

316 Stainless Steel



316 STAINLESS STEEL

316 Stainless Steel has a superior level of corrosion resistance, specifically in harsh environments. This makes it the perfect match for high-temperature environments.

HCSS SERIES



HCSS Series is a Bar stock Hex Socket Plug made of 304 or 316 Stainless Steel. It can be used with air, water, oil, natural gas or steam. Also, the maximum pressure is 300 psi at 72° F or 150 psi at 366 ° F for steam.

SKU	DESCRIPTION
HCSS-1M	1/16 MNPT Socket Plug
HCSS-2M	1/8 MNPT Socket Plug
HCSS-4M	1/4 MNPT Socket Plug
HCSS-6M	3/8 MNPT Socket Plug
HCSS-8M	1/2 MNPT Socket Plug

CRV SERIES - CARTRIDGE INSERT VALVES



These Cartridge Insert Valves can be installed into tubing lines or glued into manifolds. The optional housing materials are Nylon, Polypropylene, Acrylic, Acetal, PVDF, and Polycarbonate. Springs are 316 Stainless Steel or Hastelloy® (1/2 psi). O-Rings are of Buna-N, EPDM, FKM, Silicone and Kalrez. Available sizes are 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4" OD. Standard crack pressure for all valves except 3/4" OD is 3" H₂O 0.1 psi, 5 psi, or 1.5 psi.

SKU	DESCRIPTION
CRV-12-11-PPB	1/2" Polypropylene / Buna Seals 11 psi Insert Valve
CRV-14-10PPE	1/4" Polypropylene / EPDM 10 psi Insert Valve
CRV-14-3-PPE	1/4" Polypropylene / EPDM 3 psi Insert Valve
CRV-14-PB-.5	1/4" Polypropylene / Buna .5 psi Insert Valve
CRV-14-PB-1	1/4" Polypropylene / Buna 1 psi Insert Valve
CRV-14-PB-1.5	1/4" Polypropylene / Buna 1.5 psi Insert Valve
CRV-14-PB-2	1/4" Polypropylene / Buna 2 psi Insert Valve
CRV-14-PE-.1	1/4" Polypropylene / EPDM .1 psi Insert Valve
CRV-14-PV-.1	1/4" Polypropylene / FKM .1 psi Insert Valve
CRV-14-PV-.5	1/4" Polypropylene / FKM .5 psi Insert Valve

SKU	DESCRIPTION
CRV-14-PV-1	1/4" Polypropylene / FKM 1 psi Insert Valve
CRV-14-PV-10	1/4" Polypropylene / FKM 10 psi Insert Valve
CRV-14-PV-2	1/4" Polypropylene / FKM 2 psi Insert Valve
CRV-14-PV-5	1/4" Polypropylene / FKM 5 psi Insert Valve
CRV-38-2-PPV	3/8" Polypropylene / FKM 2 psi Insert Valve
CRV-38-PB-7.5 WC	3/8" Polypropylene / Buna 7.5 WC Insert Valve
CRV-38-PPB-1	3/8" Polypropylene / Buna 1 psi Insert Valve
CRV4-1/10-NB	1/4" 1/10 Nylon / Buna Insert Valve
CRV4-1/2H-PPV	1/4" 1/2# Hastelloy® Polypropylene / FKM O-Ring Insert Valve
CRV4-10PPE	1/4" 10# Polypropylene / EPDM Insert Valve
CRV4-4PPB	1/4" 4# Polypropylene / Buna Insert Valve
CRV-4-P-V-.5	1/4" Polypropylene / FKM .50 psi Insert Valve
CRV-4-P-V-1	1/4" Polypropylene / FKM 1 psi Insert Valve
CRV-4-PV-6WC	1/4" Polypropylene / FKM 6 inch WC Insert Valve
CRV-4-WP-V-.25	1/4" Polypropylene / FKM .25 psi Insert Valve
CRV-4-WP-V-.5	1/4" Polypropylene / FKM .50 psi Insert Valve
CRV532-14PC	5/32" 14# Polycarbonate Insert Valve
CRV-532-2.5PC	5/32" 2.5# Polycarbonate Insert Valve
CRV-532-2PC	5/32" 2# Polycarbonate Insert Valve
CRV532-4 P	5/32" 4# Polycarbonate Insert Valve

LS-T & LS-TR SERIES



LS-T & LS-TR Series is a 316 Stainless Steel Tee connector with equal and reducing barbs.

