

Manufacturer & Exporter Of
Brass Fittings

MAYANK
CATALOGUE



MAYANK **RAW MINT**

Quality Components,
Engineered To Excel

www.mayankrawmint.com

COMPRESSION | FLARE | PIPE
HOSE BARB | GARDEN HOSE | PUSH ON
STEEL | PEX | STAINLESS STEEL



OUR HISTORY

Mayank Raw Mint is a dynamic and innovative company dedicated to crafting custom-engineered parts of the utmost quality while continually seeking opportunities to enhance the value we provide to our customers.

Pioneers in
Manufacturing of
Leadfree Brass
Fittings

Install Linear CNC
Machines to
Manufacture High
Volume Fittings

18 New CNC
Machines, Additional
Packing and
Assembly Floor

Pioneers of Leadfree
Brass Fittings

First Company in
India to Install Buffoli
Transfer Machine for
Mass Production of
Lead-free Brass
Fittings

Accredited and
certified by NSF to
Supply Fittings for
making used in
drinking water

New Conventional
Machinery Floor



OUR TEAM



We Have This Position Because Our Employees Work Collectively As A Team With Unbiased Dedication To Help Us Take Steps Towards Our Mission

CAPABILITIES

Buffoli Multi Transfer Machine

NSF Certified Company

CNC Milling And Turning

One Stop Solution

Lead Free Fittings

Retail Packaging

ISO 9001:2015 Certified

Custom Components & Assembly

Inhouse Engineering Expertise

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COMPRESSION FITTINGS



| | | | | | | | | | | |
|-------------------------|---------|--------|---------|--------|---------|--------|----------|----------|------|----------|
| Tube O.D. | 1/8 | 3/16 | 1/4 | 5/16 | 3/8 | 7/16 | 1/2 | 5/8 | 3/4 | 7/8 |
| Thread Size-B | 5/16-24 | 3/8-24 | 7/16-24 | 1/2-24 | 9/16-24 | 5/8-24 | 11/16-20 | 13/16-18 | 1-18 | 1-1/8-18 |
| Working Pressure | 400 | 400 | 300 | 300 | 200 | 200 | 200 | 150 | 100 | 75 |

• **Typical Application**

Use with copper, aluminum and thermoplastic tubing. Not recommended for steel tubing. Manufactured for low and medium pressure tubing connection work where excessive vibration or tube movement is not involved. Not recommended for application using gaseous media.

• **Pressure**

See table above for working pressures at 730 F.

• **Vibration**

Fair resistance - use long nut when greater vibration resistance is needed.

• **Temperature Range**

-650 F to +2500 F (-530 C to +1210 C) range at maximum operating pressures. (Refer to tubing temperature range.)

• **Used With**

Aluminum, copper, brass and plastic tubing. Plastic tubing requires insert. Not recommended for steel tubing.

• **Tolerance**

+/- .02 on all dimensions. Dimension data can change without notice. Please call us when dimensions are critical.

• **Conformance**

Meets specifications and standards of ASA, ASME and SAE.

• **Assembly Instructions**

- 1- Cut tubing to desired length.
- 2- Slide nut and then sleeve on tube. Threaded end "A" of nut must face toward fitting.
- 3- Insert tubing into fitting body. Be sure tubing is bottomed on fitting shoulder.
- 4- Lubricate threads and assemble nut to fitting body.
- 5- Tighten nut hand tight. From that point, tighten with a wrench the number of turns indicated in the chart below.

| Tube Size | Additional Turns from Hand Tight |
|----------------|----------------------------------|
| 1/8" thru 1/4" | 1-1/4" |
| 5/16" | 1-3/4" |
| 3/8" thru 1" | 2-1/4" |

- "L" at the end of a Part# means Light Pattern -These fittings are completely interchangeable with full pattern fittings, but have been modified in some way. This modification is usually in the length of the pipe threads. Used in plumbing and light industrial applications

Actual Profile of Compression Threads

| 5/16"-24 | 3/8"-24 | 7/16"-24 | 1/2"-24 | 9/16"-24 | 11/16"-20 | 13/16"-18 | 1"-18 | 1-1/8"-18 75 PSI |
|----------|---------|----------|---------|----------|-----------|-----------|-------|---------------------|
| 1/8" | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 7/8" |

COMPRESSION



Compression Sleeve

| Compression Sleeve | |
|--------------------|-----------|
| PART NO. | TUBE SIZE |
| 60-02 | 1/8 |
| 60-03 | 3/16 |
| 60-04 | 1/4 |
| 60-05 | 5/16 |
| 60-06 | 3/8 |
| 60-07 | 7/16 |
| 60-08 | 1/2 |
| 60-10 | 5/8 |
| 60-12 | 3/4 |
| 60-14 | 7/8 |

Compression Nut

| PART NO. | TUBE SIZE |
|----------|-----------|
| 61-02 | 1/8 |
| 61-03 | 3/16 |
| 61-04 | 1/4 |
| 61-05 | 5/16 |
| 61-06 | 3/8 |
| 61-07 | 7/16 |
| 61-08 | 1/2 |
| 61-10 | 5/8 |
| 61-12 | 3/4 |
| 61-14 | 7/8 |



Compression Nut



Compression Union

| Compression Union | |
|-------------------|-----------|
| PART NO. | TUBE SIZE |
| 62-02 | 1/8 |
| 62-03 | 3/16 |
| 62-04 | 1/4 |
| 62-05 | 5/16 |
| 62-06 | 3/8 |
| 62-07 | 7/16 |
| 62-08 | 1/2 |
| 62-10 | 5/8 |
| 62-12 | 3/4 |
| 62-14 | 7/8 |

COMPRESSION

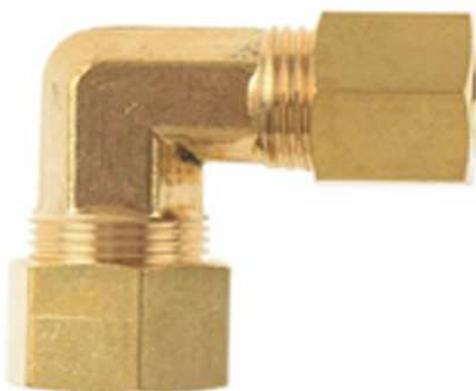


Compression Tee

| Compression Tee | |
|-----------------|-----------|
| PART NO. | TUBE SIZE |
| 64-02 | 1/8 |
| 64-03 | 3/16 |
| 64-04 | 1/4 |
| 64-05 | 5/16 |
| 64-06 | 3/8 |
| 64-08 | 1/2 |
| 64-10 | 5/8 |
| 64-12 | 3/4 |
| 64-14 | 7/8 |

Compression Elbow

| PART NO. | TUBE SIZE |
|----------|-----------|
| 65-02 | 1/8 |
| 65-03 | 3/16 |
| 65-04 | 1/4 |
| 65-05 | 5/16 |
| 65-06 | 3/8 |
| 65-08 | 1/2 |
| 65-10 | 5/8 |
| 65-12 | 3/4 |
| 65-14 | 7/8 |



Compression Elbow



Compression X Mip
45 Elbow

Compression X Mip 45 Elbow

| PART NO. | TUBE SIZE | PIPE SIZE |
|----------|-----------|-----------|
| 95-0302 | 3/16 | 1/8 |
| 95-0402 | 1/4 | 1/8 |
| 95-0404 | 1/4 | 1/4 |
| 95-0502 | 5/16 | 1/8 |
| 95-0504 | 5/16 | 1/4 |
| 95-0604 | 3/8 | 1/4 |
| 95-0606 | 3/8 | 3/8 |
| 95-0806 | 1/2 | 3/8 |
| 95-0808 | 1/2 | 1/2 |
| 95-1008 | 5/8 | 1/2 |

COMPRESSION



Compression X Female Pipe Coupling

Compression X Male Pipe Coupling

| PART NO. | TUBE SIZE | PIPE SIZE |
|----------|-----------|-----------|
| 68-0202 | 1/8 | 1/8 |
| 68-0302 | 3/16 | 1/8 |
| 68-0304 | 3/16 | 1/4 |
| 68-0402 | 1/4 | 1/8 |
| 68-0404 | 1/4 | 1/4 |
| 68-0406 | 1/4 | 3/8 |
| 68-0408 | 1/4 | 1/2 |
| 68-0502 | 5/16 | 1/8 |
| 68-0504 | 5/16 | 1/4 |
| 68-0506 | 5/16 | 3/8 |
| 68-0508 | 5/16 | 1/2 |
| 68-0602 | 3/8 | 1/8 |
| 68-0604 | 3/8 | 1/4 |
| 68-0606 | 3/8 | 3/8 |
| 68-0608 | 3/8 | 1/2 |
| 68-0612 | 3/8 | 3/4 |
| 68-0704 | 7/16 | 1/4 |
| 68-0706 | 7/16 | 3/8 |
| 68-0804 | 1/2 | 1/4 |
| 68-0806 | 1/2 | 3/8 |
| 68-0808 | 1/2 | 1/2 |
| 68-0812 | 1/2 | 3/4 |
| 68-1006 | 5/8 | 3/8 |
| 68-1008 | 5/8 | 1/2 |
| 68-1012 | 5/8 | 3/4 |
| 68-1208 | 3/4 | 1/2 |
| 68-1212 | 3/4 | 3/4 |
| 68-1408 | 7/8 | 1/2 |
| 68-1412 | 7/8 | 3/4 |
| 68-1416 | 3/4 | 1 |

Compression X Female Pipe Coupling

| PART NO. | TUBE SIZE | PIPE SIZE |
|----------|-----------|-----------|
| 66-0202 | 1/8 | 1/8 |
| 66-0302 | 3/16 | 1/8 |
| 66-0304 | 3/16 | 1/4 |
| 66-0402 | 1/4 | 1/8 |
| 66-0404 | 1/4 | 1/4 |
| 66-0406 | 1/4 | 3/8 |
| 66-0408 | 1/4 | 1/2 |
| 66-0502 | 5/16 | 1/8 |
| 66-0504 | 5/16 | 1/4 |
| 66-0602 | 3/8 | 1/8 |
| 66-0604 | 3/8 | 1/4 |
| 66-0606 | 3/8 | 3/8 |
| 66-0608 | 3/8 | 1/2 |
| 66-0612 | 3/8 | 3/4 |
| 66-0804 | 1/2 | 1/4 |
| 66-0806 | 1/2 | 3/8 |
| 66-0808 | 1/2 | 1/2 |
| 66-0812 | 1/2 | 3/4 |
| 66-1006 | 5/8 | 3/8 |
| 66-1008 | 5/8 | 1/2 |
| 66-1012 | 5/8 | 3/4 |
| 66-1208 | 3/4 | 1/2 |
| 66-1212 | 3/4 | 3/4 |
| 66-1408 | 7/8 | 1/2 |
| 66-1412 | 7/8 | 3/4 |



Compression X Male Pipe Coupling

COMPRESSION



Compression X Male Pipe Elbow

Compression X Male Pipe Elbow

| PART NO. | TUBE SIZE | PIPE SIZE |
|----------|-----------|-----------|
| 69-0202 | 1/8 | 1/8 |
| 69-0302 | 3/16 | 1/8 |
| 69-0304 | 3/16 | 1/4 |
| 69-0402 | 1/4 | 1/8 |
| 69-0404 | 1/4 | 1/4 |
| 69-0406 | 1/4 | 3/8 |
| 69-0408 | 1/4 | 1/2 |
| 69-0502 | 5/16 | 1/8 |
| 69-0504 | 5/16 | 1/4 |
| 69-0506 | 5/16 | 3/8 |
| 69-0602 | 3/8 | 1/8 |
| 69-0604 | 3/8 | 1/4 |
| 69-0606 | 3/8 | 3/8 |
| 69-0608 | 3/8 | 1/2 |
| 69-0612 | 3/8 | 3/4 |
| 69-0804 | 1/2 | 1/4 |
| 69-0806 | 1/2 | 3/8 |
| 69-0808 | 1/2 | 1/2 |
| 69-0812 | 1/2 | 3/4 |
| 69-1006 | 5/8 | 3/8 |
| 69-1008 | 5/8 | 1/2 |
| 69-1012 | 5/8 | 3/4 |
| 69-1208 | 3/4 | 1/2 |
| 69-1212 | 3/4 | 3/4 |
| 69-1412 | 7/8 | 3/4 |

Compression X Female Pipe Elbow

| PART NO. | TUBE SIZE | PIPE SIZE |
|----------|-----------|-----------|
| 70-0202 | 1/8 | 1/8 |
| 70-0302 | 3/16 | 1/8 |
| 70-0402 | 1/4 | 1/8 |
| 70-0404 | 1/4 | 1/4 |
| 70-0406 | 1/4 | 3/8 |
| 70-0408 | 1/4 | 1/2 |
| 70-0502 | 5/16 | 1/8 |
| 70-0504 | 5/16 | 1/4 |
| 70-0602 | 3/8 | 1/8 |
| 70-0604 | 3/8 | 1/4 |
| 70-0606 | 3/8 | 3/8 |
| 70-0608 | 3/8 | 1/2 |
| 70-0612 | 3/8 | 3/4 |
| 70-0804 | 1/2 | 1/4 |
| 70-0806 | 1/2 | 3/8 |
| 70-0808 | 1/2 | 1/2 |
| 70-0812 | 1/2 | 3/4 |
| 70-1006 | 5/8 | 3/8 |
| 70-1008 | 5/8 | 1/2 |
| 70-1012 | 5/8 | 3/4 |
| 70-1208 | 3/4 | 1/2 |



Compression X Female Pipe Elbow

COMPRESSION



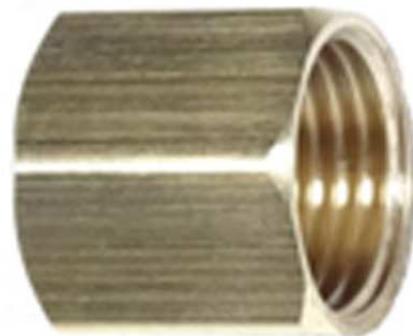
Compression X Male Pipe Branch Tee

Compression X Male Pipe Branch Tee

| PART NO. | TUBE SIZE | PIPE SIZE |
|----------|-----------|-----------|
| 72-0302 | 3/16 | 1/8 |
| 72-0402 | 1/4 | 1/8 |
| 72-0404 | 1/4 | 1/4 |
| 72-0502 | 5/16 | 1/8 |
| 72-0504 | 5/16 | 1/4 |
| 72-0602 | 3/8 | 1/8 |
| 72-0604 | 3/8 | 1/4 |
| 72-0606 | 3/8 | 3/8 |
| 72-0608 | 3/8 | 1/2 |
| 72-0804 | 1/2 | 1/4 |
| 72-0806 | 1/2 | 3/8 |
| 72-0808 | 1/2 | 1/2 |
| 72-1008 | 5/8 | 1/2 |
| 72-1208 | 3/4 | 1/2 |
| 72-1212 | 3/4 | 3/4 |

Compression Cap

| PART NO. | TUBE SIZE |
|----------|-----------|
| 81-04 | 1/4 |
| 81-05 | 5/16 |
| 81-06 | 3/8 |
| 81-08 | 1/2 |
| 81-10 | 5/8 |



Compression Cap



Compression X Male Pipe X Female Pipe Tee

Compression X Male Pipe X Female Pipe Tee

| PART NO. | TUBE SIZE | MALE PIPE SIZE | FEMALE PIPE SIZE |
|----------|-----------|----------------|------------------|
| 76-0402 | 1/4 | 1/8 | 1/8 |
| 76-0404 | 1/4 | 1/4 | 1/4 |

COMPRESSION



Compression Reducing Union

Compression Reducing Union

| PART NO. | TUBE SIZE | TUBE SIZE |
|----------|-----------|-----------|
| 82-0402 | 1/4 | 1/8 |
| 82-0403 | 1/4 | 3/16 |
| 82-0504 | 5/16 | 1/4 |
| 82-0604 | 3/8 | 1/4 |
| 82-0605 | 3/8 | 5/16 |
| 82-0806 | 1/2 | 3/8 |
| 82-1006 | 5/8 | 3/8 |
| 82-1008 | 5/8 | 1/2 |
| 82-1410 | 3/4 | 5/8 |

Compression Reducing Tee

| PART NO. | TUBE SIZE | TUBE SIZE | TUBE SIZE |
|-----------|-----------|-----------|-----------|
| 84-040402 | 1/4 | 1/4 | 1/8 |
| 84-040406 | 1/4 | 1/4 | 3/8 |
| 84-060404 | 3/8 | 1/4 | 1/4 |
| 84-060604 | 3/8 | 3/8 | 1/4 |
| 84-080804 | 1/2 | 1/2 | 1/4 |
| 84-080806 | 1/2 | 1/2 | 3/8 |
| 84-101006 | 5/8 | 5/8 | 3/8 |
| 84-101008 | 5/8 | 5/8 | 1/8 |



Compression Reducing Tee



Compression Reducing Elbow

Compression Reducing Elbow

| PART NO. | TUBE SIZE | TUBE SIZE |
|----------|-----------|-----------|
| 85-0604 | 3/8 | 1/4 |
| 85-0806 | 1/2 | 3/8 |
| 85-1006 | 5/8 | 3/8 |
| 85-1008 | 5/8 | 1/2 |

CAPABILITIES

BUFFOLI MULTI TRANSFER MACHINE



We have upgraded to latest generation turning centres from Buffoli, Italy.

A high production CNC multi-spindle transfer machine equipped with double-spindle units specifically designed for the machining of precision turned parts on both directions and/or transversally from non-rotating bars without costly secondary operations.

To complete the interesting range of application is the ability to machine without human presence automatically from bar-stock. We can machine complete fittings from barstock in 4 seconds.

HOSE BARB



- **Temperature and Working Pressure**

Ranges From -400 F to + 1600 F at 150 PSI maximum.

- **Tolerance**

+/- .02 on all dimensions. Dimension Data can change without notice. Please call us when dimensions are critical.

Note: These fittings are intended for use with hose clamp, similar type clamp or a crimped ferrule.

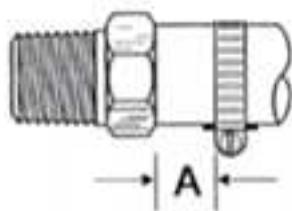
- **Assembly Instructions**

1- Cut hose cleanly and squarely to length.

2- Slide clamp on hose.

