 6 - 4	600-3-6-4	6-6-4 JLZ	3/8	9.52	1/4	6.35
SRUT i - 8 - 4	810-3-8-4	8-8-4 JLZ	1/2	12.70	1/4	6.35
SRUT i - 8 - 6	810-3-8-6	8-8-6 JLZ	1/2	12.70	3/8	9.52
SRUT i - 10 - 6	1010-3-10-6	10-10-6 JLZ	5/8	15.87	3/8	9.52
SRUT i - 12 - 6	1210-3-12-6	12-12-6 JLZ	3/4	19.05	3/8	9.52
SRUT i - 12 - 8	1210-3-12-8	12-12-8 JLZ	3/4	19.05	1/2	12.70
SRUT i - 16 - 6	1610-3-16-6	16-16-6 JLZ	1	25.40	3/8	9.52
SRUT i - 16 - 8	1610-3-16-8	16-16-8 JLZ	1	25.40	1/2	12.70
SRUT i - 16 - 12	1610-3-16-12	16-16-12 JLZ	1	25.40	3/4	19.05

SMBT

Male
Branch Tee



Connects Fractional Tube To Female NPT Thread

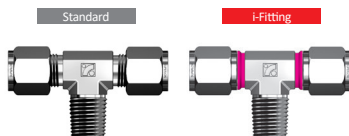
SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SMBT - 2 - 2N	200-3TTM	2MBT2N	1/8	3.17	1/8
SMBT - 2 - 4N	200-3-4TTM	2MBT4N	1/8	3.17	1/4
SMBT - 3 - 2N	300-3TTM	3MBT2N	3/16	4.76	1/8
SMBT i - 4 - 2N	400-3-2TTM	4MBT2N	1/4	6.35	1/8
SMBT i - 4 - 4N	400-3-4TTM	4MBT4N	1/4	6.35	1/4
SMBT i - 5 - 2N	500-3TTM	5MBT2N	5/16	7.93	1/8
SMBT i - 6 - 4N	600-3TTM	6MBT4N	3/8	9.52	1/4
SMBT i - 6 - 6N	600-3-6TTM	6MBT6N	3/8	9.52	3/8
SMBT i - 8 - 6N	810-3TTM	8MBT6N	1/2	12.70	3/8
SMBT i - 8 - 8N	810-3-8TTM	8MBT8N	1/2	12.70	1/2
SMBT i - 10 - 8N	1010-3TTM	10MBT8N	5/8	15.87	1/2
SMBT i - 12 - 12N	1210-3TTM	12MBT12N	3/4	19.05	3/4

* ISO Tapered Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SMBT

Male Branch Tee



Connects Metric Tube To Female ISO Tapered Thread

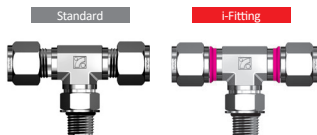
SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SMBT - 3M - 2R	-	-	3	1/8
SMBT - 3M - 4R	-	-	3	1/4
SMBT - 4M - 2R	-	-	4	1/8
SMBT i - 6M - 2R	-	-	6	1/8
SMBT i - 6M - 4R	-	-	6	1/4
SMBT i - 8M - 2R	-	-	8	1/8
SMBT i - 8M - 4R	-	-	8	1/4
SMBT i - 10M - 4R	-	-	10	1/4
SMBT i - 10M - 6R	-	-	10	3/8
SMBT i - 12M - 4R	-	-	12	1/4
SMBT i - 12M - 6R	-	-	12	3/8
SMBT i - 12M - 8R	-	-	12	1/2
SMBT i - 16M - 6R	-	-	16	3/8
SMBT i - 16M - 8R	-	-	16	1/2
SMBT i - 20M - 12R	-	-	20	3/4

* NPT Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SPMBT

Positionable Male Branch Tee



Connects Fractional Tube To Female ISO Tapered Thread

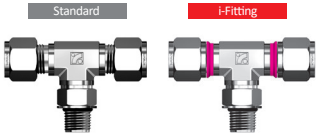
SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SPMBT i - 4 - 2G	400-3TTR	4MBT2R	1/4	6.35	1/8
SPMBT i - 4 - 4G	400-3-4TTR	4MBT4R	1/4	6.35	1/4
SPMBT i - 6 - 4G	600-3TTR	6MBT4R	3/8	9.52	1/4
SPMBT i - 8 - 6G	810-3TTR	8MBT6R	1/2	12.70	3/8
SPMBT i - 8 - 8G	810-3-8TTR	8MBT8R	1/2	12.70	1/2
SPMBT i - 10 - 8G	1010-3TTR	10MBT8R	5/8	15.87	1/2
SPMBT i - 12 - 8G	1210-3-8TTR	12MBT8R	3/4	19.05	1/2
SPMBT i - 12 - 12G	1210-3TTR	12MBT12R	3/4	19.05	3/4
SPMBT i - 16 - 16G	1610-3TTR	16MBT16R	1	25.40	1

Connects Metric Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SPMBT i - 6M - 2G	6M0-3TTR	-	6	1/8
SPMBT i - 6M - 4G	6M0-3-4TTR	-	6	1/4
SPMBT i - 8M - 2G	8M0-3TTR	-	8	1/8
SPMBT i - 8M - 4G	8M0-3-4TTR	-	8	1/4
SPMBT i - 10M - 4G	10M0-3TTR	-	10	1/4
SPMBT i - 10M - 6G	-	-	10	3/8
SPMBT i - 12M - 4G	-	-	12	1/4
SPMBT i - 12M - 6G	12M0-3TTR	-	12	3/8
SPMBT i - 12M - 8G	12M0-3-8TTR	-	12	1/2

For **i-Fitting** “i” is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SPMBT
Positionable
Male Branch Tee



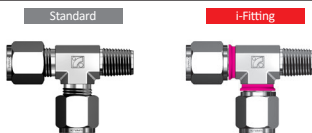
Connects Fractional Tube To SAE/MS Straight Thread Boss

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SPMBT i - 4 - 4U	400-3TTS	4M5BT4	1/4	6.35
SPMBT i - 6 - 6U	600-3TTS	6M5BT6	3/8	9.52
SPMBT i - 8 - 8U	810-3TTS	8M5BT8	1/2	12.70
SPMBT i - 12 - 12U	1210-3TTS	12M5BT12	3/4	19.05
SPMBT i - 16 - 16U	1610-3TTS	16M5BT16	1	25.40
SPMBT - 20 - 20U	2000-3TTS	20M5BT20	1-1/4	31.75
SPMBT - 24 - 24U	2400-3TTS	24M5BT24	1-1/2	38.10
SPMBT - 32 - 32U	3200-3TTS	32M5BT32	2	50.80

For **i-Fitting**® "i" is used as a suffix to the type designator of **SUPERLOK**® Tube Fittings.

SMRT

Male Run Tee



Connects Fractional Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SMRT - 2 - 2N	200-3TMT	2MRT2N	1/8	3.17	1/8
SMRT - 2 - 4N	200-3-4TMT	2MRT4N	1/8	3.17	1/4
SMRT - 3 - 2N	300-3TMT	3MRT2N	3/16	4.76	1/8
SMRT <i>i</i> - 4 - 2N	400-3TMT	4MRT2N	1/4	6.35	1/8
SMRT <i>i</i> - 4 - 4N	400-3-4TMT	4MRT4N	1/4	6.35	1/4
SMRT <i>i</i> - 5 - 2N	500-3TMT	5MRT2N	5/16	7.93	1/8
SMRT <i>i</i> - 6 - 4N	600-3TMT	6MRT4N	3/8	9.52	1/4
SMRT <i>i</i> - 6 - 6N	600-3-6TMT	6MRT6N	3/8	9.52	3/8
SMRT <i>i</i> - 8 - 6N	810-3TMT	8MRT6N	1/2	12.70	3/8
SMRT <i>i</i> - 8 - 8N	810-3-8TMT	8MRT8N	1/2	12.70	1/2
SMRT <i>i</i> - 10 - 8N	1010-3TMT	10MRT8N	5/8	15.87	1/2
SMRT <i>i</i> - 12 - 12N	1210-3TMT	12MRT12N	3/4	19.05	3/4

* ISO Tapered Threads are available upon request

Connects Metric Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SMRT - 3M - 2R	-	-	3	1/8
SMRT - 3M - 4R	-	-	3	1/4
SMRT - 4M - 2R	-	-	4	1/8
SMRT <i>i</i> - 6M - 2R	6M0-3TMT	-	6	1/8
SMRT <i>i</i> - 6M - 4R	6M0-3-4TMT	-	6	1/4
SMRT <i>i</i> - 8M - 2R	-	-	8	1/8
SMRT <i>i</i> - 8M - 4R	8M0-3-4TMT	-	8	1/4
SMRT <i>i</i> - 10M - 4R	-	-	10	1/4
SMRT <i>i</i> - 10M - 6R	-	-	10	3/8
SMRT <i>i</i> - 12M - 4R	12M0-3-4TMT	-	12	1/4
SMRT <i>i</i> - 12M - 6R	-	-	12	3/8
SMRT <i>i</i> - 12M - 8R	12M0-3-8TMT	-	12	1/2
SMRT <i>i</i> - 16M - 6R	-	-	16	3/8
SMRT <i>i</i> - 16M - 8R	16M0-3TMT	-	16	1/2
SMRT <i>i</i> - 20M - 12R	-	-	20	3/4

* NPT Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

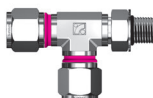
SPMRT

Positionable
Male Run Tee

Standard



i-Fitting



Connects Fractional Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SPMRT i - 4 - 2G	400-3TRT	4MRT2R	1/4	6.35	1/8
SPMRT i - 4 - 4G	400-3-4TRT	4MRT4R	1/4	6.35	1/4
SPMRT i - 6 - 4G	600-3TRT	6MRT4R	3/8	9.52	1/4
SPMRT i - 8 - 6G	810-3TRT	8MRT6R	1/4	6.35	3/8
SPMRT i - 8 - 8G	810-3-8TRT	8MRT8R	3/8	9.52	1/2
SPMRT i - 10 - 8G	1010-3TRT	10MRT8R	1/2	12.70	1/2
SPMRT i - 12 - 8G	1210-3-8TRT	12MRT8R	3/4	19.05	1/2
SPMRT i - 12 - 12G	1210-3TRT	12MRT12R	3/4	19.05	3/4
SPMRT i - 16 - 16G	1610-3TRT	16MRT16R	1	25.40	1

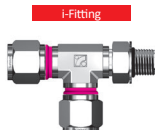
Connects Metric Tube To Female ISO Tapered Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SPMRT i - 6M - 2G	6M0-3TRT	-	6	1/8
SPMRT i - 6M - 4G	6M0-3-4TRT	-	6	1/4
SPMRT i - 8M - 2G	8M0-3TRT	-	8	1/8
SPMRT i - 8M - 4G	8M0-3-4TRT	-	8	1/4
SPMRT i - 10M - 4G	10M0-3TRT	-	10	1/4
SPMRT i - 12M - 6G	12M0-3TRT	-	10	3/8
SPMRT i - 12M - 8G	12M0-3-8TRT	-	12	1/2

For **i-Fitting®** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SPMRT

Positionable
Male Run Tee



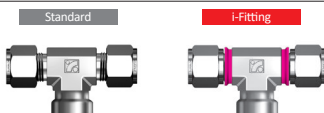
Connects Fractional Tube To SAE/MS Straight Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SPMRT i - 4 - 4U	400-3TST	4M5RT4	1/4	6.35
SPMRT i - 6 - 6U	600-3TST	6M5RT6	3/8	9.52
SPMRT i - 8 - 8U	810-3TST	8M5RT8	1/2	12.70
SPMRT i - 12 - 12U	1210-3TST	12M5RT12	3/4	19.05
SPMRT i - 16 - 16U	1610-3TST	16M5RT16	1	25.40
SPMRT - 20 - 20U	2000-3TST	20M5RT20	1-1/4	31.75
SPMRT - 24 - 24U	2400-3TST	24M5RT24	1-1/2	38.10
SPMRT - 32 - 32U	3200-3TST	32M5RT32	2	50.80

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SFBT

Female Branch Tee



Connects Fractional Tube To Male NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SFBT - 2 - 2N	200-3TTF	2FBT2N	1/8	3.17	1/8
SFBT i - 4 - 2N	400-3TTF	4FBT2N	1/4	6.35	1/8
SFBT i - 4 - 4N	400-3-4TTF	4FBT4N	1/4	6.35	1/4
SFBT i - 6 - 4N	600-3TTF	6FBT4N	3/8	9.52	1/4
SFBT i - 6 - 6N	600-3-6TTF	6FBT6N	3/8	9.52	3/8
SFBT i - 6 - 8N	600-3-8TTF	6FBT8N	3/8	9.52	1/2
SFBT i - 8 - 4N	810-3-4TTF	8FBT4N	1/2	12.70	1/4
SFBT i - 8 - 6N	810-3TTF	8FBT6N	1/2	12.70	3/8
SFBT i - 8 - 8N	810-3-8TTF	8FBT8N	1/2	12.70	1/2
SFBT i - 10 - 8N	1010-3TTF	10FBT8N	5/8	15.87	1/2
SFBT i - 12 - 12N	1210-3TTF	12FBT12N	3/4	19.05	3/4
SFBT i - 16 - 12N	1610-3-12TTF	16FBT12N	1	25.40	3/4
SFBT i - 16 - 16N	1610-3-16TTF	16FBT16N	1	25.40	1