SKU	DESCRIPTION
LS-T-532B	5/32 Barb Tee 316 Stainless Steel
LS-T-3B	3/16 Barb Tee 316 Stainless Steel
LS-T-4B	1/4 Barb Tee 316 Stainless Steel
LS-T-5B	5/16 Barb Tee 316 Stainless Steel
LS-T-6B	3/8 Barb Tee 316 Stainless Steel
LS-T-8B	1/2 Barb Tee 316 Stainless Steel
LS-T-10B	5/8 Barb Tee 316 Stainless Steel
LS-T-12B	3/4 Barb Tee 316 Stainless Steel
LS-TR-6B5B	3/8 Barb by 5/16 Barb Reducing Tee 316 Stainless Steel

SKU	DESCRIPTION
LS-TR-8B5B	1/2 Barb by 5/16 Barb Reducing Tee 316 Stainless Steel
LS-TR-10B5B	5/8 Barb by 5/16 Barb Reducing Tee 316 Stainless Steel



TCM SERIES

TCM Series are Straight Connectors made of 316 Stainless Steel. One end is smooth for easy attachment of tubing and the other has male threads below a hex nut for tightening. Also, it has a working pressure of 290 psi and a temperature range of -4° F to 302° F. The sterilization temperature is up to 280° F. The O-Ring is Viton®. BSPT is also available.

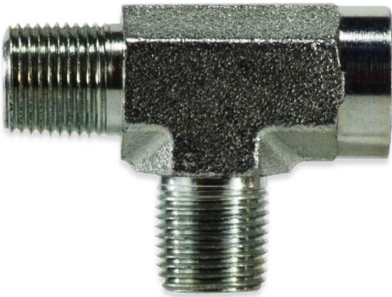
SKU	DESCRIPTION
TCM-10-532P-SS	10-32 UNF Male by 5/32 OD 316 Stainless Steel Push-to-Connect
TCM-2M-14P-SS	1/8 MNPT by 1/4 OD 316 Stainless Steel Push-to-Connect
TCM-2M-316P-SS	1/8 MNPT by 3/16 OD 316 Stainless Steel Push-to-Connect
TCM-2M-516P-SS	1/8 MNPT by 5/16 OD 316 Stainless Steel Push-to-Connect
TCM-2M-532P-SS	1/8 MNPT by 5/32 OD 316 Stainless Steel Push-to-Connect
TCM-4M-316P-SS	1/4 MNPT by 3/16 OD 316 Stainless Steel Push-to-Connect
TCM-4M-4P-SS	1/4 MNPT by 1/4 OD 316 Stainless Steel Push-to-Connect
TCM-4M-5P-SS	1/4 MNPT by 5/16 OD 316 Stainless Steel Push-to-Connect
TCM-4M-6P-SS	1/4 MNPT by 3/8 OD 316 Stainless Steel Push-to-Connect
TCM-4M-8P-SS	1/4 MNPT by 1/2 OD 316 Stainless Steel Push-to-Connect
TCM-6M-6P-SS	3/8 MNPT by 3/8 OD 316 Stainless Steel Push-to-Connect
TCM-6M-8P-SS	3/8 MNPT by 1/2 OD 316 Stainless Steel Push-to-Connect
TCM-8M-6P-SS	1/2 MNPT by 3/8 OD 316 Stainless Steel Push-to-Connect
TCM-8M-8P-SS	1/2 MNPT by 1/2 OD 316 Stainless Steel Push-to-Connect



SSCX SERIES

SSCX Series is a Stainless Steel Cross with equal female NPT threads. It is available in both 304 and 316.

SKU	DESCRIPTION
SSCX-2F	1/8 inch Female Cross 304 only
SSCX-4F	1/4 inch Female Cross
SSCX-6F	3/8 inch Female Cross
SSCX-8F	1/2 inch Female Cross
SSCX-12F	3/4 inch Female Cross
SSCX-16F	1 inch Female Cross
SSCX-20F	1-1/4 inch Female Cross
SSCX-24F	1-1/2 inch Female Cross
SSCX-32F	2 inch Female Cross



FTRSS SERIES

The FTRSS Series is a 316 Stainless Steel female run Tee with equal NPT threads.



SST SERIES

The SST Series is a 304 and 316 Stainless Steel female Tee with equal NPT threads.