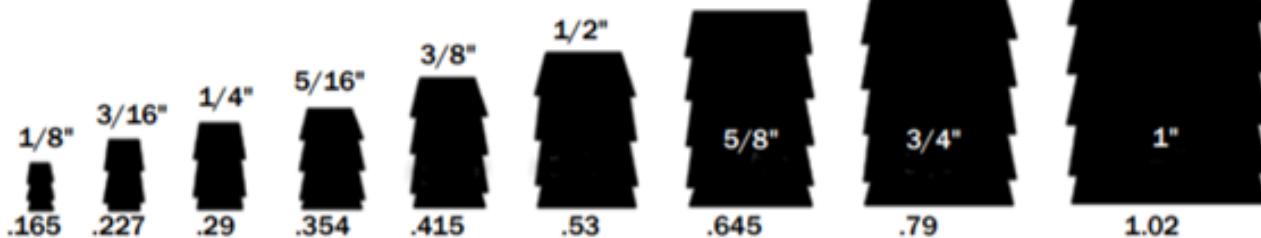
3- Lubricate hose. Push hose on fitting until hose bottoms against stop ring or hex.

4- Position hose clamp as shown below and secure with a screwdriver or wrench. Maintain "A" dimension noted below for proper clamp positioning.



| Hose Size | A |
|-----------|------|
| 3/16" | 1/4" |
| 1/4" | 1/4" |
| 5/16" | 1/4" |
| 3/8" | 1/8" |
| 1/2" | 1/8" |
| 5/8" | 1/8" |
| 3/4" | 1/8" |

Actual Profile of Hose Barbs



HOSE BARB



Hose Barb Male Adapter

| Hose Barb Male Adapter | | |
|------------------------|---------|-----------|
| PART NO. | HOSE ID | PIPE SIZE |
| 7001-0202 | 1/8 | 1/8 |
| 7001-0204 | 1/8 | 1/4 |
| 7001-0302 | 3/16 | 1/8 |
| 7001-0304 | 3/16 | 1/4 |
| 7001-0402 | 1/4 | 1/8 |
| 7001-0404 | 1/4 | 1/4 |
| 7001-0406 | 1/4 | 3/8 |
| 7001-0408 | 1/4 | 1/2 |
| 7001-0502 | 5/16 | 1/8 |
| 7001-0504 | 5/16 | 1/4 |
| 7001-0506 | 5/16 | 3/8 |
| 7001-0508 | 5/16 | 1/2 |
| 7001-0602 | 3/8 | 1/8 |
| 7001-0604 | 3/8 | 1/4 |
| 7001-0606 | 3/8 | 3/8 |
| 7001-0608 | 3/8 | 1/2 |
| 7001-0612 | 3/8 | 3/4 |
| 7001-0802 | 1/2 | 1/8 |
| 7001-0804 | 1/2 | 1/4 |
| 7001-0806 | 1/2 | 3/8 |
| 7001-0808 | 1/2 | 1/2 |
| 7001-0812 | 1/2 | 3/4 |
| 7001-0816 | 1/2 | 1 |
| 7001-1004 | 5/8 | 1/4 |
| 7001-1006 | 5/8 | 3/8 |
| 7001-1008 | 5/8 | 1/2 |
| 7001-1012 | 5/8 | 3/4 |
| 7001-1016 | 5/8 | 1 |
| 7001-1206 | 3/4 | 3/8 |
| 7001-1208 | 3/4 | 1/2 |
| 7001-1212 | 3/4 | 3/4 |
| 7001-1216 | 3/4 | 1 |
| 7001-1608 | 1 | 1/2 |
| 7001-1612 | 1 | 3/4 |
| 7001-1616 | 1 | 1 |

HOSE BARB



Hose Barb Female Adapter

| Hose Barb Female Adapter | | |
|--------------------------|---------|-----------|
| PART NO. | HOSE ID | PIPE SIZE |
| 7002-0202 | 1/8 | 1/8 |
| 7002-0204 | 1/8 | 1/4 |
| 7002-0302 | 3/16 | 1/8 |
| 7002-0304 | 3/16 | 1/4 |
| 7002-0402 | 1/4 | 1/8 |
| 7002-0404 | 1/4 | 1/4 |
| 7002-0406 | 1/4 | 3/8 |
| 7002-0408 | 1/4 | 1/2 |
| 7002-0502 | 5/16 | 1/8 |
| 7002-0504 | 5/16 | 1/4 |
| 7002-0506 | 5/16 | 3/8 |
| 7002-0508 | 5/16 | 1/2 |
| 7002-0602 | 3/8 | 1/8 |
| 7002-0604 | 3/8 | 1/4 |
| 7002-0606 | 3/8 | 3/8 |
| 7002-0608 | 3/8 | 1/2 |
| 7002-0612 | 3/8 | 3/4 |
| 7002-0804 | 1/2 | 1/4 |
| 7002-0806 | 1/2 | 3/8 |
| 7002-0808 | 1/2 | 1/2 |
| 7002-0812 | 1/2 | 3/4 |
| 7002-1006 | 5/8 | 3/8 |
| 7002-1008 | 5/8 | 1/2 |
| 7002-1012 | 5/8 | 3/4 |
| 7002-1208 | 3/4 | 1/2 |
| 7002-1212 | 3/4 | 3/4 |
| 7002-1612 | 1 | 3/4 |
| 7002-1616 | 1 | 1 |

HOSE BARB



Hose Barb Splicer

| Hose Barb Splicer | |
|-------------------|---------|
| PART NO. | HOSE ID |
| 7014-02 | 1/8 |
| 7014-03 | 3/16 |
| 7014-04 | 1/4 |
| 7014-05 | 5/16 |
| 7014-06 | 3/8 |
| 7014-08 | 1/2 |
| 7014-10 | 5/8 |
| 7014-12 | 3/4 |
| 7014-16 | 1 |

Hose Barb Male Elbow Forged

| PART NO. | HOSE ID | PIPE SIZE |
|-----------|---------|-----------|
| 7020-0302 | 3/16 | 1/8 |
| 7020-0304 | 3/16 | 1/4 |
| 7020-0402 | 1/4 | 1/8 |
| 7020-0404 | 1/4 | 1/4 |
| 7020-0406 | 1/4 | 3/8 |
| 7020-0502 | 5/16 | 1/8 |
| 7020-0504 | 5/16 | 1/4 |
| 7020-0506 | 5/16 | 3/8 |
| 7020-0602 | 3/8 | 1/8 |
| 7020-0604 | 3/8 | 1/4 |
| 7020-0606 | 3/8 | 3/8 |
| 7020-0608 | 3/8 | 1/2 |
| 7020-0804 | 1/2 | 1/4 |
| 7020-0806 | 1/2 | 3/8 |
| 7020-0808 | 1/2 | 1/2 |
| 7020-1006 | 5/8 | 3/8 |
| 7020-1008 | 5/8 | 1/2 |
| 7020-1012 | 5/8 | 3/4 |
| 7020-1208 | 3/4 | 1/2 |
| 7020-1212 | 3/4 | 3/4 |
| 7020-1216 | 3/4 | 1 |
| 7020-1612 | 1 | 3/4 |
| 7020-1616 | 1 | 1 |



Hose Barb Male
Elbow Forged

HOSE BARB



Hose Barb Tee

| Hose Barb Tee | |
|---------------|---------|
| PART NO. | HOSE ID |
| 7024-02 | 1/8 |
| 7024-03 | 3/16 |
| 7024-04 | 1/4 |
| 7024-05 | 5/16 |
| 7024-06 | 3/8 |
| 7024-08 | 1/2 |
| 7024-12 | 3/4 |

Hose Barb Male Elbow Barstock

| PART NO. | HOSE ID | PIPE SIZE |
|------------|---------|-----------|
| 7020-0402B | 1/4 | 1/8 |
| 7020-0404B | 1/4 | 1/4 |
| 7020-0604B | 3/8 | 1/4 |
| 7020-0606B | 3/8 | 3/8 |
| 7020-0806B | 1/2 | 3/8 |



Hose Barb Male
Elbow Barstock

Hose Barb X Male 45 Below

| PART NO. | HOSE ID | PIPE SIZE |
|-----------|---------|-----------|
| 7045-0402 | 1/4 | 1/8 |
| 7045-0404 | 1/4 | 1/4 |
| 7045-0602 | 3/8 | 1/8 |
| 7045-0604 | 3/8 | 1/4 |
| 7045-0606 | 3/8 | 3/8 |
| 7045-0804 | 1/2 | 1/4 |
| 7045-0806 | 1/2 | 3/8 |
| 7045-0808 | 1/2 | 1/2 |
| 7045-1006 | 5/8 | 3/8 |
| 7045-1208 | 5/8 | 1/2 |



Hose Barb X
Male 45 Below

HOSE BARB



Hose Barb X
Ball End Swivel

| Hose Barb X Ball End Swivel | | |
|-----------------------------|---------|---------------|
| PART NO. | HOSE ID | STRAIGHT PIPE |
| 7008-0202 | 1/8 | 1/8 |
| 7008-0302 | 3/16 | 1/8 |
| 7008-0304 | 3/16 | 1/4 |
| 7008-0402 | 1/4 | 1/8 |
| 7008-0404 | 1/4 | 1/4 |
| 7008-0406 | 1/4 | 3/8 |
| 7008-0504 | 5/16 | 1/4 |
| 7008-0506 | 5/16 | 3/8 |
| 7008-0604 | 3/8 | 1/4 |
| 7008-0606 | 3/8 | 3/8 |
| 7008-0608 | 3/8 | 1/2 |
| 7008-0806 | 1/2 | 3/8 |
| 7008-0808 | 1/2 | 1/2 |
| 7008-1212 | 3/4 | 3/4 |

Ballseat Union

| PART NO. | STRAIGHT PIPE | PIPE SIZE |
|-----------|---------------|-----------|
| 7654-0202 | 1/8 | 1/8 |
| 7654-0402 | 1/4 | 1/8 |
| 7654-0404 | 1/4 | 1/4 |
| 7654-0604 | 3/8 | 1/4 |
| 7654-0606 | 3/8 | 3/8 |
| 7654-0608 | 3/8 | 1/2 |
| 7654-0806 | 1/2 | 3/8 |
| 7654-0808 | 1/2 | 1/2 |
| 7654-1212 | 3/4 | 3/4 |



Ballseat Union

HOSE BARB



Ball Seat Union

| Ball Seat Union | |
|-----------------|---------------|
| PART NO. | STRAIGHT PIPE |
| 7656-0202 | 1/8 |
| 7656-0404 | 1/4 |
| 7656-0606 | 3/8 |

| Hose Barb X Male Flare Adapter | | |
|--------------------------------|---------|-----------|
| PART NO. | HOSE ID | TUBE SIZE |
| 7004-0304 | 3/16 | 1/4 |
| 7004-0404 | 1/4 | 1/4 |
| 7004-0406 | 1/4 | 3/8 |
| 7004-0505 | 5/16 | 5/16 |
| 7004-0606 | 3/8 | 3/8 |
| 7004-0608 | 3/8 | 1/2 |
| 7004-0808 | 1/2 | 1/2 |



Hose Barb X Male Flare Adapter

CAPABILITIES

ONE STOP SOLUTION



We have shown quantifiable growth as reliable manufacturers, exporters and suppliers of a varied range of Brass Products. Created and manufactured with the best quality materials, our items are approved by International and Domestic Standards.

The facility has a range of conventional machines along with top of Line Multi Transfer Machining Centres to manufacture Lead-free as well Leaded products. The raw material is sourced from our sister concern which gives us total control over the material quality. Some appealing highlights of our fittings are:

- A Turnkey manufacturing solution equipped with the latest and by far the best technology in the world
- Competitive Pricing
- Dependability and reliability of supply

FLARE



| Tube O.D. | 1/8 | 3/16 | 1/4 | 5/16 | 3/8 | 7/16 | 1/2 | 5/8 | 3/4 |
|---------------|---------|--------|---------|--------|--------|----------|--------|--------|-----------|
| Thread Size-B | 5/16-24 | 3/8-24 | 7/16-20 | 1/2-20 | 5/8-18 | 11/16-16 | 3/4-16 | 7/8-14 | 1-1/16-14 |

• **Typical Application**

LP and natural gas, flammable liquids, instrumentation, refrigeration, power steering, hydraulic and pneumatic systems.

• **Working Pressure Ranges**

Temperature and type of tubing used are important factors. However, the following table is a good guide for proper selection. Temperature 730 F with copper tubing:

| PSI | Tube O.D. (in.) | Tube Wall (in.) |
|------|-----------------|-----------------|
| 2800 | 1/8 | .030 |
| 1900 | 3/16 | .030 |
| 1400 | 1/4 | .030 |
| 1200 | 5/16 | .032 |
| 1000 | 3/8 | .032 |
| 750 | 1/2 | .032 |
| 650 | 5/8 | .035 |
| 550 | 3/4 | .035 |
| 450 | 7/8 | .035 |

• **Vibration**

Good resistance - use long nut when greater vibration resistance is required.

• **Temperature Range**

-650 F to +2500 F (-530 C to +1210 C) range at maximum operating pressures.

• **Used With**

Copper, brass, aluminum and steel hydraulic tubing that can be flared.

• **Tolerance**

+/- .03 on all dimensions. Dimension data can change without notice. Please call us when dimensions are critical.

• **Conformance**

Meets specifications and standards of ASA, ASME, SAE and MS (Military standards).

• **Assembly Instructions**

- 1- Cut tubing to desired length. Make sure all burrs are removed and ends are cut square.
- 2- Slide nut on tube. Threaded end "A" of nut must face out.
- 3- Flare end of tube with a 450 flaring tool. a-Measure flare diameter. b- Examine flare for excessive thin out.
- 4- Lubricate threads and assemble to fitting body. Nut should be turned hand tight.
- 5- Tighten assembly with wrench until a solid feeling is encountered. From that point, apply a one-sixth turn.

Note: Do not over-torque as it may damage the fitting or split the tubing at the flare.

Actual O.D. of Flare Fittings



FLARE



Flare Short Nut

| Flare Short Nut | |
|-----------------|-----------|
| PART NO. | TUBE SIZE |
| 4014-03 | 3/16 |
| 4014-04 | 1/4 |
| 4014-05 | 5/16 |
| 4014-06 | 3/8 |
| 4014-07 | 7/16 |
| 4014-08 | 1/2 |
| 4014-10 | 5/8 |
| 4014-12 | 3/4 |

Flare Long Nut Forged

| PART NO. | TUBE SIZE |
|----------|-----------|
| 4016-04 | 1/4 |
| 4016-06 | 3/8 |
| 4016-08 | 1/2 |
| 4016-10 | 5/8 |
| 4016-12 | 3/4 |



Flare Long Nut Forged



Flare Short Nut Forged

| Flare Short Nut Forged | |
|------------------------|-----------|
| PART NO. | TUBE SIZE |
| 4018-04 | 1/4 |
| 4018-05 | 5/16 |
| 4018-06 | 3/8 |
| 4018-08 | 1/2 |
| 4018-10 | 5/8 |
| 4018-12 | 3/4 |

FLARE



Flare Extra Heavy Short Nut Forged

| PART NO. | TUBE SIZE |
|----------|-----------|
| 4019-06 | 3/8 |
| 4019-08 | 1/2 |
| 4019-10 | 5/8 |

Flare Extra Heavy Short Nut
Forged

Flare Reducing Short Nut Forged

| PART NO. | TUBE SIZE | |
|-----------|-----------|-----|
| 4020-0806 | 1/2 | 3/8 |
| 4020-1008 | 5/8 | 1/2 |
| 4020-1210 | 3/4 | 5/8 |



Flare Reducing
Short Nut Forged



Flare Plug

Flare Plug

| PART NO. | TUBE SIZE |
|----------|-----------|
| 4039-03 | 3/16 |
| 4039-04 | 1/4 |
| 4039-05 | 5/16 |
| 4039-06 | 3/8 |
| 4039-08 | 1/2 |
| 4039-10 | 5/8 |
| 4039-12 | 3/4 |

FLARE



Flare Cap

Flare Cap

| PART NO. | TUBE SIZE |
|----------|-----------|
| 4040-03 | 3/16 |
| 4040-04 | 1/4 |
| 4040-05 | 5/16 |
| 4040-06 | 3/8 |
| 4040-08 | 1/2 |
| 4040-10 | 5/8 |
| 4040-12 | 3/4 |

Flare Long Nut

| PART NO. | TUBE SIZE |
|----------|-----------|
| 4041-03 | 3/16 |
| 4041-04 | 1/4 |
| 4041-05 | 5/16 |
| 4041-06 | 3/8 |
| 4041-08 | 1/2 |
| 4041-10 | 5/8 |
| 4041-12 | 3/4 |



Flare Long Nut

Flare Union

| PART NO. | TUBE SIZE |
|----------|-----------|
| 4042-03 | 3/16 |
| 4042-04 | 1/4 |
| 4042-05 | 5/16 |
| 4042-06 | 3/8 |
| 4042-08 | 1/2 |
| 4042-10 | 5/8 |
| 4042-12 | 3/4 |
| 4042-14 | 7/8 |



Flare Union

FLARE



Flare Tee

| Flare Tee | |
|-----------|-----------|
| PART NO. | TUBE SIZE |
| 4044-03 | 3/16 |
| 4044-04 | 1/4 |
| 4044-05 | 5/16 |
| 4044-06 | 3/8 |
| 4044-08 | 1/2 |
| 4044-10 | 5/8 |
| 4044-12 | 3/4 |
| 4044-14 | 7/4 |

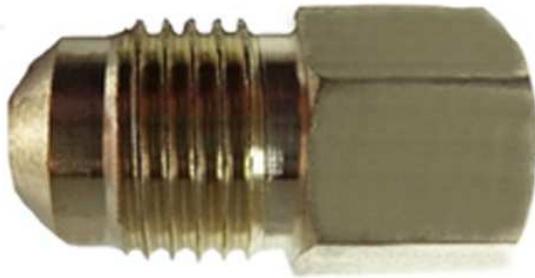
Flare X Male Pipe Branch Tee

| PART NO. | TUBE SIZE | PIPE SIZE |
|-----------|-----------|-----------|
| 4045-0302 | 3/16 | 1/8 |
| 4045-0402 | 1/4 | 1/8 |
| 4045-0404 | 1/4 | 1/4 |
| 4045-0406 | 1/4 | 3/8 |
| 4045-0502 | 5/16 | 1/8 |
| 4045-0504 | 5/16 | 1/4 |
| 4045-0602 | 3/8 | 1/8 |
| 4045-0604 | 3/8 | 1/4 |
| 4045-0606 | 3/8 | 3/8 |
| 4045-0608 | 3/8 | 1/2 |
| 4045-0804 | 1/2 | 1/4 |
| 4045-0806 | 1/2 | 3/8 |
| 4045-0808 | 1/2 | 1/2 |
| 4045-0812 | 1/2 | 3/4 |
| 4045-1006 | 5/8 | 3/8 |
| 4045-1008 | 5/8 | 1/2 |
| 4045-1012 | 5/8 | 3/4 |
| 4045-1208 | 3/4 | 1/2 |
| 4045-1212 | 3/4 | 3/4 |