Connects Metric Tube To Male NPT Thread

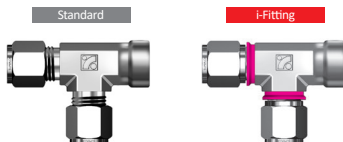
SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SFBT i - 6M - 2N	6M0-3TTF	M6FBT1/8N	6	1/8
SFBT i - 6M - 4N	6M0-3-4TTF	M6FBT1/4N	6	1/4
SFBT i - 6M - 6N	-	-	6	3/8
SFBT i - 6M - 8N	-	-	6	1/2
SFBT i - 8M - 2N	8M0-3TTF	M8FBT1/2N	8	1/8
SFBT i - 8M - 4N	8M0-3-4TTF	M8FBT1/4N	8	1/4
SFBT i - 8M - 6N	-	-	8	3/8
SFBT i - 8M - 8N	-	-	8	1/2
SFBT i - 10M - 4N	10M0-3TTF	M10FBT1/4N	10	1/4
SFBT i - 10M - 6N	-	-	10	3/8
SFBT i - 10M - 8N	-	-	10	1/2
SFBT i - 12M - 4N	12M0-3-4TTF	M12FBT1/4N	12	1/4
SFBT i - 12M - 6N	12M0-3TTF	M12FBT3/8N	12	3/8
SFBT i - 12M - 8N	12M0-3-8TTF	M12FBT1/2N	12	1/2
SFBT i - 16M - 8N	16M0-3TTF	M16FBT1/2N	16	1/2

* ISO Tapered Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SFRT

Female Run Tee



Connects Fractional Tube To Male NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SFRT - 2 - 2N	200-3TFT	2FRT2N	1/8	3.17	1/8
SFRT i - 4 - 2N	400-3TFT	4FRT2N	1/4	6.35	1/8
SFRT i - 4 - 4N	400-3-4TFT	4FRT4N	1/4	6.35	1/4
SFRT i - 6 - 4N	600-3TFT	6FRT4N	3/8	9.52	1/4
SFRT i - 8 - 6N	810-3TFT	8FRT6N	1/2	12.70	3/8
SFRT i - 8 - 8N	810-3-8TFT	8FRT8N	1/2	12.70	1/2
SFRT i - 12 - 12N	1210-3TFT	12FRT12N	3/4	19.05	3/4
SFRT i - 16 - 12N	1610-3-12TFT	16FRT12N	1	25.40	3/4
SFRT i - 16 - 16N	1610-3TFT	16FRT16N	1	25.40	1

Connects Metric Tube To Male NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SFRT i - 6M - 2N	6M0-3TFT	M6FRT1/8N	6	1/8
SFRT i - 6M - 4N	6M0-3-4TFT	M6FRT1/4N	6	1/4
SFRT i - 6M - 8N	-	-	6	1/2
SFRT i - 8M - 2N	8M0-3TFT	M8FRT1/8N	8	1/8
SFRT i - 8M - 4N	8M0-3-4TFT	M8FRT1/4N	8	1/4
SFRT i - 8M - 6N	-	-	8	3/8
SFRT i - 8M - 8N	-	-	8	1/2
SFRT i - 12M - 4N	12M0-3-4TFT	M12FRT1/4N	12	1/4
SFRT i - 12M - 6N	12M0-3TFT	M12FRT3/8N	12	3/8
SFRT i - 12M - 8N	12M0-3-8TFT	M12FRT1/2N	12	1/2
SFRT i - 16M - 8N	16M0-3TFT	M16FRT1/2N	16	1/2

* ISO Tapered Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SUC

Union Cross

Standard



i-Fitting



Connects Fractional Tubes

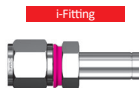
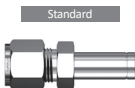
SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SUC - 1	100-4	1ECR1	1/16	1.58
SUC - 2	200-4	2ECR2	1/8	3.17
SUC - 3	300-4	3ECR3	3/16	4.76
SUC <i>i</i> - 4	400-4	4ECR4	1/4	6.35
SUC <i>i</i> - 5	500-4	5ECR5	5/16	7.93
SUC <i>i</i> - 6	600-4	6ECR6	3/8	9.52
SUC <i>i</i> - 8	810-4	8ECR8	1/2	12.70
SUC <i>i</i> - 10	1010-4	10ECR10	5/8	15.87
SUC <i>i</i> - 12	1210-4	12ECR12	3/4	19.05
SUC <i>i</i> - 14	1410-4	14ECR14	7/8	22.22
SUC <i>i</i> - 16	1610-4	16ECR16	1	25.40

Connects Metric Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.
			(mm)
SUC - 3M	3M0-4	ECRM3	3
SUC - 4M	4M0-4	ECRM4	4
SUC <i>i</i> - 6M	6M0-4	ECRM6	6
SUC <i>i</i> - 8M	8M0-4	ECRM8	8
SUC <i>i</i> - 10M	10M0-4	ECRM10	10
SUC <i>i</i> - 12M	12M0-4	ECRM12	12
SUC <i>i</i> - 15M	15M0-4	ECRM15	15
SUC <i>i</i> - 16M	16M0-4	ECRM16	16
SUC <i>i</i> - 18M	18M0-4	ECRM18	18
SUC <i>i</i> - 20M	20M0-4	ECRM20	20
SUC <i>i</i> - 22M	22M0-4	ECRM22	22
SUC <i>i</i> - 25M	25M0-4	ECRM25	25

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SR Reducer



Connects Fractional Tube To Fractional SUPERLOK Port

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Port O.D	
			(in)	(mm)	(in)	(mm)
SR - 2 - 1	200-R-1	1TUR2	1/8	3.17	1/16	1.58
SR - 2 - 2	200-R-2	2TUR2	1/8	3.17	1/8	3.17
SR - 2 - 3	200-R-3	3TUR2	1/8	3.17	3/16	4.76
SR - 2 - 4	200-R-4	4TUR2	1/8	3.17	1/4	6.35
SR - 2 - 6	200-R-6	6TUR2	1/8	3.17	3/8	9.52
SR - 2 - 8	200-R-8	8TUR2	1/8	3.17	1/2	12.70
SR - 3 - 2	300-R-2	2TUR3	3/16	4.76	1/8	3.17
SR - 3 - 4	300-R-4	4TUR3	3/16	4.76	1/4	6.35
SR <i>i</i> - 4 - 2	400-R-2	2TUR4	1/4	6.35	1/8	3.17
SR <i>i</i> - 4 - 3	400-R-3	3TUR4	1/4	6.35	3/16	4.76
SR <i>i</i> - 4 - 4	400-R-4	4TUR4	1/4	6.35	1/4	6.35
SR <i>i</i> - 4 - 5	400-R-5	5TUR4	1/4	6.35	5/16	7.93
SR <i>i</i> - 4 - 6	400-R-6	6TUR4	1/4	6.35	3/8	9.52
SR <i>i</i> - 4 - 8	400-R-8	8TUR4	1/4	6.35	1/2	12.70
SR <i>i</i> - 4 - 10	400-R-10	10TUR4	1/4	6.35	5/8	15.87
SR <i>i</i> - 4 - 12	400-R-12	12TUR4	1/4	6.35	3/4	19.05
SR <i>i</i> - 5 - 6	500-R-6	6TUR5	5/16	7.93	3/8	9.52
SR <i>i</i> - 5 - 8	500-R-8	8TUR5	5/16	7.93	1/2	12.70
SR <i>i</i> - 6 - 4	600-R-4	4TUR6	3/8	9.52	1/4	6.35
SR <i>i</i> - 6 - 6	600-R-6	6TUR6	3/8	9.52	3/8	9.52
SR <i>i</i> - 6 - 8	600-R-8	8TUR6	3/8	9.52	1/2	12.70
SR <i>i</i> - 6 - 10	600-R-10	10TUR6	3/8	9.52	5/8	15.87
SR <i>i</i> - 6 - 12	600-R-12	12TUR6	3/8	9.52	3/4	19.05
SR <i>i</i> - 8 - 4	810-R-4	4TUR8	1/2	12.70	1/4	6.35
SR <i>i</i> - 8 - 6	810-R-6	6TUR8	1/2	12.70	3/8	9.52
SR <i>i</i> - 8 - 8	810-R-8	8TUR8	1/2	12.70	1/2	12.70
SR <i>i</i> - 8 - 10	810-R-10	10TUR8	1/2	12.70	5/8	15.87
SR <i>i</i> - 8 - 12	810-R-12	12TUR8	1/2	12.70	3/4	19.05
SR <i>i</i> - 8 - 16	810-R-16	16TUR8	1/2	12.70	1	25.40
SR <i>i</i> - 10 - 12	1010-R-12	12TUR10	5/8	15.87	3/4	19.05
SR <i>i</i> - 10 - 14	1010-R-14	14TUR10	5/8	15.87	7/8	22.22
SR <i>i</i> - 10 - 16	1010-R-16	16TUR10	5/8	15.87	1	25.40
SR <i>i</i> - 12 - 8	1210-R-8	8TUR12	3/4	19.05	1/2	12.70
SR <i>i</i> - 12 - 16	1210-R-16	16TUR12	3/4	19.05	1	25.40

* Fractional Tube to Metric SUPERLOK port are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SR

Reducer



Connects Metric Tube To Metric SUPERLOK Port

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Port O.D. (mm)
SR - 3M - 4M	3M0-R-4M	M4TURM3	3	4
SR - 3M - 6M	3M0-R-6M	M6TURM3	3	6
SR - 3M - 10M	3M0-R-10M	M10TURM3	3	10
SR - 4M - 6M	4M0-R-6M	M6TURM4	4	6
SR <i>i</i> - 6M - 3M	6M0-R-3M	M3TURM6	6	3
SR <i>i</i> - 6M - 8M	6M0-R-8M	M8TURM6	6	8
SR <i>i</i> - 6M - 10M	6M0-R-10M	M10TURM6	6	10
SR <i>i</i> - 6M - 12M	6M0-R-12M	M12TURM6	6	12
SR <i>i</i> - 8M - 6M	8M0-R-6M	M6TURM8	8	6
SR <i>i</i> - 8M - 10M	8M0-R-10M	M10TURM8	8	10
SR <i>i</i> - 8M - 12M	8M0-R-12M	M12TURM8	8	12
SR <i>i</i> - 10M - 6M	10M0-R-6M	M6TURM10	10	6
SR <i>i</i> - 10M - 8M	10M0-R-8M	M8TURM10	10	8
SR <i>i</i> - 10M - 12M	10M0-R-12M	M12TURM10	10	12
SR <i>i</i> - 10M - 15M	10M0-R-15M	M15TURM10	10	15
SR <i>i</i> - 10M - 18M	10M0-R-18M	M18TURM10	10	18
SR <i>i</i> - 12M - 6M	12M0-R-6M	M6TURM12	12	6
SR <i>i</i> - 12M - 8M	12M0-R-8M	-	12	8
SR <i>i</i> - 12M - 10M	12M0-R-10M	M10TURM12	12	10
SR <i>i</i> - 12M - 16M	12M0-R-16M	M16TURM12	12	16
SR <i>i</i> - 12M - 18M	12M0-R-18M	M18TURM12	12	18
SR <i>i</i> - 12M - 20M	12M0-R-20M	M20TURM12	12	20
SR <i>i</i> - 12M - 22M	12M0-R-22M	M22TURM12	12	22
SR <i>i</i> - 12M - 25M	12M0-R-25M	M25TURM12	12	25
SR <i>i</i> - 16M - 12M	16M0-1-12M	M12TURM16	16	12
SR <i>i</i> - 18M - 12M	18M0-R-12M	M12TURM18	18	12
SR <i>i</i> - 18M - 16M	18M0-R-16M	M16TURM18	18	16
SR <i>i</i> - 18M - 20M	18M0-R-20M	M20TURM18	18	20
SR <i>i</i> - 18M - 22M	18M0-R-22M	M22TURM18	18	22
SR <i>i</i> - 18M - 25M	18M0-R-25M	M25TURM18	18	25
SR <i>i</i> - 20M - 16M	20M0-R-16M	M16TURM20	20	16
SR <i>i</i> - 20M - 18M	20M0-R-18M	M18TURM20	20	18

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SR Reducer



Connects Metric Tube To Metric SUPERLOK Port

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Port O.D (mm)
SR i - 20M - 22M	20M0-R-22M	M22TURM20	20	22
SR i - 20M - 25M	20M0-R-25M	M25TURM20	20	25
SR i - 22M - 18M	22M0-R-18M	M18TURM22	22	18
SR i - 22M - 20M	22M0-R-20M	M20TURM22	22	20
SR i - 22M - 25M	22M0-R-25M	M25TURM22	22	25
SR i - 25M - 18M	25M0-R-18M	M18TURM25	25	18
SR i - 25M - 20M	25M0-R-20M	M20TURM25	25	20

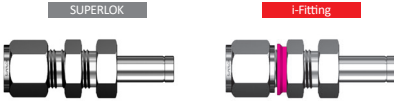
Connects Metric Tube To Fractional SUPERLOK Port