SKU	DESCRIPTION
SST-2F	1/8 Female Tee
SST-4F	1/4 Female Tee
SST-6F	3/8 Female Tee
SST-8F	1/2 Female Tee
SST-12F	3/4 Female Tee
SST-16F	1 inch Female Tee
SST-20F	1-1/4 inch Female Tee
SST-24F	1-1/2 inch Female Tee
SST-32F	2 inch Female Tee



SSFX SERIES

The SSFX Series is a Stainless Steel union with female NPT threads. It is available in both 304 and 316.

SKU	DESCRIPTION
SSFX-2	1/8 FNPT Union
SSFX-4	1/4 FNPT Union
SSFX-6	3/8 FNPT Union
SSFX-8	1/2 FNPT Union
SSFX-12	3/4 FNPT Union
SSFX-16	1 inch FNPT Union
SSFX-20	1-1/4 inch FNPT Union
SSFX-24	1-1/2 inch FNPT Union
SSFX-32	2 inch FNPT Union



SSTE SERIES

The SSTE Series is a 304 Stainless Steel male NPT to female NPT 90° Street Elbow. Also available in 316 Stainless.

SKU	DESCRIPTION
SSTE-2F	1/8 FNPT to MNPT 90° Elbow
SSTE-4F	1/4 FNPT to MNPT 90° Elbow
SSTE-6F	3/8 FNPT to MNPT 90° Elbow
SSTE-8F	1/2 FNPT to MNPT 90° Elbow
SSTE-12F	3/4 FNPT to MNPT 90° Elbow
SSTE-16F	1 inch FNPT to MNPT 90° Elbow
SSTE-20F	1-1/4 inch FNPT to MNPT 90° Elbow
SSTE-24F	1-1/2 inch FNPT to MNPT 90° Elbow
SSTE-32F	2 inch FNPT to MNPT 90° Elbow



SSRC SERIES

The SSRC Series is a 304 Stainless Steel NPT threaded connector and reducing connector. It is also available in 316 Stainless Steel.

SKU	DESCRIPTION
SSRC-8	1/2 FNPT Connector
SSRC-12	3/4 FNPT Connector
SSRC-16	1 inch FNPT Connector
SSRC-24	1-1/2 inch FNPT Connector
SSRC-32	2 inch FNPT Connector
SSRC-4-2	1/4 FNPT by 1/8 FNPT Reducer
SSRC-6-2	3/8 FNPT by 1/8 FNPT Reducer
SSRC-6-4	3/8 FNPT by 1/4 FNPT Reducer
SSRC-8-2	1/2 FNPT by 1/8 FNPT Reducer

SKU	DESCRIPTION
SSRC-8-4	1/2 FNPT by 1/4 FNPT Reducer
SSRC-8-6	1/2 FNPT by 3/8 FNPT Reducer
SSRC-12-2	3/4 FNPT by 1/8 FNPT Reducer
SSRC-12-4	3/4 FNPT by 1/4 FNPT Reducer
SSRC-12-6	3/4 FNPT by 3/8 FNPT Reducer
SSRC-12-8	3/4 FNPT by 1/2 FNPT Reducer
SSRC-16-6	1 inch FNPT by 3/8 FNPT Reducer NA 304
SSRC-16-8	1 inch FNPT by 1/2 FNPT Reducer
SSRC-16-12	1 inch FNPT by 3/4 FNPT Reducer
SSRC-20-12	1-1/4 inch FNPT by 3/4 FNPT Reducer
SSRC-20-16	1-1/4 inch FNPT by 1 inch FNPT Reducer
SSRC-24-8	1-1/2 inch FNPT by 1/2 FNPT Reducer
SSRC-24-12	1-1/2 inch FNPT by 3/4 FNPT Reducer
SSRC-24-16	1-1/2 inch FNPT by 1 inch FNPT Reducer
SSRC-24-20	1-1/2 inch FNPT by 1-1/4 inch FNPT Reducer
SSRC-32-16	2 inch FNPT by 1 inch FNPT Reducer
SSRC-32-20	2 inch FNPT by 1-1/4 inch FNPT Reducer
SSRC-32-24	2 inch FNPT by 1-1/2 inch FNPT Reducer



HNS SERIES- HEX NIPPLE

The 304 Stainless Steel Hex Nipple with male NPT threads is a versatile fitting known for its corrosion resistance and durability. It is also available in 316 Stainless Steel, which offers even greater corrosion resistance. This makes it an excellent choice for industries where exposure to corrosive substances is common.

