

Tompkins[®]
INDUSTRIES, INC.

MASTER CATALOG

tompkinsind.com

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Hydraulic Adapters & Fittings

Flanges & Flange Adapters

Metric Fittings & Adapters

Live Swivels

Brass Adapters & Fittings

Ball Valves

Tompkins[®]
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Hose Protection

Quick Disconnects

Test Points & Test Kits

Clamps

Hydraulic Tank Components

Cap & Plug Kits

TOMPKINS INDUSTRIES INC

CATALOG

More Than Five Decades in Business

Though the history of Tompkins Industries spans more than five decades, the same values on which the company was built remain relevant today. Company founder, J.L. Tompkins Sr., sought to create a business which provided reliable products at competitive prices. A company that made customer service a primary goal.

Benefits to our Customers

From a meager beginning in J.L. Tompkins' garage in 1967, Tompkins Industries has grown to be a major supplier of hydraulic adapters and related products. Customer benefits remain at the core of any decision as Tompkins continues to grow and plan for the future. Add that to competitive pricing and one of the largest in-stock inventories in the industry and you've got what Tompkins Industries, Inc. is all about: customer satisfaction, order after order.

Tompkins Industries Mission

Our mission is to supply quality products to our customers with the highest level of service. We will always look for ways to improve our product line. We will continue to be the leader in offering new products, services and innovations. The market will drive us as we stay close to our customers and listen to them. They are the reason we exist.

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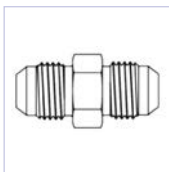
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HYDRAULIC ADAPTERS & FITTINGS

37° JIC Adapters

2403



JIC Union

SHAPE

Straight

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51501
- » SAE 070101

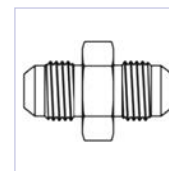
Dash Size	Male JIC	Male JIC
02-02	5/16-24	5/16-24
03-02	3/8-24	5/16-24
03-03	3/8-24	3/8-24
04-02	7/16-20	5/16-24
04-03	7/16-20	3/8-24
04-04	7/16-20	7/16-20
05-04	1/2-20	7/16-20
05-05	1/2-20	1/2-20
06-04	9/16-18	7/16-20
06-05	9/16-18	1/2-20
06-06	9/16-18	9/16-18
08-04	3/4-16	7/16-20
08-05	3/4-16	1/2-20
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
10-04	7/8-14	7/16-20
10-05	7/8-14	1/2-20
10-06	7/8-14	9/16-18
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
12-04	1 1/16-12	7/16-20
12-06	1 1/16-12	9/16-18
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
14-12	1 3/16-12	1 1/16-12
14-14	1 3/16-12	1 3/16-12
16-06	1 5/16-12	9/16-18
16-08	1 5/16-12	3/4-16
16-10	1 5/16-12	7/8-14
16-12	1 5/16-12	1 1/16-12
16-14	1 5/16-12	1 3/16-12
16-16	1 5/16-12	1 5/16-12
20-12	1 5/8-12	1 1/16-12
20-16	1 5/8-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-12	1 7/8-12	1 1/16-12
24-16	1 7/8-12	1 5/16-12
24-20	1 7/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-16	2 1/2-12	1 5/16-12
32-24	2 1/2-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

JIC Large Hex Union

SHAPE

Straight

Dash Size	Male JIC	Male JIC
02-02	5/16-24	5/16-24
03-03	3/8-24	3/8-24
04-02	7/16-20	5/16-24
04-03	7/16-20	3/8-24
04-04	7/16-20	7/16-20
05-05	1/2-20	1/2-20
06-04	9/16-18	7/16-20
06-05	9/16-18	1/2-20
06-06	9/16-18	9/16-18
08-04	3/4-16	7/16-20
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
16-08	1 5/16-12	3/4-16
16-12	1 5/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12



2403-LH

COMPLIANCE

- » MS 51519
- » SAE 070119

AVAILABILITY

- » Steel
- » Stainless Steel

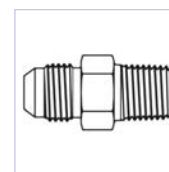
JIC to Pipe

RST - Available in restricted orifice, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE

Straight

Dash Size	Male JIC	Male Pipe
02-02	5/16-24	1/8-27
02-04	5/16-24	1/4-18
03-02	3/8-24	1/8-27
03-04	3/8-24	1/4-18
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
04-08	7/16-20	1/2-14
04-12	7/16-20	3/4-14
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
05-06	1/2-20	3/8-18
05-08	1/2-20	1/2-14
06-02	9/16-18	1/8-27
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
06-12	9/16-18	3/4-14
06-16	9/16-18	1-11 1/2
08-02	3/4-16	1/8-27
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14



2404

COMPLIANCE

- » MS 51500
- » SAE 070102

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

▼ 2404 continues

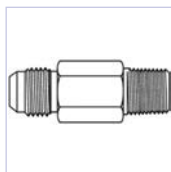
37° JIC Adapters

Hydraulic Adapters & Fittings

2404
▼ continued

Dash Size	Male JIC	Male Pipe
08-12	3/4-16	3/4-14
08-16	3/4-16	1-11 1/2
10-04	7/8-14	1/4-18
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
10-16	7/8-14	1-11 1/2
12-04	1 1/16-12	1/4-18
12-06	1 1/16-12	3/8-18
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
12-20	1 1/16-12	1 1/4-11 1/2
12-24	1 1/16-12	1 1/2-11 1/2
14-08	1 3/16-12	1/2-14
14-12	1 3/16-12	3/4-14
14-16	1 3/16-12	1-11 1/2
16-08	1 5/16-12	1/2-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
16-20	1 5/16-12	1 1/4-11 1/2
16-24	1 5/16-12	1 1/2-11 1/2
16-32	1 5/16-12	2-11 1/2
20-12	1 5/8-12	3/4-14
20-16	1 5/8-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
20-24	1 5/8-12	1 1/2-11 1/2
20-32	1 5/8-12	2-11 1/2
24-12	1 7/8-12	3/4-14
24-16	1 7/8-12	1-11 1/2
24-20	1 7/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
24-32	1 7/8-12	2-11 1/2
32-12	2 1/2-12	3/4-14
32-16	2 1/2-12	1-11 1/2
32-20	2 1/2-12	1 1/4-11 1/2
32-24	2 1/2-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2
32-40	2 1/2-12	2 1/2-8
40-40	3-12	2 1/2-8
48-48	3 1/2-12	3-8

2404-L



JIC to Pipe - Long

SHAPE

Straight

Dash Size	Male JIC	Male Pipe	Overall Adapter Length (OAL)
04-02	7/16-20	1/8-27	1.81
04-04	7/16-20	1/4-18	2.25
05-02	1/2-20	1/8-27	2.25
05-04	1/2-20	1/4-18	2.25
06-04	9/16-18	1/4-18	2.25
06-06	9/16-18	3/8-18	2.50

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

Dash Size	Male JIC	Male Pipe	Overall Adapter Length (OAL)
08-06	3/4-16	3/8-18	2.75
08-08	3/4-16	1/2-14	3.04
10-08	7/8-14	1/2-14	3.12
12-12	1 1/16-12	3/4-14	3.50
16-16	1 5/16-12	1-11 1/2	4.00
20-20	1 5/8-12	1 1/4-11 1/2	4.50
24-24	1 7/8-12	1 1/2-11 1/2	5.00

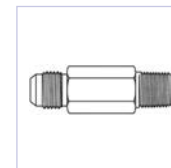
2404-L
▼ continued

JIC to Pipe - Extra Long

SHAPE

Straight

Dash Size	Male JIC	Male Pipe	Overall Adapter Length (OAL)
04-02	7/16-20	1/8-27	2.56
04-04	7/16-20	1/4-18	3.25
06-04	9/16-18	1/4-18	3.25
06-06	9/16-18	3/8-18	4.00
08-06	3/4-16	3/8-18	4.00
08-08	3/4-16	1/2-14	4.20
10-08	7/8-14	1/2-14	4.375
12-12	1 1/16-12	3/4-14	5.00
16-12	1 5/16-12	3/4-14	5.50
16-16	1 5/16-12	1-11 1/2	5.75



2404-LL

COMPLIANCE

» MS 51503

AVAILABILITY

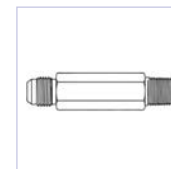
» Import Steel
» Steel

JIC to Pipe - Extra Extra Long

SHAPE

Straight

Dash Size	Male JIC	Male Pipe	Overall Adapter Length (OAL)
04-02	7/16-20	1/8-27	3.50
08-08	3/4-16	1/2-14	5.50
10-08	7/8-14	1/2-14	5.50



2404-LLL

AVAILABILITY

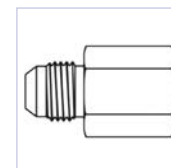
» Steel

JIC to Pipe

SHAPE

Straight

Dash Size	Male JIC	Female Pipe
02-02	5/16-24	1/8-27
02-04	5/16-24	1/4-18
03-02	3/8-24	1/8-27
03-04	3/8-24	1/4-18
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
04-08	7/16-20	1/2-14
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
05-06	1/2-20	3/8-18
06-02	9/16-18	1/8-27
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18



2405

COMPLIANCE

» SAE 070103

AVAILABILITY

» Import Steel
» Steel
» Import Stainless Steel
» Stainless Steel

▼ 2405 continues

37° JIC Adapters

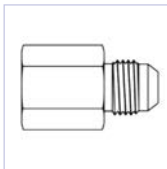
Hydraulic Adapters & Fittings

2405

▼ continued

Dash Size	Male JIC	Female Pipe
06-08	9/16-18	1/2-14
06-12	9/16-18	3/4-14
08-02	3/4-16	1/8-27
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
08-16	3/4-16	1-11 1/2
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
10-16	7/8-14	1-11 1/2
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
14-12	1 3/16-12	3/4-14
14-16	1 3/16-12	1-11 1/2
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
16-20	1 5/16-12	1 1/4-11 1/2
16-24	1 5/16-12	1 1/2-11 1/2
20-16	1 5/8-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
20-24	1 5/8-12	1 1/2-11 1/2
24-16	1 7/8-12	1-11 1/2
24-20	1 7/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
24-32	1 7/8-12	2-11 1/2
32-24	2 1/2-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

2406



JIC Reducer/Expander

RST - Available in restricted orifice, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE

Straight

Dash Size	Female JIC	Male JIC
03-04	3/8-24	7/16-20
04-02	7/16-20	5/16-24
04-03	7/16-20	3/8-24
04-04	7/16-20	7/16-20
04-05	7/16-20	1/2-20
04-06	7/16-20	9/16-18
04-08	7/16-20	3/4-16
05-04	1/2-20	7/16-20
05-06	1/2-20	9/16-18
05-08	1/2-20	3/4-16
06-04	9/16-18	7/16-20
06-05	9/16-18	1/2-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
08-03	3/4-16	3/8-24
08-04	3/4-16	7/16-20

AVAILABILITY

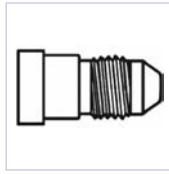
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51534
- » SAE 070123A

Dash Size	Female JIC	Male JIC
08-05	3/4-16	1/2-20
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
08-12	3/4-16	1 1/16-12
10-04	7/8-14	7/16-20
10-06	7/8-14	9/16-18
10-08	7/8-14	3/4-16
10-12	7/8-14	1 1/16-12
10-16	7/8-14	1 5/16-12
12-04	1 1/16-12	7/16-20
12-06	1 1/16-12	9/16-18
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
12-16	1 1/16-12	1 5/16-12
12-20	1 1/16-12	1 5/8-12
14-06	1 3/16-12	9/16-18
14-08	1 3/16-12	3/4-16
14-10	1 3/16-12	7/8-14
14-12	1 3/16-12	1 1/16-12
16-04	1 5/16-12	7/16-20
16-06	1 5/16-12	9/16-18
16-08	1 5/16-12	3/4-16
16-10	1 5/16-12	7/8-14
16-12	1 5/16-12	1 1/16-12
16-14	1 5/16-12	1 3/16-12
16-20	1 5/16-12	1 5/8-12
16-24	1 5/16-12	1 7/8-12
20-06	1 5/8-12	9/16-18
20-08	1 5/8-12	3/4-16
20-10	1 5/8-12	7/8-14
20-12	1 5/8-12	1 1/16-12
20-16	1 5/8-12	1 5/16-12
20-24	1 5/8-12	1 7/8-12
24-08	1 7/8-12	3/4-16
24-12	1 7/8-12	1 1/16-12
24-16	1 7/8-12	1 5/16-12
24-20	1 7/8-12	1 5/8-12
24-32	1 7/8-12	2 1/2-12
32-16	2 1/2-12	1 5/16-12
32-20	2 1/2-12	1 5/8-12
32-24	2 1/2-12	1 7/8-12

2406
▼ continued

2407**JIC Reducer**

Requires item 0318 JIC Tube Nut for assembly.

SHAPE

Straight

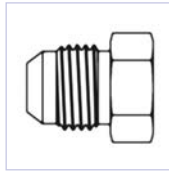
AVAILABILITY

- » Steel
- » Stainless Steel

COMPLIANCE

- » SAE 070123

Dash Size	Female JIC	Male JIC
04-02	7/16-20	5/16-24
04-03	7/16-20	3/8-24
05-04	1/2-20	7/16-20
06-04	9/16-18	7/16-20
08-04	3/4-16	7/16-20
08-06	3/4-16	9/16-18
10-04	7/8-14	7/16-20
10-06	7/8-14	9/16-18
10-08	7/8-14	3/4-16
12-04	1 1/16-12	7/16-20
12-06	1 1/16-12	9/16-18
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
16-04	1 5/16-12	7/16-20
16-06	1 5/16-12	9/16-18
16-08	1 5/16-12	3/4-16
16-10	1 5/16-12	7/8-14
16-12	1 5/16-12	1 1/16-12
20-08	1 5/8-12	3/4-16
20-12	1 5/8-12	1 1/16-12
20-16	1 5/8-12	1 5/16-12
24-08	1 7/8-12	3/4-16
24-12	1 7/8-12	1 1/16-12
24-16	1 7/8-12	1 5/16-12
24-20	1 7/8-12	1 5/8-12
32-24	2 1/2-12	1 7/8-12

2408**JIC Plug****SHAPE**

Plug

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

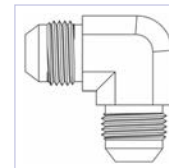
- » MS 51518
- » SAE 070109

Dash Size	Male JIC
02	5/16-24
03	3/8-24
04	7/16-20
05	1/2-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
14	1 3/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12
32	2 1/2-12

JIC Union Elbow 90°**SHAPE**

90 degree elbow

Dash Size	Male JIC	Male JIC
02-02	5/16-24	5/16-24
03-03	3/8-24	3/8-24
04-04	7/16-20	7/16-20
05-04	1/2-20	7/16-20
05-05	1/2-20	1/2-20
06-04	9/16-18	7/16-20
06-05	9/16-18	1/2-20
06-06	9/16-18	9/16-18
08-04	3/4-16	7/16-20
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
14-14	1 3/16-12	1 3/16-12
16-12	1 5/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-16	1 5/8-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

**2500****COMPLIANCE**

- » MS 51505
- » SAE 070201

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

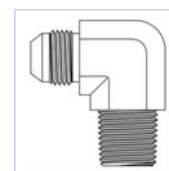
JIC to Pipe Elbow 90°

RST - Available in restricted orifice, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE

90 degree elbow

Dash Size	Male JIC	Male Pipe
02-02	5/16-24	1/8-27
02-04	5/16-24	1/4-18
03-02	3/8-24	1/8-27
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
04-08	7/16-20	1/2-14
04-12	7/16-20	3/4-14
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
05-06	1/2-20	3/8-18
05-08	1/2-20	1/2-14
06-02	9/16-18	1/8-27
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
06-12	9/16-18	3/4-14
08-02	3/4-16	1/8-27
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14

**2501****COMPLIANCE**

- » MS 51504
- » SAE 070202

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

▼ 2501 continues

37° JIC Adapters

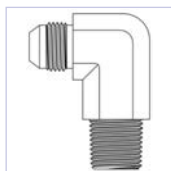
Hydraulic Adapters & Fittings

2501

▼ continued

Dash Size	Male JIC	Male Pipe
08-12	3/4-16	3/4-14
08-16	3/4-16	1-11 1/2
10-04	7/8-14	1/4-18
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
10-16	7/8-14	1-11 1/2
12-06	1 1/16-12	3/8-18
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
12-20	1 1/16-12	1 1/4-11 1/2
14-12	1 3/16-12	3/4-14
14-16	1 3/16-12	1-11 1/2
16-08	1 5/16-12	1/2-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
16-20	1 5/16-12	1 1/4-11 1/2
16-24	1 5/16-12	1 1/2-11 1/2
20-12	1 5/8-12	3/4-14
20-16	1 5/8-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
20-24	1 5/8-12	1 1/2-11 1/2
24-16	1 7/8-12	1-11 1/2
24-20	1 7/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
24-32	1 7/8-12	2-11 1/2
32-24	2 1/2-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2
40-40	3-12	2 1/2-8

2501-L



JIC to Pipe - Long Elbow 90°

Drop Length = Middle of JIC to End of Male Pipe Threads.