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Port O.D	
				(in)	(mm)
SR - 3M - 2	3M0-R-2	2TUCM3	3	1/8	3.17
SR - 3M - 4	3M0-R-4	4TUCM3	3	1/4	6.35
SR i - 6M - 4	6M0-R-4	4TUCM6	6	1/4	6.35
SR i - 6M - 5	6M0-R-5	5TUCM6	6	5/16	7.93
SR i - 6M - 6	6M0-R-6	6TUCM6	6	3/8	9.52
SR i - 6M - 8	6M0-R-8	8TUCM6	6	1/2	12.70
SR i - 8M - 6	8M0-R-6	6TUCM8	8	3/8	9.52
SR i - 8M - 8	8M0-R-8	8TUCM8	8	1/2	12.70
SR i - 10M - 6	10M0-R-6	6TUCM10	10	3/8	9.52
SR i - 10M - 8	10M0-R-8	8TUCM10	10	1/2	12.70
SR i - 12M - 8	12M0-R-8	8TUCM12	12	1/2	12.70
SR i - 12M - 12	12M0-R-12	12TUCM12	12	3/4	19.05
SR i - 18M - 12	18M0-R-12	12TUCM18	18	3/4	19.05
SR i - 18M - 16	18M0-R-16	16TUCM18	18	1	25.40

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SRB

Bulkhead
Reducer



Connects Fractional Tube To Fractional SUPERLOK Port

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SRB - 2 - 2	200-R1-2	2TUBC2	1/8	3.17
SRB i - 4 - 4	400-R1-4	4TUBC4	1/4	6.35
SRB i - 6 - 6	600-R1-6	6TUBC6	3/8	9.52
SRB i - 8 - 8	810-R1-8	8TUBC8	1/2	12.70
SRB i - 10 - 10	1010-R1-10	10TUBC10	5/8	15.87
SRB i - 12 - 12	1210-R1-12	12TUBC12	3/4	19.05
SRB i - 16 - 16	1610-R1-16	16TUBC16	1	25.40

SMA

Male Adapter



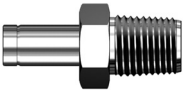
Connects Fractional SUPERLOK Port To Female NPT Thread

SUPERLOK Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SMA - 2 - 2N	2-TA-1-2	2MA2N	1/8	3.17	1/8
SMA - 2 - 4N	2-TA-1-4	2MA4N	1/8	3.17	1/4
SMA - 3 - 2N	3-TA-1-2	3MA2N	3/16	4.76	1/8
SMA - 3 - 4N	3-TA-1-4	3MA4N	3/16	4.76	1/4
SMA - 4 - 2N	4-TA-1-2	4MA2N	1/4	6.35	1/8
SMA - 4 - 4N	4-TA-1-4	4MA4N	1/4	6.35	1/4
SMA - 4 - 6N	4-TA-1-6	4MA6N	1/4	6.35	3/8
SMA - 4 - 8N	4-TA-1-8	4MA8N	1/4	6.35	1/2
SMA - 5 - 2N	5-TA-1-2	5MA2N	5/16	7.93	1/8
SMA - 5 - 4N	5-TA-1-4	5MA4N	5/16	7.93	1/4
SMA - 6 - 2N	6-TA-1-2	6MA2N	3/8	9.52	1/8
SMA - 6 - 4N	6-TA-1-4	6MA4N	3/8	9.52	1/4
SMA - 6 - 6N	6-TA-1-6	6MA6N	3/8	9.52	3/8
SMA - 6 - 8N	6-TA-1-8	6MA8N	3/8	9.52	1/2
SMA - 8 - 4N	8-TA-1-4	8MA4N	1/2	12.70	1/4
SMA - 8 - 6N	8-TA-1-6	8MA6N	1/2	12.70	3/8
SMA - 8 - 8N	8-TA-1-8	8MA8N	1/2	12.70	1/2
SMA - 10 - 6N	10-TA-1-6	10MA6N	5/8	15.87	3/8
SMA - 10 - 8N	10-TA-1-8	10MA8N	5/8	15.87	1/2
SMA - 10 - 12N	10-TA-1-12	10MA12N	5/8	15.87	3/4
SMA - 12 - 8N	12-TA-1-8	12MA8N	3/4	19.05	1/2
SMA - 12 - 12N	12-TA-1-12	12MA12N	3/4	19.05	3/4
SMA - 12 - 16N	12-TA-1-16	12MA16N	3/4	19.05	1
SMA - 14 - 12N	14-TA-1-12	14MA12N	7/8	22.22	3/4
SMA - 16 - 12N	16-TA-1-12	16MA12N	1	25.40	3/4
SMA - 16 - 16N	16-TA-1-16	16MA16N	1	25.40	1

* ISO Tapered Threads are available upon request

SMA

Male Adapter



Connects Metric SUPERLOK Port To Female NPT Thread

SUPERLOK Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SMA - 6M - 2N	6-MTA-1-2	M6MA1/8N	6	1/8
SMA - 6M - 4N	6-MTA-1-4	M6MA1/4N	6	1/4
SMA - 8M - 4N	8-MTA-1-4	M8MA1/4N	8	1/4
SMA - 10M - 4N	10-MTA-1-4	M10MA1/4N	10	1/4
SMA - 10M - 6N	10-MTA-1-6	M10MA3/8N	10	3/8
SMA - 10M - 8N	10-MTA-1-8	M10MA1/2N	10	1/2
SMA - 12M - 4N	12-MTA-1-4	M12MA1/4N	12	1/4
SMA - 12M - 8N	12-MTA-1-8	M12MA1/2N	12	1/2
SMA - 18M - 12N	18-MTA-1-12	M18MA3/4N	18	3/4

* ISO Tapered Threads are available upon request

SFA

Female Adapter



Connects Fractional SUPERLOK Port To Male NPT Thread

SUPERLOK Part No.	Cross Reference		Tube O.D.		Thread (in)
			D (in)	(mm)	
SFA - 2 - 2N	2-TA-7-2	2FA2N	1/8	3.17	1/8
SFA - 2 - 4N	2-TA-7-4	2FA4N	1/8	3.17	1/4
SFA - 3 - 2N	3-TA-7-2	3FA2N	3/16	4.76	1/8
SFA - 3 - 4N	3-TA-7-4	3FA4N	3/16	4.76	1/4
SFA - 4 - 2N	4-TA-7-2	4FA2N	1/4	6.35	1/8
SFA - 4 - 4N	4-TA-7-4	4FA4N	1/4	6.35	1/4
SFA - 4 - 6N	4-TA-7-6	4FA6N	1/4	6.35	3/8
SFA - 4 - 8N	4-TA-7-8	4FA8N	1/4	6.35	1/2
SFA - 5 - 2N	5-TA-7-2	5FA2N	5/16	7.93	1/8
SFA - 5 - 4N	5-TA-7-4	5FA4N	5/16	7.93	1/4
SFA - 6 - 2N	6-TA-7-2	6FA2N	3/8	9.52	1/8
SFA - 6 - 4N	6-TA-7-4	6FA4N	3/8	9.52	1/4
SFA - 6 - 6N	6-TA-7-6	6FA6N	3/8	9.52	3/8
SFA - 6 - 8N	6-TA-7-8	6FA8N	3/8	9.52	1/2
SFA - 8 - 4N	8-TA-7-4	8FA4N	1/2	12.70	1/4
SFA - 8 - 6N	8-TA-7-6	8FA6N	1/2	12.70	3/8
SFA - 8 - 8N	8-TA-7-8	8FA8N	1/2	12.70	1/2
SFA - 10 - 6N	10-TA-7-6	10FA6N	5/8	15.87	3/8
SFA - 10 - 8N	10-TA-7-8	10FA8N	5/8	15.87	1/2
SFA - 12 - 8N	12-TA-7-8	12FA8N	3/4	19.05	1/2
SFA - 12 - 12N	12-TA-7-12	12FA12N	3/4	19.05	3/4
SFA - 12 - 16N	12-TA-7-16	12FA16N	3/4	19.05	1
SFA - 14 - 12N	14-TA-7-12	14FA12N	7/8	22.22	3/4
SFA - 16 - 12N	16-TA-7-12	16FA12N	1	25.40	3/4
SFA - 16 - 16N	16-TA-7-16	16FA16N	1	25.40	1

* ISO Tapered Threads are available upon request

SFA

Female Adapter



Connects Metric SUPERLOK Port To Male NPT Thread

SUPERLOK Part No.	Cross Reference		Tube O.D. (mm)	Thread (in)
SFA - 3M - 2N	3-MTA-7-2	M3FA1/8N	3	1/8
SFA - 6M - 2N	6-MTA-7-2	M6FA1/8N	6	1/8
SFA - 6M - 4N	6-MTA-7-4	M6FA1/4N	6	1/4
SFA - 8M - 4N	8-MTA-7-4	M8FA1/4N	8	1/4
SFA - 10M - 4N	10-MTA-7-4	M10FA1/4N	10	1/4
SFA - 10M - 6N	10-MTA-7-6	M10FA3/8N	10	3/8
SFA - 10M - 8N	10-MTA-7-8	M10FA1/2N	10	1/2
SFA - 12M - 4N	12-MTA-7-4	M12FA1/4N	12	1/4
SFA - 12M - 6N	12-MTA-7-6	M12FA3/8N	12	3/8
SFA - 12M - 8N	12-MTA-7-8	M12FA1/2N	12	1/2
SFA - 18M - 12N	18-MTA-7-12	M18FA3/4N	18	3/4

* ISO Tapered Threads are available upon request

SPC

Port Connector



Connects Fractional SUPERLOK Ports

SUPERLOK Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SPC - 2	201-PC	2PC2	1/8	3.17
SPC - 4	401-PC	4PC4	1/4	6.35
SPC - 5	501-PC	5PC5	5/16	7.93
SPC - 6	601-PC	6PC6	3/8	9.52
SPC - 8	811-PC	8PC8	1/2	12.70
SPC - 12	1211-PC	12PC12	3/4	19.05
SPC - 16	1611-PC	16PC16	1	25.40

SPC

Port Connector

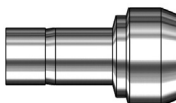


Connects Metric SUPERLOK Ports

SUPERLOK Part No.	Cross Reference		Tube O.D. (mm)
SPC - 3M	3M1-PC	PCM3	3
SPC - 6M	6M1-PC	PCM6	6
SPC - 8M	8M1-PC	PCM8	8
SPC - 10M	10M1-PC	PCM10	10
SPC - 12M	12M1-PC	PCM12	12
SPC - 16M	16M1-PC	PCM16	16

SRPC

Reducing Port Connector



Connects Fractional SUPERLOK Port To Male AN

SUPERLOK Part No.	Cross Reference		Tube O.D.		Reduced O.D.	
			(in)	(mm)	(in)	(mm)
SRPC - 2 - 1	201-PC-1	1PC2	1/8	3.17	1/16	1.58
SRPC - 4 - 1	401-PC-1	1PC4	1/4	6.35	1/16	1.58
SRPC - 4 - 2	401-PC-2	2PC4	1/4	6.35	1/8	3.17
SRPC - 6 - 2	601-PC-2	2PC6	3/8	9.52	1/8	3.17
SRPC - 6 - 4	601-PC-4	4PC6	3/8	9.52	1/4	6.35
SRPC - 8 - 4	811-PC-4	4PC8	1/2	12.70	1/4	6.35
SRPC - 8 - 6	811-PC-6	6PC8	1/2	12.70	3/8	9.52
SRPC - 12 - 8	1211-PC-8	8PC12	3/4	19.05	1/2	12.70
SRPC - 16 - 8	1611-PC-8	8PC16	1	25.40	1/2	12.70
SRPC - 16 - 12	1611-PC-12	12PC16	1	25.40	3/4	19.05

* ISO Tapered Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SFTC

Flange Lapped Tube Connector



Connects Fractional Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube Size (in)	Flange Seal
SFTC i - 4 - SM	-	4LJF-5	1/4±	SM
SFTC i - 4 - SR	-	4LJF-9	1/4	SR
SFTC i - 6 - SM	600-1-0151	6LJF-5	3/8	SM
SFTC i - 6 - SR	-	6LJF-9	3/8	SR
SFTC i - 8 - SM	-	8LJF-5	1/2	SM
SFTC i - 8 - SR	-	8LJF-9	1/2	SR

SAF

An Flare



Connects Fractional SUPERLOK Port To Male AN

SUPERLOK Part No.	Cross Reference		Tube O.D.		Flare End	
			(in)	(mm)	(in)	(mm)
SAF - 2 - 2U	200-A-2ANF	2X6TU2	1/8	3.17	1/8	3.17
SAF - 2 - 4U	200-A-4ANF	4X6TU2	1/8	3.17	1/4	6.35
SAF - 4 - 4U	400-A-4ANF	4X6TU4	1/4	6.35	1/4	6.35
SAF - 6 - 6U	600-A-6ANF	6X6TU6	3/8	9.52	3/8	9.52
SAF - 8 - 8U	810-A-8ANF	8X6TU8	1/2	12.70	1/2	12.70

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SAU

An Union

Standard



i-Fitting

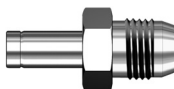


Connects Fractional Tube To An Flared Tube

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Flare End	
			(in)	(mm)	(in)	(mm)
SAU - 2 - 2U	200-6-2AN	2XASC2	1/8	3.17	1/8	3.17
SAU - 2 - 4U	200-6-4AN	4XASC2	1/8	3.17	1/4	6.35
SAU <i>i</i> - 4 - 4U	400-6-4AN	4XASC4	1/4	6.35	1/4	6.35
SAU <i>i</i> - 5 - 5U	500-6-5AN	5XASC5	5/16	7.93	5/16	7.93
SAU <i>i</i> - 6 - 4U	600-6-4AN	4XASC6	3/8	9.52	1/4	6.35
SAU <i>i</i> - 6 - 6U	600-6-6AN	6XASC6	3/8	9.52	3/8	9.52
SAU <i>i</i> - 8 - 8U	810-6-8AN	8XASC8	1/2	12.70	1/2	12.70
SAU <i>i</i> - 12 - 12U	1210-6-12AN	12XASC12	3/4	19.05	3/4	19.05
SAU <i>i</i> - 16 - 16U	1610-6-16AN	16XASC16	1	25.40	1	25.40