Flare X Male Pipe
Branch Tee

FLARE



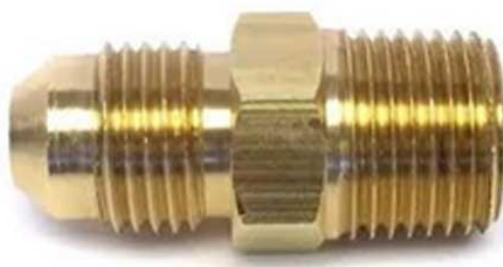
Flare X Female Pipe Coupling

Flare X Female Pipe Coupling

| PART NO. | TUBE SIZE | PIPE SIZE |
|-----------|-----------|-----------|
| 4046-0302 | 3/16 | 1/8 |
| 4046-0402 | 1/4 | 1/8 |
| 4046-0404 | 1/4 | 1/4 |
| 4046-0406 | 1/4 | 3/8 |
| 4046-0408 | 1/4 | 1/8 |
| 4046-0502 | 5/16 | 1/8 |
| 4046-0504 | 5/16 | 1/4 |
| 4046-0602 | 3/8 | 1/8 |
| 4046-0604 | 3/8 | 1/4 |
| 4046-0606 | 3/8 | 3/8 |
| 4046-0608 | 3/8 | 1/2 |
| 4046-0612 | 3/8 | 3/4 |
| 4046-0804 | 1/2 | 1/4 |
| 4046-0806 | 1/2 | 3/8 |
| 4046-0808 | 1/2 | 1/2 |
| 4046-0812 | 1/2 | 3/4 |
| 4046-1006 | 5/8 | 3/8 |
| 4046-1008 | 5/8 | 1/2 |
| 4046-1012 | 5/8 | 3/4 |
| 4046-1208 | 3/4 | 1/2 |
| 4046-1212 | 3/4 | 3/4 |
| 4046-1612 | 7/8 | 3/4 |

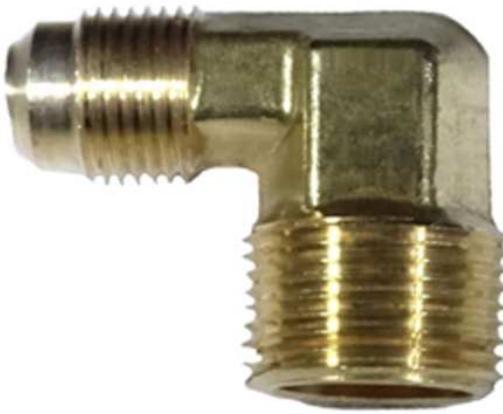
Flare X Male Pipe Half Union

| PART NO. | TUBE SIZE | PIPE SIZE |
|-----------|-----------|-----------|
| 4048-0304 | 3/16 | 1/4 |
| 4048-0402 | 1/4 | 1/8 |
| 4048-0404 | 1/4 | 1/4 |
| 4048-0406 | 1/4 | 3/8 |
| 4048-0408 | 1/4 | 1/2 |
| 4048-0502 | 5/16 | 1/8 |
| 4048-0504 | 5/16 | 1/4 |
| 4048-0506 | 5/16 | 3/8 |
| 4048-0602 | 3/8 | 1/8 |
| 4048-0604 | 3/8 | 1/4 |
| 4048-0606 | 3/8 | 3/8 |
| 4048-0608 | 3/8 | 1/2 |
| 4048-0612 | 3/8 | 3/4 |
| 4048-0804 | 1/2 | 1/4 |
| 4048-0806 | 1/2 | 3/8 |
| 4048-0808 | 1/2 | 1/2 |
| 4048-0812 | 1/2 | 3/4 |
| 4048-1004 | 5/8 | 1/4 |
| 4048-1006 | 5/8 | 3/8 |
| 4048-1008 | 5/8 | 1/2 |
| 4048-1012 | 5/8 | 3/4 |
| 4048-1208 | 3/4 | 1/2 |
| 4048-1212 | 3/4 | 3/4 |
| 4048-1408 | 7/8 | 1/2 |
| 4048-1412 | 7/8 | 3/4 |



Flare X Male Pipe Half Union

FLARE



Flare X Male Pipe Elbow

Flare X Male Pipe Elbow

| PART NO. | TUBE SIZE | PIPE SIZE |
|-----------|-----------|-----------|
| 4049-0302 | 3/16 | 1/8 |
| 4049-0304 | 3/16 | 1/4 |
| 4049-0402 | 1/4 | 1/8 |
| 4049-0404 | 1/4 | 1/4 |
| 4049-0406 | 1/4 | 3/8 |
| 4049-0408 | 1/4 | 1/2 |
| 4049-0502 | 5/16 | 1/8 |
| 4049-0504 | 5/16 | 1/4 |
| 4049-0506 | 5/16 | 3/8 |
| 4049-0602 | 3/8 | 1/8 |
| 4049-0604 | 3/8 | 1/4 |
| 4049-0606 | 3/8 | 3/8 |
| 4049-0608 | 3/8 | 1/2 |
| 4049-0612 | 3/8 | 3/4 |
| 4049-0804 | 1/2 | 1/4 |
| 4049-0806 | 1/2 | 3/8 |
| 4049-0808 | 1/2 | 1/2 |
| 4049-0812 | 1/2 | 3/4 |
| 4049-1006 | 5/8 | 3/8 |
| 4049-1008 | 5/8 | 1/2 |
| 4049-1012 | 5/8 | 3/4 |
| 4049-1208 | 3/4 | 1/2 |
| 4049-1212 | 3/4 | 3/4 |
| 4049-1412 | 7/8 | 3/4 |

Flare X Female Pipe Elbow

| PART NO. | TUBE SIZE | PIPE SIZE |
|-----------|-----------|-----------|
| 4050-0302 | 3/16 | 1/8 |
| 4050-0402 | 1/4 | 1/8 |
| 4050-0404 | 1/4 | 1/4 |
| 4050-0406 | 1/4 | 3/8 |
| 4050-0408 | 1/4 | 1/2 |
| 4050-0502 | 5/16 | 1/8 |
| 4050-0504 | 5/16 | 1/4 |
| 4050-0602 | 3/8 | 1/8 |
| 4050-0604 | 3/8 | 1/4 |
| 4050-0606 | 3/8 | 3/8 |
| 4050-0608 | 3/8 | 1/2 |
| 4050-0612 | 3/8 | 3/4 |
| 4050-0804 | 1/2 | 1/4 |
| 4050-0806 | 1/2 | 3/8 |
| 4050-0808 | 1/2 | 1/2 |
| 4050-0812 | 1/2 | 3/4 |
| 4050-1006 | 5/8 | 3/8 |
| 4050-1008 | 5/8 | 1/2 |
| 4050-1012 | 5/8 | 3/4 |
| 4050-1208 | 3/4 | 1/2 |
| 4050-1212 | 3/4 | 3/4 |



Flare X Female Pipe Elbow

FLARE



Flare X Male Pipe Run Tee

| Flare X Male Pipe Run Tee | | |
|---------------------------|-----------|-----------|
| PART NO. | TUBE SIZE | PIPE SIZE |
| 4051-0302 | 3/16 | 1/8 |
| 4051-0402 | 1/4 | 1/8 |
| 4051-0404 | 1/4 | 1/4 |
| 4051-0502 | 5/16 | 1/8 |
| 4051-0504 | 5/16 | 1/4 |
| 4051-0604 | 3/8 | 1/4 |
| 4051-0606 | 3/8 | 3/8 |
| 4051-0608 | 3/8 | 1/2 |
| 4051-0806 | 1/2 | 3/8 |
| 4051-0808 | 1/2 | 1/2 |
| 4051-1008 | 5/8 | 1/2 |
| 4051-1208 | 3/4 | 1/2 |
| 4051-1212 | 3/4 | 3/4 |

Flare Cross

| PART NO. | TUBE SIZE |
|----------|-----------|
| 4052-04 | 1/4 |
| 4052-05 | 5/16 |
| 4052-06 | 3/8 |
| 4052-08 | 1/2 |
| 4052-10 | 5/8 |



Flare Cross



Flare Union Elbow 90

| Flare Union Elbow 90 | |
|----------------------|-----------|
| PART NO. | TUBE SIZE |
| 4055-03 | 3/16 |
| 4055-04 | 1/4 |
| 4055-05 | 5/16 |
| 4055-06 | 3/8 |
| 4055-08 | 1/2 |
| 4055-10 | 5/8 |
| 4055-12 | 3/4 |
| 4055-14 | 7/8 |

FLARE



Flare Reducing Union

| Flare Reducing Union | | |
|----------------------|-----------|-----------|
| PART NO. | TUBE SIZE | TUBE SIZE |
| 4056-0504 | 5/16 | 1/4 |
| 4056-0604 | 3/8 | 1/4 |
| 4056-0605 | 3/8 | 5/16 |
| 4056-0804 | 1/2 | 1/4 |
| 4056-0806 | 1/2 | 3/8 |
| 4056-1006 | 5/8 | 3/8 |
| 4056-1008 | 5/8 | 1/2 |

Flare Reducing Elbow 90

| PART NO. | TUBE SIZE | TUBE SIZE |
|-----------|-----------|-----------|
| 4057-0604 | 3/8 | 1/4 |
| 4057-0804 | 1/2 | 1/4 |
| 4057-0806 | 1/2 | 3/8 |
| 4057-1006 | 5/8 | 3/8 |
| 4057-1008 | 5/8 | 1/2 |
| 4057-1208 | 3/4 | 1/2 |
| 4057-1210 | 3/4 | 5/8 |



Flare Reducing
Elbow 90

Flare Reducing Tee

| PART NO. | TUBE SIZE | TUBE SIZE | TUBE SIZE |
|-------------|-----------|-----------|-----------|
| 4059-040406 | 1/4 | 1/4 | 3/8 |
| 4059-050504 | 5/16 | 5/16 | 1/4 |
| 4059-060604 | 3/8 | 3/8 | 1/4 |
| 4059-060608 | 3/8 | 3/8 | 1/2 |
| 4059-060610 | 3/8 | 3/8 | 5/8 |
| 4059-080804 | 1/2 | 1/2 | 1/4 |
| 4059-080806 | 1/2 | 1/2 | 3/8 |
| 4059-080810 | 1/2 | 1/2 | 5/8 |
| 4059-101006 | 5/8 | 5/8 | 3/8 |
| 4059-101008 | 5/8 | 5/8 | 1/2 |
| 4059-121210 | 3/4 | 3/4 | 5/8 |



Flare Reducing Tee

FLARE



Flare Swivel Connector

| Flare Swivel Connector | |
|------------------------|-----------|
| PART NO. | TUBE SIZE |
| 4070-04 | 1/4 |
| 4070-06 | 3/8 |
| 4070-08 | 1/2 |
| 4070-10 | 5/8 |
| 4070-12 | 3/4 |

| Flare Reducing Swivel Connector | | |
|---------------------------------|-----------|-----------|
| PART NO. | TUBE SIZE | TUBE SIZE |
| 4075-0604 | 3/8 | 1/4 |
| 4075-0806 | 1/2 | 3/8 |
| 4075-1008 | 5/8 | 1/2 |



Flare Reducing
Swivel Connector



Flare X Male X
Female Pipe

| Flare X Male X Female Pipe | | | |
|----------------------------|-----------|----------------|------------------|
| PART NO. | TUBE SIZE | MALE PIPE SIZE | FEMALE PIPE SIZE |
| 4088-060602 | 3/8 | 3/8 | 1/8 |
| 4088-060806 | 3/8 | 1/2 | 3/8 |

FLARE



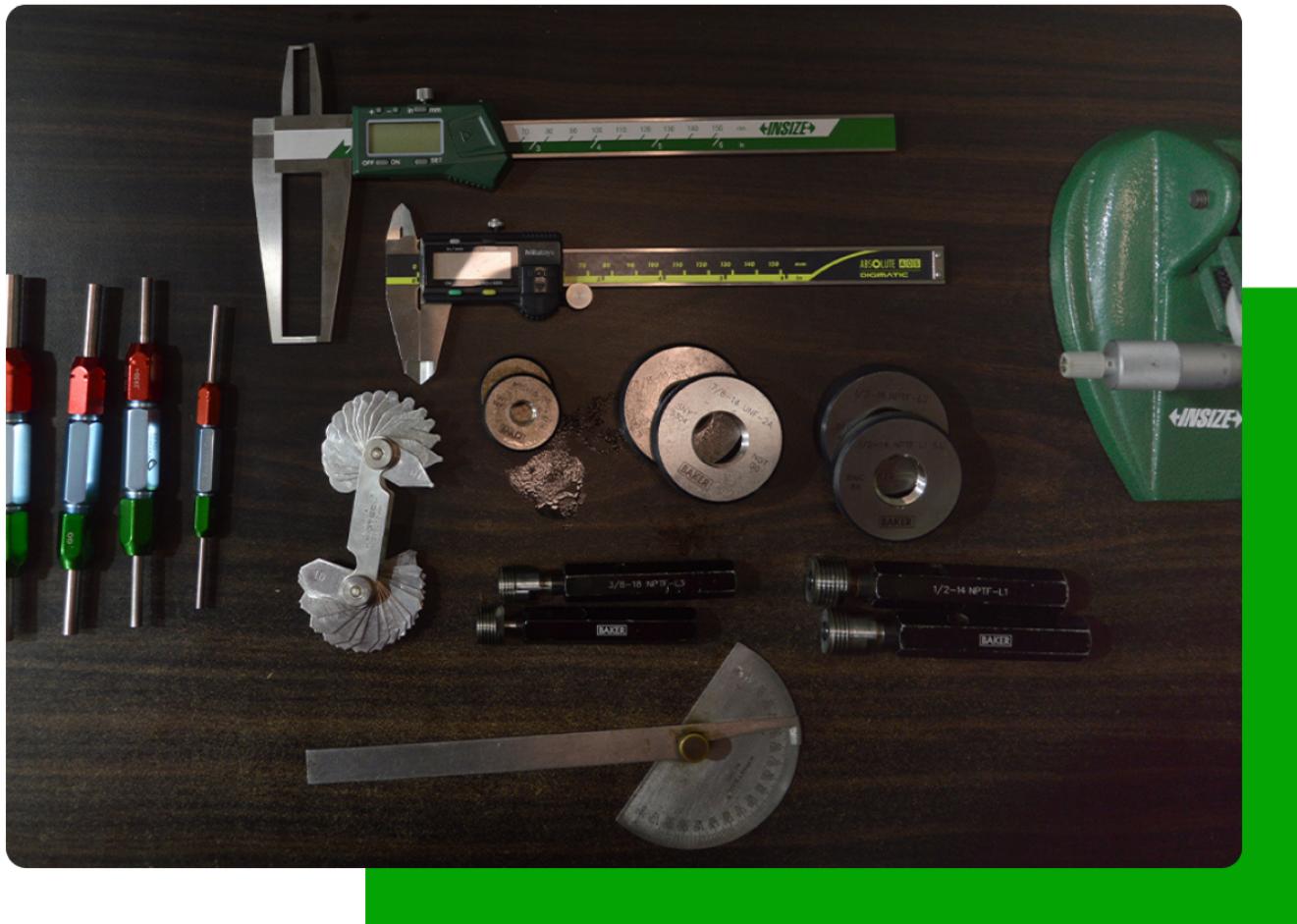
Flare X Male Pipe 45 Elbow

Flare X Male Pipe 45 Elbow

| PART NO. | TUBE SIZE | MALE PIPE SIZE |
|-----------|-----------|----------------|
| 4095-0402 | 1/4 | 1/8 |
| 4095-0404 | 1/4 | 1/4 |
| 4095-0502 | 5/16 | 1/8 |
| 4095-0504 | 5/16 | 1/4 |
| 4095-0604 | 3/8 | 1/4 |
| 4095-0606 | 3/8 | 3/8 |
| 4095-0608 | 3/8 | 1/2 |
| 4095-0806 | 1/2 | 3/8 |
| 4095-0808 | 1/2 | 1/2 |
| 4095-1006 | 5/8 | 3/8 |
| 4095-1008 | 5/8 | 1/2 |
| 4095-1208 | 3/4 | 1/2 |
| 4095-1212 | 3/4 | 3/4 |

CAPABILITIES

ISO 9001:2015 CERTIFIED



MRMPL is dedicated to manufacturing the highest quality components and fittings exceeding the expectations of our customers. Our strategic quality policy allows us to achieve this through employee education, an expert quality management system, continuous improvement, and state-of-the-art measurement equipment. Systematic quality checks from start to finish provide premier value and consistently superior products for our customers.

We apply stringent quality procedures to ensure from the first step to the last product made for your order exceeds your quality expectations. We are equipped to pack the products as per the customer's specific requirements and ensure to ship them in the stipulated time.

We are certified to ISO 9001:2015 standards.

PIPE



| Pipe Size | 1/16 | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1 |
|------------------|---------|--------|--------|--------|--------|--------|---------------------|
| Thread Size | 1/16-27 | 1/8-27 | 1/4-18 | 3/8-18 | 1/2-14 | 3/4-14 | 1-11 ^{1/2} |
| Working Pressure | 1200 | 1200 | 1200 | 1200 | 1200 | 1000 | 1000 |
| Thread OD | 1/4 | 3/8 | 1/2 | 5/8 | 3/4 | 1 | 1-1/4 |

• **Typical Application**

Grease, fuels, LP and Natural gas (available on special order), refrigeration, instrumentation and hydraulic systems.

• **Pressure**

Operating pressure up to 1200 PSI.

• **Vibration**

Fair resistance.

• **Temperature Range**

-650 F to +2500 F (-530 C to +1210 C).

• Used With Brass, bronze, copper, steel, aluminum and iron pipe.

• **Tolerance**

+/- .02 on all dimensions. Dimension

Data can change without notice. Please call us when dimensions are critical.

• **Conformance**

Meets specifications and standards of ASA, ASME and SAE

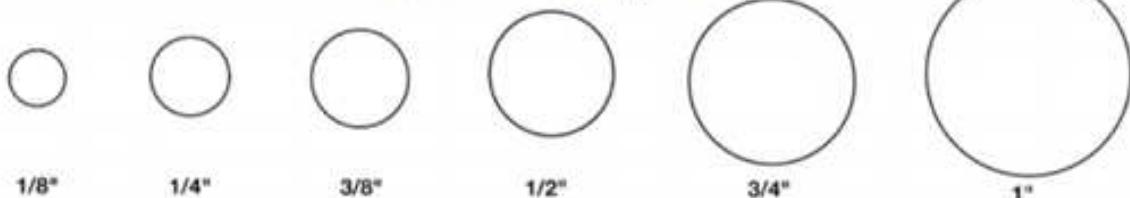
• Not lead free

• "L" at the end of a Part# means Light Pattern - these fittings are completely interchangeable with full pattern fittings, but have been modified in some way. This modification is usually in the length of the pipe threads. Used in plumbing and light industrial applications.