SHAPE

90 degree elbow

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » SAE 071502

Dash Size	Male JIC	Male Pipe	Drop Length
04-02	7/16-20	1/8-27	1.17
04-04	7/16-20	1/4-18	1.58
05-02	1/2-20	1/8-27	1.17
05-04	1/2-20	1/4-18	1.58
06-02	9/16-18	1/8-27	1.23
06-04	9/16-18	1/4-18	1.58
06-06	9/16-18	3/8-18	1.82
06-08	9/16-18	1/2-14	2.17
08-04	3/4-16	1/4-18	1.66
08-06	3/4-16	3/8-18	1.82
08-08	3/4-16	1/2-14	2.17
08-12	3/4-16	3/4-14	2.44
10-08	7/8-14	1/2-14	2.17
12-08	1 1/16-12	1/2-14	2.44
12-12	1 1/16-12	3/4-14	2.44
12-16	1 1/16-12	1-11 1/2	3.01
14-12	1 3/16-12	3/4-14	2.59

Dash Size	Male JIC	Male Pipe	Drop Length
16-12	1 5/16-12	3/4-14	2.63
16-16	1 5/16-12	1-11 1/2	3.01
20-20	1 5/8-12	1 1/4-11 1/2	3.69
24-24	1 7/8-12	1 1/2-11 1/2	4.10

2501-L
▼ continued

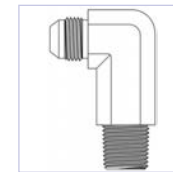
JIC to Pipe - Extra Long Elbow 90°

Drop Length = Middle of JIC to End of Male Pipe Threads.

SHAPE

90 degree elbow

Dash Size	Male JIC	Male Pipe	Drop Length
04-02	7/16-20	1/8-27	1.56
04-04	7/16-20	1/4-18	2.07
05-02	1/2-20	1/8-27	1.63
05-04	1/2-20	1/4-18	2.07
06-02	9/16-18	1/8-27	1.62
06-04	9/16-18	1/4-18	2.07
06-06	9/16-18	3/8-18	2.42
06-08	9/16-18	1/2-14	2.87
08-04	3/4-16	1/4-18	2.23
08-06	3/4-16	3/8-18	2.42
08-08	3/4-16	1/2-14	2.87
10-08	7/8-14	1/2-14	2.87
12-08	1 1/16-12	1/2-14	3.28
12-12	1 1/16-12	3/4-14	3.28
14-12	1 3/16-12	3/4-14	3.50
16-16	1 5/16-12	1-11 1/2	4.05
20-20	1 5/8-12	1 1/4-11 1/2	5.00
24-24	1 7/8-12	1 1/2-11 1/2	5.55



2501-LL

COMPLIANCE

» SAE 071602

AVAILABILITY

» Import Steel
» Steel

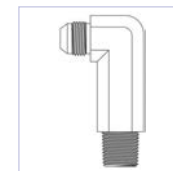
JIC to Pipe - Extra Extra Long Elbow 90°

Drop Length = Middle of JIC to End of Male Pipe Threads.

SHAPE

90 degree elbow

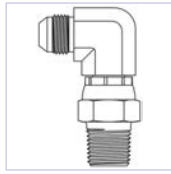
Dash Size	Male JIC	Male Pipe	Drop Length
04-02	7/16-20	1/8-27	2.31
04-04	7/16-20	1/4-18	3.00
05-02	1/2-20	1/8-27	2.34
06-04	9/16-18	1/4-18	3.06
06-06	9/16-18	3/8-18	3.75
08-06	3/4-16	3/8-18	3.75
08-08	3/4-16	1/2-14	4.50
10-08	7/8-14	1/2-14	4.50
12-12	1 1/16-12	3/4-14	5.03
16-16	1 5/16-12	1-11 1/2	6.34
20-20	1 5/8-12	1 1/4-11 1/2	7.34



2501-LLL

AVAILABILITY

» Import Steel
» Steel

2501-S**JIC to Pipe Swivel Elbow 90°**

Swivel for installation only. May leak at low or residual system pressure. Not intended for use exceeding 212 degrees F.

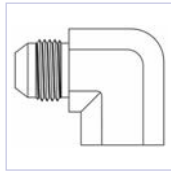
SHAPE

90 degree elbow

AVAILABILITY

- » Import Steel
- » Steel

Dash Size	Male JIC	Male Pipe Swivel
04-04	7/16-20	1/4-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14

2502**JIC to Pipe Elbow 90°****SHAPE**

90 degree elbow

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51506
- » SAE 070203

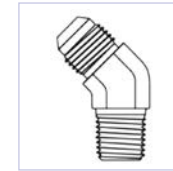
Dash Size	Male JIC	Female Pipe
02-02	5/16-24	1/8-27
03-02	3/8-24	1/8-27
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
04-08	7/16-20	1/2-14
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
05-06	1/2-20	3/8-18
06-02	9/16-18	1/8-27
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
14-12	1 3/16-12	3/4-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

JIC to Pipe Elbow 45°

SHAPE

45 degree elbow

Dash Size	Male JIC	Male Pipe
02-02	5/16-24	1/8-27
03-02	3/8-24	1/8-27
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
04-08	7/16-20	1/2-14
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
05-06	1/2-20	3/8-18
06-02	9/16-18	1/8-27
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
06-12	9/16-18	3/4-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
14-12	1 3/16-12	3/4-14
16-08	1 5/16-12	1/2-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
16-20	1 5/16-12	1 1/4-11 1/2
20-16	1 5/8-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
20-24	1 5/8-12	1 1/2-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2
40-40	3-12	2 1/2-8



2503

COMPLIANCE

- » MS 51508
- » SAE 070302

AVAILABILITY

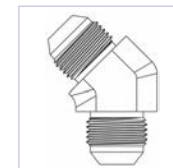
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

JIC Union Elbow 45°

SHAPE

45 degree elbow

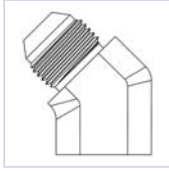
Dash Size	Male JIC	Male JIC
04-04	7/16-20	7/16-20
06-04	9/16-18	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
32-32	2 1/2-12	2 1/2-12



2504

AVAILABILITY

- » Import Steel
- » Steel
- » Stainless Steel

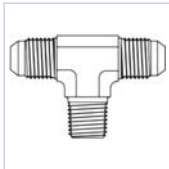
2505**AVAILABILITY**

- » Import Steel
- » Steel

JIC to Pipe Elbow 45°**SHAPE**

45 degree elbow

Dash Size	Male JIC	Female Pipe
04-04	7/16-20	1/4-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2

2601**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51512
- » SAE 070425

JIC to Pipe Branch Tee**SHAPE**

Tee

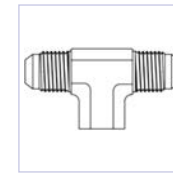
Dash Size	Male JIC	Male JIC	Male Pipe
03-03-02	3/8-24	3/8-24	1/8-27
04-04-02	7/16-20	7/16-20	1/8-27
04-04-04	7/16-20	7/16-20	1/4-18
04-04-06	7/16-20	7/16-20	3/8-18
05-05-02	1/2-20	1/2-20	1/8-27
05-05-04	1/2-20	1/2-20	1/4-18
06-06-04	9/16-18	9/16-18	1/4-18
06-06-06	9/16-18	9/16-18	3/8-18
06-06-08	9/16-18	9/16-18	1/2-14
08-08-04	3/4-16	3/4-16	1/4-18
08-08-06	3/4-16	3/4-16	3/8-18
08-08-08	3/4-16	3/4-16	1/2-14
08-08-12	3/4-16	3/4-16	3/4-14
10-10-06	7/8-14	7/8-14	3/8-18
10-10-08	7/8-14	7/8-14	1/2-14
10-10-12	7/8-14	7/8-14	3/4-14
12-12-08	1 1/16-12	1 1/16-12	1/2-14
12-12-12	1 1/16-12	1 1/16-12	3/4-14
14-14-12	1 3/16-12	1 3/16-12	3/4-14
16-16-12	1 5/16-12	1 5/16-12	3/4-14
16-16-16	1 5/16-12	1 5/16-12	1-11 1/2
20-20-20	1 5/8-12	1 5/8-12	1 1/4-11 1/2
24-24-24	1 7/8-12	1 7/8-12	1 1/2-11 1/2
32-32-32	2 1/2-12	2 1/2-12	2-11 1/2

JIC to Pipe Branch Tee

SHAPE

Tee

Dash Size	Male JIC	Male JIC	Female Pipe
03-03-02	3/8-24	3/8-24	1/8-27
04-04-02	7/16-20	7/16-20	1/8-27
04-04-04	7/16-20	7/16-20	1/4-18
05-05-02	1/2-20	1/2-20	1/8-27
06-06-04	9/16-18	9/16-18	1/4-18
06-06-06	9/16-18	9/16-18	3/8-18
08-06-06	3/4-16	9/16-18	3/8-18
08-08-04	3/4-16	3/4-16	1/4-18
08-08-06	3/4-16	3/4-16	3/8-18
08-08-08	3/4-16	3/4-16	1/2-14
10-10-08	7/8-14	7/8-14	1/2-14
12-12-08	1 1/16-12	1 1/16-12	1/2-14
12-12-12	1 1/16-12	1 1/16-12	3/4-14
14-14-12	1 3/16-12	1 3/16-12	3/4-14
16-16-16	1 5/16-12	1 5/16-12	1-11 1/2
20-20-16	1 5/8-12	1 5/8-12	1-11 1/2
20-20-20	1 5/8-12	1 5/8-12	1 1/4-11 1/2
24-24-24	1 7/8-12	1 7/8-12	1 1/2-11 1/2
32-32-32	2 1/2-12	2 1/2-12	2-11 1/2



2602

COMPLIANCE

- » MS 51513
- » SAE 070427

AVAILABILITY

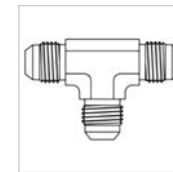
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

JIC Union Tee

SHAPE

Tee

Dash Size	Male JIC	Male JIC	Male JIC
02-02-02	5/16-24	5/16-24	5/16-24
03-03-03	3/8-24	3/8-24	3/8-24
04-04-03	7/16-20	7/16-20	3/8-24
04-04-04	7/16-20	7/16-20	7/16-20
04-04-06	7/16-20	7/16-20	9/16-18
05-05-05	1/2-20	1/2-20	1/2-20
06-06-06	9/16-18	9/16-18	9/16-18
06-06-08	9/16-18	9/16-18	3/4-16
08-06-08	3/4-16	9/16-18	3/4-16
08-08-06	3/4-16	3/4-16	9/16-18
08-08-08	3/4-16	3/4-16	3/4-16
08-08-10	3/4-16	3/4-16	7/8-14
10-08-08	7/8-14	3/4-16	3/4-16
10-10-08	7/8-14	7/8-14	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
10-10-12	7/8-14	7/8-14	1 1/16-12
12-12-08	1 1/16-12	1 1/16-12	3/4-16
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12
12-12-16	1 1/16-12	1 1/16-12	1 5/16-12
12-16-12	1 1/16-12	1 5/16-12	1 1/16-12
14-14-14	1 3/16-12	1 3/16-12	1 3/16-12
16-16-12	1 5/16-12	1 5/16-12	1 1/16-12
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12
16-16-20	1 5/16-12	1 5/16-12	1 5/8-12
20-16-16	1 5/8-12	1 5/16-12	1 5/16-12
20-20-20	1 5/8-12	1 5/8-12	1 5/8-12



2603

COMPLIANCE

- » MS 51510
- » SAE 070401

AVAILABILITY

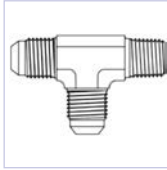
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

▼ 2603 continues

2603

▼ continued

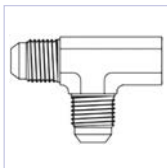
Dash Size	Male JIC	Male JIC	Male JIC
24-16-16	1 7/8-12	1 5/16-12	1 5/16-12
24-24-24	1 7/8-12	1 7/8-12	1 7/8-12
32-32-32	2 1/2-12	2 1/2-12	2 1/2-12

2605**JIC to Pipe Run Tee**

SHAPE

Tee

Dash Size	Male JIC	Male Pipe	Male JIC
03-02-03	3/8-24	1/8-27	3/8-24
04-02-04	7/16-20	1/8-27	7/16-20
04-04-04	7/16-20	1/4-18	7/16-20
05-02-05	1/2-20	1/8-27	1/2-20
05-04-05	1/2-20	1/4-18	1/2-20
06-02-06	9/16-18	1/8-27	9/16-18
06-04-06	9/16-18	1/4-18	9/16-18
06-06-04	9/16-18	3/8-18	7/16-20
06-06-06	9/16-18	3/8-18	9/16-18
06-08-06	9/16-18	1/2-14	9/16-18
08-04-08	3/4-16	1/4-18	3/4-16
08-06-08	3/4-16	3/8-18	3/4-16
08-08-08	3/4-16	1/2-14	3/4-16
08-12-08	3/4-16	3/4-14	3/4-16
10-08-10	7/8-14	1/2-14	7/8-14
10-12-10	7/8-14	3/4-14	7/8-14
12-08-12	1 1/16-12	1/2-14	1 1/16-12
12-12-08	1 1/16-12	3/4-14	3/4-16
12-12-12	1 1/16-12	3/4-14	1 1/16-12
12-16-12	1 1/16-12	1-11 1/2	1 1/16-12
12-16-16	1 1/16-12	1-11 1/2	1 5/16-12
14-12-14	1 3/16-12	3/4-14	1 3/16-12
16-12-16	1 5/16-12	3/4-14	1 5/16-12
16-16-16	1 5/16-12	1-11 1/2	1 5/16-12
20-20-20	1 5/8-12	1 1/4-11 1/2	1 5/8-12
24-24-24	1 7/8-12	1 1/2-11 1/2	1 7/8-12
32-32-32	2 1/2-12	2-11 1/2	2 1/2-12

2606**JIC to Pipe Run Tee**

SHAPE

Tee

Dash Size	Male JIC	Female Pipe	Male JIC
03-02-03	3/8-24	1/8-27	3/8-24
03-04-03	3/8-24	1/4-18	3/8-24
04-02-04	7/16-20	1/8-27	7/16-20
04-04-04	7/16-20	1/4-18	7/16-20
05-02-05	1/2-20	1/8-27	1/2-20
06-04-06	9/16-18	1/4-18	9/16-18
06-06-06	9/16-18	3/8-18	9/16-18
08-06-08	3/4-16	3/8-18	3/4-16
08-08-08	3/4-16	1/2-14	3/4-16
10-08-10	7/8-14	1/2-14	7/8-14
12-12-12	1 1/16-12	3/4-14	1 1/16-12