SAA

An Adapter



Connects Fractional SUPERLOK Port To AN Flared Tube

SUPERLOK Part No.	Cross Reference		Tube O.D.		Flare End	
			(in)	(mm)	(in)	(mm)
SAA - 4 - 4U	4-TA-1-4AN	-	1/4	6.35	1/4	6.35
SAA - 6 - 4U	6-TA-1-4AN	-	3/8	9.52	1/4	6.35
SAA - 6 - 6U	6-TA-1-6AN	-	3/8	9.52	3/8	9.52
SAA - 8 - 8U	8-TA-1-8AN	-	1/2	12.70	1/2	12.70
SAA - 12 - 12U	12-TA-1-12AN	-	3/4	19.05	3/4	19.05
SAA - 16 - 16U	16-TA-1-16AN	-	1	25.40	1	25.40

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SOSC

O-Seal Straight
Thread Connector

Standard



i-Fitting



Connects Fractional Tube To Female Straight Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SOSC - 2 - 2U	200-1-OR	2M2SC2	1/8	3.17	5/16-24
SOSC - 3 - 3U	300-1-OR	3M2SC3	3/16	4.76	3/8-24
SOSC <i>i</i> - 4 - 4U	400-1-OR	4M2SC4	1/4	6.35	7/16-20
SOSC <i>i</i> - 5 - 5U	500-1-OR	5M2SC5	5/16	7.93	1/2-20
SOSC <i>i</i> - 6 - 6U	600-1-OR	6M2SC6	3/8	9.52	9/16-18
SOSC <i>i</i> - 8 - 8U	810-1-OR	8M2SC8	1/2	12.70	3/4-16
SOSC <i>i</i> -12 - 12U	1210-1-OR	12M2SC12	3/4	19.05	1-1/16-12
SOSC <i>i</i> -16 - 16U	1610-1-OR	16M2SC16	1	25.40	1-5/16-12

SOPC

O-Seal Pipe
Thread Connector

Standard



i-Fitting



Connects Fractional Tube To Female NPT Thread

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SOPC - 2 - 2N	200-1-2-OR	2M3SC2	1/8	3.17	1/8
SOPC <i>i</i> - 4 - 2N	400-1-2-OR	4M3SC2	1/4	6.35	1/8
SOPC <i>i</i> - 4 - 4N	400-1-4-OR	4M3SC4	1/4	6.35	1/4
SOPC <i>i</i> - 6 - 4N	600-1-4-OR	6M3SC4	3/8	9.52	1/4
SOPC <i>i</i> - 6 - 6N	600-1-6-OR	6M3SC6	3/8	9.52	3/8
SOPC <i>i</i> - 6 - 8N	600-1-8-OR	6M3SC8	3/8	9.52	1/2
SOPC <i>i</i> - 8 - 8N	810-1-8-OR	8M3SC8	1/2	12.70	1/2

* ISO Tapered Threads are available upon request

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SSMC

SAE/MS

Male Connector

Standard



i-Fitting



Connects Fractional Tube To SAE/MS Straight Thread Boss

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Thread (in)
			(in)	(mm)	
SSMC - 2 - 2U	200-1-2ST	2M1SC2	1/8	3.17	5/16-24
SSMC <i>i</i> - 4 - 4U	400-1-4ST	4M1SC4	1/4	6.35	7/16-20
SSMC <i>i</i> - 4 - 6U	400-1-6ST	4M1SC6	1/4	6.35	9/16-18
SSMC <i>i</i> - 4 - 8U	400-1-8ST	4M1SC8	1/4	6.35	3/4-16
SSMC <i>i</i> - 4 - 10U	400-1-10ST	4M1SC10	1/4	6.35	7/8-14
SSMC <i>i</i> - 5 - 5U	500-1-5ST	5M1SC5	5/16	7.93	1/2-20
SSMC <i>i</i> - 6 - 4U	600-1-4ST	6M1SC4	3/8	9.52	7/16-20
SSMC <i>i</i> - 6 - 6U	600-1-6ST	6M1SC6	3/8	9.52	9/16-18
SSMC <i>i</i> - 6 - 8U	600-1-8ST	6M1SC8	3/8	9.52	3/4-16
SSMC <i>i</i> - 6 - 10U	600-1-10ST	6M1SC10	3/8	9.52	7/8-14
SSMC <i>i</i> - 8 - 6U	810-1-6ST	8M1SC6	1/2	12.70	9/16-18
SSMC <i>i</i> - 8 - 8U	810-1-8ST	8M1SC8	1/2	12.70	3/4-16
SSMC <i>i</i> - 8 - 10U	810-1-10ST	8M1SC10	1/2	12.70	7/8-14
SSMC <i>i</i> - 8 - 12U	810-1-12ST	8M1SC12	1/2	12.70	1-1/16-12
SSMC <i>i</i> - 10 - 8U	1010-1-8ST	10M1SC8	5/8	15.87	3/4-16
SSMC <i>i</i> - 10 - 10U	1010-1-10ST	10M1SC10	5/8	15.87	7/8-14
SSMC <i>i</i> - 12 - 8U	1210-1-8ST	12M1SC8	3/4	19.05	3/4-16
SSMC <i>i</i> - 12 - 12U	1210-1-12ST	12M1SC12	3/4	19.05	1-1/16-12
SSMC <i>i</i> - 14 - 14U	1410-1-14ST	14M1SC14	7/8	22.22	1-3/16-12
SSMC <i>i</i> - 16 - 12U	1610-1-12ST	16M1SC12	1	25.40	1-1/16-12
SSMC <i>i</i> - 16 - 16U	1610-1-16ST	16M1SC16	1	25.40	1-5/16-12

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SPWC

Male Pipe
Weld Connector



Connects Fractional Tube To Pipe

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Male Pipe	
			(in)	(mm)	Nom.	O.D.
SPWC - 2 - 2P	200-1-2W	2-1/8 ZHLW2	1/8	3.17	1/8	10.30
SPWC - 3 - 2P	300-1-2W	3-1/8 ZHLW2	3/16	4.76	1/8	10.30
SPWC i - 4 - 2P	400-1-2W	4-1/8 ZHLW2	1/4	6.35	1/8	10.30
SPWC i - 4 - 4P	400-1-4W	4-1/4 ZHLW2	1/4	6.35	1/4	13.70
SPWC i - 5 - 2P	500-1-2W	5-1/8 ZHLW2	5/16	7.93	1/8	10.30
SPWC i - 5 - 4P	500-1-4W	5-1/4 ZHLW2	5/16	7.93	1/4	13.70
SPWC i - 6 - 4P	600-1-4W	6-1/4 ZHLW2	3/8	9.52	1/4	13.70
SPWC i - 6 - 6P	600-1-6W	6-3/8 ZHLW2	3/8	9.52	3/8	17.10
SPWC i - 6 - 8P	600-1-8W	6-1/2 ZHLW2	3/8	9.52	1/2	21.30
SPWC i - 8 - 6P	810-1-6W	8-3/8 ZHLW2	1/2	12.70	3/8	17.10
SPWC i - 8 - 8P	810-1-8W	8-1/2 ZHLW2	1/2	12.70	1/2	21.30
SPWC i - 8 - 12P	810-1-12W	8-3/4 ZHLW2	1/2	12.70	3/4	26.67
SPWC i - 10 - 8P	1010-1-8W	10-1/2 ZHLW2	5/8	15.87	1/2	21.30
SPWC i - 12 - 12P	1210-1-12W	12-3/4 ZHLW2	3/4	19.05	3/4	26.67
SPWC i - 16 - 16P	1610-1-16W	16-1 ZHLW2	1	25.40	1	33.40

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK** Tube Fittings.

SPWC

Male Pipe
Weld Connector



Connects Metric Tube To Pipe

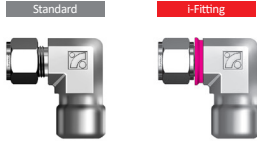
SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D. (mm)	Male Pipe	
				Nom.	O.D.
SPWC - 3M - 2P	3M0-1-2W	ZHLW2 3-1/8	3	1/8	10.3
SPWC - 4M - 2P	4M0-1-2W	ZHLW2 4-1/8	4	1/8	10.3
SPWC <i>i</i> - 6M - 2P	6M0-1-2W	ZHLW2 6-1/8	6	1/8	10.3
SPWC <i>i</i> - 6M - 4P	6M0-1-4W	ZHLW2 6-1/4	6	1/4	13.7
SPWC <i>i</i> - 8M - 2P	8M0-1-2W	ZHLW2 8-1/8	8	1/8	10.3
SPWC <i>i</i> - 8M - 4P	8M0-1-4W	ZHLW2 8-1/4	8	1/4	13.7
SPWC <i>i</i> - 8M - 8P	8M0-1-8W	ZHLW2 8-1/2	8	1/2	21.3
SPWC <i>i</i> - 10M - 4P	10M0-1-4W	ZHLW2 10-1/4	10	1/4	13.7
SPWC <i>i</i> - 10M - 6P	10M0-1-6W	ZHLW2 10-3/8	10	3/8	17.1
SPWC <i>i</i> - 10M - 8P	10M0-1-8W	ZHLW2 10-1/2	10	1/2	21.3
SPWC <i>i</i> - 12M - 4P	12M0-1-4W	ZHLW2 12-1/4	12	1/4	13.7
SPWC <i>i</i> - 12M - 6P	12M0-1-6W	ZHLW2 12-3/8	12	3/8	17.1
SPWC <i>i</i> - 12M - 8P	12M0-1-8W	ZHLW2 12-1/2	12	1/2	21.3
SPWC <i>i</i> - 15M - 8P	15M0-1-8W	ZHLW2 15-1/2	15	1/2	21.3
SPWC <i>i</i> - 16M - 8P	16M0-1-8W	ZHLW2 16-1/2	16	1/2	21.3
SPWC <i>i</i> - 18M - 8P	18M0-1-8W	ZHLW2 18-1/2	18	1/2	21.3

Note : SUPERLOK weld ends are constructed per schedule 80 wall thickness or greater.
Weld End : ANSI B31.1 and B31.3

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SMPWE

Male Pipe Weld Elbow



Connects Fractional Tube To Pipe

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.		Male Pipe	
			(in)	(mm)	Nom.	O.D.
SMPWE i - 4 - 4P	400-2-4W	4-1/4 ZELW2	1/4	6.35	1/4	13.70
SMPWE i - 6 - 4P	600-2-4W	6-1/4 ZELW2	3/8	9.52	1/4	13.70
SMPWE i - 6 - 6P	600-2-6W	6-3/8 ZELW2	3/8	9.52	3/8	17.10
SMPWE i - 8 - 8P	810-2-8W	8-1/2 ZELW2	1/2	12.70	1/2	21.30

SSWC

Socket Weld
Connector



Connects Fractional Tube To Pipe

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SSWC - 2	200-6-2W	2-2 ZHLW	1/8	3.17
SSWC i - 4	400-6-4W	4-4 ZHLW	1/4	6.35
SSWC i - 6	600-6-6W	6-6 ZHLW	3/8	9.52
SSWC i - 8	810-6-8W	8-8 ZHLW	1/2	12.70
SSWC i - 12	1210-6-12W	12-12 ZHLW	3/4	19.05
SSWC i - 16	1610-6-16W	16-16 ZHLW	1	25.40

For **i-Fitting** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

Standard
i-Fitting

SSWE

Socket Weld Elbow



Connects Fractional Tube To Pipe

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SSWE i - 4	400-9-4W	4-4 ZELW	1/4	6.35
SSWE i - 6	600-9-6W	6-6 ZELW	3/8	9.52
SSWE i - 8	810-9-8W	8-8 ZELW	1/2	12.70
SSWE i - 12	1210-9-12W	12-12 ZELW	3/4	19.05
SSWE i - 16	1610-9-16W	16-16 ZELW	1	25.40

SP

Plug



Fractional

SUPERLOK Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SP - 2	200-P	2BLP2	1/8	3.17
SP - 3	300-P	3BLP3	3/16	4.76
SP - 4	400-P	4BLP4	1/4	6.35
SP - 5	500-P	5BLP5	5/16	7.93
SP - 6	600-P	6BLP6	3/8	9.52
SP - 8	810-P	8BLP8	1/2	12.70
SP - 10	1010-P	10BLP10	5/8	15.87
SP - 12	1210-P	12BLP12	3/4	19.05
SP - 14	1410-P	14BLP14	7/8	22.22
SP - 16	1610-P	16BLP16	1	25.40

SP Plug



Metric

SUPERLOK Part No.	Cross Reference		Tube O.D. (mm)
SP - 2M	2M0-P	BLPM2	2
SP - 3M	3M0-P	BLPM3	3
SP - 4M	4M0-P	BLPM4	4
SP - 6M	6M0-P	BLPM6	6
SP - 8M	8M0-P	BLPM8	8
SP - 10M	10M0-P	BLPM10	10
SP - 12M	12M0-P	BLPM12	12
SP - 15M	15M0-P	BLPM15	15
SP - 16M	16M0-P	BLPM16	16
SP - 18M	18M0-P	BLPM18	18
SP - 20M	20M0-P	BLPM20	20
SP - 22M	22M0-P	BLPM22	22
SP - 25M	25M0-P	BLPM25	25

For **i-Fitting®** "i" is used as a suffix to the type designator of **SUPERLOK®** Tube Fittings.