• **Assembly Instructions**

1-Tighten approximately 2-1/2 turns past hand tight.
2- Fittings with Everseal tighten two turns past hand tight. Brittle materials require special cautions.

Actual outside diameters of pipe threads



Actual Male Thread Profiles



PIPE



Female Pipe Elbow Barstock

Female Pipe Elbow Barstock

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6100-02 | 1/8 |
| 6100-04 | 1/4 |
| 6100-06 | 3/8 |
| 6100-08 | 1/2 |
| 6100-12 | 3/4 |

Female Pipe Tee Barstock

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6101-02 | 1/8 |
| 6101-04 | 1/4 |
| 6101-06 | 3/8 |
| 6101-08 | 1/2 |
| 6101-12 | 3/4 |



Female Pipe Tee Barstock



Female Pipe Cross Barstock

Female Pipe Cross Barstock

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6102-02 | 1/8 |
| 6102-04 | 1/4 |
| 6102-06 | 3/8 |
| 6102-08 | 1/2 |
| 6102-12 | 3/4 |

PIPE

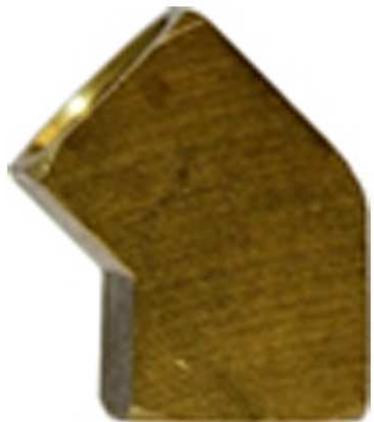


Female Pipe Coupling

| Female Pipe Coupling | |
|----------------------|-----------|
| PART NO. | PIPE SIZE |
| 6103-02 | 1/8 |
| 6103-04 | 1/4 |
| 6103-06 | 3/8 |
| 6103-08 | 1/2 |
| 6103-12 | 3/4 |
| 6103-16 | 1 |

Female Pipe 45 Elbow Barstock

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6107-02 | 1/8 |
| 6107-04 | 1/4 |
| 6107-06 | 3/8 |
| 6107-08 | 1/2 |



Female Pipe 45 Elbow Barstock



Pipe Cap

| Pipe Cap | |
|----------|-----------|
| PART NO. | PIPE SIZE |
| 6108-02 | 1/8 |
| 6108-04 | 1/4 |
| 6108-06 | 3/8 |
| 6108-08 | 1/2 |
| 6108-12 | 3/4 |
| 6108-16 | 1 |

PIPE



Cored Square Head Pipe
Plug

| Cored Square Head Pipe Plug | |
|-----------------------------|-----------|
| PART NO. | PIPE SIZE |
| 6109-02 | 1/8 |
| 6109-04 | 1/4 |
| 6109-06 | 3/8 |
| 6109-08 | 1/2 |
| 6109-12 | 3/4 |
| 6109-16 | 1 |

Pipe Lock Nut

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6111-02 | 1/8 |
| 6111-04 | 1/4 |
| 6111-06 | 3/8 |
| 6111-08 | 1/2 |
| 6111-12 | 3/4 |



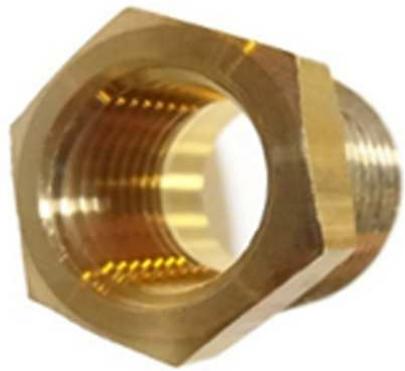
Pipe Lock Nut



Close Pipe Nipple

| Close Pipe Nipple | |
|-------------------|-----------|
| PART NO. | PIPE SIZE |
| 6112-02 | 1/8 |
| 6112-04 | 1/4 |
| 6112-06 | 3/8 |
| 6112-08 | 1/2 |
| 6112-12 | 3/4 |

PIPE



Male Pipe X Female Pipe
Hex Bushing

| Male Pipe X Female Pipe Hex Bushing | | |
|-------------------------------------|----------------|------------------|
| PART NO. | MALE PIPE SIZE | FEMALE PIPE SIZE |
| 6110-0402 | 1/4 | 1/8 |
| 6110-0602 | 3/8 | 1/8 |
| 6110-0604 | 3/8 | 1/4 |
| 6110-0802 | 1/2 | 1/8 |
| 6110-0804 | 1/2 | 1/4 |
| 6110-0806 | 1/2 | 3/8 |
| 6110-1202 | 3/4 | 1/8 |
| 6110-1204 | 3/4 | 1/4 |
| 6110-1206 | 3/4 | 3/8 |
| 6110-1208 | 3/4 | 1/2 |
| 6110-1604 | 1 | 1/4 |
| 6110-1606 | 1 | 3/8 |
| 6110-1608 | 1 | 1/2 |
| 6110-1612 | 1 | 3/4 |

Long Pipe Nipple

| PART NO. | PIPE SIZE | LENGTH IN INCH |
|-----------|-----------|----------------|
| 6113-0224 | 1/8 | 1-1/2 |
| 6113-0232 | 1/8 | 2 |
| 6113-0240 | 1/8 | 2-1/2 |
| 6113-0248 | 1/8 | 3 |
| 6113-0424 | 1/4 | 1-1/2 |
| 6113-0432 | 1/4 | 2 |
| 6113-0440 | 1/4 | 2-1/2 |
| 6113-0448 | 1/4 | 3 |
| 6113-0624 | 3/8 | 1-1/2 |
| 6113-0632 | 3/8 | 2 |
| 6113-0640 | 3/8 | 2-1/2 |
| 6113-0648 | 3/8 | 3 |
| 6113-0664 | 3/8 | 4 |
| 6113-0824 | 1/2 | 1-1/2 |
| 6113-0832 | 1/2 | 2 |
| 6113-0840 | 1/2 | 2-1/2 |
| 6113-0848 | 1/2 | 3 |
| 6113-0864 | 1/2 | 4 |
| 6113-0880 | 1/2 | 5 |
| 6113-1224 | 3/4 | 1-1/2 |
| 6113-1232 | 3/4 | 2 |
| 6113-1240 | 3/4 | 2-1/2 |
| 6113-1248 | 3/4 | 3 |



Long Pipe Nipple

PIPE



Solid Square Head Pipe
Plug

| Solid Square Head Pipe Plug | |
|-----------------------------|-----------|
| PART NO. | PIPE SIZE |
| 6114-02 | 1/8 |
| 6114-04 | 1/4 |
| 6114-06 | 3/8 |
| 6114-08 | 1/2 |

| Countersunk Plug | |
|------------------|-----------|
| PART NO. | PIPE SIZE |
| 6115-02 | 1/8 |
| 6115-04 | 1/4 |
| 6115-06 | 3/8 |
| 6115-08 | 1/2 |
| 6115-12 | 3/4 |



Countersunk Plug



Pipe Street
Elbow Barstock

| Pipe Street Elbow Barstock | | |
|----------------------------|----------------|------------------|
| PART NO. | MALE PIPE SIZE | FEMALE PIPE SIZE |
| 6116-02 | 1/8 | 1/8 |
| 6116-04 | 1/4 | 1/4 |
| 6116-06 | 3/8 | 3/8 |
| 6116-08 | 1/2 | 1/2 |
| 6116-12 | 3/4 | 3/4 |

PIPE



Pipe Slotted Plug

| PART NO. | PIPE SIZE | |
|----------|-----------|-----|
| 6117-02 | 1/8 | 1/8 |
| 6117-04 | 1/4 | 1/4 |
| 6117-06 | 3/8 | 3/8 |

Pipe Slotted Plug

Female Pipe Reducing Coupling

| PART NO. | FEMALE PIPE SIZE | FEMALE PIPE SIZE |
|-----------|------------------|------------------|
| 6119-0402 | 1/4 | 1/8 |
| 6119-0602 | 3/8 | 1/8 |
| 6119-0604 | 3/8 | 1/4 |
| 6119-0802 | 1/2 | 1/8 |
| 6119-0804 | 1/2 | 1/4 |
| 6119-0806 | 1/2 | 3/8 |
| 6119-1206 | 3/4 | 3/8 |
| 6119-1208 | 3/4 | 1/2 |



Female Pipe
Reducing Coupling

Female X Male Pipe Adapter

| PART NO. | FEMALE PIPE SIZE | MALE PIPE SIZE |
|-----------|------------------|----------------|
| 6120-0202 | 1/8 | 1/8 |
| 6120-0402 | 1/4 | 1/8 |
| 6120-0404 | 1/4 | 1/4 |
| 6120-0602 | 3/8 | 1/8 |
| 6120-0604 | 3/8 | 1/4 |
| 6120-0606 | 3/8 | 3/8 |
| 6120-0802 | 1/2 | 1/8 |
| 6120-0804 | 1/2 | 1/4 |
| 6120-0806 | 1/2 | 3/8 |
| 6120-0808 | 1/2 | 1/2 |
| 6120-1206 | 3/4 | 3/8 |
| 6120-1208 | 3/4 | 1/2 |
| 6120-1212 | 3/4 | 3/4 |



Female X Male Pipe
Adapter

PIPE

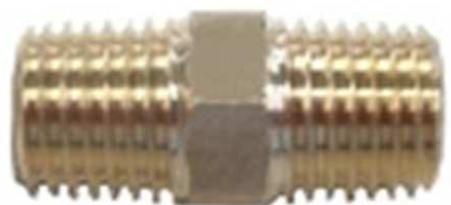


Cored Hex Head Pipe Plug

| Cored Hex Head Pipe Plug | |
|--------------------------|-----------|
| PART NO. | PIPE SIZE |
| 6121-02 | 1/8 |
| 6121-04 | 1/4 |
| 6121-06 | 3/8 |
| 6121-08 | 1/2 |
| 6121-12 | 3/4 |
| 6121-16 | 1 |

Hex Nipple

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6122-02 | 1/8 |
| 6122-04 | 1/4 |
| 6122-06 | 3/8 |
| 6122-08 | 1/2 |
| 6122-12 | 3/4 |
| 6122-16 | 1 |



Hex Nipple



Reducing Hex Nipple

| Reducing Hex Nipple | | |
|---------------------|----------------|----------------|
| PART NO. | MALE PIPE SIZE | MALE PIPE SIZE |
| 6123-0402 | 1/4 | 1/8 |
| 6123-0602 | 3/8 | 1/8 |
| 6123-0604 | 3/8 | 1/4 |
| 6123-0804 | 1/2 | 1/4 |
| 6123-0806 | 1/2 | 3/8 |
| 6123-1208 | 3/4 | 1/2 |

PIPE



45 Street Elbow
Barstock

| 45 Street Elbow Barstock | | |
|--------------------------|----------------|------------------|
| PART NO. | MALE PIPE SIZE | FEMALE PIPE SIZE |
| 6124-02 | 1/8 | 1/8 |
| 6124-04 | 1/4 | 1/4 |
| 6124-06 | 3/8 | 3/8 |
| 6124-08 | 1/2 | 1/2 |
| 6124-12 | 3/4 | 3/4 |

Solid Hex Head Pipe Plug

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6125-02 | 1/8 |
| 6125-04 | 1/4 |
| 6125-06 | 3/8 |
| 6125-08 | 1/2 |
| 6125-12 | 3/4 |
| 6125-16 | 1 |



Solid Hex Head
Pipe Plug



Pipe Street
Tee Barstock

| Pipe Street Tee Barstock | | |
|--------------------------|------------------|----------------|
| PART NO. | FEMALE PIPE SIZE | MALE PIPE SIZE |
| 6127-02 | 1/8 | 1/8 |
| 6127-04 | 1/4 | 1/4 |
| 6127-06 | 3/8 | 3/8 |
| 6127-08 | 1/2 | 1/2 |
| 6127-12 | 3/4 | 3/4 |

PIPE



Male Pipe Elbow Barstock

| Male Pipe Elbow Barstock | |
|--------------------------|-----------|
| PART NO. | PIPE SIZE |
| 6130-02 | 1/8 |
| 6130-04 | 1/4 |
| 6130-06 | 3/8 |
| 6130-08 | 1/2 |



Pipe Branch
Tee Barstock

| Pipe Branch Tee Barstock | | |
|--------------------------|----------------|------------------|
| PART NO. | MALE PIPE SIZE | FEMALE PIPE SIZE |
| 6131-02 | 1/8 | 1/8 |
| 6131-04 | 1/4 | 1/4 |
| 6131-06 | 3/8 | 3/8 |
| 6131-08 | 1/2 | 1/2 |
| 6131-12 | 3/4 | 3/4 |



Pipe Face
Bushing

| Pipe Face Bushing | | |
|-------------------|----------------|------------------|
| PART NO. | MALE PIPE SIZE | FEMALE PIPE SIZE |
| 6140-0402 | 1/4 | 1/8 |
| 6140-0602 | 3/8 | 1/8 |
| 6140-0604 | 3/8 | 1/4 |
| 6140-0802 | 1/2 | 1/8 |
| 6140-0804 | 1/2 | 1/4 |
| 6140-0806 | 1/2 | 3/8 |
| 6140-1204 | 3/4 | 1/4 |
| 6140-1206 | 3/4 | 3/8 |
| 6140-1208 | 3/4 | 1/2 |
| 6140-1612 | 1 | 3/4 |

PIPE



Female Pipe Elbow
Forged

Female Pipe Elbow Forged

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6200-02 | 1/8 |
| 6200-04 | 1/4 |
| 6200-06 | 3/8 |
| 6200-08 | 1/2 |
| 6200-12 | 3/4 |

Female Pipe Tee Forged

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6201-02 | 1/8 |
| 6201-04 | 1/4 |
| 6201-06 | 3/8 |
| 6201-08 | 1/2 |
| 6201-12 | 3/4 |



Female Pipe Tee Forged

Female Pipe Cross Forged

| PART NO. | PIPE SIZE |
|----------|-----------|
| 6202-02 | 1/8 |
| 6202-04 | 1/4 |
| 6202-06 | 3/8 |
| 6202-08 | 1/2 |
| 6202-12 | 3/4 |



Female Pipe
Cross Forged

PIPE



Male X Female
Pipe Elbow Forged

| Male X Female Pipe Elbow Forged | | |
|---------------------------------|----------------|------------------|
| PART NO. | MALE PIPE SIZE | FEMALE PIPE SIZE |
| 6216-02 | 1/8 | 1/8 |
| 6216-04 | 1/4 | 1/4 |
| 6216-06 | 3/8 | 3/8 |
| 6216-08 | 1/2 | 1/2 |
| 6216-12 | 3/4 | 3/4 |

Female X Male Reducing Pipe Elbow

| PART NO. | MALE PIPE SIZE | FEMALE PIPE SIZE |
|-----------|----------------|------------------|
| 6228-0204 | 1/8 | 1/4 |
| 6228-0402 | 1/4 | 1/8 |
| 6228-0406 | 1/4 | 3/8 |
| 6228-0604 | 3/8 | 1/4 |
| 6228-0608 | 3/8 | 1/2 |
| 6228-0806 | 1/2 | 3/8 |



Female X Male
Reducing Pipe Elbow



45 Street Elbow
Forged

45 Street Elbow Forged

| PART NO. | MALE PIPE SIZE | FEMALE PIPE SIZE |
|----------|----------------|------------------|
| 6224-02 | 1/8 | 1/8 |
| 6224-04 | 1/4 | 1/4 |
| 6224-06 | 3/8 | 3/8 |
| 6224-08 | 1/2 | 1/2 |

PIPE



Male Pipe Elbow
Forged

| Male Pipe Elbow Forged | |
|------------------------|----------------|
| PART NO. | MALE PIPE SIZE |
| 6230-02 | 1/8 |
| 6230-04 | 1/4 |
| 6230-06 | 3/8 |
| 6230-08 | 1/2 |

Male Pipe Reducing Elbow Forged

| PART NO. | MALE PIPE SIZE |
|-----------|----------------|
| 6235-0402 | 1/4 |
| 6235-0604 | 3/8 |
| 6235-0806 | 1/2 |



Male Pipe Reducing
Elbow Forged



Male Pipe Tee Forged

| Male Pipe Tee Forged | |
|----------------------|----------------|
| PART NO. | MALE PIPE SIZE |
| 6232-02 | 1/8 |
| 6232-04 | 1/4 |
| 6232-06 | 3/8 |
| 6232-08 | 1/2 |
| 6232-12 | 3/4 |

PIPE



Pipe Street Tee
Forged

Pipe Street Tee Forged

| PART NO. | FEMALE PIPE SIZE | MALE PIPE SIZE |
|----------|------------------|----------------|
| 6227-02 | 1/8 | 1/8 |
| 6227-04 | 1/4 | 1/4 |
| 6227-06 | 3/8 | 3/8 |
| 6227-08 | 1/2 | 1/2 |
| 6227-12 | 3/4 | 3/4 |



Pipe Branch Tee
Forged

Pipe Branch Tee Forged

| PART NO. | FEMALE PIPE SIZE | MALE PIPE SIZE |
|----------|------------------|----------------|
| 6231-02 | 1/8 | 1/8 |
| 6231-04 | 1/4 | 1/4 |
| 6231-06 | 3/8 | 3/8 |
| 6231-08 | 1/2 | 1/2 |
| 6231-12 | 3/4 | 3/4 |



Female Pipe
Reducing Tee Forged

Female Pipe Reducing Tee Forged

| PART NO. | FEMALE PIPE SIZE | FEMALE PIPE SIZE | FEMALE PIPE SIZE |
|-------------|------------------|------------------|------------------|
| 6206-020204 | 1/8 | 1/8 | 1/4 |
| 6206-040402 | 1/4 | 1/4 | 1/8 |
| 6206-040406 | 1/4 | 1/4 | 3/8 |
| 6206-060406 | 3/8 | 1/4 | 3/8 |
| 6206-060604 | 3/8 | 3/8 | 1/4 |
| 6206-080806 | 1/2 | 1/2 | 3/8 |
| 6206-120812 | 3/4 | 1/2 | 3/4 |
| 6206-121208 | 3/4 | 3/4 | 1/2 |

CAPABILITIES

NSF CERTIFIED

NSF International

789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

Mayank Raw Mint Pvt. Ltd.
India

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A handwritten signature of Theresa Bellish.