SKU	DESCRIPTION
HNS-2M	1/8 MNPT 304 Stainless Steel Hex Nipple
HNS-4M	1/4 MNPT 304 Stainless Steel Hex Nipple
HNS-6M	3/8 MNPT 304 Stainless Steel Hex Nipple
HNS-8M	1/2 MNPT 304 Stainless Steel Hex Nipple
HNS-12M	3/4 MNPT 304 Stainless Steel Hex Nipple
HNS-16M	1 inch MNPT 304 Stainless Steel Hex Nipple
HNS-20M	1-1/4 inch MNPT 304 Stainless Steel Hex Nipple
HNS-24M	1-1/2 inch MNPT 304 Stainless Steel Hex Nipple
HNS-32M	2 inch MNPT 304 Stainless Steel Hex Nipple

SBHE SERIES



The SBHE Series is 316 Stainless male NPT threads to barb 90° Elbow Adapter. Available MNPT thread sizes are 1/8 inch, 1/4 inch, 3/8 inch, and 1/2 inch. Available barb sizes are 1/4 inch, 3/8 inch, and 1/2 inch.

SKU

Description

SBHE-2M4B	1/8 inch MNPT by 1/4 inch 316 Stainless Steel Barbed 90° Elbow
SBHE-4M4B	1/4 inch MNPT by 1/4 inch 316 Stainless Steel Barbed 90° Elbow
SBHE-4M6B	1/4 inch MNPT by 3/8 inch 316 Stainless Steel Barbed 90° Elbow
SBHE-6M6B	3/8 inch MNPT by 3/8 inch 316 Stainless Steel Barbed 90° Elbow
SBHE-8M8B	1/2 inch MNPT by 1/2 inch 316 Stainless Steel Barbed 90° Elbow

SKHB SERIES



The SKHB Series is a cast 316 Stainless Steel adapter from male NPT threads to barb. The available MNPT thread sizes and barb sizes are: 1/4 inch, 3/8 inch, 1/2 inch, 3/4 inch, 1 inch, 1-1/4 inch, 1-1/2 inch, 2 inch, 2-1/2 inch, 3 inch, and 4 inch.

SKU

Description

SKHB-4M4B	1/4 MNPT by 1/4 Barb Cast 316 Stainless Steel Adapter
SKHB-6M6B	3/8 MNPT by 3/8 Barb Cast 316 Stainless Steel Adapter
SKHB-8M8B	1/2 MNPT by 1/2 Barb Cast 316 Stainless Steel Adapter
SKHB-12M12B	3/4 MNPT by 3/4 Barb Cast 316 Stainless Steel Adapter
SKHB-16M16B	1 inch MNPT by 1 Inch Barb Cast 316 Stainless Steel Adapter
SKHB-20M20B	1-1/4 inch MNPT by 1-1/4 Inch Barb Cast 316 Stainless Steel Adapter
SKHB-24M24B	1-1/2 inch MNPT by 1-1/2 Inch Barb Cast 316 Stainless Steel Adapter
SKHB-32M32B	2 inch MNPT by 2 Inch Barb Cast 316 Stainless Steel Adapter
SKHB-40M40B	2-1/2 inch MNPT by 2-1/2 Inch Barb Cast 316 Stainless Steel Adapter
SKHB-48M48B	3 inch MNPT by 3 Inch Barb Cast 316 Stainless Steel Adapter



SAMGB SERIES

Male garden hose by Barb. Barb sizes available 3/16", 3/8", 1/2", 5/8", and 3/4". Machined of 316 Stainless Steel.

SKU	Description
SAMGB-10B	3/4 MGH by 5/8 Barb 316 Stainless Steel
SAMGB-12B	3/4 MGH by 3/4 Barb 316 Stainless Steel
SAMGB-8B	3/4 MGH by 1/2 Barb 316 Stainless Steel



SAFGB SERIES

316 Stainless Steel garden hose Adapter, barbed. Barb sizes are 1/2", 5/8", and 3/4".

SKU	Description
SAFGB-8B	3/4 inch FGH by 1/2 inch 316 Stainless Steel Multi-Barbed Garden Hose Adapter
SAFGB-10B	3/4 inch FGH by 5/8 inch 316 Stainless Steel Multi-Barbed Garden Hose Adapter
SAFGB-12B	3/4 inch FGH by 3/4 inch 316 Stainless Steel Multi-Barbed Garden Hose Adapter

SSBT SERIES



303 Stainless Steel barbed Tee connector for beverage service.

SKU	Description
SSBT-4B	1/4 Barb by 1/4 Barb by 1/4 Barb 303 Stainless Tee
SSBT-6B	3/8 Barb by 3/8 Barb by 3/8 Barb 303 Stainless Tee

SKB SERIES



The SKB Series are machined 316 Stainless Steel multi-barbed adapters. Comes in various combinations of sizes ranging from 1/8 inch to 3/4 inch. Some sizes are available in BSPT (listed). The maximum working pressure is 150 psi and the working temperature range is -40° F to 350° F.