SC Cap



Connects Caps End of Fractional Tubes

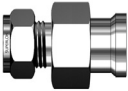
SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SC - 1	100-C	1BLEN1	1/16	1.58
SC - 2	200-C	2BLEN2	1/8	3.17
SC - 3	300-C	3BLEN3	3/16	4.76
SC i - 4	400-C	4BLEN4	1/4	6.35
SC i - 5	500-C	5BLEN5	5/16	7.93
SC i - 6	600-C	6BLEN6	3/8	9.52
SC i - 8	810-C	8BLEN8	1/2	12.70
SC i - 10	1010-C	10BLEN10	5/8	15.87
SC i - 12	1210-C	12BLEN12	3/4	19.05
SC i - 14	1410-C	14BLEN14	7/8	22.22
SC i - 16	1610-C	16BLEN16	1	25.40

Connects Metric Tubes

SUPERLOK / i-fitting Part No.	Cross Reference		Tube O.D.
			(mm)
SC - 2M	2M0-C	BLENM2	2
SC - 3M	3M0-C	BLENM3	3
SC - 4M	4M0-C	BLENM4	4
SC i - 6M	6M0-C	BLENM6	6
SC i - 8M	8M0-C	BLENM8	8
SC i - 10M	10M0-C	BLENM10	10
SC i - 12M	12M0-C	BLENM12	12
SC i - 15M	15M0-C	BLENM15	15
SC i - 16M	16M0-C	BLENM16	16
SC i - 18M	18M0-C	BLENM18	18
SC i - 20M	20M0-C	BLENM20	20
SC i - 22M	22M0-C	BLENM22	22
SC i - 25M	25M0-C	BLENM25	25

SSFA

Sanitary Flange Fitting



Connects Fractional Tube To Sanitary Flange

SUPERLOK Part No.	Cross Reference		Tube O.D. (in)	Sanitary Flange (in)
SSFA - 4 - 8SA	400-SC-8	4-8 ZHLS	1/4	1/2
SSFA - 4 - 12SA	400-SC-12	4-12 ZHLS	1/4	3/4
SSFA - 4 - 16SA	400-SC-16	4-16 ZHLS	1/4	1
SSFA - 4 - 24SA	400-SC-24	4-24 ZHLS	1/4	1-1/2
SSFA - 6 - 8SA	600-SC-8	6-8 ZHLS	3/8	1/2
SSFA - 6 - 12SA	600-SC-12	6-12 ZHLS	3/8	3/4
SSFA - 6 - 16SA	600-SC-16	6-16 ZHLS	3/8	1
SSFA - 6 - 24SA	600-SC-24	6-24 ZHLS	3/8	1-1/2
SSFA - 8 - 8SA	810-SC-8	8-8 ZHLS	1/2	1/2
SSFA - 8 - 12SA	810-SC-12	8-12 ZHLS	1/2	3/4
SSFA - 8 - 16SA	810-SC-16	8-16 ZHLS	1/2	1
SSFA - 8 - 24SA	810-SC-24	8-24 ZHLS	1/2	1-1/2
SSFA - 12 - 12SA	-	-	3/4	3/4
SSFA - 12 - 24SA	-	-	3/4	1-1/2
SSFA - 16 - 24SA	-	-	1	1-1/2

SN

Nut



Fractional

SUPERLOK Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SN - 1	102-1	1NU1	1/16	1.58
SN - 2	202-1	2NU2	1/8	3.17
SN - 3	302-1	3NU3	3/16	4.76
SN - 4	402-1	4NU4	1/4	6.35
SN - 5	502-1	5NU5	5/16	7.93
SN - 6	602-1	6NU6	3/8	9.52
SN - 8	812-1	8NU8	1/2	12.70
SN - 10	1012-1	10NU10	5/8	15.87
SN - 12	1212-1	12NU12	3/4	19.05
SN - 14	1412-1	14NU14	7/8	22.22
SN - 16	1612-1	16NU16	1	25.40

Metric

SUPERLOK Part No.	Cross Reference		Tube O.D.
			(mm)
SN - 2M	2M2-1	NUM2	2
SN - 3M	3M2-1	NUM3	3
SN - 4M	4M2-1	NUM4	4
SN - 6M	6M2-1	NUM6	6
SN - 8M	8M2-1	NUM8	8
SN - 10M	10M2-1	NUM10	10
SN - 12M	12M2-1	NUM12	12
SN - 14M	14M2-1	NUM14	14
SN - 15M	15M2-1	NUM15	15
SN - 16M	16M2-1	NUM16	16
SN - 18M	18M2-1	NUM18	18
SN - 20M	20M2-1	NUM20	20
SN - 22M	22M2-1	NUM22	22
SN - 25M	25M2-1	NUM25	25

SFF

Front Ferrule



Fractional

SUPERLOK Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SFF - 1	103-1	1FF1	1/16	1.58
SFF - 2	203-1	2FF2	1/8	3.17
SFF - 3	303-1	3FF3	3/16	4.76
SFF - 4	403-1	4FF4	1/4	6.35
SFF - 5	503-1	5FF5	5/16	7.93
SFF - 6	603-1	6FF6	3/8	9.52
SFF - 8	813-1	8FF8	1/2	12.70
SFF - 10	1013-1	10FF10	5/8	15.87
SFF - 12	1213-1	12FF12	3/4	19.05
SFF - 14	1413-1	14FF14	7/8	22.22
SFF - 16	1613-1	16FF16	1	25.40

Metric

SUPERLOK Part No.	Cross Reference		Tube O.D.
			(mm)
SFF - 2M	2M3-1	FFM2	2
SFF - 3M	3M3-1	FFM3	3
SFF - 4M	4M3-1	FFM4	4
SFF - 6M	6M3-1	FFM6	6
SFF - 8M	8M3-1	FFM8	8
SFF - 10M	10M3-1	FFM10	10
SFF - 12M	12M3-1	FFM12	12
SFF - 14M	14M3-1	FFM14	14
SFF - 15M	15M3-1	FFM15	15
SFF - 16M	16M3-1	FFM16	16
SFF - 18M	18M3-1	FFM18	18
SFF - 20M	20M3-1	FFM20	20
SFF - 22M	22M3-1	FFM22	22
SFF - 25M	25M3-1	FFM25	25

SBF

Back Ferrule



Fractional

SUPERLOK Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SBF - 1	104-1	1BF1	1/16	1.58
SBF - 2	204-1	2BF2	1/8	3.17
SBF - 3	304-1	3BF3	3/16	4.76
SBF - 4	404-1	4BF4	1/4	6.35
SBF - 5	504-1	5BF5	5/16	7.93
SBF - 6	604-1	6BF6	3/8	9.52
SBF - 8	814-1	8BF8	1/2	12.70
SBF - 10	1014-1	10BF10	5/8	15.87
SBF - 12	1214-1	12BF12	3/4	19.05
SBF - 14	1414-1	14BF14	7/8	22.22
SBF - 16	1614-1	16BF16	1	25.40

Metric

SUPERLOK Part No.	Cross Reference		Tube O.D. (mm)
SBF - 2M	2M4-1	BFM2	2
SBF - 3M	3M4-1	BFM3	3
SBF - 4M	4M4-1	BFM4	4
SBF - 6M	6M4-1	BFM6	6
SBF - 8M	8M4-1	BFM8	8
SBF - 10M	10M4-1	BFM10	10
SBF - 12M	12M4-1	BFM12	12
SBF - 14M	14M4-1	BFM14	14
SBF - 15M	15M4-1	BFM15	15
SBF - 16M	16M4-1	BFM16	16
SBF - 18M	18M4-1	BFM18	18
SBF - 20M	20M4-1	BFM20	20
SBF - 22M	22M4-1	BFM22	22
SBF - 25M	25M4-1	BFM25	25

SFS

Ferrule Set



Fractional

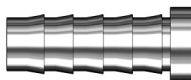
SUPERLOK Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SFS - 1	100-SET	1 ALOK-316-SET	1/16	1.58
SFS - 2	200-SET	2 ALOK-316-SET	1/8	3.17
SFS - 3	300-SET	3 ALOK-316-SET	3/16	4.76
SFS - 4	400-SET	4 ALOK-316-SET	1/4	6.35
SFS - 5	500-SET	5 ALOK-316-SET	5/16	7.93
SFS - 6	600-SET	6 ALOK-316-SET	3/8	9.52
SFS - 8	810-SET	8 ALOK-316-SET	1/2	12.70
SFS - 10	1010-SET	10 ALOK-316-SET	5/8	15.87
SFS - 12	1210-SET	12 ALOK-316-SET	3/4	19.05
SFS - 14	1410-SET	14 ALOK-316-SET	7/8	22.22
SFS - 16	1610-SET	16 ALOK-316-SET	1	25.40

Metric

SUPERLOK Part No.	Cross Reference		Tube O.D.
			(mm)
SFS - 2M	2M0-SET	M2 ALOK-316-SET	2
SFS - 3M	3M0-SET	M3 ALOK-316-SET	3
SFS - 4M	4M0-SET	M4 ALOK-316-SET	4
SFS - 6M	6M0-SET	M6 ALOK-316-SET	6
SFS - 8M	8M0-SET	M8 ALOK-316-SET	8
SFS - 10M	10M0-SET	M10 ALOK-316-SET	10
SFS - 12M	12M0-SET	M12 ALOK-316-SET	12
SFS - 15M	14M0-SET	M14 ALOK-316-SET	15
SFS - 16M	15M0-SET	M15 ALOK-316-SET	16
SFS - 18M	16M0-SET	M16 ALOK-316-SET	18
SFS - 20M	18M0-SET	M18 ALOK-316-SET	20
SFS - 22M	20M0-SET	M20 ALOK-316-SET	22
SFS - 25M	22M0-SET	M22 ALOK-316-SET	25
SN - 25M	25M0-SET	M25 ALOK-316-SET	25

SI

Insert



Fractional

SUPERLOK Part No.	Cross Reference		Tube O.D.	
			(in)	(mm)
SI - 3 - 2	305-2	3 TIZ .125	3/16	4.76
SI - 4 - 2	405-2	4 TIZ .125	1/4	6.35
SI - 4 - 3	405-3	4 TIZ .188	1/4	6.35
SI - 5 - 2	505-2	5 TIZ .125	5/16	7.93
SI - 5 - 3	505-3	5 TIZ .188	5/16	7.93
SI - 5 - 4	505-4	5 TIZ .250	5/16	7.93
SI - 6 - 3	605-3	6 TIZ .188	3/8	9.52
SI - 6 - 4	605-4	6 TIZ .250	3/8	9.52
SI - 8 - 4	815-4	8 TIZ .250	1/2	12.70
SI - 8 - 6	815-6	8 TIZ .375	1/2	12.70
SI - 10 - 6	1015-6	10 TIZ .375	5/8	15.87
SI - 10 - 8	1015-8	10 TIZ .500	5/8	15.87
SI - 12 - 8	1215-8	12 TIZ .500	3/4	19.05
SI - 12 - 10	1215-10	12 TIZ .625	3/4	19.05
SI - 16 - 12	1615-12	16 TIZ .750	1	25.40

SBHR

Bulkhead Retainer



SUPERLOK Part No.	Cross Reference		Body Hex
SBHR - 1	102-61F	-	5/16
SBHR - 2	202-61F	-	1/2
SBHR - 3 ①	302-61F	-	9/16
SBHR - 4 ②	402-61F	-	5/8
SBHR - 5	502-61F	-	11/16
SBHR - 6	602-61F	-	3/4
SBHR - 8 ③	812-61F	-	15/16
SBHR -10 ④	1012-61F	-	1-1/16
SBHR -12 ⑤	1212-61F	-	1-3/16
SBHR -14	1412-61F	-	1-5/16
SBHR -16	1612-61F	-	1-5/8
SBHR - 8M	8M2-61F	-	18mm
SBHR -10M	10M2-61F	-	22mm

① Can be used with 3mm and 4mm bulkheads

② Can be used with 6mm bulkheads

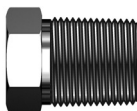
③ Can be used with 12mm bulkheads

④ Can be used with 15mm and 16mm bulkheads

⑤ Can be used with 18mm bulkheads

SVP

Vent Protector



SUPERLOK Part No.	Cross Reference		NPT Thread (in)
SVP - 4N	MD-4	4 MDF	1/4
SVP - 6N	MD-6	6 MDF	3/8
SVP - 8N	MD-8	8 MDF	1/2
SVP - 12N	MD-12	12 MDF	3/4

SPH

Push on Hose Fitting



Connects Fractional Tube To Hose

SUPERLOK Part No.	Cross Reference		Tube O.D. (in)	Hose (in)
SPH - 4 - 4S	-	4-4 P2LZ6	1/4	1/4
SPH - 6 - 6S	-	6-6 P2LZ6	3/8	3/8
SPH - 8 - 8S	-	8-8 P2LZ6	1/2	1/2
SPH - 12 - 12S	-	-	3/4	3/4
SPH - 16 - 16S	-	-	1	1

SPH

Push on Hose Fitting

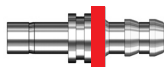


Connects Male NPT Thread To Hose

SUPERLOK Part No.	Cross Reference		Thread (in)	Hose (in)
SPH - 4 - 4N	-	4-4 P2HF	1/4	1/4
SPH - 6 - 6N	-	6-6 P2HF	3/8	3/8
SPH - 8 - 8N	-	8-8 P2HF	1/2	1/2
SPH - 12 - 12N	-	-	3/4	3/4
SPH - 16 - 16N	-	-	1	1