Dash Size	Male JIC	Female Pipe	Male JIC
14-12-14	1 3/16-12	3/4-14	1 3/16-12
16-16-16	1 5/16-12	1-11 1/2	1 5/16-12
20-20-20	1 5/8-12	1 1/4-11 1/2	1 5/8-12
24-24-24	1 7/8-12	1 1/2-11 1/2	1 7/8-12
32-32-32	2 1/2-12	2-11 1/2	2 1/2-12

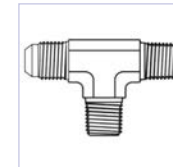
2606
▼ continued

JIC to Pipe Run Tee

SHAPE

Tee

Dash Size	Male JIC	Male Pipe	Male Pipe
04-02-02	7/16-20	1/8-27	1/8-27
06-04-04	9/16-18	1/4-18	1/4-18
08-06-06	3/4-16	3/8-18	3/8-18
08-08-08	3/4-16	1/2-14	1/2-14
10-08-08	7/8-14	1/2-14	1/2-14
12-12-12	1 1/16-12	3/4-14	3/4-14
16-16-16	1 5/16-12	1-11 1/2	1-11 1/2
20-20-20	1 5/8-12	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24	1 7/8-12	1 1/2-11 1/2	1 1/2-11 1/2



2607

AVAILABILITY

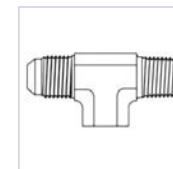
- » Import Steel
- » Steel

JIC to Pipe Run Tee

SHAPE

Tee

Dash Size	Male JIC	Male Pipe	Female Pipe
04-02-02	7/16-20	1/8-27	1/8-27
06-06-06	9/16-18	3/8-18	3/8-18
08-06-06	3/4-16	3/8-18	3/8-18
08-08-08	3/4-16	1/2-14	1/2-14
12-12-12	1 1/16-12	3/4-14	3/4-14
16-16-16	1 5/16-12	1-11 1/2	1-11 1/2
20-20-20	1 5/8-12	1 1/4-11 1/2	1 1/4-11 1/2



2611

AVAILABILITY

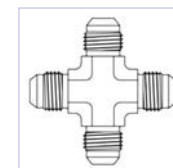
- » Import Steel
- » Steel

JIC Union Cross

SHAPE

Cross

Dash Size	Male JIC	Male JIC	Male JIC	Male JIC
02-02-02-02	5/16-24	5/16-24	5/16-24	5/16-24
04-04-04-04	7/16-20	7/16-20	7/16-20	7/16-20
05-05-05-05	1/2-20	1/2-20	1/2-20	1/2-20
06-06-06-06	9/16-18	9/16-18	9/16-18	9/16-18
08-08-08-08	3/4-16	3/4-16	3/4-16	3/4-16
10-10-10-10	7/8-14	7/8-14	7/8-14	7/8-14
12-12-12-12	1 1/16-12	1 1/16-12	1 1/16-12	1 1/16-12
14-14-14-14	1 3/16-12	1 3/16-12	1 3/16-12	1 3/16-12
16-16-16-16	1 5/16-12	1 5/16-12	1 5/16-12	1 5/16-12
20-20-20-20	1 5/8-12	1 5/8-12	1 5/8-12	1 5/8-12
24-24-24-24	1 7/8-12	1 7/8-12	1 7/8-12	1 7/8-12
32-32-32-32	2 1/2-12	2 1/2-12	2 1/2-12	2 1/2-12



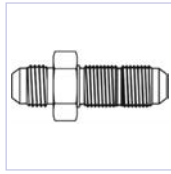
2650

COMPLIANCE

- » MS 51520
- » SAE 070501

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

2700

JIC Bulkhead Union

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: 2700-LN-04-04)

SHAPE

Straight

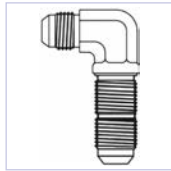
AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51520
- » SAE 070601

Dash Size	Male JIC	Male JIC
03-03	3/8-24	3/8-24
04-04	7/16-20	7/16-20
05-05	1/2-20	1/2-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
14-14	1 3/16-12	1 3/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

2701

JIC Bulkhead Union Elbow 90°

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: 2701-LN-04-04)

SHAPE

90 degree elbow

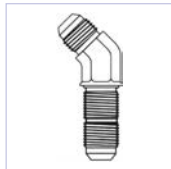
AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51507
- » SAE 070701

Dash Size	Male JIC	Male JIC
03-03	3/8-24	3/8-24
04-04	7/16-20	7/16-20
05-05	1/2-20	1/2-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
14-14	1 3/16-12	1 3/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

2702

JIC Bulkhead Union Elbow 45°

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: 2702-LN-04-04)

SHAPE

45 degree elbow

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51509
- » SAE 070801

Dash Size	Male JIC	Male JIC
03-03	3/8-24	3/8-24
04-04	7/16-20	7/16-20
05-05	1/2-20	1/2-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
14-14	1 3/16-12	1 3/16-12

Dash Size	Male JIC	Male JIC
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12

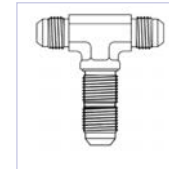
2702
▼ continued

JIC Bulkhead Union Branch Tee

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: 2703-LN-04-04)

SHAPE

Tee



2703

Dash Size	Male JIC	Male JIC	Male JIC
03-03-03	3/8-24	3/8-24	3/8-24
04-04-04	7/16-20	7/16-20	7/16-20
05-05-05	1/2-20	1/2-20	1/2-20
06-06-06	9/16-18	9/16-18	9/16-18
08-08-08	3/4-16	3/4-16	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12
20-20-20	1 5/8-12	1 5/8-12	1 5/8-12
24-24-24	1 7/8-12	1 7/8-12	1 7/8-12
32-32-32	2 1/2-12	2 1/2-12	2 1/2-12

COMPLIANCE

- » MS 51515
- » SAE 070959

AVAILABILITY

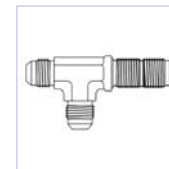
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

JIC Bulkhead Union Run Tee

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: 2704-LN-04-04)

SHAPE

Tee



2704

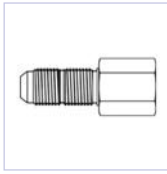
Dash Size	Male JIC	Male JIC	Male JIC
03-03-03	3/8-24	3/8-24	3/8-24
04-04-04	7/16-20	7/16-20	7/16-20
05-05-05	1/2-20	1/2-20	1/2-20
06-06-06	9/16-18	9/16-18	9/16-18
08-08-08	3/4-16	3/4-16	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12
20-20-20	1 5/8-12	1 5/8-12	1 5/8-12
24-24-24	1 7/8-12	1 7/8-12	1 7/8-12

COMPLIANCE

- » MS 51516
- » SAE 070958

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

2705**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

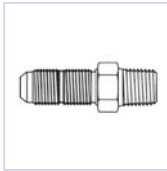
JIC to Pipe Bulkhead

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: 2705-LN-04-04)

SHAPE

Straight

Dash Size	Male JIC	Female Pipe
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
05-02	1/2-20	1/8-27
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
14-12	1 3/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

2706**AVAILABILITY**

- » Import Steel
- » Steel
- » Stainless Steel

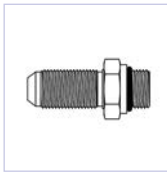
JIC to Pipe Bulkhead

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: 2706-LN-04-04)

SHAPE

Straight

Dash Size	Male JIC	Male Pipe
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

2709**AVAILABILITY**

- » Import Steel
- » Steel

JIC to O-Ring Bulkhead

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: 2709-LN-08-08)

SHAPE

Straight

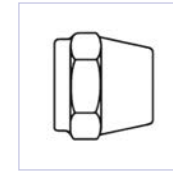
Dash Size	Male JIC	Male O-Ring
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12

JIC Short Tube Nut

SHAPE

Nut

Dash Size	Female JIC
04	7/16-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12

**0303**

AVAILABILITY

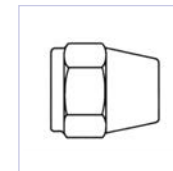
» Steel

JIC Long Tube Nut

SHAPE

Nut

Dash Size	Female JIC
03	3/8-24
04	7/16-20
05	1/2-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
14	1 3/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12
32	2 1/2-12

**0304**

COMPLIANCE

» SAE 070111

AVAILABILITY

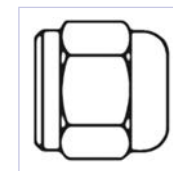
» Steel

JIC Cap

SHAPE

Cap

Dash Size	Female JIC
02	5/16-24
03	3/8-24
04	7/16-20
05	1/2-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
14	1 3/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12
32	2 1/2-12

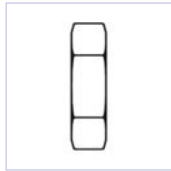
**0304-C**

COMPLIANCE

» MS 51532
» SAE 070112

AVAILABILITY

» Import Steel
» Steel
» Import Stainless Steel
» Stainless Steel

0306**AVAILABILITY**

- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51860
- » SAE 070118

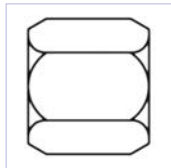
Bulkhead Locknut

To include locknut with bulkhead fitting, add "LN" after base part number. Example: 2700-LN-04-04.

SHAPE

Nut

Dash Size	Female JIC
02	5/16-24
03	3/8-24
04	7/16-20
05	1/2-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
14	1 3/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12
32	2 1/2-12

0318**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51531
- » SAE 070110

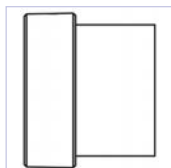
JIC Tube Nut

Sleeve required

SHAPE

Nut

Dash Size	Female JIC
02	5/16-24
03	3/8-24
04	7/16-20
05	1/2-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
14	1 3/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12
32	2 1/2-12

0319**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » MS 51532
- » SAE 070115

JIC Tube Sleeve**SHAPE**

Sleeve

Dash Size	Tube Size
02	1/8
03	3/16
04	1/4
05	5/16
06	3/8
08	1/2
10	5/8
12	3/4
14	7/8
16	1
20	1 1/4

Dash Size	Tube Size
24	1 1/2
32	2

0319
▼ continued

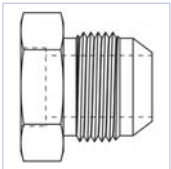
Braze-On to JIC

Use with silver braze ring. Order SBR and size (e.g. SBR-04)

SHAPE

Straight

Dash Size	Braze Port	Male JIC
04-04	1/4	7/16-20
05-05	5/16	1/2-20
06-04	3/8	7/16-20
06-06	3/8	9/16-18
06-08	3/8	3/4-16
08-06	1/2	9/16-18
08-08	1/2	3/4-16
10-08	5/8	3/4-16
10-10	5/8	7/8-14
10-12	5/8	1 1/16-12
12-08	3/4	3/4-16
12-10	3/4	7/8-14
12-12	3/4	1 1/16-12
12-16	3/4	1 5/16-12
14-14	7/8	1 3/16-12
16-12	1	1 1/16-12
16-16	1	1 5/16-12
16-20	1	1 5/8-12
20-16	1 1/4	1 5/16-12
20-20	1 1/4	1 5/8-12
24-16	1 1/2	1 5/16-12
24-20	1 1/2	1 5/8-12
24-24	1 1/2	1 7/8-12
32-32	2	2 1/2-12



0403

AVAILABILITY

- » Import Steel
- » Steel
- » Stainless Steel

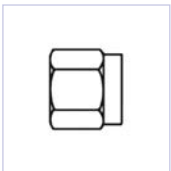
Flareless JIC Tube Nut

Sleeve is required. "NO-FLARE" NUT AND SLEEVE SHOULD NOT BE USED WITH STAINLESS TUBING. USE ONLY WITH SAE J524, J525, J527 OR J356 CARBON STEEL.

SHAPE

Nut

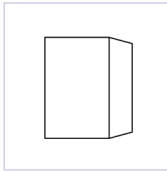
Dash Size	Female JIC
03	3/8-24
04	7/16-20
05	1/2-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12
32	2 1/2-12



0418

AVAILABILITY

- » Steel

0419**AVAILABILITY**

» Steel

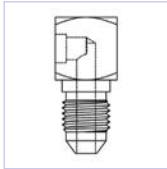
Flareless JIC Tube Sleeve

"NO-FLARE" NUT AND SLEEVE SHOULD NOT BE USED WITH STAINLESS TUBING. USE ONLY WITH SAE J524, J525, J527 OR J356 CARBON STEEL.

SHAPE

Sleeve

Dash Size	Tube Size
03	3/16
04	1/4
05	5/16
06	3/8
08	1/2
10	5/8
12	3/4
16	1
20	1 1/4
24	1 1/2
32	2

0500**AVAILABILITY**

» Import Steel

» Steel

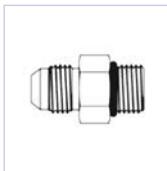
Braze Port to JIC Elbow 90°

Use with silver braze ring. Order SBR and size (e.g. SBR-04)

SHAPE

90 degree elbow

Dash Size	Braze Port	Male JIC
04-04	1/4	7/16-20
06-06	3/8	9/16-18
08-08	1/2	3/4-16
10-10	5/8	7/8-14
12-12	3/4	1 1/16-12
16-16	1	1 5/16-12
20-20	1 1/4	1 5/8-12
24-24	1 1/2	1 7/8-12

6400**AVAILABILITY**

» Import Steel

» Steel

» Import Stainless Steel

» Stainless Steel

COMPLIANCE

» MS 51525

» SAE 070120

JIC to O-Ring

RST - Available in restricted orifice, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE

Straight

Dash Size	Male JIC	Male O-Ring
02-02	5/16-24	5/16-24
03-02	3/8-24	5/16-24
03-03	3/8-24	3/8-24
03-06	3/8-24	9/16-18
04-02	7/16-20	5/16-24
04-03	7/16-20	3/8-24
04-04	7/16-20	7/16-20
04-05	7/16-20	1/2-20
04-06	7/16-20	9/16-18
04-08	7/16-20	3/4-16
04-10	7/16-20	7/8-14
04-12	7/16-20	1 1/16-12
05-02	1/2-20	5/16-24
05-04	1/2-20	7/16-20
05-05	1/2-20	1/2-20
05-06	1/2-20	9/16-18
05-08	1/2-20	3/4-16

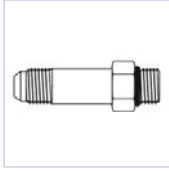
Hydraulic Adapters & Fittings

37° JIC Adapters

Dash Size	Male JIC	Male O-Ring
06-04	9/16-18	7/16-20
06-05	9/16-18	1/2-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
06-10	9/16-18	7/8-14
06-12	9/16-18	1 1/16-12
06-16	9/16-18	1 5/16-12
08-04	3/4-16	7/16-20
08-05	3/4-16	1/2-20
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
08-12	3/4-16	1 1/16-12
08-14	3/4-16	1 3/16-12
08-16	3/4-16	1 5/16-12
08-24	3/4-16	1 7/8-12
10-04	7/8-14	7/16-20
10-06	7/8-14	9/16-18
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
10-12	7/8-14	1 1/16-12
10-14	7/8-14	1 3/16-12
10-16	7/8-14	1 5/16-12
10-20	7/8-14	1 5/8-12
12-04	1 1/16-12	7/16-20
12-06	1 1/16-12	9/16-18
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
12-14	1 1/16-12	1 3/16-12
12-16	1 1/16-12	1 5/16-12
12-20	1 1/16-12	1 5/8-12
12-24	1 1/16-12	1 7/8-12
14-10	1 3/16-12	7/8-14
14-12	1 3/16-12	1 1/16-12
14-14	1 3/16-12	1 3/16-12
14-16	1 3/16-12	1 5/16-12
16-08	1 5/16-12	3/4-16
16-10	1 5/16-12	7/8-14
16-12	1 5/16-12	1 1/16-12
16-14	1 5/16-12	1 3/16-12
16-16	1 5/16-12	1 5/16-12
16-20	1 5/16-12	1 5/8-12
16-24	1 5/16-12	1 7/8-12
20-12	1 5/8-12	1 1/16-12
20-16	1 5/8-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
20-24	1 5/8-12	1 7/8-12
20-32	1 5/8-12	2 1/2-12
24-16	1 7/8-12	1 5/16-12
24-20	1 7/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
24-32	1 7/8-12	2 1/2-12
32-20	2 1/2-12	1 5/8-12
32-24	2 1/2-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