July 30, 2019
Certificate# C0486967 - 01

Theresa Bellish
General Manager, Water Systems

We are one of the very few companies in India to be certified by NSF/ANSI 61, which gives us an opportunity to bear the NSF mark on the Leadfree products that we manufacture. We take immense pride in maintaining the quality of lead-free products. What we are doing is:

- Investing heavily in research and development of Lead-Free materials and products
- Clearly identifying Lead-Free products through new labels and other identifiers
- Ensuring supply chain and/or production process integrity
- State-of-the-art machine shop dedicated to Lead-Free production
- Having our Lead Free* products third-party certified for compliance
- Working with our suppliers to ensure compliance with our specifications

PUSH ON HOSE BARB



- **Typical Application**

Low Pressure Air, Fuel, Lube, and Oil Lines

- Pressure determined by tube material and hardness. Our Parts have been tested to max 150 PSI.

Advantages: Easy assembly. No clamps needed!!

- **Assembly Instructions**

1- Lubricate insert.

2- Hold hose at angle as shown & push on and up over first barb.

3- Continue to push straight on until hose is seated under protective plastic cap. Keep hands back from hose end area so that hose can expand. Actual Profile of Push On Barbs

- **Disassembling Instructions**

1- Split hose. Do not cut completely through hose. Sealing edge of barb could be damaged.

2- Bend hose and remove with a quick pull.

PUSH ON BARB FITTINGS See lead free section for lead free push-on barb fittings.

Stainless steel available at the end of this section.

Actual Profile of Push On Barbs

.345



.41



.47



.60



.725



.85



PUSH ON HOSE BARB



Push On Hose Barb X
Male Adapter

| Push On Hose Barb X Male Adapter | | |
|----------------------------------|---------|-----------|
| PART NO. | HOSE ID | PIPE SIZE |
| 7201-0402 | 1/4 | 1/8 |
| 7201-0404 | 1/4 | 1/4 |
| 7201-0406 | 1/4 | 3/8 |
| 7201-0502 | 5/16 | 1/8 |
| 7201-0504 | 5/16 | 1/4 |
| 7201-0602 | 3/8 | 1/8 |
| 7201-0604 | 3/8 | 1/4 |
| 7201-0606 | 3/8 | 3/8 |
| 7201-0608 | 3/8 | 1/2 |
| 7201-0612 | 3/8 | 3/4 |
| 7201-0804 | 1/2 | 1/4 |
| 7201-0806 | 1/2 | 3/8 |
| 7201-0808 | 1/2 | 1/2 |
| 7201-0812 | 1/2 | 3/4 |
| 7201-1006 | 5/8 | 3/8 |
| 7201-1008 | 5/8 | 1/2 |
| 7201-1012 | 5/8 | 3/4 |
| 7201-1208 | 3/4 | 1/2 |
| 7201-1212 | 3/4 | 3/4 |
| 7201-1612 | 1 | 3/4 |
| 7201-1616 | 1 | 1 |

Push On Hose Splicer

| PART NO. | HOSE ID |
|----------|---------|
| 7214-04 | 1/4 |
| 7214-05 | 5/16 |
| 7214-06 | 3/8 |
| 7214-08 | 1/2 |
| 7214-10 | 5/8 |
| 7214-12 | 3/4 |
| 7214-16 | 1 |



Push On Hose Splicer

PUSH ON HOSE BARB



Push On Hose Barb X
Male Adapter

Push On Hose Barb X Male Adapter

| PART NO. | HOSE ID | PIPE SIZE |
|-----------|---------|-----------|
| 7207-0402 | 1/4 | 1/8 |
| 7207-0404 | 1/4 | 1/4 |
| 7207-0406 | 1/4 | 3/8 |
| 7207-0502 | 5/16 | 1/8 |
| 7207-0504 | 5/16 | 1/4 |
| 7207-0602 | 3/8 | 1/8 |
| 7207-0604 | 3/8 | 1/4 |
| 7207-0606 | 3/8 | 3/8 |
| 7207-0608 | 3/8 | 1/2 |
| 7207-0612 | 3/8 | 3/4 |
| 7207-0804 | 1/2 | 1/4 |
| 7207-0806 | 1/2 | 3/8 |
| 7207-0808 | 1/2 | 1/2 |
| 7207-0812 | 1/2 | 3/4 |
| 7207-1006 | 5/8 | 3/8 |
| 7207-1008 | 5/8 | 1/2 |
| 7207-1012 | 5/8 | 3/4 |
| 7207-1208 | 3/4 | 1/2 |
| 7207-1212 | 3/4 | 3/4 |
| 7207-1612 | 1 | 3/4 |
| 7207-1616 | 1 | 1 |

Push On Hose Barb Male Elbow

| PART NO. | HOSE ID | PIPE SIZE |
|-----------|---------|-----------|
| 7220-0402 | 1/4 | 1/8 |
| 7220-0404 | 1/4 | 1/4 |
| 7220-0502 | 5/16 | 1/8 |
| 7220-0504 | 5/16 | 1/4 |
| 7220-0602 | 3/8 | 1/8 |
| 7220-0604 | 3/8 | 1/4 |
| 7220-0606 | 3/8 | 3/8 |
| 7220-0608 | 3/8 | 1/2 |
| 7220-0806 | 1/2 | 3/8 |
| 7220-0808 | 1/2 | 1/2 |
| 7220-1008 | 5/8 | 1/2 |
| 7220-1208 | 3/4 | 1/2 |
| 7220-1212 | 3/4 | 3/4 |



Push On Hose Barb
Male Elbow

CAPABILITIES

CUSTOM COMPONENTS & ASSEMBLY



Lead-Free Fittings and Leaded fittings are available for immediate ordering and shipping. Should you require special fitting applications please contact us and we will help you design and implement a fitting for your specific system requirements.

We are well equipped to supply fittings with complex machining from size 5 mm to as big as 135 mm in various metals such as Brass, Bronze, Aluminium and Stainless Steel.

We can also provide a vibraseal applied fittings with 503 or 513 Loctite in white and red colors.

GARDEN HOSE



- **Temperature and Working Pressure**

Ranges From +350 F to +1000 F at 75 PSI maximum or the recommended working pressure of the garden hose. (Not to exceed 150 PSI.)

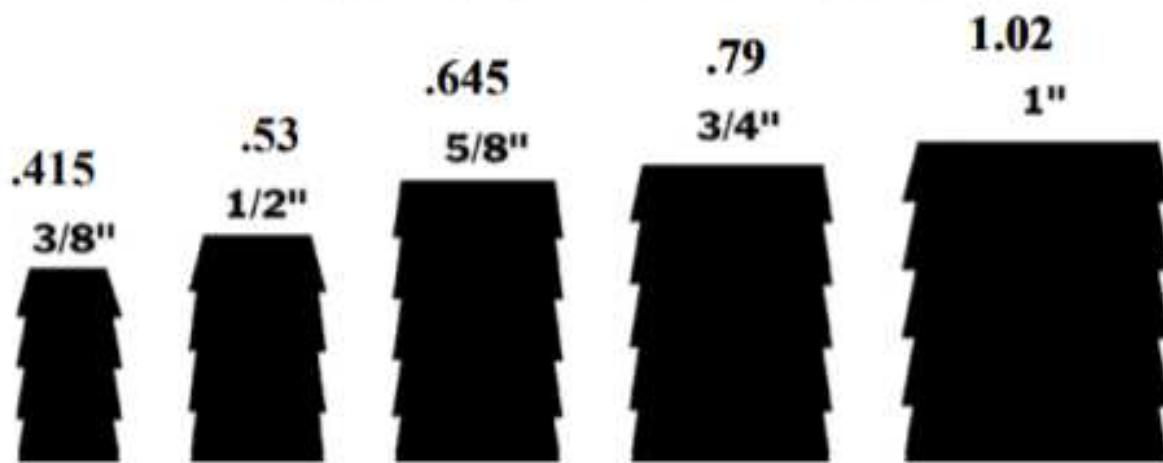
Note: All female connector ends should have a rubber washer inserted prior to usage.

FGH = Female Garden Hose threads

MGH = Male Garden Hose threads

Male garden hose threads are all 3/4" with an outside diameter of 1.0625 and 11-1/2" threads per inch.

Actual Profile of Garden Hose Barbs



GARDEN HOSE



Garden Male Hose
X Female Pipe

| Garden Male Hose X Female Pipe | | |
|--------------------------------|-----|-----------|
| PART NO. | MGH | PIPE SIZE |
| 7480-1204 | 3/4 | 1/4 |
| 7480-1206 | 3/4 | 3/8 |
| 7480-1208 | 3/4 | 1/2 |
| 7480-1212 | 3/4 | 3/4 |



Garden Hose Barb
Female Swivel

| Garden Hose Barb Female Swivel | | |
|--------------------------------|---------|-----|
| PART NO. | HOSE ID | FGH |
| 7046-0612 | 3/8 | 3/4 |
| 7046-0812 | 1/2 | 3/4 |
| 7046-1012 | 5/8 | 3/4 |
| 7046-1212 | 3/4 | 3/4 |
| 7046-1612 | 1 | 3/4 |



Hose Barb X Garden
Hose Male Adapter

| Hose Barb X Garden Hose Male Adapter | | |
|--------------------------------------|---------|-----|
| PART NO. | HOSE ID | MGH |
| 7048-0612 | 3/8 | 3/4 |
| 7048-0812 | 1/2 | 3/4 |
| 7048-1012 | 5/8 | 3/4 |
| 7048-1212 | 3/4 | 3/4 |
| 7048-1612 | 1 | 3/4 |

GARDEN HOSE



| GH Female Union | |
|-----------------|-----|
| PART NO. | FGH |
| M707402-12 | 3/4 |

GH Female Union

| GH Cap | |
|----------|-----|
| PART NO. | FGH |
| 7404-12 | 3/4 |



GH Cap



| GH Hex Nut | |
|------------|-----|
| PART NO. | FGH |
| 7406-12 | 3/4 |

GH Hex Nut

| GH Round Nut | | |
|--------------|-----|-----|
| PART NO. | FGH | |
| 7407-12 | 3/4 | 3/4 |



GH Round Nut

GARDEN HOSE



| Female Garden Hose X Fip Adapter | | |
|----------------------------------|-----|-----------|
| PART NO. | FGH | PIPE SIZE |
| 7411-1202 | 3/4 | 1/8 |
| 7411-1208 | 3/4 | 1/2 |
| 7411-1212 | 3/4 | 3/4 |

Female Garden
Hose X Fip Adapter



| Garden Male Hose X Male Pipe X Female Pipe Adapter | | | |
|--|-----|----------------|------------------|
| PART NO. | FGH | MALE PIPE SIZE | FEMALE PIPE SIZE |
| 7478-1204 | 3/4 | 1/4 | |
| 7478-1206 | 3/4 | 3/8 | |
| 7478-1208 | 3/4 | 1/2 | |
| 7478-1212 | 3/4 | 3/4 | |
| 7478-121208 | 3/4 | 3/4 | 1/2 TAP |

Garden Male Hose
X Male Pipe X
Female Pipe
Adapter



| Garden Male Hose X Female Pipe Union | | | |
|--------------------------------------|-----|-----|------------------|
| PART NO. | MGH | MGH | FEMALE PIPE SIZE |
| 7486-1212 | 3/4 | 3/4 | |
| 7486-121208 | 3/4 | 3/4 | 1/2 TAP |

Garden Male Hose X
Female Pipe Union

CAPABILITIES

CNC MILLING & TURNING



Lead-Free Fittings and Leaded fittings are available for immediate ordering and shipping. Should you require special fitting applications please contact us and we will help you design and implement a fitting for your specific system requirements.

We are well equipped to supply fittings with complex machining from size 5 mm to as big as 135 mm in various metals such as Brass, Bronze, Aluminium and Stainless Steel.

We can also provide a vibraseal applied fittings with 503 or 513 Loctite in white and red colors.

STEEL



Many factors such as impulse, vibration, mechanical shock, and improper assembly may affect the integrity of the fitting connection.

We recommend sufficient testing be conducted to ensure that performance levels will be safe and satisfactory, especially if installed in systems operating at elevated pressures or in severe conditions. Working pressure ratings are capable of a 4 to 1 minimum burst. All steel fittings meet or exceed the minimum SAE pressure ratings. Always consider the application and maximum pressure requirements when selecting fittings.

METHODS FOR INSTALLING FITTINGS

There are three methods for installing a fitting:

- Torque wrench
- Flats From Wrench Resistance
- Turns From Finger Tight

For Flare and NPSM Fittings, we recommend the flats from the wrench resistance method be used whenever possible.

The differences in material, plating, and surface finish impact the coefficient of friction when installing or connecting fittings. To minimize these variances, We recommend that fitting connections are lubricated when installed. Connections that are lubricated provide a more accurate installation torque, which results in fewer leaks.

STEEL FITTINGS



Long JIC Tube Nut

| Long JIC Tube Nut | |
|-------------------|----------|
| PART NO. | TUBE O.D |
| ST03044 | 1/4 |
| ST03045 | 5/16 |
| ST03046 | 3/8 |
| ST03048 | 1/2 |
| ST030410 | 5/8 |
| ST030412 | 3/4 |
| ST030416 | 1 |

| Cap | |
|-----------|----------|
| PART NO. | TUBE O.D |
| ST0304C2 | 1/8 |
| ST0304C3 | 3/16 |
| ST0304C4 | 1/4 |
| ST0304C5 | 5/16 |
| ST0304C6 | 3/8 |
| ST0304C8 | 1/2 |
| ST0304C10 | 5/8 |
| ST0304C12 | 3/4 |
| ST0304C14 | 7/8 |
| ST0304C16 | 1 |
| ST0304C20 | 1-1/4 |
| ST0304C24 | 1-1/2 |
| ST0304C32 | 2 |



Cap

STEEL FITTINGS



JIC Tube Union

| JIC Tube Union | | |
|----------------|-----------------|-----------------|
| PART NO. | JIC TUBE SIZE 1 | JIC TUBE SIZE 2 |
| ST240322 | 1/8 | 1/8 |
| ST240333 | 3/16 | 3/16 |
| ST240344 | 1/4 | 1/4 |
| ST240355 | 5/16 | 5/16 |
| ST240364 | 3/8 | 1/4 |
| ST240366 | 3/8 | 3/8 |
| ST240384 | 1/2 | 1/4 |
| ST240388 | 1/2 | 1/2 |
| ST240386 | 1/2 | 3/8 |
| ST2403106 | 5/8 | 3/8 |
| ST2403108 | 5/8 | 1/2 |
| ST24031010 | 5/8 | 5/8 |
| ST2403126 | 3/4 | 3/8 |
| ST2403128 | 3/4 | 1/2 |
| ST24031210 | 3/4 | 5/8 |
| ST24031212 | 3/4 | 3/4 |
| ST24031414 | 7/8 | 7/8 |
| ST24031612 | 1 | 3/4 |
| ST24031616 | 1 | 1 |
| ST24032016 | 1-1/4 | 1 |
| ST24032020 | 1-1/4 | 1-1/4 |
| ST240332 | 2 | 2 |

JIC Tube Nut

| PART NO. | TUBE O.D. |
|----------|-----------|
| ST03182 | 1/8 |
| ST03183 | 3/16 |
| ST03184 | 1/4 |
| ST03185 | 5/16 |
| ST03186 | 3/8 |
| ST03188 | 1/2 |
| ST031810 | 5/8 |
| ST031812 | 3/4 |
| ST031814 | 7/8 |
| ST031816 | 1 |
| ST031820 | 1-1/4 |
| ST031824 | 1-1/2 |
| ST031832 | 2 |



JIC Tube Nut

STEEL FITTINGS



JIC Tube Sleeve

| JIC Tube Sleeve | |
|-----------------|----------|
| PART NO. | TUBE O.D |
| ST03192 | 1/8 |
| ST03193 | 3/16 |
| ST03194 | 1/4 |
| ST03195 | 5/16 |
| ST03196 | 3/8 |
| ST03198 | 1/2 |
| ST031910 | 5/8 |
| ST031912 | 3/4 |
| ST031914 | 7/8 |
| ST031916 | 1 |
| ST031920 | 1-1/4 |
| ST031924 | 1-1/2 |
| ST031932 | 2 |

| Plug | |
|----------|----------|
| PART NO. | TUBE O.D |
| ST24082 | 1/8 |
| ST24083 | 3/16 |
| ST24084 | 1/4 |
| ST24085 | 5/16 |
| ST24086 | 3/8 |
| ST24088 | 1/2 |
| ST240810 | 5/8 |
| ST240812 | 3/4 |
| ST240814 | 7/8 |
| ST240816 | 1 |
| ST240820 | 1-1/4 |
| ST240824 | 1-1/2 |
| ST240832 | 2 |



Plug

STEEL FITTINGS



JIC Male
Connector

| JIC Male Connector | | |
|--------------------|-----------------|--------------------|
| PART NO. | JIC TUBE SIZE 1 | MALE PIPE THREAD 2 |
| ST240422 | 1/8 | 1/8 |
| ST240442 | 1/4 | 1/8 |
| ST240444 | 1/4 | 1/4 |
| ST240446 | 1/4 | 3/8 |
| ST240448 | 1/4 | 1/2 |
| ST240454 | 5/16 | 1/4 |
| ST240462 | 3/8 | 1/8 |
| ST240464 | 3/8 | 1/4 |
| ST240466 | 3/8 | 3/8 |
| ST240468 | 3/8 | 1/2 |
| ST2404612 | 3/8 | 3/4 |
| ST240484 | 1/2 | 1/4 |
| ST240486 | 1/2 | 3/8 |
| ST240488 | 1/2 | 1/2 |
| ST2404812 | 1/2 | 3/4 |
| ST2404816 | 1/2 | 1 |
| ST2404104 | 5/8 | 1/4 |
| ST2404106 | 5/8 | 3/8 |
| ST2404108 | 5/8 | 1/2 |
| ST24041012 | 5/8 | 3/4 |
| ST2404126 | 3/4 | 3/8 |
| ST2404128 | 3/4 | 1/2 |
| ST24041212 | 3/4 | 3/4 |
| ST24041216 | 3/4 | 1 |
| ST24041612 | 1 | 3/4 |
| ST24041616 | 1 | 1 |
| ST24041620 | 1 | 1-1/4 |
| ST24041624 | 1 | 1-1/2 |
| ST24042012 | 1-1/4 | 3/4 |
| ST24042016 | 1-1/4 | 1 |
| ST24042020 | 1-1/4 | 1-1/4 |
| ST24042024 | 1-1/4 | 1-1/2 |
| ST24042416 | 1-1/2 | 1 |
| ST24042420 | 1-1/2 | 1-1/4 |
| ST24042424 | 1-1/2 | 1-1/2 |
| ST24042432 | 1-1/2 | 2 |
| ST24043220 | 2 | 1-1/4 |
| ST24043224 | 2 | 1-1/2 |
| ST24043232 | 2 | 2 |