SPH

Push on Hose Fitting



Connects Fractional SUPERLOK Port To Hose

SUPERLOK Part No.	Cross Reference		Tube O.D. (in)	Hose (in)
SPH - 4 - 4T	-	4P2TU4	1/4	1/4
SPH - 6 - 6T	-	6P2TU6	3/8	3/8
SPH - 8 - 8T	-	8P2TU8	1/2	1/2
SPH - 12 - 12T	-	-	3/4	3/4
SPH - 16 - 16T	-	-	1	1

SHF

Hose Fitting



Connects Fractional Tube To Hose

SUPERLOK Part No.	Cross Reference		Tube O.D. (in)	Hose (in)
SHF - 2 - 2S	2-HC-1-200	-	1/8	1/8
SHF - 4 - 4S	4-HC-1-400	-	1/4	1/4
SHF - 6 - 6S	6-HC-1-600	-	3/8	3/8
SHF - 8 - 8S	8-HC-1-810	-	1/2	1/2

SHF

Hose Fitting



Connects Female NPT Thread To Hose

SUPERLOK Part No.	Cross Reference		Tube O.D. (in)	Hose (in)
SHF - 2 - 2N	2-HC-7-2	-	1/8	1/8
SHF - 4 - 4N	4-HC-7-4	-	1/4	1/4
SHF - 6 - 6N	6-HC-7-6	-	3/8	3/8
SHF - 8 - 8N	8-HC-7-8	-	1/2	1/2

SHF

Hose Fitting

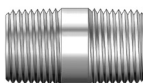


Connects Fractional SUPERLOK Port To Hose

SUPERLOK Part No.	Cross Reference		Tube O.D. (in)	Hose (in)
SHF - 4 - 4T	4-HC-A-401	-	1/4	1/4
SHF - 4 - 6T	4-HC-A-601	-	3/8	1/4
SHF - 6 - 4T	6-HC-A-401	-	1/4	3/8
SHF - 6 - 6T	6-HC-A-601	-	3/8	3/8
SHF - 6 - 8T	6-HC-A-811	-	1/2	3/8
SHF - 8 - 6T	8-HC-A-601	-	3/8	1/2
SHF - 8 - 8T	8-HC-A-811	-	1/2	1/2
SHF - 16 - 16T	16-C-HC-A-1611	-	1	1

ICN

Close Nipple



Male NPT Threads

Part No.	Pipe Size (in)
ICN - 2N	1/8
ICN - 4N	1/4
ICN - 6N	3/8
ICN - 8N	1/2
ICN - 12N	3/4
ICN - 16N	1

IHN

Hex Nipple

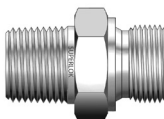


Male NPT Threads

Part No.	Pipe Size (in)
IHN - 2N	1/8
IHN - 4N	1/4
IHN - 6N	3/8
IHN - 8N	1/2
IHN - 12N	3/4
IHN - 16N	1

IHN

Hex Nipple



Male NPT To Male ISO Parallel Pipe Threads

Part No.	Pipe Size (in)	BSP / ISO Thread Size (in)
IHN - 2N - 2G	1/8	1/8
IHN - 4N - 4G	1/4	1/4
IHN - 6N - 6G	3/8	3/8
IHN - 8N - 8G	1/2	1/2
IHN - 12N - 12G	3/4	3/4
IHN - 16N - 16G	1	1

IHLN

Hex Long Nipple

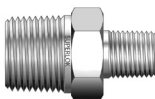


Male NPT Threads

Part No.	Pipe Size (in)
IHLN - 2N	1/8
IHLN - 4N	1/4
IHLN - 6N	3/8
IHLN - 8N	1/2
IHLN - 12N	3/4
IHLN - 16N	1

IHRN

Hex Reducing Nipple

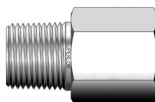


Male NPT Threads

Part No.	Pipe Size (in)	Reduced Pipe Size (in)
IHRN - 2N - 1N	1/8	1/16
IHRN - 4N - 2N	1/4	1/8
IHRN - 6N - 2N	3/8	1/8
IHRN - 6N - 4N	3/8	1/4
IHRN - 8N - 2N	1/2	1/8
IHRN - 8N - 4N	1/2	1/4
IHRN - 8N - 6N	1/2	3/8
IHRN -12N - 4N	3/4	1/4
IHRN -12N - 8N	3/4	1/2
IHRN -16N - 4N	1	1/4
IHRN -16N - 8N	1	1/2
IHRN -16N -12N	1	3/4

IA

Adapter



Male to Female NPT Threads

Part No.	Pipe Size (in)
IA - 2N	1/8
IA - 4N	1/4
IA - 6N	3/8
IA - 8N	1/2
IA - 12N	3/4
IA - 16N	1

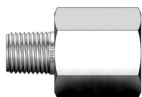
IA Adapter



Male ISO Parallel Pipe To Female NPT Threads

Part No.	Pipe Size (in)	BSP / ISO Thread Size (in)
IA - 2G - 2N	1/8	1/8
IA - 4G - 4N	1/4	1/4
IA - 6G - 6N	3/8	3/8
IA - 8G - 8N	1/2	1/2
IA - 12G - 12N	3/4	3/4
IA - 16G - 16N	1	1

IRA Reducing Adapter



Male to Female NPT Threads

Part No.	Male Pipe Size (in)	Female Pipe Size (in)
IRA - 2N - 4N	1/8	1/4
IRA - 2N - 6N	1/8	3/8
IRA - 4N - 6N	1/4	3/8
IRA - 2N - 8N	1/8	1/2
IRA - 4N - 8N	1/4	1/2
IRA - 6N - 8N	3/8	1/2
IRA - 4N - 12N	1/4	3/4
IRA - 6N - 12N	3/8	3/4
IRA - 8N - 12N	1/2	3/4
IRA - 4N - 16N	1/4	1
IRA - 8N - 16N	1/2	1
IRA - 12N - 16N	3/4	1

IRHB

Reducing Hex Bushing



Male To Female NPT Threads

Part No.	Male Pipe Size (in)	Female Pipe Size (in)
IRHB - 4N - 2N	1/4	1/8
IRHB - 6N - 2N	3/8	1/8
IRHB - 6N - 4N	3/8	1/4
IRHB - 8N - 2N	1/2	1/8
IRHB - 8N - 4N	1/2	1/4
IRHB - 8N - 6N	1/2	3/8
IRHB - 12N - 4N	3/4	1/4
IRHB - 12N - 6N	3/4	3/8
IRHB - 12N - 8N	3/4	1/2
IRHB - 16N - 4N	1	1/4
IRHB - 16N - 6N	1	3/8
IRHB - 16N - 8N	1	1/2
IRHB - 16N - 12N	1	3/4

IHC

Hex Coupling



Female NPT Threads

Part No.	Pipe Size (in)
IHC - 2N	1/8
IHC - 4N	1/4
IHC - 6N	3/8
IHC - 8N	1/2
IHC - 12N	3/4
IHC - 16N	1

IHRC

Hex Reducing Coupling



Female NPT Threads

Part No.	Pipe Size (in)	Reduced Pipe Size (in)
IHRC - 4N - 2N	1/4	1/8
IHRC - 6N - 4N	3/8	1/4
IHRC - 8N - 2N	1/2	1/8
IHRC - 8N - 4N	1/2	1/4
IHRC - 8N - 6N	1/2	3/8
IHRC - 12N - 4N	3/4	1/4
IHRC - 12N - 8N	3/4	1/2
IHRC - 16N - 8N	1	1/2
IHRC - 16N - 12N	1	3/4

IPG

ISO Parallel Gasket



ISO Parallel Copper Gaskets

Part No.	Pipe Size (in)
IPG - 2	1/8
IPG - 4	1/4
IPG - 6	3/8
IPG - 8	1/2
IPG - 12	3/4
IPG - 16	1

IPP

Pipe Plug



Female NPT Threads

Part No.	Pipe Size (in)
IPP - 2N	1/8
IPP - 4N	1/4
IPP - 6N	3/8
IPP - 8N	1/2
IPP - 12N	3/4
IPP - 16N	1

IPC

Pipe Cap



Female NPT Threads

Part No.	Pipe Size (in)
IPC - 2N	1/8
IPC - 4N	1/4
IPC - 6N	3/8
IPC - 8N	1/2
IPC - 12N	3/4
IPC - 16N	1

IFE

Female Elbow



Female NPT Threads

Part No.	Pipe Size (in)
IFE - 2N	1/8
IFE - 4N	1/4
IFE - 6N	3/8
IFE - 8N	1/2
IFE - 12N	3/4
IFE - 16N	1

ISE

Street Elbow



Female To Male NPT Threads

Part No.	Pipe Size (in)
ISE - 2N	1/8
ISE - 4N	1/4
ISE - 6N	3/8
ISE - 8N	1/2
ISE - 12N	3/4
ISE - 16N	1

IRSE

Reducing Street Elbow



Female To Male NPT Threads

Part No.	Female Pipe Size (in)	Male Pipe Size (in)
IRSE - 2N - 1N	1/8	1/16
IRSE - 4N - 2N	1/4	1/8
IRSE - 6N - 4N	3/8	1/4
IRSE - 8N - 4N	1/2	1/4
IRSE - 8N - 6N	1/2	3/8
IRSE - 12N - 8N	3/4	1/2
IRSE - 16N - 8N	1	1/2

IME

Male Elbow



Male NPT Threads

Part No.	Pipe Size (in)
IME - 2N	1/8
IME - 4N	1/4
IME - 6N	3/8
IME - 8N	1/2
IME - 12N	3/4
IME - 16N	1

IFT

Female Tee



Female NPT Threads

Part No.	Pipe Size (in)
IFT - 2N	1/8
IFT - 4N	1/4
IFT - 6N	3/8
IFT - 8N	1/2
IFT - 12N	3/4
IFT - 16N	1

IBT

Branch Tee



Male To Female NPT Threads

Part No.	Pipe Size (in)
IBT - 2N	1/8
IBT - 4N	1/4
IBT - 6N	3/8
IBT - 8N	1/2
IBT - 12N	3/4
IBT - 16N	1

IRT

Run Tee



Male To Female NPT Threads

Part No.	Pipe Size (in)
IRT - 2N	1/8
IRT - 4N	1/4
IRT - 6N	3/8
IRT - 8N	1/2
IRT - 12N	3/4
IRT - 16N	1

IMT

Male Tee

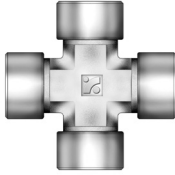


Male NPT Threads

Part No.	Pipe Size (in)
IMT - 2N	1/8
IMT - 4N	1/4
IMT - 6N	3/8
IMT - 8N	1/2
IMT - 12N	3/4
IMT - 16N	1

IFC

Female Cross



Female NPT Threads

Part No.	Pipe Size (in)
IFC - 2N	1/8
IFC - 4N	1/4
IFC - 6N	3/8
IFC - 8N	1/2
IFC - 12N	3/4
IFC - 16N	1

MEMO

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MEMO

[illegible]

MEMO

[illegible]

MEMO

[illegible]



**SUPERLOK
TUBE FITTINGS**



i-Fitting®



**BITE TYPE
TUBE FITTINGS**



**37° FLARED
FITTING**



THREAD FITTINGS



**HIGH PRESSURE
FITTINGS**



**O-RING FACE SEAL
FITTINGS**



**INSTRUMENT
BALL VALVES**



**KEY OPERATION
BALL VALVES**



**BALL VALVES TO
DIN STD**



**TRUNNION
BALL VALVES**



**SWING-OUT
BALL VALVES**



**HIGH PRESSURE
VALVES**



PLUG VALVES



MANIFOLD VALVES



NEEDLE VALVES



TOGGLE VALVES



CHECK VALVES



RELIEF VALVES



**EXCESS FLOW
VALVES**



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PURGE VALVES



**GAUGE ROOT
VALVES**



**BLOCK & BLEED
VALVES**



GLOBE VALVES



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VALVES**



TUBING



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CONNECTORS**



FILTERS



BMT Co., Ltd.