6400

▼ continued

6400-L**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

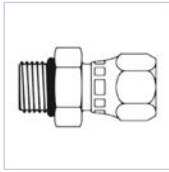
COMPLIANCE

- » MS 51526
- » SAE 070122

JIC to O-Ring - Long**SHAPE**

Straight

Dash Size	Male JIC	Male O-Ring	Overall Adapter Length (OAL)
04-04	7/16-20	7/16-20	2.08
05-05	1/2-20	1/2-20	2.14
06-06	9/16-18	9/16-18	2.31
06-08	9/16-18	3/4-16	2.60
08-08	3/4-16	3/4-16	2.70
08-10	3/4-16	7/8-14	2.94
10-10	7/8-14	7/8-14	3.04
12-10	1 1/16-12	7/8-14	3.52
12-12	1 1/16-12	1 1/16-12	3.61
12-16	1 1/16-12	1 5/16-12	3.93
14-14	1 3/16-12	1 3/16-12	3.80
16-12	1 5/16-12	1 1/16-12	3.98
16-16	1 5/16-12	1 5/16-12	3.98
20-16	1 5/8-12	1 5/16-12	4.85
20-20	1 5/8-12	1 5/8-12	4.69
24-24	1 7/8-12	1 7/8-12	5.17

6402**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

O-Ring to JIC Swivel**SHAPE**

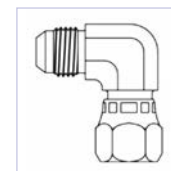
Straight

Dash Size	Male O-Ring	Female JIC Swivel
04-04	7/16-20	7/16-20
05-05	1/2-20	1/2-20
06-04	9/16-18	7/16-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
10-12	7/8-14	1 1/16-12
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
12-16	1 1/16-12	1 5/16-12
14-14	1 3/16-12	1 3/16-12
16-12	1 5/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
16-20	1 5/16-12	1 5/8-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12

JIC Swivel Elbow 90°**SHAPE**

90 degree elbow

Dash Size	Male JIC	Female JIC Swivel
02-02	5/16-24	5/16-24
03-03	3/8-24	3/8-24
04-04	7/16-20	7/16-20
04-06	7/16-20	9/16-18
05-05	1/2-20	1/2-20
06-04	9/16-18	7/16-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
08-12	3/4-16	1 1/16-12
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
10-12	7/8-14	1 1/16-12
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
12-16	1 1/16-12	1 5/16-12
14-14	1 3/16-12	1 3/16-12
16-12	1 5/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

**6500****COMPLIANCE**

- » MS 51521
- » SAE 070221

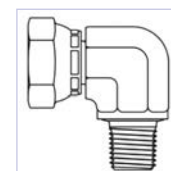
AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

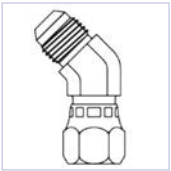
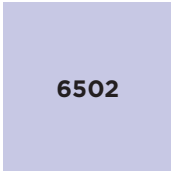
JIC Swivel to Pipe Elbow 90°**SHAPE**

90 degree elbow

Dash Size	Female JIC Swivel	Male Pipe
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-08	7/8-14	1/2-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
14-12	1 3/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

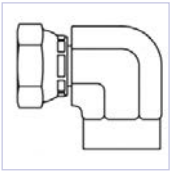
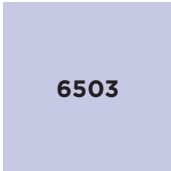
**6501****AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel



JIC Swivel Elbow 45°

SHAPE			45 degree elbow
Dash Size	Male JIC	Female JIC Swivel	
02-02	5/16-24	5/16-24	
03-03	3/8-24	3/8-24	
04-04	7/16-20	7/16-20	
05-05	1/2-20	1/2-20	
06-06	9/16-18	9/16-18	
08-08	3/4-16	3/4-16	
10-10	7/8-14	7/8-14	
12-12	1 1/16-12	1 1/16-12	
14-14	1 3/16-12	1 3/16-12	
16-12	1 5/16-12	1 1/16-12	
16-16	1 5/16-12	1 5/16-12	
20-20	1 5/8-12	1 5/8-12	
24-24	1 7/8-12	1 7/8-12	
32-32	2 1/2-12	2 1/2-12	



JIC Swivel to Pipe Elbow 90°

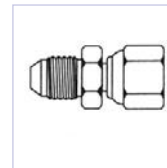
SHAPE			90 degree elbow
Dash Size	Female JIC Swivel	Female Pipe	
04-04	7/16-20	1/4-18	
04-06	7/16-20	3/8-18	
06-04	9/16-18	1/4-18	
06-06	9/16-18	3/8-18	
06-08	9/16-18	1/2-14	
08-06	3/4-16	3/8-18	
08-08	3/4-16	1/2-14	
10-08	7/8-14	1/2-14	
12-04	1 1/16-12	1/4-18	
12-12	1 1/16-12	3/4-14	
16-16	1 5/16-12	1-11 1/2	
20-20	1 5/8-12	1 1/4-11 1/2	

JIC Swivel Extender

SHAPE

Straight

Dash Size	Male JIC	Female JIC Swivel
03-04	3/8-24	7/16-20
04-04	7/16-20	7/16-20
04-05	7/16-20	1/2-20
05-05	1/2-20	1/2-20
06-04	9/16-18	7/16-20
06-05	9/16-18	1/2-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
10-10	7/8-14	7/8-14
10-12	7/8-14	1 1/16-12
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12



6504

AVAILABILITY

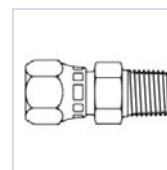
- » Import Steel
- » Steel
- » Stainless Steel

JIC Swivel to Pipe

SHAPE

Straight

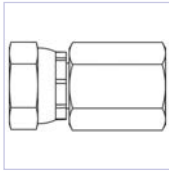
Dash Size	Female JIC Swivel	Male Pipe
02-04	5/16-24	1/4-18
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
16-08	1 5/16-12	1/2-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2
40-40	3-12	2 1/2-8



6505

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

6506**JIC Swivel to Pipe**

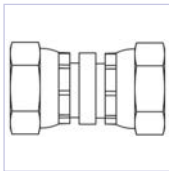
SHAPE

Straight

Dash Size	Female JIC Swivel	Female Pipe
02-04	5/16-24	1/4-18
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
05-04	1/2-20	1/4-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
14-12	1 3/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

6510**JIC Swivel Union**

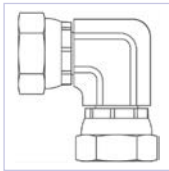
SHAPE

Straight

Dash Size	Female JIC Swivel	Female JIC Swivel
02-02	5/16-24	5/16-24
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

AVAILABILITY

- » Import Steel
- » Steel
- » Stainless Steel

6511**JIC Swivel Union Elbow 90°**

SHAPE

90 degree elbow

Dash Size	Female JIC Swivel	Female JIC Swivel
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12

AVAILABILITY

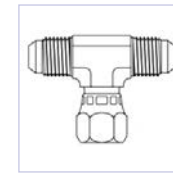
- » Domestic Steel

JIC Swivel Branch Tee

SHAPE

Tee

Dash Size	Male JIC	Male JIC	Female JIC Swivel
03-03-03	3/8-24	3/8-24	3/8-24
04-04-04	7/16-20	7/16-20	7/16-20
05-05-05	1/2-20	1/2-20	1/2-20
06-06-06	9/16-18	9/16-18	9/16-18
06-06-08	9/16-18	9/16-18	3/4-16
08-08-08	3/4-16	3/4-16	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12
14-14-14	1 3/16-12	1 3/16-12	1 3/16-12
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12
20-20-20	1 5/8-12	1 5/8-12	1 5/8-12
24-24-24	1 7/8-12	1 7/8-12	1 7/8-12
32-32-32	2 1/2-12	2 1/2-12	2 1/2-12



6600

COMPLIANCE

- » MS 51524
- » SAE 070433

AVAILABILITY

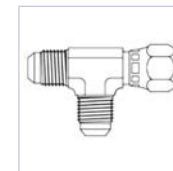
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

JIC Swivel Run Tee

SHAPE

Tee

Dash Size	Male JIC	Female JIC Swivel	Male JIC
03-03-03	3/8-24	3/8-24	3/8-24
04-04-04	7/16-20	7/16-20	7/16-20
05-05-05	1/2-20	1/2-20	1/2-20
06-06-06	9/16-18	9/16-18	9/16-18
08-08-08	3/4-16	3/4-16	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
12-12-08	1 1/16-12	1 1/16-12	3/4-16
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12
14-14-14	1 3/16-12	1 3/16-12	1 3/16-12
16-16-04	1 5/16-12	1 5/16-12	7/16-20
16-16-08	1 5/16-12	1 5/16-12	3/4-16
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12
20-20-20	1 5/8-12	1 5/8-12	1 5/8-12
24-24-24	1 7/8-12	1 7/8-12	1 7/8-12
32-32-32	2 1/2-12	2 1/2-12	2 1/2-12



6602

COMPLIANCE

- » MS 51523
- » SAE 070432

AVAILABILITY

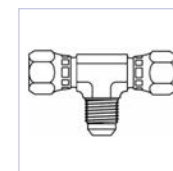
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

JIC Swivel Branch Tee

SHAPE

Tee

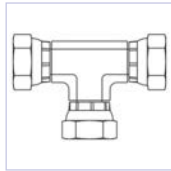
Dash Size	Female JIC Swivel	Female JIC Swivel	Male JIC
04-04-04	7/16-20	7/16-20	7/16-20
06-06-06	9/16-18	9/16-18	9/16-18
08-08-08	3/4-16	3/4-16	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12



6603

AVAILABILITY

- » Import Steel
- » Steel

6606**JIC Swivel Union Tee**

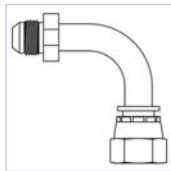
SHAPE

Tee

Dash Size	Female JIC Swivel	Female JIC Swivel	Female JIC Swivel
04-04-04	7/16-20	7/16-20	7/16-20
06-06-06	9/16-18	9/16-18	9/16-18
08-08-08	3/4-16	3/4-16	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12

AVAILABILITY

- » Import Steel
- » Steel

6701**JIC Swivel Bent Tube Elbow 90°**

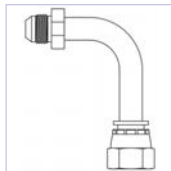
SHAPE

90 degree elbow

Dash Size	Male JIC	Female JIC Swivel
04-04	7/16-20	7/16-20
05-05	1/2-20	1/2-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12

AVAILABILITY

- » Steel

6701-L**JIC Swivel Bent Tube- Long Elbow 90°**

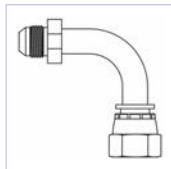
SHAPE

90 degree elbow

Dash Size	Male JIC	Female JIC Swivel
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12

AVAILABILITY

- » Steel

6701-XH**JIC Swivel High Pressure Bent Tube Elbow 90°**

Meets SAE 100R10 pressures.

SHAPE

90 degree elbow

Dash Size	Male JIC	Female JIC Swivel
08-08	3/4-16	3/4-16
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12

AVAILABILITY

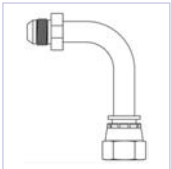
- » Steel

JIC Swivel High Pressure Bent Tube Long Elbow 90°

Meets SAE 100R10 pressures.

SHAPE90 degree elbow

Dash Size	Male JIC	Female JIC Swivel
08-08	3/4-16	3/4-16
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12



6701-LXH

AVAILABILITY
» Steel

JIC Swivel Bent Tube Elbow 45°

SHAPE45 degree elbow

Dash Size	Male JIC	Female JIC Swivel
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12



6702

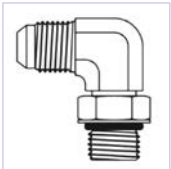
AVAILABILITY
» Steel

JIC to O-Ring Elbow 90°

RST - Available in restricted orifice, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE90 degree elbow

Dash Size	Male JIC	Male O-Ring
02-02	5/16-24	5/16-24
03-03	3/8-24	3/8-24
04-02	7/16-20	5/16-24
04-03	7/16-20	3/8-24
04-04	7/16-20	7/16-20
04-05	7/16-20	1/2-20
04-06	7/16-20	9/16-18
04-08	7/16-20	3/4-16
04-10	7/16-20	7/8-14
05-04	1/2-20	7/16-20
05-05	1/2-20	1/2-20
05-06	1/2-20	9/16-18
05-08	1/2-20	3/4-16
06-04	9/16-18	7/16-20
06-05	9/16-18	1/2-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
06-10	9/16-18	7/8-14
06-12	9/16-18	1 1/16-12
08-04	3/4-16	7/16-20
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
08-12	3/4-16	1 1/16-12
08-16	3/4-16	1 5/16-12
10-06	7/8-14	9/16-18
10-08	7/8-14	3/4-16



6801

COMPLIANCE
» MS 51527
» SAE 070220

AVAILABILITY
» Import Steel
» Steel
» Import Stainless Steel
» Stainless Steel

▼ 6801 continues

37° JIC Adapters

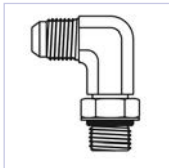
Hydraulic Adapters & Fittings

6801

▼ continued

Dash Size	Male JIC	Male O-Ring
10-10	7/8-14	7/8-14
10-12	7/8-14	1 1/16-12
10-16	7/8-14	1 5/16-12
12-06	1 1/16-12	9/16-18
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
12-14	1 1/16-12	1 3/16-12
12-16	1 1/16-12	1 5/16-12
12-20	1 1/16-12	1 5/8-12
14-12	1 3/16-12	1 1/16-12
14-14	1 3/16-12	1 3/16-12
14-16	1 3/16-12	1 5/16-12
16-08	1 5/16-12	3/4-16
16-10	1 5/16-12	7/8-14
16-12	1 5/16-12	1 1/16-12
16-14	1 5/16-12	1 3/16-12
16-16	1 5/16-12	1 5/16-12
16-20	1 5/16-12	1 5/8-12
16-24	1 5/16-12	1 7/8-12
20-12	1 5/8-12	1 1/16-12
20-14	1 5/8-12	1 3/16-12
20-16	1 5/8-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
20-24	1 5/8-12	1 7/8-12
24-16	1 7/8-12	1 5/16-12
24-20	1 7/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
24-32	1 7/8-12	2 1/2-12
32-20	2 1/2-12	1 5/8-12
32-24	2 1/2-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

6801-L



JIC to O-Ring - Long Elbow 90°

Drop Length = Middle of JIC to End of Male O-Ring Threads.

SHAPE

90 degree elbow

Dash Size	Male JIC	Male O-Ring	Drop Length
04-04	7/16-20	7/16-20	1.19
04-04	7/16-20	7/16-20	1.54
04-06	7/16-20	9/16-18	1.66
06-06	9/16-18	9/16-18	1.66
06-08	9/16-18	3/4-16	1.81
06-10	9/16-18	7/8-14	2.16
08-06	3/4-16	9/16-18	1.75
08-08	3/4-16	3/4-16	1.97
08-10	3/4-16	7/8-14	2.16
10-08	7/8-14	3/4-16	1.81
10-10	7/8-14	7/8-14	2.26
12-12	1 1/16-12	1 1/16-12	2.47
12-12	1 1/16-12	1 1/16-12	2.62
16-16	1 5/16-12	1 5/16-12	3.06
20-20	1 5/8-12	1 5/8-12	3.48

Tompkins
INDUSTRIES, INC.

Call 800.255.1008 or visit www.tompkinsind.com for full material availability.

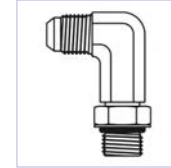
JIC to O-Ring - Extra Long Elbow 90°

Drop Length = Middle of JIC to End of Male O-Ring Threads.