STEEL FITTINGS



JIC Female
Connector

| JIC Female Connector | | |
|----------------------|-----------------|--------------------|
| PART NO. | JIC TUBE SIZE 1 | FEMALE PIPE SIZE 2 |
| ST240522 | 1/8 | 1/8 |
| ST240532 | 3/16 | 1/8 |
| ST240542 | 1/4 | 1/8 |
| ST240544 | 1/4 | 1/4 |
| ST240546 | 1/4 | 3/8 |
| ST240562 | 3/8 | 1/8 |
| ST240564 | 3/8 | 1/4 |
| ST240566 | 3/8 | 3/8 |
| ST240568 | 3/8 | 1/2 |
| ST240584 | 1/2 | 1/4 |
| ST240586 | 1/2 | 3/8 |
| ST240588 | 1/2 | 1/2 |
| ST2405812 | 1/2 | 3/4 |
| ST2405106 | 5/8 | 3/8 |
| ST2405108 | 5/8 | 1/2 |
| ST2405128 | 3/4 | 1/2 |
| ST24051212 | 3/4 | 3/4 |
| ST24051216 | 3/4 | 1 |
| ST24051612 | 1 | 3/4 |
| ST24051616 | 1 | 1 |
| ST24051620 | 1 | 1-1/4 |
| ST24052020 | 1-1/4 | 1-1/4 |
| ST24052024 | 1-1/4 | 1-1/2 |
| ST24052424 | 1-1/2 | 1-1/2 |
| ST24053232 | 2 | 2 |

Lock Nut

| PART NO. | TUBE SIZE |
|----------|-----------|
| ST3062 | 1/8 |
| ST3064 | 1/4 |
| ST3065 | 5/16 |
| ST3066 | 3/8 |
| ST3068 | 1/2 |
| ST30610 | 5/8 |
| ST30612 | 3/4 |
| ST30614 | 7/8 |
| ST30616 | 1 |
| ST30620 | 1-1/4 |



Lock Nut

STEEL FITTINGS



JIC Reducer/
Expander

| JIC Reducer/ Expander | | |
|-----------------------|-------------------|---------------------|
| PART NO. | MALE JICTUBE SIZE | MALE JICTUBE SIZE 2 |
| ST240664 | 3/8 | 1/4 |
| ST240666 | 3/8 | 3/8 |
| ST240668 | 3/8 | 1/2 |
| ST240684 | 1/2 | 1/4 |
| ST240686 | 1/2 | 3/8 |
| ST2406810 | 1/2 | 5/8 |
| ST2406812 | 1/2 | 3/4 |
| ST2406104 | 5/8 | 1/4 |
| ST2406106 | 5/8 | 3/8 |
| ST2406108 | 5/8 | 1/2 |
| ST2406124 | 3/4 | 1/4 |
| ST2406126 | 3/4 | 3/8 |
| ST2406128 | 3/4 | 1/2 |
| ST24061210 | 3/4 | 5/8 |
| ST24061216 | 3/4 | 1 |
| ST2406164 | 1 | 1/4 |
| ST2406166 | 1 | 3/8 |
| ST2406168 | 1 | 1/2 |
| ST24061612 | 1 | 3/4 |
| ST24061620 | 1 | 1-1/4 |
| ST2406208 | 1-1/4 | 1/2 |
| ST24062012 | 1-1/4 | 3/4 |
| ST24062016 | 1-1/4 | 1 |
| ST24062416 | 1-1/2 | 1 |
| ST24062420 | 1-1/2 | 1-1/4 |
| ST24063224 | 2 | 1-1/2 |

JIC Bulkhead Union

| PART NO. | JIC TUBE SIZE 1 | JIC TUBE SIZE 2 |
|----------|-----------------|-----------------|
| ST270022 | 1/8 | 1/8 |
| ST270044 | 1/4 | 1/4 |
| ST270055 | 5/16 | 5/16 |
| ST270066 | 3/8 | 3/8 |
| ST27008 | 1/2 | 1/2 |
| ST270010 | 5/8 | 5/8 |
| ST270012 | 3/4 | 3/4 |
| ST270014 | 7/8 | 7/8 |
| ST270016 | 1 | 1 |
| ST270024 | 1-1/2 | 1-1/2 |
| ST270032 | 2 | 2 |



JIC Bulkhead
Union

STEEL FITTINGS



Pipe Coupling

| Pipe Coupling | | |
|---------------|---------------|---------------|
| PART NO. | FEMALE PIPE 1 | FEMALE PIPE 2 |
| ST50002 | 1/8 | 1/8 |
| ST500042 | 1/4 | 1/8 |
| ST50004 | 1/4 | 1/4 |
| ST500064 | 3/8 | 1/4 |
| ST500066 | 3/8 | 3/8 |
| ST500084 | 1/2 | 1/4 |
| ST500086 | 1/2 | 3/8 |
| ST50008 | 1/2 | 1/2 |
| ST5000126 | 3/4 | 3/8 |
| ST5000128 | 3/4 | 1/2 |
| ST50001212 | 3/4 | 3/4 |
| ST5000168 | 1 | 1/2 |
| ST50001612 | 1 | 3/4 |
| ST500016 | 1 | 1 |
| ST50002016 | 1-1/4 | 1 |
| ST50002020 | 1-1/4 | 1-1/4 |
| ST500024 | 1-1/2 | 1-1/2 |
| ST500032 | 2 | 2 |

Hex Head Plug

| PART NO. | MALE PIPE |
|-----------|-----------|
| ST5406P2 | 1/8 |
| ST5406P4 | 1/4 |
| ST5406P6 | 3/8 |
| ST5406P8 | 1/2 |
| ST5406P12 | 3/4 |
| ST5406P16 | 1 |
| ST5406P20 | 1-1/4 |
| ST5406P24 | 1-1/2 |
| ST5406P32 | 2 |



Hex Head Plug

STEEL FITTINGS



**Expanding Pipe
Adapter**

| Expanding Pipe Adapter | | |
|------------------------|-------------|---------------|
| PART NO. | MALE PIPE 1 | FEMALE PIPE 2 |
| ST540522 | 1/8 | 1/8 |
| ST540524 | 1/8 | 1/4 |
| ST540542 | 1/4 | 1/8 |
| ST540544 | 1/4 | 1/4 |
| ST540546 | 1/4 | 3/8 |
| ST540548 | 1/4 | 1/2 |
| ST540564 | 3/8 | 1/4 |
| ST540566 | 3/8 | 3/8 |
| ST540568 | 3/8 | 1/2 |
| ST5405612 | 3/8 | 3/4 |
| ST540588 | 1/2 | 1/2 |
| ST5405812 | 1/2 | 3/4 |
| ST5405816 | 1/2 | 1 |
| ST5405128 | 3/4 | 1/2 |
| ST54051212 | 3/4 | 3/4 |
| ST54051216 | 3/4 | 1 |
| ST54051220 | 3/4 | 1-1/4 |
| ST54051616 | 1 | 1 |
| ST54051620 | 1 | 1-1/4 |
| ST54051624 | 1 | 1-1/2 |
| ST54052020 | 1-1/4 | 1-1/4 |
| ST54052024 | 1-1/4 | 1-1/2 |
| ST54052424 | 1-1/2 | 1-1/2 |

Hollow Hex Plug BSPP

| PART NO. | MALE BSPP |
|-----------|-----------|
| ST9522H2 | 1/8-28 |
| ST9522H4 | 1/4-19 |
| ST9522H6 | 3/8-19 |
| ST9522H8 | 1/2-14 |
| ST9522H12 | 3/4-14 |
| ST9522H16 | 1-11 |



**Hollow Hex
Plug BSPP**

STEEL FITTINGS



Male Connector

| Male Connector | | |
|----------------|-----------------|-----------------|
| PART NO. | JIC TUBE SIZE 1 | METRIC THREAD 2 |
| ST7005410 | 1/4 | 10x1.0 |
| ST7005412 | 1/4 | 12x1.5 |
| ST7005414 | 1/4 | 14x1.5 |
| ST7005418 | 1/4 | 18x1.5 |
| ST7005512 | 5/16 | 12x1.5 |
| ST7005514 | 5/16 | 14x1.5 |
| ST7005614 | 3/8 | 14x1.5 |
| ST7005616 | 3/5 | 16x1.5 |
| ST7005618 | 3/5 | 18x1.5 |
| ST7005816 | 1/2 | 16x1.5 |
| ST7005818 | 1/2 | 18x1.5 |
| ST7005822 | 1/2 | 22x1.5 |
| ST70051018 | 5/8 | 18x1.5 |
| ST70051020 | 5/8 | 20x1.5 |
| ST70051022 | 5/8 | 22x1.5 |
| ST70051222 | 3/4 | 22x1.5 |
| ST70051227 | 3/4 | 27x1.5 |

Hollow Hex Plug

| PART NO. | MALE PIPE |
|-------------|-----------|
| ST5406HHP2 | 1/8 |
| ST5406HHP4 | 1/4 |
| ST5406HHP6 | 3/8 |
| ST5406HHP8 | 1/2 |
| ST5406HHP12 | 3/4 |
| ST5406HHP16 | 1 |
| ST5406HHP20 | 1-1/4 |
| ST5406HHP24 | 1-1/2 |
| ST5406HHP32 | 2 |



Hollow Hex Plug

STEEL FITTINGS



Hex Pipe Nipples

| Hex Pipe Nipples | | |
|------------------|-------------|-------------|
| PART NO. | MALE PIPE 1 | MALE PIPE 2 |
| ST54042 | 1/8 | 1/8 |
| ST540442 | 1/4 | 1/8 |
| ST54044 | 1/4 | 1/4 |
| ST540462 | 3/8 | 1/8 |
| ST540464 | 3/8 | 1/4 |
| ST54046 | 3/8 | 3/8 |
| ST540484 | 1/2 | 1/4 |
| ST540486 | 1/2 | 3/8 |
| ST54048 | 1/2 | 1/2 |
| ST5404126 | 3/4 | 3/8 |
| ST5404128 | 3/4 | 1/2 |
| ST540412 | 3/4 | 3/4 |
| ST5404166 | 1 | 3/8 |
| ST5404168 | 1 | 1/2 |
| ST54041612 | 1 | 3/4 |
| ST540416 | 1 | 1 |
| ST54042012 | 1-1/4 | 3/4 |
| ST54042016 | 1-1/4 | 1 |
| ST540420 | 1-1/4 | 1-1/4 |
| ST54042412 | 1-1/2 | 3/4 |
| ST54042416 | 1-1/2 | 1 |
| ST54042420 | 1-1/2 | 1-1/4 |
| ST540424 | 1-1/2 | 1-1/2 |
| ST54043224 | 2 | 1-1/2 |
| ST540432 | 2 | 2 |

Pipe Cap

| PART NO. | FEMALE PIPE |
|-----------|-------------|
| ST5406C2 | 1/8 |
| ST5406C4 | 1/4 |
| ST5406C6 | 3/8 |
| ST5406C8 | 1/2 |
| ST5406C12 | 3/4 |
| ST5406C16 | 1 |



Pipe Cap

STEEL FITTINGS



**Hex Reducer
Bushing**

| Hex Reducer Bushing | | |
|---------------------|-----------|-------------|
| PART NO. | MALE PIPE | FEMALE PIPE |
| ST540642 | 1/4 | 1/8 |
| ST540662 | 3/8 | 1/8 |
| ST540664 | 3/8 | 1/4 |
| ST540682 | 1/2 | 1/8 |
| ST540684 | 1/2 | 1/4 |
| ST540686 | 1/2 | 3/8 |
| ST5406122 | 3/4 | 1/8 |
| ST5406124 | 3/4 | 1/4 |
| ST5406126 | 3/4 | 3/8 |
| ST5406128 | 3/4 | 1/2 |
| ST5406164 | 1 | 1/4 |
| ST5406166 | 1 | 3/8 |
| ST5406168 | 1 | 1/2 |
| ST54061612 | 1 | 3/4 |
| ST5406204 | 1-1/4 | 1/4 |
| ST5406206 | 1-1/4 | 3/8 |
| ST5406208 | 1-1/4 | 1/2 |
| ST54062012 | 1-1/4 | 3/4 |
| ST54062016 | 1-1/4 | 1 |
| ST5406248 | 1-1/2 | 1/2 |
| ST54062412 | 1-1/2 | 3/4 |
| ST54062416 | 1-1/2 | 1 |
| ST54062420 | 1-1/2 | 1-1/4 |
| ST5406328 | 2 | 1/2 |
| ST54063212 | 2 | 3/4 |
| ST54063216 | 2 | 1 |
| ST54063220 | 2 | 1-1/4 |
| ST54063224 | 2 | 1-1/2 |

| JIC To BSPP Male Connector | | |
|----------------------------|-----------------|-------------|
| PART NO. | JIC TUBE SIZE 1 | MALE BSPP 2 |
| ST700242 | 1/4 | 1/8-28 |
| ST700244 | 1/4 | 1/4-19 |
| ST700246 | 1/4 | 3/8-19 |
| ST700248 | 1/4 | 1/2-14 |
| ST700264 | 3/8 | 1/4-19 |
| ST700266 | 3/5 | 3/8-19 |
| ST700268 | 3/5 | 1/2-14 |
| ST700286 | 1/2 | 3/8-19 |
| ST700288 | 1/2 | 1/2-14 |
| ST7002812 | 1/2 | 3/4-14 |
| ST7002108 | 5/8 | 1/2-14 |
| ST70021212 | 3/4 | 3/4-14 |
| ST70021216 | 3/4 | 1-11 |
| ST70021616 | 1 | 1-11 |



**JIC To BSPP
Male Connector**

STEEL FITTINGS



Female Adaptor BSPP

| Female Adapter BSPP | | |
|---------------------|---------------|-------------|
| PART NO. | FEMALE PIPE 1 | MALE BSPP 2 |
| ST704222 | 1/8 | 1/8-28 |
| ST704242 | 1/4 | 1/8-28 |
| ST704244 | 1/4 | 1/4-19 |
| ST704266 | 3/8 | 3/8-19 |
| ST704288 | 1/2 | 1/2-14 |
| ST70421212 | 3/4 | 3/4-14 |
| ST70421616 | 1 | 1-11 |

Hollow Hex Plug BSPP

| PART NO. | MALE BSPP |
|-----------|-----------|
| ST9522H2 | 1/8-28 |
| ST9522H4 | 1/4-19 |
| ST9522H6 | 3/8-19 |
| ST9522H8 | 1/2-14 |
| ST9522H12 | 3/4-14 |
| ST9522H16 | 1-11 |



Hex Head Plug BSPP



Square Head Plug

Square Head Plug

| PART NO. | MALE PIPE |
|-------------|-----------|
| ST5406SHP2 | 1/8 |
| ST5406SHP4 | 1/4 |
| ST5406SHP6 | 3/8 |
| ST5406SHP8 | 1/2 |
| ST5406SHP12 | 3/4 |
| ST5406SHP16 | 1 |
| ST5406SHP20 | 1-1/4 |
| ST5406SHP24 | 1-1/2 |
| ST5406SHP32 | 2 |

STEEL FITTINGS



**Flush Hollow Hex
Plug**

Flush Hollow Hex Plug

| PART NO. | MALE PIPE |
|-------------|-----------|
| ST5406FLP2 | 1/8 |
| ST5406FLP4 | 1/4 |
| ST5406FLP6 | 3/8 |
| ST5406FLP8 | 1/2 |
| ST5406FLP12 | 3/4 |

| O-Ring To 37° JIC-Swivel Adaptor | | |
|----------------------------------|---------------|-----------------|
| PART NO. | O-RING TUBE 1 | JIC TUBE SIZE 2 |
| ST6402044 | 1/4 | 1/4 |
| ST6402046 | 1/4 | 3/8 |
| ST6402066 | 3/8 | 3/8 |
| ST6402068 | 3/8 | 1/2 |
| ST6402086 | 1/2 | 3/8 |
| ST6402088 | 1/2 | 1/2 |
| ST64020810 | 1/2 | 5/8 |
| ST64020108 | 5/8 | 1/2 |
| ST640201010 | 5/8 | 5/8 |
| ST640201212 | 3/4 | 3/4 |
| ST640201616 | 1 | 1 |
| ST640202020 | 1-1/4 | 1-1/4 |



**O-Ring To 37°
JIC Swivel Adaptor**



**O-Ring Hex
Nipple Union**

O-Ring Hex Nipple Union

| PART NO. | O-RING TUBE 1 | O-RING TUBE 2 |
|-----------|---------------|---------------|
| ST640304 | 1/4 | 1/4 |
| ST640306 | 3/8 | 3/8 |
| ST640308 | 1/2 | 1/2 |
| ST6403012 | 3/4 | 3/4 |
| ST6403016 | 1 | 1 |

STEEL FITTINGS



JIC To O-Ring
Connector

| JIC To O-Ring Connector | | |
|-------------------------|-----------------|---------------|
| PART NO. | JIC TUBE SIZE 1 | O-RING TUBE 2 |
| ST64002 | 1/8 | 1/8 |
| ST64003 | 3/16 | 3/16 |
| ST640042 | 1/4 | 1/8 |
| ST64004 | 1/4 | 1/4 |
| ST640046 | 1/4 | 3/8 |
| ST640048 | 1/4 | 1/2 |
| ST640054 | 5/16 | 1/4 |
| ST64005 | 5/16 | 5/16 |
| ST640056 | 5/16 | 3/8 |
| ST640064 | 3/8 | 1/4 |
| ST640065 | 3/8 | 5/16 |
| ST64006 | 3/8 | 3/8 |
| ST640068 | 3/8 | 1/2 |
| ST6400610 | 3/8 | 5/8 |
| ST6400612 | 3/8 | 3/4 |
| ST6400616 | 3/8 | 1 |
| ST640084 | 1/2 | 1/4 |
| ST640086 | 1/2 | 3/8 |
| ST64008 | 1/2 | 1/2 |
| ST6400810 | 1/2 | 5/8 |
| ST6400812 | 1/2 | 3/4 |
| ST6400816 | 1/2 | 1 |
| ST6400106 | 5/8 | 3/8 |
| ST6400108 | 5/8 | 1/2 |
| ST640010 | 5/8 | 5/8 |
| ST64001012 | 5/8 | 3/4 |
| ST64001016 | 5/8 | 1 |
| ST6400126 | 3/4 | 3/8 |
| ST6400128 | 3/4 | 1/2 |
| ST64001210 | 3/4 | 5/8 |
| ST640012 | 3/4 | 3/4 |
| ST64001214 | 3/4 | 7/8 |
| ST64001216 | 3/4 | 1 |
| ST6400168 | 1 | 1/2 |
| ST64001610 | 1 | 5/8 |
| ST64001612 | 1 | 3/4 |
| ST64001614 | 1 | 7/8 |
| ST640016 | 1 | 1 |
| ST64001620 | 1 | 1-1/4 |
| ST64001624 | 1 | 1-1/2 |
| ST64002012 | 1-1/4 | 3/4 |
| ST64002016 | 1-1/4 | 1 |