(50568) 경상남도 양산시 산막공단남11길 35 (북정동)
35, Sanmakgongdannam 11-gil, Yangsan-si,
Gyeongsangnam-do, 50568 South Korea

TEL: +82 55 783 1000 FAX: +82 55 783 1111

E-mai: superlok@superlok.com

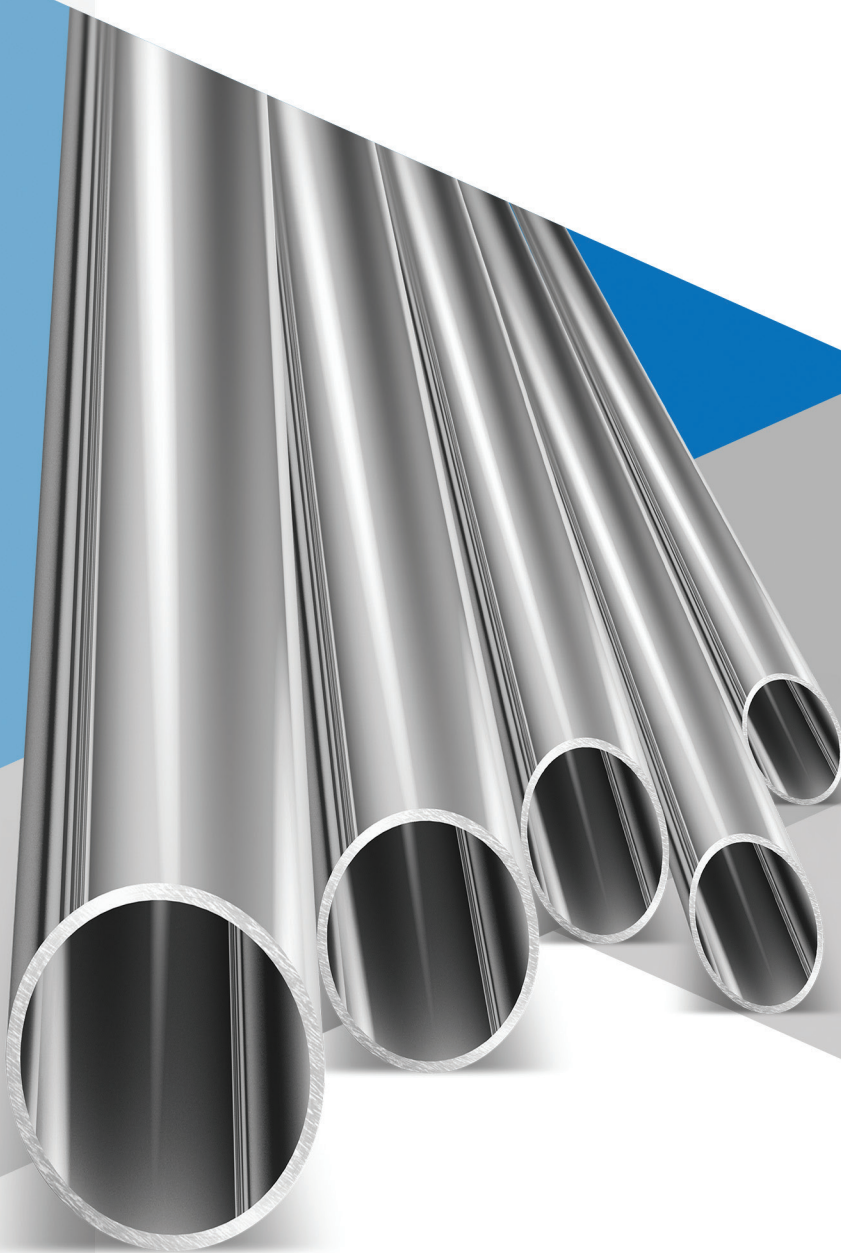
WEB: www.superlok.com

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BMT PRODUCT CATALOG

TUBING

Seamless Tubing & Pre-Insulated Tubing



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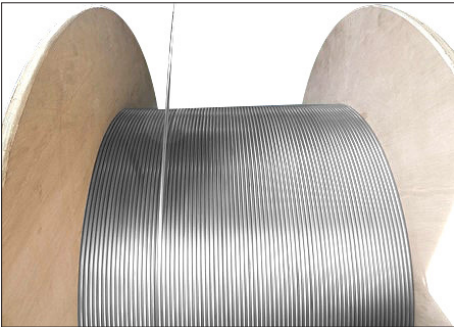
Head Quarter

(50568) 경상남도 양산시 산막공단남11길 35 (북정동)
35, Sanmakgongdannam 11-gil, Yangsan-si, Gyeongsangnam-do, 50568, South Korea
TEL: +82 55 783 1000 FAX: +82 55 783 1111
E-mail: superlok@superlok.com

Seamless Tubing

Seamless Coiled Tubing

- Available in length up to 7,477 feet (2,279meters) and weight up to 220 lbs. (100 kg).
- BA heat treated, superior internal surface quality
- Suitable for various applications requiring a higher level of reliability
- Meets or exceeds strict industry standards including Eddy Current Testing and ASTM.
- Reduces or eliminates fittings and orbital welds, reducing potential defects and failures.
- Long length coils increases productivity and reduces the time and cost of installation



Seamless Straight Tubing

- Applicable for various applications including petrochemical, semiconductor, automotive, instrumentation, shipbuilding, and offshore.
- BA heat treated for outstanding corrosion resistance in order to meet stricter and demanding requirements
- Excellent internal roughness due to state-of-art technology for processing and precision cleaning



Material Standards

Description	Standards	Description	Standards
304	ASTM TP304 / JIS SUS304 / EN 1.4301	Duplex *	ASTM 2205, 2507, 2304 / EN 1.4462, 1.4410, 1.4362, 1.4539
304L	ASTM TP304L / JIS SUS304L / EN 1.4306	Nikel 200 *	EN 2.4065
316	ASTM TP316 / JIS SUS316 / EN 1.4436, 1.4401	Monel 400	EN 2.4360
316L (2Mo/2.5Mo)	ASTM TP316L / JIS SUS316L / EN 1.4404, 1.4435	Inconel 600 *	EN 2.4816
316Ti	ASTM TP316Ti / EN 1.4571	Inconel 625	UNS N06625
317L	ASTM TP317L / JIS SUS 317L	Incoloy 825	UNS N08825
904L	ASTM 904L / EN 1.4539		

* Seamless Straight Tubing only

Chemical Composition

Description	Composition (wt. %)			
	Ni	Cr	Mo	Ti
TP316 (S31600)	10.0 to 14.0	16.0 to 18.0	2.0 to 3.0	-
TP316L (S31603)	10.0 to 15.0	16.0 to 18.0	2.0 to 3.0	-
TP304 (S30400)	8.0 to 11.0	18.0 to 20.0	-	-
TP304L (S30403)	8.0 to 12.0	18.0 to 20.0	-	-
TP316Ti (S31635)	10.0 to 14.0	16.0 to 18.0	2.0 to 3.0	min 0.7
TP317L (S31703)	11.0 to 15.0	18.0 to 20.0	3.0 to 4.0	-
TP904L (N08904)	23.0 to 28.0	19.0 to 23.0	4.0 to 5.0	-
Super Duplex (S32750)	6.0 to 8.0	24.0 to 26.0	3.0 to 4.5	-

Seamless Tubing

Standard Specifications

- Allowable working pressures are calculated from an S value of 20 000 psi (137.8 MPa) for ASTM A269/A213 TP304/304L tubing based on equations from ASME B31.1. Wall thickness tolerances are $\pm 10\%$.
- Length of Coiled Tubing is determined by our standard weight of tubing: 50kg for O.D up to 1/8in. or 3mm; and 100kg for O.D above 1/8 in. or 3mm. **Example:** 827m (= 100kg / 0.121kg) for 1/4" OD and 0.035" Wall Thickness 304L Tubing.

Fractional Sizes

Tube OD (in.)	Tube Wall (in.)	Y.S (psi, Min.)	T.S (psi, Min.)	E (%, Min.)	Hardness** (HRB, Max.)	Suggested Working Pressure (psi)						
						100°F (38°C)	200°F (93°C)	300°F (149°C)	400°F (204°C)	500°F (260°C)	600°F (316°C)	700°F (371°C)
1/16	0.020	30000	75000	35	90	13950	13950	13950	12950	12200	11550	11000
1/8	0.028	30000	75000	35	90	9450	9450	9450	8800	8250	7850	7450
3/16	0.035	30000	75000	35	90	7750	7750	7750	7200	6750	6400	6100
1/4	0.035	30000	75000	35	90	5600	5600	5600	5200	4900	4650	4400
	0.049	30000	75000	35	90	8150	8150	8150	7550	7100	6750	6400
5/16	0.035	30000	75000	35	90	4350	4350	4350	4050	3800	3600	3450
	0.049	30000	75000	35	90	6300	6300	6300	5850	5500	5250	5000
3/8	0.035	30000	75000	35	90	3600	3600	3600	3350	3150	2950	2800
	0.049	30000	75000	35	90	5150	5150	5150	4800	4500	4250	4050
1/2	0.350	30000	75000	35	90	2650	2650	2650	2450	2300	2200	2050
	0.049	30000	75000	35	90	3750	3750	3750	3500	3300	3100	2950
	0.065	30000	75000	35	90	5150	5150	5150	4750	4500	4250	4050
5/8	0.049	30000	75000	35	90	2950	2950	2950	2750	2600	2450	2350
	0.065	30000	75000	35	90	4000	4000	4000	3750	3500	3350	3150
7/8	0.049	30000	75000	35	90	2050	2050	2050	1900	1800	1700	1650
	0.065	30000	75000	35	90	2800	2800	2800	2600	2450	2300	2200
1	0.065	30000	75000	35	90	2450	2450	2450	2250	2100	2000	1900
	0.083	30000	75000	35	90	3150	3150	3150	2950	2750	2600	2500
1-1/4	0.065	30000	75000	35	90	1900	1900	1900	1800	1700	1600	1500
1-1/2	0.065	30000	75000	35	90	1600	1600	1600	1450	1400	1300	1250
2	0.065	30000	75000	35	90	1150	1150	1150	1100	1000	950	900

* Coiled Tubing is only available outside of the shaded areas.

** To select proper tubing for use with BMT (SUPERLOK) tube fittings, the tubing must be softer than the fitting material.

Metric Sizes

Tube OD (mm)	Tube Wall (mm)	Y.S (MPa, Min.)	T.S (MPa, Min.)	E (%, Min.)	Hardness** (HRB, Max.)	Suggested Working Pressure (bar)						
						100°F (38°C)	200°F (93°C)	300°F (149°C)	400°F (204°C)	500°F (260°C)	600°F (316°C)	700°F (371°C)
3	0.50	205	515	35	90	6818	6818	6818	6341	5966	5659	5386
4	1.00	205	515	35	90	10710	10710	10710	9960	9371	8889	8461
6	1.00	205	515	35	90	6818	6818	6818	6341	5966	5659	5386
8	1.00	205	515	35	90	4945	4945	4945	4599	4327	4104	3907
	1.50	205	515	35	90	7799	7799	7799	7253	6824	6473	6161
10	1.00	205	515	35	90	3879	3879	3879	3608	3394	3220	3065
	1.50	205	515	35	90	6054	6054	6054	5630	5297	5025	4783
14	1.00	205	515	35	90	2711	2711	2711	2521	2372	2250	2142
	2.00	205	515	35	90	5732	5732	5732	5331	5016	4758	4529
15	1.50	205	515	35	90	3879	3879	3879	3608	3394	3220	3065
16	1.50	205	515	35	90	3619	3619	3619	3366	3167	3004	2859
18	1.50	205	515	35	90	3191	3191	3191	2968	2793	2649	2521
20	1.50	205	515	35	90	2854	2854	2854	2654	2497	2369	2255
22	1.50	205	515	35	90	2581	2581	2581	2401	2259	2142	2039
25	1.20	205	515	35	90	1790	1790	1790	1665	1566	1486	1414
	1.50	205	515	35	90	2258	2258	2258	2099	1975	1874	1783
28	1.50	205	515	35	90	2006	2006	2006	1866	1755	1665	1585
30	1.50	205	515	35	90	1867	1867	1867	1737	1634	1550	1475
32	1.50	205	515	35	90	1746	1746	1746	1624	1528	1450	1380
34	1.50	205	515	35	90	1640	1640	1640	1526	1435	1361	1296
	1.65	205	515	35	90	1810	1810	1810	1684	1584	1503	1430

* Coiled Tubing is only available outside of the shaded areas.

** To select proper tubing for use with BMT (SUPERLOK) tube fittings, the tubing must be softer than the fitting material.

Seamless Tubing

Reference Specifications

- ASTM A213 : Standard Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes
- ASTM A262 : Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels
- ASTM A269 : Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
- ASTM A312 : Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes
- ASTM A370 : Standard Test Methods and Definitions for Mechanical Testing of Steel Products
- ASTM A450 : Standard Specification for General Requirements for Carbon and Low Alloy Steel Tubes
- ASTM A632 : Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service
- ASTM A789 : Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service
- NACE MR 0175 : Petroleum and natural gas industries - materials for use in H₂S - containing environments in oil and gas production
- DIN/EN 10204 : Metallic products - Types of inspection documents
- EN 10216-5 : Seamless steel tubes for pressure purpose - technical delivery conditions - part 5: Stainless steel tubes

Seamless Tubing Ordering Information

Example : **TUBE - 4 - 035 - 36L - 6ME**

1
2
3
4

1. Tube OD

Fractional	OD (Inch)	1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	7/8	1	1-1/4	1-1/2	2			
	Designator	1	2	3	4	5	6	8	10	14	16	20	24	32			
Metric	OD (mm)	3	4	6	8	10	14	15	16	18	20	22	25	28	32	34	
	Designator	3M	4M	6M	8M	10M	14M	15M	16M	18M	20M	22M	25M	28M	32M	34M	

* Coiled Tubing is only available outside of the shaded areas.

2. Tube Wall

Fractional	WT (in.)	0.020	0.028	0.035	0.049	0.065	0.083
	Designator	020	028	035	049	065	083
Metric	WT (mm)	0.50	1.00	1.50	2.00	1.20	1.65
	Designator	050M	100M	150M	200M	120M	165M

3. Material

- ☐ **(Blank)** = 316 Stainless Steel
- ☐ **36L** = 316L Stainless Steel
- ☐ **316Ti** = 316Ti
- ☐ **304** = 304
- ☐ **34L** = 304L
- ☐ **317L** = 317L
- ☐ **904L** = 904L
- ☐ **F51** = Duplex*
- ☐ **F53** = Super Duplex*
- ☐ **N200** = Nickel 200*
- ☐ **M40** = Monel 400
- ☐ **600** = Inconel 600*
- ☐ **625** = Inconel 625
- ☐ **825** = Incoloy 825

* Materials with an asterisk (*): Only available for straight tubing

4. Length

Applicable only to Straight Tubing. No Length Designator is required for Coiled Tubing

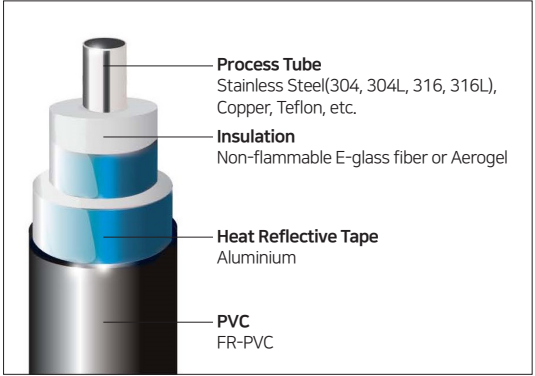
Length (ft.)	10	20		
Designator	10FT	20FT		
Length (Meter)	4	6	7.5	
Designator	4ME	6ME	7.5ME	

※ Any special sizes and configurations not mentioned in this publication, please consult BMT (SUPERLOK) sales representative for availability.