SHAPE

90 degree elbow

Dash Size	Male JIC	Male O-Ring	Drop Length
04-04	7/16-20	7/16-20	1.73
04-06	7/16-20	9/16-18	2.07
06-06	9/16-18	9/16-18	2.08
06-08	9/16-18	3/4-16	2.49
08-06	3/4-16	9/16-18	2.35
08-08	3/4-16	3/4-16	2.48
08-10	3/4-16	7/8-14	3.25
10-08	7/8-14	3/4-16	2.56
10-10	7/8-14	7/8-14	3.25
12-08	1 1/16-12	3/4-16	2.67
12-12	1 1/16-12	1 1/16-12	3.34
16-12	1 5/16-12	1 1/16-12	3.47
16-16	1 5/16-12	1 5/16-12	3.72
20-20	1 5/8-12	1 5/8-12	4.41



6801-LL

AVAILABILITY

- » Import Steel
- » Steel

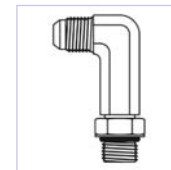
JIC to O-Ring - Extra Extra Long Elbow 90°

Drop Length = Middle of JIC to End of Male O-Ring Threads.

SHAPE

90 degree elbow

Dash Size	Male JIC	Male O-Ring	Drop Length
04-04	7/16-20	7/16-20	2.44
06-06	9/16-18	9/16-18	3.06
06-08	9/16-18	3/4-16	3.53
08-08	3/4-16	3/4-16	3.53
10-10	7/8-14	7/8-14	3.69
12-08	1 1/16-12	3/4-16	3.69



6801-LLL

AVAILABILITY

- » Import Steel
- » Steel

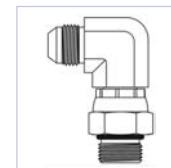
JIC to O-Ring Swivel Elbow 90°

Swivel for installation only. May leak at low or residual system pressure. Not intended for use exceeding 212 degrees Fahrenheit.

SHAPE

90 degree elbow

Dash Size	Male JIC	Male O-Ring
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14



6801-S

AVAILABILITY

- » Import Steel
- » Steel

6802**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

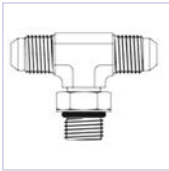
- » MS 51528
- » SAE 070320

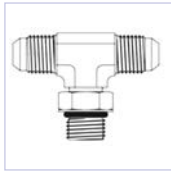
JIC to O-Ring Elbow 45°**SHAPE**

45 degree elbow

Dash Size	Male JIC	Male O-Ring
02-02	5/16-24	5/16-24
03-03	3/8-24	3/8-24
04-04	7/16-20	7/16-20
04-05	7/16-20	1/2-20
04-06	7/16-20	9/16-18
04-08	7/16-20	3/4-16
05-04	1/2-20	7/16-20
05-05	1/2-20	1/2-20
05-06	1/2-20	9/16-18
05-08	1/2-20	3/4-16
06-04	9/16-18	7/16-20
06-05	9/16-18	1/2-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
06-10	9/16-18	7/8-14
06-12	9/16-18	1 1/16-12
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
08-12	3/4-16	1 1/16-12
08-16	3/4-16	1 5/16-12
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
10-12	7/8-14	1 1/16-12
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
12-14	1 1/16-12	1 3/16-12
12-16	1 1/16-12	1 5/16-12
14-14	1 3/16-12	1 3/16-12
16-12	1 5/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
16-20	1 5/16-12	1 5/8-12
20-16	1 5/8-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
20-24	1 5/8-12	1 7/8-12
24-20	1 7/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

JIC to O-Ring Branch Tee

SHAPE				Tee
Dash Size	Male JIC	Male JIC	Male O-Ring	
04-04-04	7/16-20	7/16-20	7/16-20	
04-04-06	7/16-20	7/16-20	9/16-18	
05-05-05	1/2-20	1/2-20	1/2-20	
05-05-06	1/2-20	1/2-20	9/16-18	
06-06-06	9/16-18	9/16-18	9/16-18	
06-06-08	9/16-18	9/16-18	3/4-16	
06-08-08	9/16-18	3/4-16	3/4-16	
08-06-08	3/4-16	9/16-18	3/4-16	
08-08-06	3/4-16	3/4-16	9/16-18	
08-08-08	3/4-16	3/4-16	3/4-16	
08-08-10	3/4-16	3/4-16	7/8-14	
08-08-12	3/4-16	3/4-16	1 1/16-12	
10-10-08	7/8-14	7/8-14	3/4-16	
10-10-10	7/8-14	7/8-14	7/8-14	
12-12-08	1 1/16-12	1 1/16-12	3/4-16	
12-12-10	1 1/16-12	1 1/16-12	7/8-14	
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12	
12-12-16	1 1/16-12	1 1/16-12	1 5/16-12	
14-14-14	1 3/16-12	1 3/16-12	1 3/16-12	
16-16-12	1 5/16-12	1 5/16-12	1 1/16-12	
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12	
20-20-20	1 5/8-12	1 5/8-12	1 5/8-12	
24-24-24	1 7/8-12	1 7/8-12	1 7/8-12	
32-32-32	2 1/2-12	2 1/2-12	2 1/2-12	



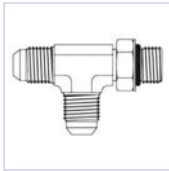
COMPLIANCE

- » MS 51529
- » SAE 070429

6803

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

6804**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

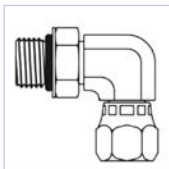
COMPLIANCE

- » MS 51530
- » SAE 070428

JIC to O-Ring Run Tee**SHAPE**

Tee

Dash Size	Male JIC	Male O-Ring	Male JIC
04-04-04	7/16-20	7/16-20	7/16-20
04-06-04	7/16-20	9/16-18	7/16-20
04-06-06	7/16-20	9/16-18	9/16-18
05-05-05	1/2-20	1/2-20	1/2-20
06-04-06	9/16-18	7/16-20	9/16-18
06-06-06	9/16-18	9/16-18	9/16-18
06-06-08	9/16-18	9/16-18	3/4-16
06-08-06	9/16-18	3/4-16	9/16-18
08-06-08	3/4-16	9/16-18	3/4-16
08-08-04	3/4-16	3/4-16	7/16-20
08-08-08	3/4-16	3/4-16	3/4-16
08-10-08	3/4-16	7/8-14	3/4-16
08-12-08	3/4-16	1 1/16-12	3/4-16
10-08-08	7/8-14	3/4-16	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
10-12-10	7/8-14	1 1/16-12	7/8-14
12-10-12	1 1/16-12	7/8-14	1 1/16-12
12-12-04	1 1/16-12	1 1/16-12	7/16-20
12-12-08	1 1/16-12	1 1/16-12	3/4-16
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12
12-12-16	1 1/16-12	1 1/16-12	1 5/16-12
12-16-12	1 1/16-12	1 5/16-12	1 1/16-12
14-14-14	1 3/16-12	1 3/16-12	1 3/16-12
16-12-16	1 5/16-12	1 1/16-12	1 5/16-12
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12
20-20-20	1 5/8-12	1 5/8-12	1 5/8-12
24-24-24	1 7/8-12	1 7/8-12	1 7/8-12
32-32-32	2 1/2-12	2 1/2-12	2 1/2-12

6809**AVAILABILITY**

- » Import Steel
- » Steel

O-Ring to JIC Swivel Elbow 90°**SHAPE**

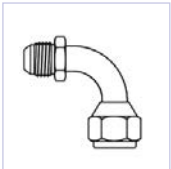
90 degree elbow

Dash Size	Male O-Ring	Female JIC Swivel
04-04	7/16-20	7/16-20
06-04	9/16-18	7/16-20
06-06	9/16-18	9/16-18
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
12-08	1 1/16-12	3/4-16
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12

JIC Swivel Bent Tube No Braze Elbow 90°

SHAPE90 degree elbow

Dash Size	Male JIC	Female JIC Swivel
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12



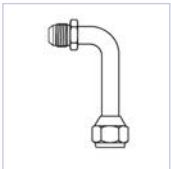
NB6701

AVAILABILITY
» Import Steel

JIC Swivel Bent Tube No Braze Long Elbow 90°

SHAPE90 degree elbow

Dash Size	Male JIC	Female JIC Swivel
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12



NB6701-L

AVAILABILITY
» Import Steel

JIC Swivel Bent Tube No Braze Elbow 45°

SHAPE45 degree elbow

Dash Size	Male JIC	Female JIC Swivel
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12

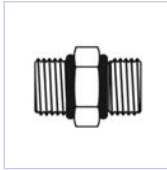


NB6702

AVAILABILITY
» Import Steel

SAE O-Ring Adapters

6403



O-Ring Union

SHAPE

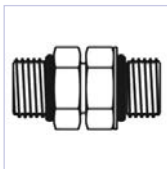
Straight

Dash Size	Male O-Ring	Male O-Ring
04-04	7/16-20	7/16-20
06-04	9/16-18	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
16-12	1 5/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-16	1 5/8-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-20	1 7/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

AVAILABILITY

- » Import Steel
- » Steel

6403-NWO



O-Ring Adjustable Union

SHAPE

Straight

Dash Size	Male O-Ring	Male O-Ring
03-03	3/8-24	3/8-24
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
16-12	1 5/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

AVAILABILITY

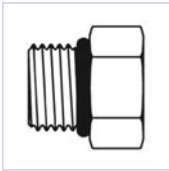
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

O-Ring Hex Plug

SHAPE

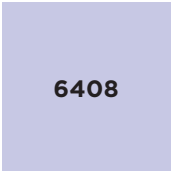
Plug

Dash Size	Male O-Ring
02	5/16-24
03	3/8-24
04	7/16-20
05	1/2-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
14	1 3/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12
32	2 1/2-12



COMPLIANCE

» SAE 090109A



AVAILABILITY

» Import Steel

» Steel

» Import Stainless Steel

» Stainless Steel

O-Ring Hollow Hex Plug

SHAPE

Plug

Dash Size	Male O-Ring
02	5/16-24
03	3/8-24
04	7/16-20
05	1/2-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
14	1 3/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12
32	2 1/2-12



COMPLIANCE

» SAE 090109B



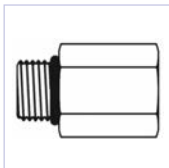
AVAILABILITY

» Import Steel

» Steel

» Import Stainless Steel

» Stainless Steel

6410**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

O-Ring to O-Ring Reducer/Expander/Extender**SHAPE**

Straight

Dash Size	Male O-Ring	Female O-Ring
02-04	5/16-24	7/16-20
04-04	7/16-20	7/16-20
04-05	7/16-20	1/2-20
04-06	7/16-20	9/16-18
04-08	7/16-20	3/4-16
05-03	1/2-20	3/8-24
05-04	1/2-20	7/16-20
05-06	1/2-20	9/16-18
06-04	9/16-18	7/16-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
08-04	3/4-16	7/16-20
08-05	3/4-16	1/2-20
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
08-12	3/4-16	1 1/16-12
10-04	7/8-14	7/16-20
10-05	7/8-14	1/2-20
10-06	7/8-14	9/16-18
10-08	7/8-14	3/4-16
10-12	7/8-14	1 1/16-12
12-04	1 1/16-12	7/16-20
12-06	1 1/16-12	9/16-18
12-08	1 1/16-12	3/4-16
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
12-14	1 1/16-12	1 3/16-12
12-16	1 1/16-12	1 5/16-12
12-20	1 1/16-12	1 5/8-12
14-08	1 3/16-12	3/4-16
14-10	1 3/16-12	7/8-14
14-12	1 3/16-12	1 1/16-12
16-04	1 5/16-12	7/16-20
16-06	1 5/16-12	9/16-18
16-08	1 5/16-12	3/4-16
16-10	1 5/16-12	7/8-14
16-12	1 5/16-12	1 1/16-12
16-14	1 5/16-12	1 3/16-12
16-16	1 5/16-12	1 5/16-12
16-20	1 5/16-12	1 5/8-12
20-04	1 5/8-12	7/16-20
20-06	1 5/8-12	9/16-18
20-08	1 5/8-12	3/4-16
20-10	1 5/8-12	7/8-14
20-12	1 5/8-12	1 1/16-12
20-16	1 5/8-12	1 5/16-12
20-24	1 5/8-12	1 7/8-12
24-12	1 7/8-12	1 1/16-12
24-16	1 7/8-12	1 5/16-12
24-20	1 7/8-12	1 5/8-12

Dash Size	Male O-Ring	Female O-Ring
32-12	2 1/2-12	1 1/16-12
32-16	2 1/2-12	1 5/16-12
32-20	2 1/2-12	1 5/8-12
32-24	2 1/2-12	1 7/8-12

6410

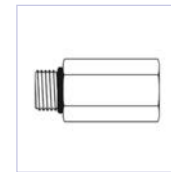
▼ continued

O-Ring to O-Ring Extender

SHAPE

Straight

Dash Size	Male O-Ring	Female O-Ring	Overall Adapter Length (OAL)
04-04	7/16-20	7/16-20	1.25
06-06	9/16-18	9/16-18	1.50
08-08	3/4-16	3/4-16	1.75
10-10	7/8-14	7/8-14	2.00
10-10	7/8-14	7/8-14	2.38
12-12	1 1/16-12	1 1/16-12	2.38

**6410-L**

AVAILABILITY

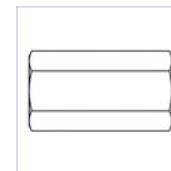
- » Import Steel
- » Steel

O-Ring to O-Ring Coupling

SHAPE

Straight

Dash Size	Female O-Ring	Female O-Ring
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12

**6425**

AVAILABILITY

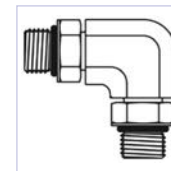
- » Import Steel
- » Steel

O-Ring Adjustable Union Elbow 90°

SHAPE

90 degree elbow

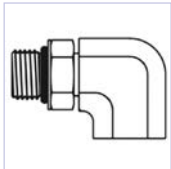
Dash Size	Male O-Ring	Male O-Ring
04-04	7/16-20	7/16-20
06-04	9/16-18	7/16-20
06-06	9/16-18	9/16-18
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

**6807**

AVAILABILITY

- » Import Steel
- » Steel

6815



O-Ring Adjustable Street Elbow 90°

SHAPE

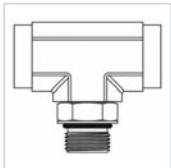
90 degree elbow

Dash Size	Male O-Ring	Female O-Ring
04-04	7/16-20	7/16-20
04-06	7/16-20	9/16-18
06-04	9/16-18	7/16-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-10	1 1/16-12	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12

AVAILABILITY

- » Import Steel
- » Steel

6832



O-Ring Branch Tee

SHAPE

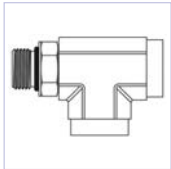
Tee

Dash Size	Female O-Ring	Female O-Ring	Male O-Ring
06-06-06	9/16-18	9/16-18	9/16-18
08-08-08	3/4-16	3/4-16	3/4-16
16-16-16	1 5/16-12	1 5/16-12	1 5/16-12

AVAILABILITY

- » Import Steel

6835



O-Ring Street Tee

SHAPE

Tee

Dash Size	Male O-Ring	Female O-Ring	Female O-Ring
04-04-04	7/16-20	7/16-20	7/16-20
06-06-06	9/16-18	9/16-18	9/16-18
08-08-08	3/4-16	3/4-16	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
12-12-12	1 1/16-12	1 1/16-12	1 1/16-12

AVAILABILITY

- » Import Steel

Viton 75 Durometer SAE Boss O-Ring

SHAPE

O-Ring

Dash Size
02
03
04
05
06
08
10
12
14
16
20
24
32



AVAILABILITY
» Viton 75 Durometer

Buna-Nitrile 90 Durometer SAE Boss O-Ring

SHAPE

O-Ring

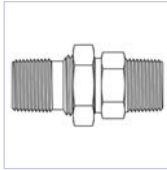
Dash Size
02
03
04
05
06
08
10
12
14
16
20
24
32



AVAILABILITY
» Buna-Nitrile 90 Durometer

Pipe Adapters

2708



Pipe Bulkhead

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: 2708-LN-04-04)

SHAPE

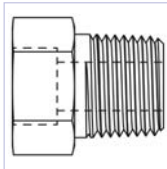
Straight

AVAILABILITY

» Steel

Dash Size	Male Pipe	Male Pipe
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2

0404



Braze Port to Pipe

Use with silver braze ring. Order SBR and size (e.g. SBR-04).