STEEL FITTINGS



O-Ring To Pipe
Adaptor

| O-Ring To Pipe Adaptor | | |
|------------------------|---------------|--------------------|
| PART NO. | O-RING TUBE 1 | MALE PIPE THREAD 2 |
| ST640142 | 1/4 | 1/8 |
| ST640144 | 1/4 | 1/4 |
| ST640164 | 3/8 | 1/4 |
| ST640166 | 3/8 | 3/8 |
| ST640168 | 3/8 | 1/2 |
| ST640184 | 1/2 | 1/4 |
| ST640186 | 1/2 | 3/8 |
| ST640188 | 1/2 | 1/2 |
| ST6401812 | 1/2 | 3/4 |
| ST6401106 | 5/8 | 3/8 |
| ST6401108 | 5/8 | 1/2 |
| ST6401126 | 3/4 | 3/8 |
| ST6401128 | 3/4 | 1/2 |
| ST64011212 | 3/4 | 3/4 |
| ST64011612 | 1 | 3/4 |
| ST64011616 | 1 | 1 |
| ST64012016 | 1-1/4 | 1 |
| ST64012020 | 1-1/4 | 1-1/4 |
| ST64012424 | 1-1/2 | 1-1/2 |
| ST64013232 | 2 | 2 |

Female O-Ring To Male Pipe Adaptor

| PART NO. | O-RING TUBE 1 | MALE PIPE THREAD 2 |
|------------|---------------|--------------------|
| ST640442 | 1/4 | 1/8 |
| ST640444 | 1/4 | 1/4 |
| ST640464 | 3/8 | 1/4 |
| ST640466 | 3/8 | 3/8 |
| ST640468 | 3/8 | 1/2 |
| ST640486 | 1/2 | 3/8 |
| ST640488 | 1/2 | 1/2 |
| ST6404108 | 5/8 | 1/2 |
| ST64041212 | 3/4 | 3/4 |
| ST64041616 | 1 | 1 |
| ST64042020 | 1-1/4 | 1-1/4 |



Female O-Ring To
Male Pipe Adaptor

STEEL FITTINGS



O-Ring To
Female Adaptor

| O-Ring To Female Pipe Adaptor | | |
|-------------------------------|---------------|----------------------|
| PART NO. | O-RING TUBE 1 | FEMALE PIPE THREAD 2 |
| ST6405022 | 1/8 | 1/8 |
| ST6405032 | 3/16 | 1/8 |
| ST6405034 | 3/16 | 1/4 |
| ST6405042 | 1/4 | 1/8 |
| ST6405044 | 1/4 | 1/4 |
| ST6405046 | 1/4 | 3/8 |
| ST6405052 | 5/16 | 1/8 |
| ST6405054 | 5/16 | 1/4 |
| ST6405062 | 3/8 | 1/8 |
| ST6405064 | 3/8 | 1/4 |
| ST6405066 | 3/8 | 3/8 |
| ST6405068 | 3/8 | 1/2 |
| ST6405084 | 1/2 | 1/4 |
| ST6405086 | 1/2 | 3/8 |
| ST6405088 | 1/2 | 1/2 |
| ST64050812 | 1/2 | 3/4 |
| ST64050104 | 5/8 | 1/4 |
| ST64050106 | 5/8 | 3/8 |
| ST64050108 | 5/8 | 1/2 |
| ST640501012 | 5/8 | 3/4 |
| ST64050126 | 3/4 | 3/8 |
| ST64050128 | 3/4 | 1/2 |
| ST640501212 | 3/4 | 3/4 |
| ST640501216 | 3/4 | 1 |
| ST64050168 | 1 | 1/2 |
| ST640501612 | 1 | 3/4 |
| ST640501616 | 1 | 1 |
| ST640501620 | 1 | 1-1/4 |
| ST640502012 | 1-1/4 | 3/4 |
| ST640502016 | 1-1/4 | 1 |
| ST640502020 | 1-1/4 | 1-1/4 |
| ST640502416 | 1-1/2 | 1 |
| ST640502420 | 1-1/2 | 1-1/4 |
| ST640502424 | 1-1/2 | 1-1/2 |
| ST640503224 | 2 | 1-1/2 |
| ST640503232 | 2 | 2 |

STEEL FITTINGS



O-Ring Hex Head
Plug

| O-RING Hex Head Plug | |
|----------------------|---------------|
| PART NO. | O-RING THREAD |
| ST640802 | 1/8 |
| ST640803 | 3/16 |
| ST640804 | 1/4 |
| ST640805 | 5/16 |
| ST640806 | 3/8 |
| ST640808 | 1/2 |
| ST640810 | 5/8 |
| ST640812 | 3/4 |
| ST640814 | 7/8 |
| ST640816 | 1 |
| ST640820 | 1/1-4 |
| ST640824 | 1-1/2 |
| ST640832 | 2 |

| Cap | | |
|-------------|-----------|----------------|
| PART NO. | TUBE O.D. | FACE SEAL TUBE |
| STFSO304C4 | 1/4 | 1/4 |
| STFSO304C6 | 3/8 | 3/8 |
| STFSO304C8 | 1/2 | 1/2 |
| STFSO304C10 | 5/8 | 5/8 |
| STFSO304C12 | 3/4 | 3/4 |
| STFSO304C16 | 1 | 1 |
| STFSO304C20 | 1-1/4 | 1-1/4 |
| STFSO304C24 | 1-1/2 | 1-1/2 |



Cap



Male Union
Connector

| Male Union Connector | | |
|----------------------|-----------|--------------------|
| PART NO. | TUBE O.D. | FACE SEAL TUBE 1&2 |
| STFSO240344 | 1/4 | 1/4 |
| STFSO240366 | 3/8 | 3/8 |
| STFSO240388 | 1/2 | 1/2 |
| STFSO24031212 | 3/4 | 3/4 |
| STFSO24031616 | 1 | 1 |
| STFSO24032020 | 1-1/4 | 1-1/4 |
| STFSO24032424 | 1-1/2 | 1-1/2 |

STEEL FITTINGS



O-Ring Hollow-Hex
Head Plug

O-Ring Hollow-hex Head Plug

| PART NO. | O-RING TUBE |
|------------|-------------|
| ST6408HO2 | 1/8 |
| ST6408HO3 | 3/16 |
| ST6408HO4 | 1/4 |
| ST6408HO5 | 5/16 |
| ST6408HO6 | 3/8 |
| ST6408HO8 | 1/2 |
| ST6408HO10 | 5/8 |
| ST6408HO12 | 3/4 |
| ST6408HO14 | 7/8 |
| ST6408HO16 | 1 |
| ST6408HO20 | 1-1/4 |
| ST6408HO24 | 1-1/2 |
| ST6408HO32 | 2 |

Bulkhead Locknut

| PART NO. | TUBE SIZE |
|------------|-----------|
| STFS03064 | 1/4 |
| STFS03066 | 3/8 |
| STFS03068 | 1/2 |
| STFS030610 | 5/8 |
| STFS030612 | 3/4 |
| STFS030616 | 1 |
| STFS030620 | 1-1/4 |
| STFS030624 | 1-1/2 |



Bulkhead Locknut

STEEL FITTINGS



**O-Ring Port
Reducer/Expander**

| O-Ring Port Reducer/Expander | | |
|------------------------------|---------------|---------------|
| PART NO. | O-RING TUBE 1 | O-RING TUBE 2 |
| ST6410O46 | 1/4 | 3/8 |
| ST6410O64 | 3/8 | 1/4 |
| ST6410O68 | 3/8 | 1/2 |
| ST6410O84 | 1/2 | 1/4 |
| ST6410O86 | 1/2 | 3/8 |
| ST6410O88 | 1/2 | 1/2 |
| ST6410O810 | 1/2 | 5/8 |
| ST6410O812 | 1/2 | 3/4 |
| ST6410O124 | 3/4 | 1/4 |
| ST6410O126 | 3/4 | 3/8 |
| ST6410O128 | 3/4 | 1/2 |
| ST6410O1210 | 3/4 | 5/8 |
| ST6410O1212 | 3/4 | 3/4 |
| ST6410O1216 | 3/4 | 1 |
| ST6410O166 | 1 | 3/8 |
| ST6410O168 | 1 | 1/2 |
| ST6410O1612 | 1 | 3/4 |
| ST6410O2012 | 1-1/4 | 3/4 |
| ST6410O2016 | 1-1/4 | 1 |
| ST6410O2412 | 1-1/2 | 3/4 |
| ST6410O2416 | 1-1/2 | 1 |
| ST6410O2420 | 1-1/2 | 1-1/4 |
| ST6410O3216 | 2 | 1 |
| ST6410O3220 | 2 | 1-1/4 |
| ST6410O3224 | 2 | 1-1/2 |

Female Orfs To Male Orfs Reducer

| PART NO. | MALE FACE SEAL SIZE | MALE FACE SEAL TUBE 2 |
|---------------|---------------------|-----------------------|
| STFSO240664 | 3/8 | 1/4 |
| STFSO240684 | 1/2 | 1/4 |
| STFSO240686 | 1/2 | 3/8 |
| STFSO2406106 | 5/8 | 3/8 |
| STFSO2406108 | 5/8 | 1/2 |
| STFSO2406126 | 3/4 | 3/8 |
| STFSO2406128 | 3/4 | 1/2 |
| STFSO2406168 | 1 | 1/2 |
| STFSO24061612 | 1 | 3/4 |
| STFSO24062012 | 1-1/4 | 3/4 |
| STFSO24062016 | 1-1/4 | 1 |
| STFSO24062420 | 1-1/2 | 1-1/4 |



**Female Orfs To
Male Orfs Reducer**

STEEL FITTINGS



**Male O-Ring
Face Seal Adaptor**

| Male O-Ring Face Seal Adaptor | | |
|-------------------------------|------------------|------------------|
| PART NO. | FACE SEAL TUBE 1 | MALE PIPE SIZE 2 |
| STFSO240442 | 1/4 | 1/8 |
| STFSO240444 | 1/4 | 1/4 |
| STFSO240446 | 1/4 | 3/8 |
| STFSO240462 | 3/8 | 1/8 |
| STFSO240464 | 3/8 | 1/4 |
| STFSO240466 | 3/8 | 3/8 |
| STFSO240468 | 3/8 | 1/2 |
| STFSO240484 | 1/2 | 1/4 |
| STFSO240486 | 1/2 | 3/8 |
| STFSO240488 | 1/2 | 1/2 |
| STFSO2404108 | 5/8 | 1/2 |
| STFSO24041012 | 5/8 | 3/4 |
| STFSO2404128 | 3/4 | 1/2 |
| STFSO24041212 | 3/4 | 3/4 |
| STFSO24041216 | 3/4 | 1 |
| STFSO24041612 | 1 | 3/4 |
| STFSO24041616 | 1 | 1 |
| STFSO24041620 | 1 | 1-1/4 |
| STFSO24042016 | 1-1/4 | 1 |
| STFSO24042020 | 1-1/4 | 1-1/4 |
| STFSO24042424 | 1-1/2 | 1-1/2 |

| JIC Male Connector BSPT | | |
|-------------------------|-----------------|-------------|
| PART NO. | JIC TUBE SIZE 1 | MALE BSPT 2 |
| ST700042 | 1/4 | 1/8-28 |
| ST700044 | 1/4 | 1/4-19 |
| ST700064 | 3/8 | 1/4-19 |
| ST700066 | 3/8 | 3/8-19 |
| ST700068 | 3/8 | 1/2-14 |
| ST700086 | 1/2 | 3/8-19 |
| ST700088 | 1/2 | 1/2-14 |
| ST7000812 | 1/2 | 3/4-14 |
| ST7000108 | 5/8 | 1/2-14 |
| ST70001012 | 5/8 | 3/4-14 |
| ST7000128 | 3/4 | 1/2-14 |
| ST70001212 | 3/4 | 3/4-14 |
| ST70001616 | 1 | 1-11 |



**JIC Male
Connector BSPT**

STEEL FITTINGS



BSPP Hex Nipple

| BSPP Hex Nipple | | |
|-----------------|-----------------|-------------|
| PART NO. | JIC TUBE SIZE 1 | MALE BSPT 2 |
| ST720042 | 1/4 | 1/8-28 |
| ST720044 | 1/4 | 1/4-19 |
| ST720064 | 3/8 | 1/4-19 |
| ST720066 | 3/8 | 3/8-19 |
| ST720068 | 3/8 | 1/2-14 |
| ST720086 | 1/2 | 3/8-19 |
| ST720088 | 1/2 | 1/2-14 |
| ST72001212 | 3/4 | 3/4-14 |
| ST72001616 | 1 | 1-11 |

BSPT Plug

| PART NO. | BSPT |
|----------|--------|
| ST95082 | 1/8-28 |
| ST95084 | 1/4-19 |
| ST95086 | 3/8-19 |
| ST95088 | 1/2-14 |
| ST950812 | 3/4-14 |
| ST950816 | 1-11 |



BSPT Plug



BSPT Hex Nipple

| BSPT Hex Nipple | | |
|-----------------|-------------|-------------|
| PART NO. | MALE BSPT 1 | MALE BSPT 2 |
| ST752022 | 1/8-28 | 1/8-28 |
| ST752044 | 1/4-19 | 1/4-19 |
| ST752066 | 3/8-19 | 3/8-19 |
| ST752088 | 1/2-14 | 1/2-14 |
| ST75201010 | 5/8-14 | 5/8-14 |
| ST75201212 | 3/4-14 | 3/4-14 |

STEEL FITTINGS



JIC To BSPP
Straight Swivel

| JIC To BSPP Straight Swivel | | |
|-----------------------------|-----------------|-------------|
| PART NO. | JIC TUBE SIZE 1 | MALE BSPP 2 |
| ST702242 | 1/4 | 1/8-28 |
| ST702244 | 1/4 | 1/4-19 |
| ST702264 | 3/8 | 1/4-19 |
| ST702266 | 3/8 | 3/8-19 |
| ST702288 | 1/2 | 1/2-14 |
| ST7022108 | 5/8 | 1/2-14 |
| ST70221212 | 3/4 | 3/4-14 |
| ST70221616 | 1 | 1-11 |

| JIC To Female BSPP Straight Swivel | | |
|------------------------------------|-----------------|----------------------|
| PART NO. | JIC TUBE SIZE 1 | FEMALE BSPP SWIVEL 2 |
| ST72404 | 1/4 | 1/4-19 |
| ST72406 | 3/8 | 3/8-19 |
| ST72408 | 1/2 | 1/2-14 |
| ST724010 | 5/8 | 5/8-14 |
| ST724012 | 3/4 | 3/4-14 |
| ST724016 | 1 | 1-11 |



JIC To Female
BSPP Straight
Swivel

| BSPP To Male Pipe Nipple | | |
|--------------------------|------------------|-------------------------|
| PART NO. | MALE BSPP SIZE 1 | MALE PIPE THREAD SIZE 2 |
| ST78252 | 1/8-28 | 1/8 |
| ST78254 | 1/4-19 | 1/4 |
| ST78256 | 3/8-19 | 3/8 |
| ST78258 | 1/2-14 | 1/2 |
| ST782512 | 3/4-14 | 3/4 |
| ST782516 | 1-11 | 1 |



BSPP To Male
Pipe Nipple

CAPABILITIES

INHOUSE ENGINEERING



At Mayank Raw Mint Pvt. Ltd. engineers have a history of answering customer's technical questions and solving their application problems. What is the correct material for my product? What type of component do I need for my application? Can we modify my products to reduce costs? With our engineering team's extensive knowledge of materials, comprehensive understanding of product development, and innovative technology, they're able to provide effective answers along with a flawless finished product. Our expert engineers ensure that your part will be economical and optimally functional. Mayank Raw Mint Pvt. Ltd.'s core strength is to solve your company's challenges.

Our engineering services include:

- Quality Improvement
- Cost Reduction
- Manufacturability Analysis
- 2D/3D Drafting with AutoCAD
- Product Development
- Material Selection Optimization
- Continuous Improvement
- Machine Programming
- Strategic Component Development
- Mechanical Solutions with Aesthetics Analysis

PEX



NSF/ANSI 61

Drinking Water System Components - Health Effects. This is the American National Standard for health effects of drinking water system components. This standard establishes the health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components and materials used in drinking water systems. This Standard is maintained by a Joint Committee with equal representation from regulators (such as; : EPA, Health Canada, and state drinking water officials), users (such as; water purveyors, utilities, and engineers) and manufacturers. NSF/ANSI Standard 61 is approved by the American National Standards Institute, which ensures the standard is developed and maintained using an open consensus process and has representation by all stakeholders

PEX FITTINGS



Male Adapter

Male Adapter

| PART NO. | SIZE |
|----------|---------------|
| 35076 | 1/2 " x 1/2 " |
| 35078 | 1/2 " x 3/4 " |
| 35079 | 3/4 " x 1/2 " |
| 38080 | 3/4 " x 3/4 " |
| 35082 | 3/4 " x 1 " |
| 35083 | 1 " x 3/4 " |
| 35081 | 1 " x 1 " |

Female Adapter

| PART NO. | SIZE |
|----------|---------------|
| 35062 | 1/2 " x 3/4 " |
| 35063 | 1/2 " x 1/2 " |
| 35064 | 3/4 " x 3/4 " |
| 35065 | 1 " x 1 " |



Female Adapter



Male Sweat Adapter

Male Sweat Adapter

| PART NO. | SIZE |
|----------|---------------|
| 35076S | 1/2 " x 1/2 " |
| 35080S | 3/4 " x 3/4 " |
| 35081S | 1 " x 1 " |

PEX FITTINGS



Female Sweat Adapter

| PART NO. | SIZE |
|----------|---------------|
| 35063S | 1/2 " x 1/2 " |
| 35064S | 3/4 " x 3/4 " |
| 35065S | 1 " x 1 " |

Female Sweat Adapter

| Coupling | |
|-----------------|---------------|
| PART NO. | SIZE |
| 35030 | 3/8 " |
| 35035 | 1/2 " x 3/8 " |
| 35031 | 1/2 " |
| 35036 | 3/4 " x 1/2 " |
| 35032 | 3/4 " |
| 35037 | 1 " x 3/4 " |
| 35033 | 1 " |



Coupling



Union Elbow

| Union Elbow | |
|--------------------|---------------|
| PART NO. | SIZE |
| 35057 | 3/8 " |
| 35058 | 1/2 " |
| 35059 | 3/4 " x 1/2 " |
| 35060 | 3/4 " |
| 35061 | 1 " |

PEX FITTINGS



Reducing Union Tee

Reducing Union Tee

| PART NO. | SIZE |
|----------|-------------------------|
| 35046 | 1/2 " x 1/2 " x 3/4 " |
| 35047 | 3/4 " x 1/2 " x 1 / 2 " |
| 35048 | 3/4 " x 1/2 " x 3/4 " |
| 35049 | 3/4 " x 3/4 " x 1/2 " |
| 35050 | 3/4 " x 3/4 " x 1 " |
| 35051 | 1 " x 3/4 " x 3/4 " |
| 35052 | 1 " x 1 " x 1/2 " |
| 35053 | 1 " x 1 " x 3/4 " |
| 35054 | 1 " x 3/4 " x 1 " |

| Union Tee | |
|-----------|-------|
| PART NO. | SIZE |
| 35040 | 3/8 " |
| 35041 | 1/2 " |
| 35043 | 3/4 " |
| 35044 | 1 " |



Union Tee



Male Elbow

Male Elbow

| PART NO. | SIZE |
|----------|---------------|
| 35085 | 1/2 " x 1/2 " |
| 35086 | 3/4 " x 1 " |

PEX FITTINGS



Polybutylene Adapter

Polybutylene Adapter

| PART NO. | SIZE |
|----------|---------------|
| 35031PB | 1/2 " x 1/2 " |
| 35032PB | 3/4 " x 3/4 " |

Drop Ear Elbow

| PART NO. | SIZE |
|----------|---------------|
| 35095 | 1/2 " x 1/2 " |
| 35096 | 3/4 " x 3/4 " |



Drop Ear Elbow



Female Sweat Adapter

Female Sweat Elbow

| PART NO. | SIZE |
|----------|---------------|
| 35073S | 1/2 " x 1/2 " |
| 35074S | 3/4 " x 3/4 " |

Plug

| PART NO. | SIZE |
|----------|-------|
| 35090 | 1/2 " |
| 35091 | 3/4 " |
| 35092 | 1 " |



Plug

CAPABILITIES

RETAIL PACKAGING



Retail packaging is what customers see before they get to see your product. Custom retail packaging incorporates your business's logo, brand colours, and message on the outside (and inside) of the box. This helps your brand stand out in stores and encourages brand loyalty for e-commerce brands. We take pride in making custom packaging accessible to businesses of all sizes (and budgets). You can get started with a minimum order as low as 1 item.