SKU	Description
SKB-2M2B-316	1/8 inch MNPT by 1/8 inch Barbed 316 Stainless Steel Adapter
SKB-2M3B-316	1/8 inch MNPT by 3/16 inch Barbed 316 Stainless Steel Adapter
SKB-2M4B-316	1/8 inch MNPT by 1/4 inch Barbed 316 Stainless Steel Adapter (BSPT Available)
SKB-2M5B-316	1/8 inch MNPT by 5/16 inch Barbed 316 Stainless Steel Adapter
SKB-2M6B-316	1/8 inch MNPT by 3/8 inch Barbed 316 Stainless Steel Adapter
SKB-4M3B-316	1/4 inch MNPT by 1/8 inch Barbed 316 Stainless Steel Adapter
SKB-4M4B-316	1/4 inch MNPT by 1/4 inch Barbed 316 Stainless Steel Adapter (BSPT Available)
SKB-4M5B-316	1/4 inch MNPT by 5/16 inch Barbed 316 Stainless Steel Adapter
SKB-4M6B-316	1/4 inch MNPT by 3/8 inch Barbed 316 Stainless Steel Adapter (BSPT Available)
SKB-4M8B-316	1/4 inch MNPT by 1/2 inch Barbed 316 Stainless Steel Adapter
SKB-6M4B-316	3/8 inch MNPT by 1/4 inch Barbed 316 Stainless Steel Adapter
SKB-6M5B-316	3/8 inch MNPT by 5/16 inch Barbed 316 Stainless Steel Adapter

SKU	Description
SKB-6M6B-316	3/8 inch MNPT by 3/8 inch Barbed 316 Stainless Steel Adapter (BSPT Available)
SKB-6M8B-316	3/8 inch MNPT by 1/2 inch Barbed 316 Stainless Steel Adapter (BSPT Available)
SKB-6M10B-316	3/8 inch MNPT by 5/8 inch Barbed 316 Stainless Steel Adapter
SKB-8M6B-316	1/2 inch MNPT by 3/8 inch Barbed 316 Stainless Steel Adapter (BSPT Available)
SKB-8M8B-316	1/2 inch MNPT by 1/2 inch Barbed 316 Stainless Steel Adapter (BSPT Available)
SKB-8M10B-316	1/2 inch MNPT by 5/8 inch Barbed 316 Stainless Steel Adapter
SKB-8M12B-316	1/2 inch MNPT by 3/4 inch Barbed 316 Stainless Steel Adapter (BSPT Available)
SKB-12M8B-316	3/4 inch MNPT by 1/2 inch Barbed 316 Stainless Steel Adapter
SKB-12M10B-316	3/4 inch MNPT by 5/8 inch Barbed 316 Stainless Steel Adapter
SKB-12M12B-316	3/4 inch MNPT by 3/4 inch Barbed 316 Stainless Steel Adapter



ATTS SERIES

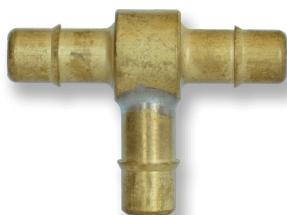
The ATTS Series is a Bronze muffler with a Brass body. This muffler is for cylinders, gear-boxes, or storage vessels. Available in 10-32 Male UNF threads and 1/16 inch, 1/8 inch, 1/4 inch, 3/8 inch, 1/2 inch, 3/4 inch, and 1 inch MNPT threads. The filter element is sintered Bronze with a standard of 40 microns, but 10 and 90 micron elements are available. The maximum operating pressure for the sintered Bronze muffler is 300 psi and the working temperature is 35°F to 300°F.

This series is also available in a 303 Stainless Steel body and 316 Stainless Steel element with thread sizes from 1/8 inch to 1 inch MNPT. The maximum operating pressure for the Stainless Steel muffler is 300 psi and the working temperature is 35°F to 392°F.