SHAPE

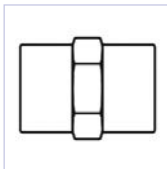
Straight

AVAILABILITY

» Steel

Dash Size	Braze Port	Male Pipe
06-04	3/8	1/4-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14
10-08	5/8	1/2-14
12-08	3/4	1/2-14
12-12	3/4	3/4-14
16-16	1	1-11 1/2
20-16	1 1/4	1-11 1/2
20-20	1 1/4	1 1/4-11 1/2
24-24	1 1/2	1 1/2-11 1/2

5000



Pipe Coupling

SHAPE

Straight

AVAILABILITY

» Import Steel
» Steel
» Import Stainless Steel
» Stainless Steel

COMPLIANCE

» SAE 140138

Dash Size	Female Pipe	Female Pipe
02-02	1/8-27	1/8-27
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
06-02	3/8-18	1/8-27
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-02	1/2-14	1/8-27
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
12-04	3/4-14	1/4-18
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-08	1-11 1/2	1/2-14
16-12	1-11 1/2	3/4-14

Dash Size	Female Pipe	Female Pipe
16-16	1-11 1/2	1-11 1/2
20-12	1 1/4-11 1/2	3/4-14
20-16	1 1/4-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-20	1 1/2-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

5000
▼ continued

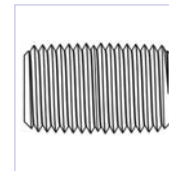
Close Pipe Nipple GALVANIZED

Schedule 80 Galvanized Steel.

SHAPE

Straight

Dash Size	Male Pipe	Male Pipe	Overall Adapter Length (OAL)
02-02	1/8-27	1/8-27	0.75
04-04	1/4-18	1/4-18	0.75
04-04	1/4-18	1/4-18	0.875
06-06	3/8-18	3/8-18	1.00
08-08	1/2-14	1/2-14	1.00
08-08	1/2-14	1/2-14	1.125
12-12	3/4-14	3/4-14	1.375
16-16	1-11 1/2	1-11 1/2	1.50
20-20	1 1/4-11 1/2	1 1/4-11 1/2	1.625
24-24	1 1/2-11 1/2	1 1/2-11 1/2	1.75
32-32	2-11 1/2	2-11 1/2	2.00



5400-CL

COMPLIANCE

» 3000 psi

AVAILABILITY

» Steel
» Stainless Steel

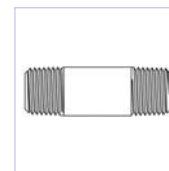
Long Pipe Nipple

Black Extra Heavy Schedule 80 Seamless

SHAPE

Straight

Dash Size	Male Pipe	Male Pipe	Overall Adapter Length (OAL)
02-02	1/8-27	1/8-27	1.50
02-02	1/8-27	1/8-27	2.00
02-02	1/8-27	1/8-27	2.50
02-02	1/8-27	1/8-27	3.00
02-02	1/8-27	1/8-27	3.50
02-02	1/8-27	1/8-27	4.00
02-02	1/8-27	1/8-27	5.00
02-02	1/8-27	1/8-27	6.00
02-02	1/8-27	1/8-27	9.00
04-04	1/4-18	1/4-18	1.50
04-04	1/4-18	1/4-18	2.00
04-04	1/4-18	1/4-18	2.50
04-04	1/4-18	1/4-18	3.00
04-04	1/4-18	1/4-18	3.50
04-04	1/4-18	1/4-18	4.00
04-04	1/4-18	1/4-18	5.00
04-04	1/4-18	1/4-18	6.00
06-06	3/8-18	3/8-18	2.00
06-06	3/8-18	3/8-18	2.50
06-06	3/8-18	3/8-18	3.00
06-06	3/8-18	3/8-18	3.50



5400-N

COMPLIANCE

» 3000 psi

AVAILABILITY

» Steel
» Stainless Steel

▼ 5400-N continues

Pipe Adapters

Hydraulic Adapters & Fittings

5400-N
▼ continued

Dash Size	Male Pipe	Male Pipe	Overall Adapter Length (OAL)
06-06	3/8-18	3/8-18	4.00
06-06	3/8-18	3/8-18	4.50
06-06	3/8-18	3/8-18	5.00
06-06	3/8-18	3/8-18	5.50
06-06	3/8-18	3/8-18	6.00
06-06	3/8-18	3/8-18	7.00
06-06	3/8-18	3/8-18	8.00
08-08	1/2-14	1/2-14	2.00
08-08	1/2-14	1/2-14	2.50
08-08	1/2-14	1/2-14	3.00
08-08	1/2-14	1/2-14	4.00
08-08	1/2-14	1/2-14	4.50
08-08	1/2-14	1/2-14	5.00
08-08	1/2-14	1/2-14	6.00
08-08	1/2-14	1/2-14	8.00
08-08	1/2-14	1/2-14	12.00
12-12	3/4-14	3/4-14	2.00
12-12	3/4-14	3/4-14	2.50
12-12	3/4-14	3/4-14	3.00
12-12	3/4-14	3/4-14	3.50
12-12	3/4-14	3/4-14	4.00
12-12	3/4-14	3/4-14	5.00
12-12	3/4-14	3/4-14	5.50
12-12	3/4-14	3/4-14	6.00
12-12	3/4-14	3/4-14	10.00
12-12	3/4-14	3/4-14	12.00
16-16	1-11 1/2	1-11 1/2	3.00
16-16	1-11 1/2	1-11 1/2	4.00
16-16	1-11 1/2	1-11 1/2	5.00
16-16	1-11 1/2	1-11 1/2	5.50
16-16	1-11 1/2	1-11 1/2	6.00
16-16	1-11 1/2	1-11 1/2	8.00
20-20	1 1/4-11 1/2	1 1/4-11 1/2	2.50
20-20	1 1/4-11 1/2	1 1/4-11 1/2	3.00
20-20	1 1/4-11 1/2	1 1/4-11 1/2	3.50
20-20	1 1/4-11 1/2	1 1/4-11 1/2	4.00
20-20	1 1/4-11 1/2	1 1/4-11 1/2	5.00
20-20	1 1/4-11 1/2	1 1/4-11 1/2	6.00
20-20	1 1/4-11 1/2	1 1/4-11 1/2	9.00
24-24	1 1/2-11 1/2	1 1/2-11 1/2	4.00
24-24	1 1/2-11 1/2	1 1/2-11 1/2	6.00
32-32	2-11 1/2	2-11 1/2	2.50
32-32	2-11 1/2	2-11 1/2	4.00
32-32	2-11 1/2	2-11 1/2	5.00
32-32	2-11 1/2	2-11 1/2	6.00
32-32	2-11 1/2	2-11 1/2	7.50

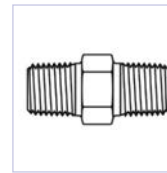
Hex Pipe Nipple

RST-Available in restricted orifice here, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE

Straight

Dash Size	Male Pipe	Male Pipe
02-01	1/8-27	1/16-27
02-02	1/8-27	1/8-27
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
06-02	3/8-18	1/8-27
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-02	1/2-14	1/8-27
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
12-04	3/4-14	1/4-18
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-04	1-11 1/2	1/4-18
16-06	1-11 1/2	3/8-18
16-08	1-11 1/2	1/2-14
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
20-08	1 1/4-11 1/2	1/2-14
20-12	1 1/4-11 1/2	3/4-14
20-16	1 1/4-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-12	1 1/2-11 1/2	3/4-14
24-16	1 1/2-11 1/2	1-11 1/2
24-20	1 1/2-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-20	2-11 1/2	1 1/4-11 1/2
32-24	2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2
40-40	2 1/2-8	2 1/2-8



5404

COMPLIANCE

» SAE 140137

AVAILABILITY

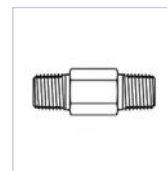
» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

Long Hex Pipe Nipple

SHAPE

Straight

Dash Size	Male Pipe	Male Pipe	Overall Adapter Length (OAL)
02-02	1/8-27	1/8-27	1.50
02-02	1/8-27	1/8-27	2.00
02-02	1/8-27	1/8-27	2.50
02-02	1/8-27	1/8-27	3.00
02-02	1/8-27	1/8-27	3.50
02-02	1/8-27	1/8-27	4.00
04-04	1/4-18	1/4-18	1.50
04-04	1/4-18	1/4-18	2.00
04-04	1/4-18	1/4-18	2.50
04-04	1/4-18	1/4-18	3.00
04-04	1/4-18	1/4-18	4.00
04-04	1/4-18	1/4-18	6.00
04-04	1/4-18	1/4-18	8.00



5404-L

AVAILABILITY

» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

▼ 5404-L continues

Pipe Adapters

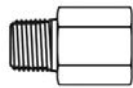
Hydraulic Adapters & Fittings

5404-L

▼ continued

Dash Size	Male Pipe	Male Pipe	Overall Adapter Length (OAL)
06-06	3/8-18	3/8-18	2.00
06-06	3/8-18	3/8-18	2.50
06-06	3/8-18	3/8-18	3.00
06-06	3/8-18	3/8-18	3.50
06-06	3/8-18	3/8-18	4.00
06-06	3/8-18	3/8-18	6.00
06-06	3/8-18	3/8-18	7.00
08-08	1/2-14	1/2-14	2.00
08-08	1/2-14	1/2-14	2.50
08-08	1/2-14	1/2-14	3.00
08-08	1/2-14	1/2-14	3.50
08-08	1/2-14	1/2-14	4.00
08-08	1/2-14	1/2-14	6.00
12-12	3/4-14	3/4-14	3.00
12-12	3/4-14	3/4-14	3.50
12-12	3/4-14	3/4-14	4.00
12-12	3/4-14	3/4-14	6.00
16-16	1-11 1/2	1-11 1/2	3.00
16-16	1-11 1/2	1-11 1/2	4.00
16-16	1-11 1/2	1-11 1/2	4.50
16-16	1-11 1/2	1-11 1/2	6.00
20-20	1 1/4-11 1/2	1 1/4-11 1/2	4.00
20-20	1 1/4-11 1/2	1 1/4-11 1/2	6.00
24-24	1 1/2-11 1/2	1 1/2-11 1/2	4.00
24-24	1 1/2-11 1/2	1 1/2-11 1/2	6.00
32-32	2-11 1/2	2-11 1/2	4.00
32-32	2-11 1/2	2-11 1/2	6.00

5405



Pipe to Pipe Expander

RST-Available in restricted orifice here, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE

Straight

Dash Size	Male Pipe	Female Pipe
01-02	1/16-27	1/8-27
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
02-06	1/8-27	3/8-18
02-08	1/8-27	1/2-14
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
04-08	1/4-18	1/2-14
04-12	1/4-18	3/4-14
04-16	1/4-18	1-11 1/2
04-20	1/4-18	1 1/4-11 1/2
04/28-02	1/4-28	1/8-27
06-06	3/8-18	3/8-18
06-08	3/8-18	1/2-14
06-12	3/8-18	3/4-14
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
08-16	1/2-14	1-11 1/2
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14

Dash Size	Male Pipe	Female Pipe
12-16	3/4-14	1-11 1/2
12-20	3/4-14	1 1/4-11 1/2
16-16	1-11 1/2	1-11 1/2
16-20	1-11 1/2	1 1/4-11 1/2
16-24	1-11 1/2	1 1/2-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
20-24	1 1/4-11 1/2	1 1/2-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
24-32	1 1/2-11 1/2	2-11 1/2
32-32	2-11 1/2	2-11 1/2

5405

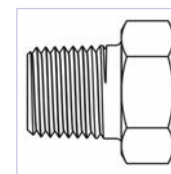
▼ continued

Hex Pipe Reducer Bushing

SHAPE

Straight

Dash Size	Male Pipe	Female Pipe	Overall Adapter Length (OAL)	Length of Hex
02-01	1/8-27	1/16-27	0.68	.31
04-02	1/4-18	1/8-27	0.85	.28
06-02	3/8-18	1/8-27	0.85	.28
06-04	3/8-18	1/4-18	0.85	.28
08-02	1/2-14	1/8-27	1.10	.34
08-04	1/2-14	1/4-18	1.10	.34
08-06	1/2-14	3/8-18	1.10	.34
12-02	3/4-14	1/8-27	1.17	.40
12-04	3/4-14	1/4-18	1.17	.40
12-06	3/4-14	3/8-18	1.17	.40
12-08	3/4-14	1/2-14	1.17	.40
16-02	1-11 1/2	1/8-27	1.36	.41
16-04	1-11 1/2	1/4-18	1.36	.41
16-06	1-11 1/2	3/8-18	1.36	.41
16-08	1-11 1/2	1/2-14	1.36	.41
16-12	1-11 1/2	3/4-14	1.36	.41
20-04	1 1/4-11 1/2	1/4-18	1.47	.48
20-06	1 1/4-11 1/2	3/8-18	1.47	.48
20-08	1 1/4-11 1/2	1/2-14	1.47	.48
20-12	1 1/4-11 1/2	3/4-14	1.47	.48
20-16	1 1/4-11 1/2	1-11 1/2	1.47	.48
24-04	1 1/2-11 1/2	1/4-18	1.57	.58
24-06	1 1/2-11 1/2	3/8-18	1.57	.58
24-08	1 1/2-11 1/2	1/2-14	1.57	.58
24-12	1 1/2-11 1/2	3/4-14	1.57	.58
24-16	1 1/2-11 1/2	1-11 1/2	1.57	.58
24-20	1 1/2-11 1/2	1 1/4-11 1/2	1.57	.58
32-06	2-11 1/2	3/8-18	1.75	.67
32-08	2-11 1/2	1/2-14	1.75	.67
32-12	2-11 1/2	3/4-14	1.75	.67
32-16	2-11 1/2	1-11 1/2	1.75	.67
32-20	2-11 1/2	1 1/4-11 1/2	1.75	.67
32-24	2-11 1/2	1 1/2-11 1/2	0.63	1.75
32-24	2-11 1/2	1 1/2-11 1/2	1.75	.67
40-32	2 1/2-8	2-11 1/2	2.37	.97
48-24	3-8	1 1/2-11 1/2	2.83	1.27
48-32	3-8	2-11 1/2	2.83	1.27

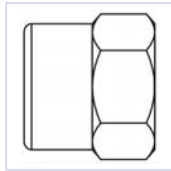
**5406**

COMPLIANCE

- » Hydraulic Pipe
- » SAE 140140

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

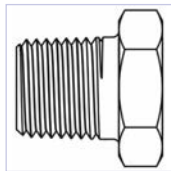
5406-CAP**Pipe Cap****SHAPE**

Cap

Dash Size	Female Pipe
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14
12	3/4-14
16	1-11 1/2
20	1 1/4-11 1/2
24	1 1/2-11 1/2

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

5406-E**Short Hex Pipe Reducer Bushing**

Automotive Pipe.