Packaging Customization is possible in the following ways :

1. Bags

- Transparent Bags with Barcode Sticker
- One side clear and other side white with barcode printed on them
- Tearoff ziplock bags with barcode stickers

2. Boxes

- Custom boxes with black and white branding
- Custom boxes with color printed branding

STAINLESS STEEL



| Pressure Ratings for Fittings With NPTF Pipe Threads and Adapter Unions | | | | | | | |
|---|--------------------|--|--|---------------------------------|-------|----------------|-------|
| Nominal Pipe Size | | Thread Size | | Working Pressures | | | |
| Nom SAE Dash Size | Nom Inch Pipe O.D. | Dryseal Pipe Thread (NPTF ¹) Male and Female | Straight Pipe Thread (NPSM ²) Female Swivels | Fittings With NPTF Pipe Threads | | Adapter Unions | |
| | | | | MPa | psi | MPa | psi |
| -2 | 1/8 | 1/8-27 | 1/8-27 | 34.5 | 5,000 | 34.5 | 5,000 |
| -4 | 1/4 | 1/4-18 | 1/4-18 | 27.5 | 4,000 | 34.5 | 5,000 |
| -6 | 3/8 | 3/8-18 | 3/8-18 | 21 | 3,000 | 27.6 | 4,000 |
| -8 | 1/2 | 1/2-14 | 1/2-14 | 21 | 3,000 | 24.1 | 3,500 |
| -12 | 3/4 | 3/4-14 | 3/4-14 | 17 | 2,500 | 15.5 | 2,250 |
| -16 | 1 | 1-11-1/2 | 1-11-1/2 | 14 | 2,000 | 13.8 | 2,000 |
| -20 | 1 1/4 | 1-1/4-11-1/2 | 1-1/4-11-1/2 | 8 | 1,150 | 11.2 | 1,625 |
| -24 | 1 1/2 | 1-1/2-11-1/2 | 1-1/2-11-1/2 | 7 | 1,000 | 8.6 | 1,250 |
| -32 | 2 | 2-11-1/2 | 2-11-1/2 | 7 | 1,000 | 7.8 | 1,125 |

| Nom.SAE Dash Size | Nom.Tube O.D. Inches | 37°Flare Straight Thread | Nom.Pipe Size | SAE St. Threads Union and Bulkhead (psi) | Fittings with Pipe Threads (psi) |
|-------------------|----------------------|--------------------------|---------------|--|----------------------------------|
| 2 | 1/8 | 5/16" - 24 | 1/8" | 5000 | 5000 |
| 3 | 3/16 | 3/8" - 24 | 1/8" | 5000 | 5000 |
| 4 | 1/4 | 7/16" - 20 | 1/8" | 5000 | 5000 |
| 5 | 5/16 | 1/2" - 20 | 1/8" | 5000 | 5000 |
| 6 | 3/8 | 9/16" - 18 | 1/4" | 5000 | 5000 |
| 8 | 1/2 | 3/4" - 16 | 3/8" | 4500 | 4000 |
| 10 | 5/8 | 7/8" - 14 | 1/2" | 3500 | 3000 |
| 12 | 3/4 | 1 1/16" - 12 | 3/4" | 3500 | 3000 |
| 14 | 7/8 | 1 3/16" - 12 | 3/4" | 3000 | 2500 |
| 16 | 1 | 1 5/16" - 12 | 1" | 3000 | 2000 |
| 20 | 1 1/4 | 1 5/8" - 12 | 1 1/4" | 2500 | 1150 |
| 24 | 1 1/2 | 1 7/8" - 12 | 1 1/2" | 2000 | 1000 |
| 32 | 2 | 2 1/2" - 12 | 2" | 1500 | 1000 |

STAINLESS STEEL FITTINGS



JIC Tube Sleeve

| JIC Tube Sleeve | |
|-----------------|-------|
| PART NO. | SIZE |
| 319-04SS | 1/4 |
| 319-06SS | 3/8 |
| 319-08SS | 1/2 |
| 319-10SS | 5/8 |
| 319-12SS | 3/4 |
| 319-16SS | 1 |
| 319-20SS | 1-1/4 |
| 319-24SS | 1-1/2 |
| 319-32SS | 2 |

| JIC Tube Nut | |
|--------------|-----------|
| PART NO. | FJIC SIZE |
| 318-04SS | 1/4 |
| 318-06SS | 3/8 |
| 318-08SS | 1/2 |
| 318-10SS | 5/8 |
| 318-12SS | 3/4 |
| 318-16SS | 1 |
| 318-20SS | 1-1/4 |
| 318-24SS | 1-1/2 |
| 318-32SS | 2 |



JIC Tube Nut

STAINLESS STEEL FITTINGS



JIC Cap

| JIC Cap | |
|------------|-----------|
| PART NO. | FJIC SIZE |
| 304-C-04SS | 1/4 |
| 304-C-06SS | 3/8 |
| 304-C-08SS | 1/2 |
| 304-C-10SS | 5/8 |
| 304-C-12SS | 3/4 |
| 304-C-16SS | 1 |

Male JIC Union

| PART NO. | MJIC SIZE (A) |
|--------------|---------------|
| 2403-04-04SS | 1/4 |
| 2403-05-05SS | 5/16 |
| 2403-06-04SS | 3/8 |
| 2403-06-06SS | 3/8 |
| 2403-08-04SS | 1/2 |
| 2403-08-06SS | 1/2 |
| 2403-08-08SS | 1/2 |
| 2403-10-08SS | 5/8 |
| 2403-10-10SS | 5/8 |
| 2403-12-04SS | 3/4 |
| 2403-12-06SS | 3/4 |
| 2403-12-08SS | 3/4 |
| 2403-12-12SS | 3/4 |
| 2403-16-12SS | 1 |
| 2403-16-16SS | 1 |
| 2403-20-20SS | 1-1/4 |



Male JIC Union

STAINLESS STEEL FITTINGS



Male JIC X Female NPT Adapter

Male JIC X Female NPT Adapter

| PART NO. | MJIC SIZE |
|--------------|-----------|
| 2405-04-04SS | 1/4 |
| 2405-06-04SS | 3/8 |
| 2405-06-06SS | 3/8 |
| 2405-08-08SS | 1/2 |
| 2405-12-12SS | 3/4 |
| 2405-16-16SS | 1 |
| 2405-20-20SS | 1-1/4 |

Male JIC X Male NPT Adapter

| PART NO. | MJIC SIZE |
|--------------|-----------|
| 2404-04-02SS | 1/4 |
| 2404-04-04SS | 1/4 |
| 2404-04-06SS | 1/4 |
| 2404-04-08SS | 1/4 |
| 2404-06-04SS | 3/8 |
| 2404-06-06SS | 3/8 |
| 2404-06-08SS | 3/8 |
| 2404-08-04SS | 1/2 |
| 2404-08-06SS | 1/2 |
| 2404-08-08SS | 1/2 |
| 2404-08-12SS | 1/2 |
| 2404-08-16SS | 1/2 |
| 2404-10-08SS | 5/8 |
| 2404-12-08SS | 3/4 |
| 2404-12-12SS | 3/4 |
| 2404-12-16SS | 3/4 |
| 2404-16-08SS | 1 |
| 2404-16-12SS | 1 |
| 2404-16-16SS | 1 |
| 2404-24-24SS | 1-1/2 |
| 2404-32-32SS | 2 |



Male JIC X Male NPT Adapter

STAINLESS STEEL FITTINGS



**Female JIC X Male JIC
(Reducer-Expander)**

| Female JIC X Male JIC (Reducer-Expander) | |
|--|-----------|
| PART NO. | FJIC SIZE |
| 2406-06-04SS | 3/8 |
| 2406-08-04SS | 1/2 |
| 2406-08-06SS | 1/2 |
| 2406-10-08SS | 5/8 |
| 2406-12-04SS | 3/4 |
| 2406-12-06SS | 3/4 |
| 2406-12-08SS | 3/4 |
| 2406-16-04SS | 1 |
| 2406-16-06SS | 1 |
| 2406-16-08SS | 1 |
| 2406-16-12SS | 1 |

JIC Plug

| PART NO. | MJIC SIZE |
|-----------|-----------|
| 2408-04SS | 1/4 |
| 2408-06SS | 3/8 |
| 2408-08SS | 1/2 |
| 2408-10SS | 5/8 |
| 2408-12SS | 3/4 |
| 2408-16SS | 1 |
| 2408-20SS | 1-1/4 |



JIC Plug



JIC Bulkhead Nut

| JIC Bulkhead Nut | |
|------------------|---------|
| PART NO. | BN SIZE |
| 306-04SS | 1/4 |
| 306-06SS | 3/8 |
| 306-08SS | 1/2 |
| 306-10SS | 5/8 |
| 306-12SS | 3/4 |
| 306-16SS | 1 |

STAINLESS STEEL FITTINGS



Male JIC Bulkhead Union

| Male JIC Bulkhead Union | |
|-------------------------|---------------|
| PART NO. | MJIC SIZE (A) |
| 2700-04-04SS | 1/4 |
| 2700-06-06SS | 3/8 |
| 2700-08-08SS | 1/2 |
| 2700-12-12SS | 3/4 |
| 2700-16-16SS | 1 |

Female NPT X Male JIC Bulkhead Connector

| PART NO. | FNPT SIZE |
|--------------|-----------|
| 2705-04-04SS | 1/4 |
| 2705-06-06SS | 3/8 |
| 2705-08-08SS | 1/2 |
| 2705-12-12SS | 3/4 |
| 2705-16-16SS | 1 |



Female NPT X Male JIC Bulkhead Connector



Hex Pipe Cap

Hex Pipe Cap

| PART NO. | FNPT SIZE |
|-------------|-----------|
| 5406-C-04SS | 1/4 |
| 5406-C-06SS | 3/8 |
| 5406-C-08SS | 1/2 |
| 5406-C-12SS | 3/4 |
| 5406-C-16SS | 1 |

STAINLESS STEEL FITTINGS



**Male NPT X Female NPT
Expander**

| Male NPT X Female NPT Expander | |
|--------------------------------|-----------|
| PART NO. | MNPT SIZE |
| 5405-02-02SS | 1/8 |
| 5405 -02-04SS | 1/8 |
| 5402-04-02SS | 1/4 |
| 5405- 04-04SS | 1/4 |
| 5405-04-06SS | 1/4 |
| 5405-04-08SS | 1/4 |
| 5405-06-06SS | 3/8 |
| 5405-06-08SS | 3/8 |
| 5405-06-12SS | 3/8 |
| 5405-08-08SS | 1/2 |
| 5405-08-12SS | 1/2 |
| 5405-08-16SS | 1/2 |
| 5405-12-12SS | 3/4 |
| 5405-12-16SS | 3/4 |
| 5405-16-16SS | 1 |

Male NPT X Female NPT Bushing/ Reducer

| PART NO. | MNPT SIZE |
|---------------|-----------|
| 5406-04-02SS | 1/4 |
| 5406-06-04SS | 3/8 |
| 5406-08-04SS | 1/2 |
| 5406-08-06SS | 1/2 |
| 5406 -12-04SS | 3/4 |
| 5406-12-06SS | 3/4 |
| 5406-12-08SS | 3/4 |
| 5406-16-04SS | 1 |
| 5406-16-06SS | 1 |
| 5406-16-08SS | 1 |
| 5406-16-12SS | 1 |
| 5406-20-12SS | 1-1/4 |
| 5406-20-16SS | 1-1/4 |



**Male NPT X Female NPT
Bushing/Reducer**

STAINLESS STEEL FITTINGS



Hex Pipe Plug

| Hex Pipe Plug | |
|---------------|-----------|
| PART NO. | MNPT SIZE |
| 5406-P-04SS | 1/4 |
| 5406-P-06SS | 3/8 |
| 5406-P-08SS | 1/2 |
| 5406-P-12SS | 3/4 |
| 5406-P-16SS | 1 |

Female Pipe Bulkhead Union

| PART NO. | FNPT SIZE (A) |
|--------------|---------------|
| 2707-04-04SS | 1/4 |
| 2707-06-06SS | 3/8 |
| 2707-08-08SS | 1/2 |



Female Pipe Bulkhead Union



Hex Pipe Coupling

| Hex Pipe Coupling | |
|-------------------|---------------|
| PART NO. | FNPT SIZE (A) |
| 5000-02-02SS | 1/8 |
| 5000-04-04SS | 1/4 |
| 5000-06-04SS | 3/8 |
| 5000-06-06SS | 3/8 |
| 5000-08-06SS | 1/2 |
| 5000-08-08SS | 1/2 |
| 5000-12-12SS | 3/4 |
| 5000-16-08SS | 1 |
| 5000-16-12SS | 1 |
| 5000-16-16SS | 1 |

STAINLESS STEEL FITTINGS



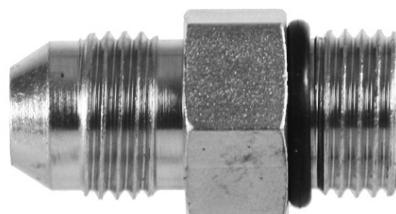
Hex Pipe Nipple

Hex Pipe Nipple

| PART NO. | MNPT SIZE (A) |
|--------------|---------------|
| 5404-02-02SS | 1/8 |
| 5404-04-02SS | 1/4 |
| 5404-04-04SS | 1/4 |
| 5404-06-04SS | 3/8 |
| 5404-06-06SS | 3/8 |
| 5404-08-04SS | 1/2 |
| 5404-08-06SS | 1/2 |
| 5404-08-08SS | 1/2 |
| 5404-12-04SS | 3/4 |
| 5404-12-06SS | 3/4 |
| 5404-12-08SS | 3/4 |
| 5404-12-12SS | 3/4 |
| 5404-16-08SS | 1 |
| 5404-16-12SS | 1 |
| 5404-16-16SS | 1 |

Male JIC X Male SAE O-Ring Boss

| PART NO. | MJIC SIZE |
|--------------|-----------|
| 6400-04-04SS | 1/4 |
| 6400-04-06SS | 1/4 |
| 6400-04-08SS | 1/4 |
| 6400-06-05SS | 3/8 |
| 6400-06-06SS | 3/8 |
| 6400-06-08SS | 3/8 |
| 6400-06-10SS | 3/8 |
| 6400-08-06SS | 1/2 |
| 6400-08-08SS | 1/2 |
| 6400-08-10SS | 1/2 |
| 6400-08-12SS | 1/2 |
| 6400-12-08SS | 3/4 |
| 6400-12-12SS | 3/4 |
| 6400-12-16SS | 3/4 |
| 6400-16-12SS | 1 |
| 6400-16-16SS | 1 |
| 6400-16-20SS | 1 |
| 6400-20-20SS | 1-1/4 |



**Male JIC X Male SAE
O-Ring Boss**

STAINLESS STEEL FITTINGS



Pipe Nipple

| Pipe Nipple | |
|-------------|-----------|
| PART NO. | MNPT SIZE |
| CN-04SS | 1/4 |
| CN-06SS | 3/8 |
| CN-08SS | 1/2 |
| CN-12SS | 3/4 |
| CN-16SS | 1 |
| CN-20SS | 1-1/4 |

Male SAE O-Ring Boss X Female NPT

| PART NO. | MORB SIZE |
|--------------|-----------|
| 6405-04-04SS | 1/4 |
| 6405-06-04SS | 3/8 |
| 6405-06-06SS | 3/8 |
| 6405-08-08SS | 1/2 |
| 6405-12-08SS | 3/4 |
| 6405-12-12SS | 3/4 |
| 6405-16-16SS | 1 |



Male SAE O-Ring
Boss X Female NPT



Male SAE O-Ring Boss
Hex Plug

Male SAE O-Ring Boss Hex Plug

| PART NO. | MORB SIZE |
|-----------|-----------|
| 6408-04SS | 1/4 |
| 6408-06SS | 3/8 |
| 6408-08SS | 1/2 |
| 6408-10SS | 5/8 |
| 6408-12SS | 3/4 |
| 6408-16SS | 1 |

The background of the page features a close-up photograph of fresh green mint leaves and a clear glass jar with a ribbed texture, positioned in the upper right quadrant.

Mayank Raw Mint Pvt. Ltd.
Plot No. 10 To 15, Survey No. 421
B/H Murlidhar Tractor, Hapa
Jamnagar-Rajkot Highway
Jamnagar-361120, Gujarat, India

T : +91-7878787819
+91-9624533303

E : shivam@mayankrawmint.com
keyur@mayankrawmint.com

W : www.mayankrawmint.com