Pre-Insulated Tubing

Steam Trace

- Pre-traced and pre-insulated tubing bundles that provide alternatives to field insulating.
- Inorganic fiberglass material used and protected with a flexible heat-resistant PVC temperature of 140°F (60°C)
- Transfer fluids or gases up to 400°F (204°C) while maintaining an outer surface temperature of 140°F (60°C)
- Economical and highly efficient choice in a variety of applications, including heat supply, condensate return, cooling water, lubrication, refrigeration, and liquid nitrogen.
- 316/316L or 304/304L as standard tubing materials. Additional materials and specifications are available upon request.



Specifications

- Process Tube OD: 1/4 to 3/4 in. (Metric sizes available)
- Tube Material: Stainless steel, Copper, etc.
- Process Tubing Wall Thickness: 0.028 to 0.065 in.
- Maximum Process Tube Temperature: 400°F (204°C)
- Maximum Outer Jacket Temperature: 140°F (60°C)
- Installation Temperature: As low as -40°F (-40°C)

Steam Trace Ordering Information

Example : **PIT - 4 08 35 - A P N**

1
2
3
4

1. Process Tube Material

- ☐ 1 = Copper
- ☐ 2 = ERW316
- ☐ 3 = ERW316L
- ☐ 4 = ERW304
- ☐ 5 = ERW304L
- ☐ 6 = SML'S 316
- ☐ 7 = SML'S 316L
- ☐ 8 = SML'S 304
- ☐ 9 = SML'S 304L
- ☐ 10 = TEFLON

2. Process Tube Size (OD)

- ☐ 04 = 1/4"
- ☐ 06 = 3/8"
- ☐ 08 = 1/2"
- ☐ 10 = 5/8"
- ☐ 12 = 3/4"

3. Process Tube Wall Thickness

- ☐ 28 = 0.028"
- ☐ 30 = 0.030"
- ☐ 32 = 0.032"
- ☐ 35 = 0.035"
- ☐ 40 = 0.040"
- ☐ 47 = 0.047"
- ☐ 49 = 0.049"
- ☐ 65 = 0.065"

4. Jacket Color

- ☐ N = Black
- ☐ B = Blue
- ☐ G = Green
- ☐ Y = Yellow
- ☐ P = Purple
- ☐ R = Red
- ☐ W = White

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Pre-Insulated Tubing

Self Regulating Heat Trace

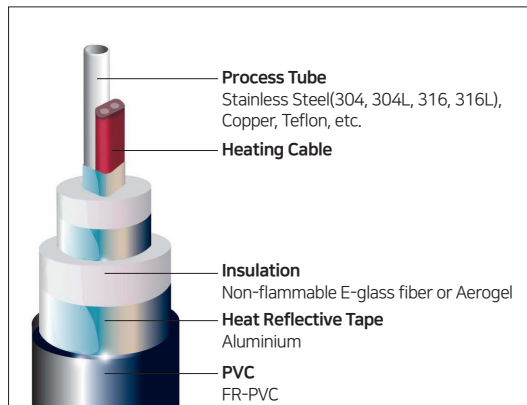
A simple and economical choice for freeze protection or temperature maintenance. The High-Temperature Tracer is engineered for high temperature maintenance, while Low-Temperature Tracer is ideally suited for low temperature maintenance.

High-Temperature Tracer

- Provides freeze protection and high temperature maintenance up to 250°F (121°C) withstanding steam blowdown.
- Process Temperature: up to 250°F (up to 121°C)
- Temperature Maintenance: up to 250°F (121°C)
- Maximum Exposure Temperature: 400°F (205°C)

Low-Temperature Tracer

- Cost-effective choice for freeze protection and low temperature maintenance.
- Process Temperature: up to 100°F (up to 38°C)
- Temperature Maintenance: up to 150°F (65°C)
- Maximum Exposure Temperature: 185°F (85°C)



Self Regulating Heat Trace Ordering Information

Example : **PIT - ET 4 08 35 - 52 - 1 04 35 - A P N**

1
2
3
4
5
6
7
8
9

1. Process Tube Material

- ☐ 1 = Copper
- ☐ 2 = ERW316
- ☐ 3 = ERW316L
- ☐ 4 = ERW304
- ☐ 5 = ERW304L
- ☐ 6 = SML'S 316
- ☐ 7 = SML'S 316L
- ☐ 8 = SML'S 304
- ☐ 9 = SML'S 304L
- ☐ 10 = TEFLON

2. Process Tube Size (OD)

- ☐ 04 = 1/4"
- ☐ 06 = 3/8"
- ☐ 08 = 1/2"
- ☐ 10 = 5/8"
- ☐ 12 = 3/4"

3. Process Tube Wall Thickness

- ☐ 28 = 0.028"
- ☐ 30 = 0.030"
- ☐ 32 = 0.032"
- ☐ 35 = 0.035"
- ☐ 40 = 0.040"
- ☐ 47 = 0.047"
- ☐ 49 = 0.049"
- ☐ 65 = 0.065"

4. Heating Cable Type

- ☐ 51 = 5XTV1-CT-T3
- ☐ 52 = 5XTV2-CT-T3
- ☐ 101 = 10XTV1-CT-T3
- ☐ 102 = 10XTV2-CT-T3
- ☐ 151 = 15XTV1-CT-T2
- ☐ 152 = 15XTV2-CT-T3
- ☐ 201 = 20XTV1-CT-T2
- ☐ 202 = 20XTV2-CT-T2

5. Tracer Tube Material

- ☐ 1 = Copper
- ☐ 2 = ERW316
- ☐ 3 = ERW316L
- ☐ 4 = ERW304
- ☐ 5 = ERW304L
- ☐ 6 = SML'S 316
- ☐ 7 = SML'S 316L
- ☐ 8 = SML'S 304
- ☐ 9 = SML'S 304L
- ☐ 10 = TEFLON

6. Tracer Tube Size (OD)

- ☐ 04 = 1/4"
- ☐ 06 = 3/8"
- ☐ 08 = 1/2"
- ☐ 10 = 5/8"
- ☐ 12 = 3/4"

7. Tracer Tube Wall Thickness

- ☐ 28 = 0.028"
- ☐ 30 = 0.030"
- ☐ 32 = 0.032"
- ☐ 35 = 0.035"
- ☐ 40 = 0.040"
- ☐ 47 = 0.047"
- ☐ 49 = 0.049"
- ☐ 65 = 0.065"

8. Number of Process Tubes

- ☐ A = 1 Tube
- ☐ B = 2 Tubes

9 Jacket Color

- ☐ N = Black
- ☐ B = Blue
- ☐ G = Green
- ☐ Y = Yellow
- ☐ P = Purple
- ☐ R = Red
- ☐ W = White

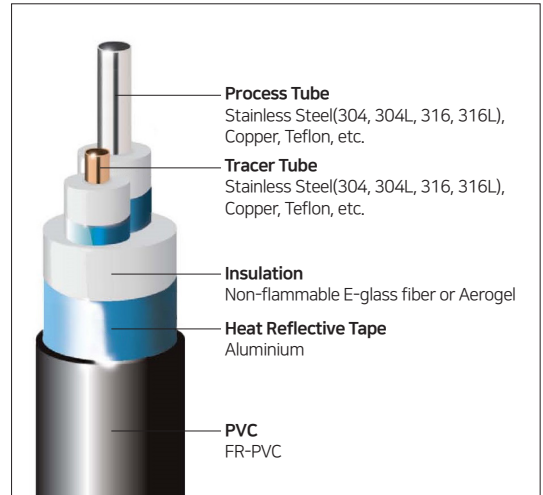
* Any special sizes and configurations not mentioned in this publication, please consult BMT (SUPERLOK) sales representative for availability.

Pre-Insulated Tubing

Light & Heavy Steam Trace

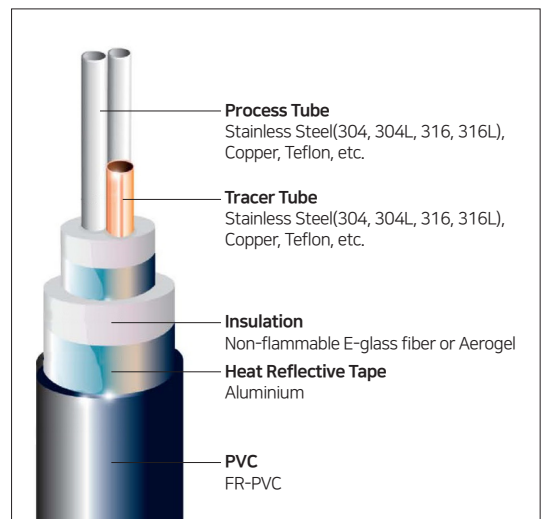
Light Steam Traced

- Consists of single or multiple process tubes insulated, a non-hygroscopic glass fiber insulation, and a flame-resistant jacket.
- Ideal for viscosity maintenance and freeze protection of simple instrument lines, chemical feed lines, and analyzer transport lines
- Tubing Material: Copper and Stainless Steel (304, 316L Seamless/Welded) as standard. Other materials available upon request.
- Insulation: Non-hygroscopic glass fiber for minimum heat loss
- Jacket: Flame-resistant PVC for excellent resistance to corrosion, water, oil, acid, alkali, and many chemicals.
- Maximum Exposure Temperature: 400°F (204°C)



Heavy Steam Traced

- Consists of single or multiple process tubes insulated, a non-hygroscopic glass fiber insulation, and a flame-resistant jacket.
- Ideal for use with high temperature steam to heat trace instrument lines when elevated temperatures are required, including pressure transmission applications and analyzer sample lines carrying heavy oils or distillates, gases or vapors.
- Tubing Material: Copper and Stainless Steel (304, 316L Seamless/Welded) as standard. Other materials available upon request.
- Insulation: Non-hygroscopic glass fiber for minimum heat loss
- Jacket: Flame-resistant PVC for excellent resistance to corrosion, water, oil, acid, alkali, and many chemicals.
- Maximum Exposure Temperature: 400°F (204°C)



Pre-Insulated Tubing

Light & Heavy Steam Trace Ordering Information

Example : **PIT - LT 4 08 35 - 1 04 35 - A P N**

1
2
3
4
5
6
7
8
9

1. Bundle Type

- ☐ **LT** = Light Steam
- ☐ **HT** = Heavy Steam

2. Process Tube Material

- ☐ **1** = Copper
- ☐ **2** = ERW316
- ☐ **3** = ERW316L
- ☐ **4** = ERW304
- ☐ **5** = ERW304L
- ☐ **6** = SML'S 316
- ☐ **7** = SML'S 316L
- ☐ **8** = SML'S 304
- ☐ **9** = SML'S 304L
- ☐ **10** = TEFLON

3. Process Tube Size (OD)

- ☐ **04** = 1/4"
- ☐ **06** = 3/8"
- ☐ **08** = 1/2"
- ☐ **10** = 5/8"
- ☐ **12** = 3/4"

4. Process Tube Wall Thickness

- ☐ **28** = 0.028"
- ☐ **30** = 0.030"
- ☐ **32** = 0.032"
- ☐ **35** = 0.035"
- ☐ **40** = 0.040"
- ☐ **47** = 0.047"
- ☐ **49** = 0.049"
- ☐ **65** = 0.065"

5. Tracer Tube Material

- ☐ **1** = Copper
- ☐ **2** = ERW316
- ☐ **3** = ERW316L
- ☐ **4** = ERW304
- ☐ **5** = ERW304L
- ☐ **6** = SML'S 316
- ☐ **7** = SML'S 316L
- ☐ **8** = SML'S 304
- ☐ **9** = SML'S 304L
- ☐ **10** = TEFLON

6. Tracer Tube Size (OD)

- ☐ **04** = 1/4"
- ☐ **06** = 3/8"
- ☐ **08** = 1/2"
- ☐ **10** = 5/8"
- ☐ **12** = 3/4"

7. Tracer Tube Wall Thickness

- ☐ **28** = 0.028"
- ☐ **30** = 0.030"
- ☐ **32** = 0.032"
- ☐ **35** = 0.035"
- ☐ **40** = 0.040"
- ☐ **47** = 0.047"
- ☐ **49** = 0.049"
- ☐ **65** = 0.065"

8. Number of Process Tubes

- ☐ **A** = 1 Tube
- ☐ **B** = 2 Tubes
- ☐ **C** = 3 Tubes

9. Jacket Color

- ☐ **N** = Black
- ☐ **B** = Blue
- ☐ **G** = Green
- ☐ **Y** = Yellow
- ☐ **P** = Purple
- ☐ **R** = Red
- ☐ **W** = White

※ Any special sizes and configurations not mentioned in this publication, please consult BMT (SUPERLOK) sales representative for availability.