SHAPE

Straight

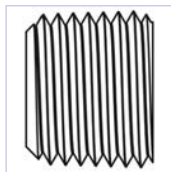
Dash Size	Male Pipe	Female Pipe	Overall Adapter Length (OAL)	Length of Hex
04-02	1/4-18	1/8-27	0.63	.15
06-02	3/8-18	1/8-27	0.66	.16
06-04	3/8-18	1/4-18	0.66	.16
08-02	1/2-14	1/8-27	0.70	.19
08-04	1/2-14	1/4-18	0.70	.19
08-06	1/2-14	3/8-18	0.70	.19
12-02	3/4-14	1/8-27	0.94	.22
12-04	3/4-14	1/4-18	0.94	.22
12-06	3/4-14	3/8-18	0.94	.22
12-08	3/4-14	1/2-14	0.94	.22
16-02	1-11 1/2	1/8-27	1.00	.25
16-04	1-11 1/2	1/4-18	1.00	.25
16-06	1-11 1/2	3/8-18	1.00	.25
16-08	1-11 1/2	1/2-14	1.00	.25
16-12	1-11 1/2	3/4-14	1.00	.25
20-02	1 1/4-11 1/2	1/8-27	1.17	.28
20-04	1 1/4-11 1/2	1/4-18	1.17	.28
20-06	1 1/4-11 1/2	3/8-18	1.17	.28
20-08	1 1/4-11 1/2	1/2-14	1.17	.28
20-12	1 1/4-11 1/2	3/4-14	1.17	.28
20-16	1 1/4-11 1/2	1-11 1/2	1.17	.28

AVAILABILITY

- » Steel

COMPLIANCE

- » Automotive Pipe

5406-FLP**Flush Hollow Hex Pipe Plug 7/8 Taper****SHAPE**

Plug

Dash Size	Male Pipe
01	1/16-27
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14
12	3/4-14
16	1-11 1/2
20	1 1/4-11 1/2

AVAILABILITY

- » Steel

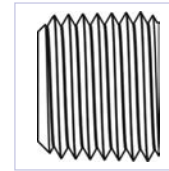
Hollow Hex Pipe Plug

Also available in aluminum (-AL) and magnetic (-MAG) styles. Available in HSP (Square Socket Plug) also, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE

Plug

Dash Size	Male Pipe
01	1/16-27
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14
12	3/4-14
16	1-11 1/2
20	1 1/4-11 1/2
24	1 1/2-11 1/2
32	2-11 1/2



COMPLIANCE

» SAE 130109

AVAILABILITY

» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

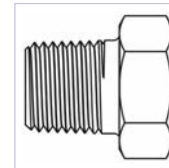
5406-HHP

Hex Head Pipe Plug

SHAPE

Plug

Dash Size	Male Pipe
01	1/16-27
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14
12	3/4-14
16	1-11 1/2
20	1 1/4-11 1/2
24	1 1/2-11 1/2
32	2-11 1/2
40	2 1/2-8



COMPLIANCE

» SAE 130109E

AVAILABILITY

» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

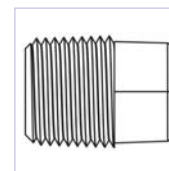
5406-P

Square Head Pipe Plug

SHAPE

Plug

Dash Size	Male Pipe
01	1/16-27
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14
12	3/4-14
16	1-11 1/2
20	1 1/4-11 1/2
24	1 1/2-11 1/2
32	2-11 1/2



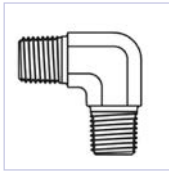
COMPLIANCE

» SAE 130109A

AVAILABILITY

» Steel
 » Stainless Steel

5406-SHP

5500**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

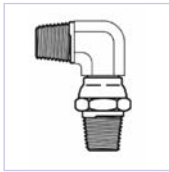
COMPLIANCE

- » SAE 140237

Pipe Elbow 90°**SHAPE**

90 degree elbow

Dash Size	Male Pipe	Male Pipe
02-02	1/8-27	1/8-27
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
06-02	3/8-18	1/8-27
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-08	1-11 1/2	1/2-14
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
20-16	1 1/4-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

5500-S**AVAILABILITY**

- » Import Steel
- » Steel

Pipe Swivel Elbow 90°

Swivel for installation only. May leak at low or residual system pressure. Not intended for use exceeding 212 degrees F.

SHAPE

90 degree elbow

Dash Size	Male Pipe	Male Pipe Swivel
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14

5501**AVAILABILITY**

- » Import Steel
- » Steel
- » Stainless Steel

Pipe Elbow 45°**SHAPE**

45 degree elbow

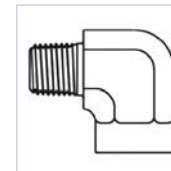
Dash Size	Male Pipe	Male Pipe
02-02	1/8-27	1/8-27
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2

Street Elbow Pipe 90°

SHAPE

90 degree elbow

Dash Size	Male Pipe	Female Pipe
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
04-08	1/4-18	1/2-14
04/28-02	1/4-28	1/8-27
06-02	3/8-18	1/8-27
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
06-08	3/8-18	1/2-14
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11 1/2
16-08	1-11 1/2	1/2-14
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
16-20	1-11 1/2	1 1/4-11 1/2
20-16	1 1/4-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
20-24	1 1/4-11 1/2	1 1/2-11 1/2
24-20	1 1/2-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2



COMPLIANCE

» SAE 140239

5502

AVAILABILITY

» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

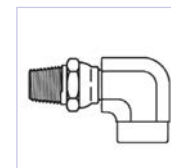
Street Elbow Pipe Swivel 90°

Swivel for installation only. May leak at low or residual system pressure. Not intended for use exceeding 212 degrees F.

SHAPE

90 degree elbow

Dash Size	Male Pipe Swivel	Female Pipe
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14



5502-S

AVAILABILITY

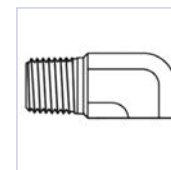
» Import Steel
 » Steel

Short Body Street Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male Pipe	Female Pipe
02-02	1/8-27	1/8-27
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14



5502-X

AVAILABILITY

» Import Steel
 » Steel

5503**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

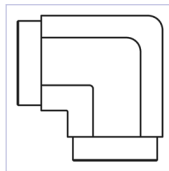
COMPLIANCE

- » SAE 140339

Street Pipe Elbow 45°**SHAPE**

45 degree elbow

Dash Size	Male Pipe	Female Pipe
02-02	1/8-27	1/8-27
04-04	1/4-18	1/4-18
04/28-02	1/4-28	1/8-27
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

5504**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

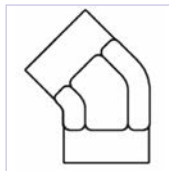
COMPLIANCE

- » SAE 140238

Pipe Elbow 90°**SHAPE**

90 degree elbow

Dash Size	Female Pipe	Female Pipe
02-02	1/8-27	1/8-27
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

5505**AVAILABILITY**

- » Import Steel
- » Steel
- » Stainless Steel

COMPLIANCE

- » SAE 140338

Pipe Elbow 45°**SHAPE**

45 degree elbow

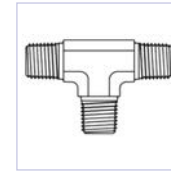
Dash Size	Female Pipe	Female Pipe
02-02	1/8-27	1/8-27
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

Pipe Tee

SHAPE

Tee

Dash Size	Male Pipe	Male Pipe	Male Pipe
02-02-02	1/8-27	1/8-27	1/8-27
04-04-04	1/4-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14
16-16-16	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2



5600

COMPLIANCE

» SAE 140437

AVAILABILITY

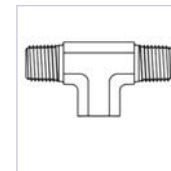
» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

Pipe Branch Tee

SHAPE

Tee

Dash Size	Male Pipe	Male Pipe	Female Pipe
02-02-02	1/8-27	1/8-27	1/8-27
04-04-04	1/4-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14
16-16-16	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2



5601

COMPLIANCE

» SAE 140427

AVAILABILITY

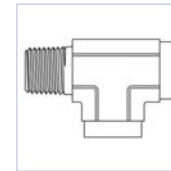
» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

Run Pipe Tee

SHAPE

Tee

Dash Size	Male Pipe	Female Pipe	Female Pipe
02-02-02	1/8-27	1/8-27	1/8-27
02-04-04	1/8-27	1/4-18	1/4-18
04-04-04	1/4-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14
16-16-16	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2
32-32-32	2-11 1/2	2-11 1/2	2-11 1/2



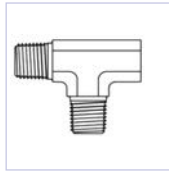
5602

COMPLIANCE

» SAE 140424

AVAILABILITY

» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

5603**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

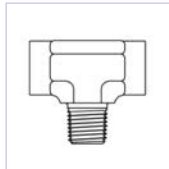
COMPLIANCE

- » SAE 140426

Run Pipe Tee**SHAPE**

Tee

Dash Size	Male Pipe	Female Pipe	Male Pipe
02-02-02	1/8-27	1/8-27	1/8-27
04-04-04	1/4-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14
16-16-16	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2
32-32-32	2-11 1/2	2-11 1/2	2-11 1/2

5604**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

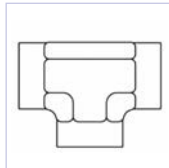
COMPLIANCE

- » SAE 140425

Branch Pipe Tee**SHAPE**

Tee

Dash Size	Female Pipe	Female Pipe	Male Pipe
02-02-02	1/8-27	1/8-27	1/8-27
04-04-04	1/4-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14
16-16-16	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2
32-32-32	2-11 1/2	2-11 1/2	2-11 1/2

5605**AVAILABILITY**

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » SAE 140438

Pipe Tee**SHAPE**

Tee

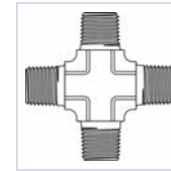
Dash Size	Female Pipe	Female Pipe	Female Pipe
02-02-02	1/8-27	1/8-27	1/8-27
04-04-04	1/4-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-12-08	3/4-14	3/4-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14
16-16-16	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2
32-32-32	2-11 1/2	2-11 1/2	2-11 1/2

Pipe Cross

SHAPE

Cross

Dash Size	Male Pipe	Male Pipe	Male Pipe	Male Pipe
04-04-04-04	1/4-18	1/4-18	1/4-18	1/4-18
12-12-12-12	3/4-14	3/4-14	3/4-14	3/4-14



5650

AVAILABILITY

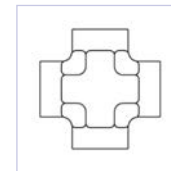
- » Import Steel
- » Steel

Pipe Cross

SHAPE

Cross

Dash Size	Female Pipe	Female Pipe	Female Pipe	Female Pipe
02-02-02-02	1/8-27	1/8-27	1/8-27	1/8-27
04-04-04-04	1/4-18	1/4-18	1/4-18	1/4-18
06-06-06-06	3/8-18	3/8-18	3/8-18	3/8-18
08-08-08-08	1/2-14	1/2-14	1/2-14	1/2-14
12-12-12-12	3/4-14	3/4-14	3/4-14	3/4-14
16-16-16-16	1-11 1/2	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24-24	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2
32-32-32-32	2-11 1/2	2-11 1/2	2-11 1/2	2-11 1/2



5652

COMPLIANCE

- » SAE 140538

AVAILABILITY

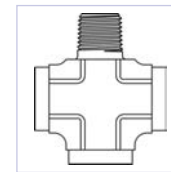
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

Pipe Cross

SHAPE

Cross

Dash Size	Male Pipe	Female Pipe	Female Pipe	Female Pipe
04-04-04-04	1/4-18	1/4-18	1/4-18	1/4-18
06-06-06-06	3/8-18	3/8-18	3/8-18	3/8-18
08-08-08-08	1/2-14	1/2-14	1/2-14	1/2-14
12-12-12-12	3/4-14	3/4-14	3/4-14	3/4-14



5655

AVAILABILITY

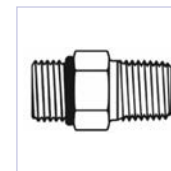
- » Import Steel
- » Steel

O-Ring to Pipe

SHAPE

Straight

Dash Size	Male O-Ring	Male Pipe
03-02	3/8-24	1/8-27
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-18



6401

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

▼ 6401 continues

Pipe Adapters

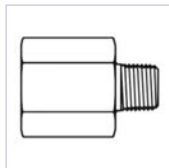
Hydraulic Adapters & Fittings

6401

▼ continued

Dash Size	Male O-Ring	Male Pipe
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
16-20	1 5/16-12	1 1/4-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-16	1 7/8-12	1-11 1/2
24-20	1 7/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

6404



O-Ring to Pipe

SHAPE

Straight

Dash Size	Female O-Ring	Male Pipe
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
08-16	3/4-16	1-11 1/2
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
14-12	1 3/16-12	3/4-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

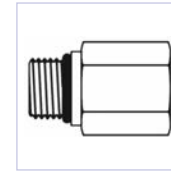
AVAILABILITY

- » Import Steel
- » Steel
- » Stainless Steel

O-Ring to Pipe

SHAPE

Straight

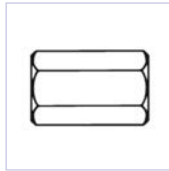


6405

AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

Dash Size	Male O-Ring	Female Pipe
02-02	5/16-24	1/8-27
02-04	5/16-24	1/4-18
03-02	3/8-24	1/8-27
03-04	3/8-24	1/4-18
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-02	9/16-18	1/8-27
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
06-12	9/16-18	3/4-14
08-02	3/4-16	1/8-27
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-02	7/8-14	1/8-27
10-04	7/8-14	1/4-18
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-04	1 1/16-12	1/4-18
12-06	1 1/16-12	3/8-18
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
12-20	1 1/16-12	1 1/4-11 1/2
12-24	1 1/16-12	1 1/2-11 1/2
14-08	1 3/16-12	1/2-14
14-12	1 3/16-12	3/4-14
14-16	1 3/16-12	1-11 1/2
16-04	1 5/16-12	1/4-18
16-06	1 5/16-12	3/8-18
16-08	1 5/16-12	1/2-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
16-20	1 5/16-12	1 1/4-11 1/2
20-08	1 5/8-12	1/2-14
20-12	1 5/8-12	3/4-14
20-16	1 5/8-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
20-24	1 5/8-12	1 1/2-11 1/2
24-12	1 7/8-12	3/4-14
24-16	1 7/8-12	1-11 1/2
24-20	1 7/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-20	2 1/2-12	1 1/4-11 1/2
32-24	2 1/2-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

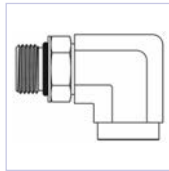
6420**AVAILABILITY**

» Steel

O-Ring to Pipe**SHAPE**

Straight

Dash Size	Female O-Ring	Female Pipe
06-06	9/16-18	3/8-18
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2

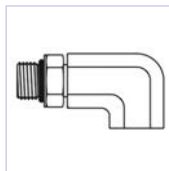
6805**AVAILABILITY**

» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

O-Ring to Pipe Elbow 90°**SHAPE**

90 degree elbow

Dash Size	Male O-Ring	Female Pipe
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
05-02	1/2-20	1/8-27
06-02	9/16-18	1/8-27
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
14-12	1 3/16-12	3/4-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

6805-L**AVAILABILITY**

» Import Steel
 » Steel

O-Ring to Pipe Elbow 90° - Long

Drop Length = Middle of Female Pipe to End of Male O-Ring Threads.