SKU	Description
ATTS-2F	1/8 inch FNPT 40 Micron Bronze Filter Brass Muffler
ATTS-2M	1/8 inch MNPT 40 Micron Bronze Filter Brass Muffler
ATTS-2M-SS	1/8 inch MNPT 70 Micron Stainless Steel Filter Muffler
ATTS-4M	1/4 inch MNPT 40 Micron Bronze Filter Brass Muffler
ATTS-4M-SS	1/4 inch MNPT 70 Micron Stainless Steel Filter Muffler
ATTS-6M	3/8 inch MNPT 40 Micron Bronze Filter Brass Muffler
ATTS-6M-SS	3/8 inch MNPT 70 Micron Stainless Steel Filter Muffler
ATTS-8M	1/2 inch MNPT 40 Micron Bronze Filter Brass Muffler
ATTS-8M-SS	1/2 inch MNPT 70 Micron Stainless Steel Filter Muffler

SKU	Description
ATTS-10	10-32 Male UNF 40 Micron Bronze Filter Brass Muffler
ATTS-10-90	10-32 Male UNF 90 Micron Bronze Filter Brass Muffler
ATTS-12M	3/4 inch MNPT 40 Micron Bronze Filter Brass Muffler
ATTS-12M-SS	3/4 inch MNPT 70 Micron Stainless Steel Filter Muffler
ATTS-16M	1 inch MNPT 40 Micron Bronze Filter Brass Muffler
ATTS-16M-SS	1 inch MNPT 70 Micron Stainless Steel Filter Muffler

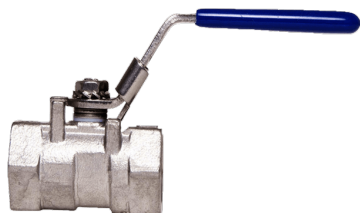
BT SERIES



BT Series fittings are available in Brass, Nickel-Plated Brass, 303 Stainless Steel, and 316 Stainless Steel. Designed for use with Polyurethane or Polyethylene tubing for securely holding the tubing from slipping or pulling off. Available barb sizes range from 1/32 inch to 3/4 inch.

SKU	Description
BT-132B	.031 Brass Tee
BT-364B	3/64, .045 Brass Tee
BT-1B	1/16 inch Brass Tee
BT-564B	.078 2MM, Brass Tee
BT-332B	3/32 inch Brass Tee
BT-2B	1/8 inch Brass Tee
BT-532B	5/32 4MM, Brass Tee
BT-170B	.170 Brass Tee
BT-3B	3/16 inch Brass Tee
BT-732B	7/32 inch Brass Tee
BT-4B	1/4 inch Brass Tee
BT-5B	5/16, 8 MM Brass Tee
BT-6B	3/8 inch Brass Tee
BT-8B	1/2 inch Brass Tee

MSBV SERIES



The MSBV Series Ball Valves have a Stainless Steel body, ball, stem, and insert with an 800 psi WOG and PTFE thrust washer. 304 Stainless Steel locking handle. Full ported 1000 psi WOG 2 piece version up to 2-inch Female NPT available.

SKU	Description
MSBV-4F	1/4 FNPT 316 Stainless Ball Valve
MSBV-6F	3/8 FNPT 316 Stainless Ball Valve
MSBV-8F	1/2 FNPT 316 Stainless Ball Valve
MSBV-12F	3/4 FNPT 316 Stainless Ball Valve
MSBV-16F	1 inch FNPT 316 Stainless Ball Valve
MSBV-20F	1-1/4 FNPT 316 Stainless Ball Valve
MSBV-24F	1-1/2 FNPT 316 Stainless Ball Valve

LSSB SERIES



The LSSB Series are 316 Stainless Steel Bulkheads, available in sizes ranging from 1/8 inch, 1/4 inch, 3/8 inch, and 1/2 inch FNPT. The maximum working pressure for these bulkheads is 150 psi and the working temperature range is -4°F to 356°F. For larger sizes with gasket options please see our **BLSS series**.

SKU	Description
LSSB-2	1/8 inch FNPT 316 Stainless Steel Bulkhead
LSSB-4	1/4 inch FNPT 316 Stainless Steel Bulkhead
LSSB-6	3/8 inch FNPT 316 Stainless Steel Bulkhead
LSSB-8	1/2 inch FNPT 316 Stainless Steel Bulkhead