SHAPE

90 degree elbow

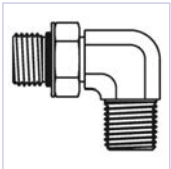
Dash Size	Male O-Ring	Female Pipe	Drop Length
08-06	3/4-16	3/8-18	2.94
08-08	3/4-16	1/2-14	3.56
10-08	7/8-14	1/2-14	3.56
12-12	1 1/16-12	3/4-14	4.13
16-16	1 5/16-12	1-11 1/2	4.63

O-Ring to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male O-Ring	Male Pipe
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
05-02	1/2-20	1/8-27
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
14-12	1 3/16-12	3/4-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2



6806

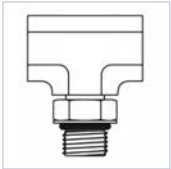
- AVAILABILITY
- » Import Steel
 - » Steel

Pipe to O-Ring Branch Tee

SHAPE

Tee

Dash Size	Female Pipe	Female Pipe	Male O-Ring
04-04-06	1/4-18	1/4-18	9/16-18
06-06-04	3/8-18	3/8-18	7/16-20
06-06-06	3/8-18	3/8-18	9/16-18
06-08-08	3/8-18	1/2-14	3/4-16

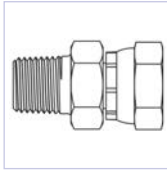


6855

- AVAILABILITY
- » Steel

Pipe Swivel Adapters

1404



AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » SAE 140130

Pipe to Pipe Swivel

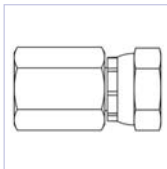
RST - Available in restricted orifice, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE

Straight

Dash Size	Male Pipe	Female Pipe Swivel
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
04-08	1/4-18	1/2-14
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
06-08	3/8-18	1/2-14
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11 1/2
16-06	1-11 1/2	3/8-18
16-08	1-11 1/2	1/2-14
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
16-20	1-11 1/2	1 1/4-11 1/2
16-24	1-11 1/2	1 1/2-11 1/2
20-16	1 1/4-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
20-24	1 1/4-11 1/2	1 1/2-11 1/2
24-20	1 1/2-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2
48-48	3-8	3-8

1405



AVAILABILITY

- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

COMPLIANCE

- » SAE 140131

Pipe to Pipe Swivel

SHAPE

Straight

Dash Size	Female Pipe	Female Pipe Swivel
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
04-08	1/4-18	1/2-14
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
06-08	3/8-18	1/2-14

Dash Size	Female Pipe	Female Pipe Swivel
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11 1/2
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

1405

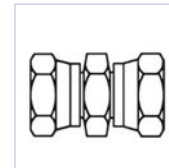
▼ continued

Pipe Dual Swivel Union

SHAPE

Straight

Dash Size	Female Pipe Swivel	Female Pipe Swivel
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2

**1406**

AVAILABILITY

- » Import Steel
- » Steel

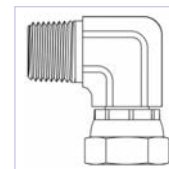
Pipe to Pipe Swivel Elbow 90°

RST - Available in restricted orifice, contact a Customer Service Representative at (800) 255-1008 for availability.

SHAPE

90 degree elbow

Dash Size	Male Pipe	Female Pipe Swivel
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
04-08	1/4-18	1/2-14
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
06-08	3/8-18	1/2-14
06-12	3/8-18	3/4-14
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
12-04	3/4-14	1/4-18
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11 1/2
12-20	3/4-14	1 1/4-11 1/2
16-08	1-11 1/2	1/2-14

**1501**

COMPLIANCE

- » SAE 140230

AVAILABILITY

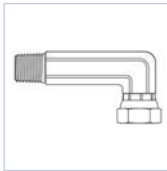
- » Import Steel
- » Steel
- » Import Stainless Steel
- » Stainless Steel

▼ 1501 continues

1501

▼ continued

Dash Size	Male Pipe	Female Pipe Swivel
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
16-20	1-11 1/2	1 1/4-11 1/2
20-12	1 1/4-11 1/2	3/4-14
20-16	1 1/4-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
20-24	1 1/4-11 1/2	1 1/2-11 1/2
24-20	1 1/2-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

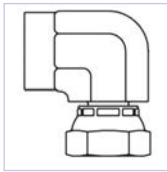
1501-LL**Pipe to Pipe Swivel Elbow 90° - Extra Long**

Drop Length = Middle of NPSM to End of Male Pipe Threads.

SHAPE

90 degree elbow

Dash Size	Male Pipe	Female Pipe Swivel	Drop Length
02-02	1/8-27	1/8-27	1.64
04-04	1/4-18	1/4-18	2.25
06-06	3/8-18	3/8-18	2.76
08-08	1/2-14	1/2-14	3.19
12-12	3/4-14	3/4-14	3.66
16-16	1-11 1/2	1-11 1/2	4.33

1502**Pipe to Pipe Swivel Elbow 90°****SHAPE**

90 degree elbow

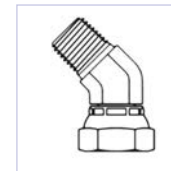
Dash Size	Female Pipe	Female Pipe Swivel
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
06-08	3/8-18	1/2-14
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11 1/2
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

Pipe to Pipe Swivel Elbow 45°

SHAPE

45 degree elbow

Dash Size	Male Pipe	Female Pipe Swivel
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
06-08	3/8-18	1/2-14
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11 1/2
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
16-20	1-11 1/2	1 1/4-11 1/2
20-16	1 1/4-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2



1503

COMPLIANCE

» SAE 140330

AVAILABILITY

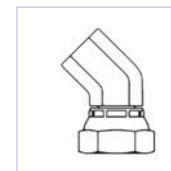
» Import Steel
 » Steel
 » Import Stainless Steel
 » Stainless Steel

Pipe to Pipe Swivel Elbow 45°

SHAPE

45 degree elbow

Dash Size	Female Pipe	Female Pipe Swivel
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2



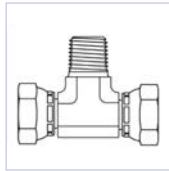
1504

COMPLIANCE

» SAE 140331

AVAILABILITY

» Import Steel
 » Steel
 » Import Stainless Steel

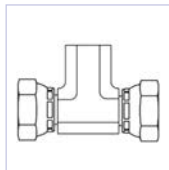
1601**AVAILABILITY**

- » Import Steel
- » Steel

Pipe Swivel Branch Tee**SHAPE**

Tee

Dash Size	Male Pipe	Female Pipe Swivel	Female Pipe Swivel
02-02-02	1/8-27	1/8-27	1/8-27
04-04-04	1/4-18	1/4-18	1/4-18
04-06-06	1/4-18	3/8-18	3/8-18
06-04-04	3/8-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
06-08-08	3/8-18	1/2-14	1/2-14
08-04-04	1/2-14	1/4-18	1/4-18
08-06-06	1/2-14	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-08-08	3/4-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14
12-16-16	3/4-14	1-11 1/2	1-11 1/2
16-12-12	1-11 1/2	3/4-14	3/4-14
16-16-16	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2

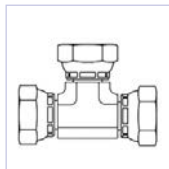
1602**AVAILABILITY**

- » Import Steel
- » Steel

Pipe Swivel Branch Tee**SHAPE**

Tee

Dash Size	Female Pipe	Female Pipe Swivel	Female Pipe Swivel
02-02-02	1/8-27	1/8-27	1/8-27
04-04-04	1/4-18	1/4-18	1/4-18
06-04-04	3/8-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
06-08-08	3/8-18	1/2-14	1/2-14
08-06-06	1/2-14	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-08-08	3/4-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14
16-12-12	1-11 1/2	3/4-14	3/4-14
16-16-16	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2
24-24-24	1 1/2-11 1/2	1 1/2-11 1/2	1 1/2-11 1/2

1603**AVAILABILITY**

- » Import Steel
- » Steel

Pipe Swivel Union Tee**SHAPE**

Tee

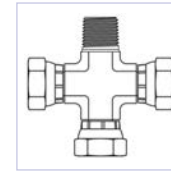
Dash Size	Female Pipe Swivel	Female Pipe Swivel	Female Pipe Swivel
02-02-02	1/8-27	1/8-27	1/8-27
04-04-04	1/4-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14
16-16-16	1-11 1/2	1-11 1/2	1-11 1/2
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2

Pipe Swivel Cross

SHAPE

Cross

Dash Size	Male Pipe	Female Pipe Swivel	Female Pipe Swivel	Female Pipe Swivel
04-04-04-04	1/4-18	1/4-18	1/4-18	1/4-18
06-06-06-06	3/8-18	3/8-18	3/8-18	3/8-18
08-08-08-08	1/2-14	1/2-14	1/2-14	1/2-14



1604

AVAILABILITY

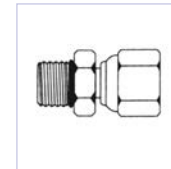
» Steel

O-Ring to Pipe Swivel

SHAPE

Straight

Dash Size	Male O-Ring	Female Pipe Swivel
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
04-08	7/16-20	1/2-14
05-04	1/2-20	1/4-18
05-06	1/2-20	3/8-18
05-08	1/2-20	1/2-14
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-04	7/8-14	1/4-18
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-06	1 1/16-12	3/8-18
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
14-12	1 3/16-12	3/4-14
14-16	1 3/16-12	1-11 1/2
16-08	1 5/16-12	1/2-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
16-20	1 5/16-12	1 1/4-11 1/2
20-12	1 5/8-12	3/4-14
20-16	1 5/8-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-20	1 7/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2



6900

COMPLIANCE

» SAE 140157

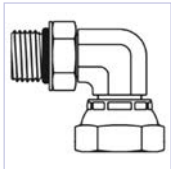
AVAILABILITY

» Import Steel

» Steel

» Stainless Steel

6901



AVAILABILITY

- » Import Steel
- » Steel

COMPLIANCE

- » SAE 140257

O-Ring to Pipe Swivel Elbow 90°

SHAPE

90 degree elbow

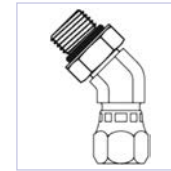
Dash Size	Male O-Ring	Female Pipe Swivel
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-06	1 1/16-12	3/8-18
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
14-12	1 3/16-12	3/4-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
16-20	1 5/16-12	1 1/4-11 1/2
20-12	1 5/8-12	3/4-14
20-16	1 5/8-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

O-Ring to Pipe Swivel Elbow 45°

SHAPE

45 degree elbow

Dash Size	Male O-Ring	Female Pipe Swivel
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11 1/2
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
16-20	1 5/16-12	1 1/4-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2



COMPLIANCE

» SAE 140357

6902

AVAILABILITY

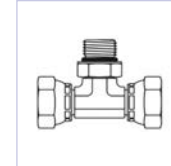
» Import Steel
» Steel

O-Ring to Pipe Swivel Branch Tee

SHAPE

Tee

Dash Size	Male O-Ring	Female Pipe Swivel	Female Pipe Swivel
04-04-04	7/16-20	1/4-18	1/4-18
06-06-06	9/16-18	3/8-18	3/8-18
08-04-04	3/4-16	1/4-18	1/4-18
08-06-06	3/4-16	3/8-18	3/8-18
08-08-08	3/4-16	1/2-14	1/2-14
12-12-12	1 1/16-12	3/4-14	3/4-14



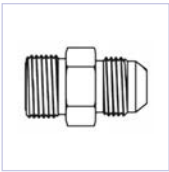
6911

AVAILABILITY

» Import Steel
» Steel

O-Ring Face Seal Adapters

FF2402

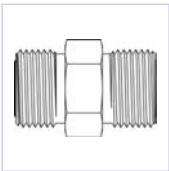


AVAILABILITY
» Import Steel
» Steel

ORFS to JIC

SHAPE			Straight	
Dash Size	Male O-Ring Face Seal	Male JIC		
04-04	9/16-18	7/16-20		
06-06	11/16-16	9/16-18		
08-08	13/16-16	3/4-16		
10-10	1-14	7/8-14		
12-12	1 3/16-12	1 1/16-12		
16-16	1 7/16-12	1 5/16-12		
20-20	1 11/16-12	1 5/8-12		
24-24	2-12	1 7/8-12		

FF2403



AVAILABILITY
» Import Steel
» Steel
» Import Stainless Steel

COMPLIANCE
» SAE 520101

ORFS Union

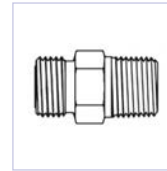
SHAPE			Straight	
Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal		
04-04	9/16-18	9/16-18		
06-04	11/16-16	9/16-18		
06-06	11/16-16	11/16-16		
08-06	13/16-16	11/16-16		
08-08	13/16-16	13/16-16		
10-08	1-14	13/16-16		
10-10	1-14	1-14		
12-08	1 3/16-12	13/16-16		
12-10	1 3/16-12	1-14		
12-12	1 3/16-12	1 3/16-12		
16-12	1 7/16-12	1 3/16-12		
16-16	1 7/16-12	1 7/16-12		
20-16	1 11/16-12	1 7/16-12		
20-20	1 11/16-12	1 11/16-12		
24-20	2-12	1 11/16-12		
24-24	2-12	2-12		

ORFS to Pipe

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Male Pipe
04-02	9/16-18	1/8-27
04-04	9/16-18	1/4-18
04-06	9/16-18	3/8-18
04-08	9/16-18	1/2-14
06-02	11/16-16	1/8-27
06-04	11/16-16	1/4-18
06-06	11/16-16	3/8-18
06-08	11/16-16	1/2-14
08-04	13/16-16	1/4-18
08-06	13/16-16	3/8-18
08-08	13/16-16	1/2-14
08-12	13/16-16	3/4-14
08-16	13/16-16	1-11 1/2
10-08	1-14	1/2-14
10-12	1-14	3/4-14
10-16	1-14	1-11 1/2
12-08	1 3/16-12	1/2-14
12-12	1 3/16-12	3/4-14
12-16	1 3/16-12	1-11 1/2
16-12	1 7/16-12	3/4-14
16-16	1 7/16-12	1-11 1/2
16-20	1 7/16-12	1 1/4-11 1/2
16-24	1 7/16-12	1 1/2-11 1/2
20-16	1 11/16-12	1-11 1/2
20-20	1 11/16-12	1 1/4-11 1/2
20-24	1 11/16-12	1 1/2-11 1/2
24-20	2-12	1 1/4-11 1/2
24-24	2-12	1 1/2-11 1/2



COMPLIANCE

» SAE 520102

FF2404

AVAILABILITY

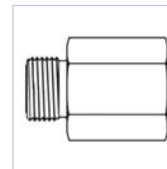
» Import Steel
 » Steel
 » Import Stainless Steel

ORFS to Pipe

SHAPE

Straight

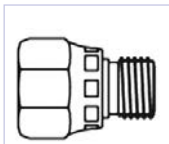
Dash Size	Male O-Ring Face Seal	Female Pipe
04-04	9/16-18	1/4-18
04-08	9/16-18	1/2-14
06-04	11/16-16	1/4-18
06-06	11/16-16	3/8-18
06-08	11/16-16	1/2-14
08-06	13/16-16	3/8-18
08-08	13/16-16	1/2-14
08-12	13/16-16	3/4-14
10-08	1-14	1/2-14
12-12	1 3/16-12	3/4-14
12-16	1 3/16-12	1-11 1/2
16-16	1 7/16-12	1-11 1/2
16-20	1 7/16-12	1 1/4-11 1/2
20-20	1 11/16-12	1 1/4-11 1/2
24-24	2-12	1 1/2-11 1/2



FF2405

AVAILABILITY

» Import Steel
 » Steel

FF2406**AVAILABILITY**

- » Import Steel
- » Steel

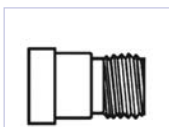
ORFS Swivel to ORFS Reducer

Can also use FF2407 (Face Seal Reducer) and FF0318 (Flat Face Nut) combination.

SHAPE

Straight

Dash Size	Female O-Ring Face Seal Swivel	Male O-Ring Face Seal
06-04	11/16-16	9/16-18
08-04	13/16-16	9/16-18
08-06	13/16-16	11/16-16
08-08	13/16-16	13/16-16
10-04	1-14	9/16-18
10-06	1-14	11/16-16
10-08	1-14	13/16-16
12-04	1 3/16-12	9/16-18
12-06	1 3/16-12	11/16-16
12-08	1 3/16-12	13/16-16
12-10	1 3/16-12	1-14
12-16	1 3/16-12	1 7/16-12
16-04	1 7/16-12	9/16-18
16-06	1 7/16-12	11/16-16
16-08	1 7/16-12	13/16-16
16-10	1 7/16-12	1-14
16-12	1 7/16-12	1 3/16-12
16-20	1 7/16-12	1 11/16-12
20-04	1 11/16-12	9/16-18
20-06	1 11/16-12	11/16-16
20-08	1 11/16-12	13/16-16
20-12	1 11/16-12	1 3/16-12
20-16	1 11/16-12	1 7/16-12
20-24	1 11/16-12	2-12
24-12	2-12	1 3/16-12
24-16	2-12	1 7/16-12
24-20	2-12	1 11/16-12

FF2407**AVAILABILITY**

- » Steel

ORFS to ORFS Reducer

Requires item FF0318 Flat Face Nut for assembly.

SHAPE

Straight

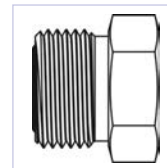
Dash Size	Female O-Ring Face Seal	Male O-Ring Face Seal
08-04	13/16-16	9/16-18
08-06	13/16-16	11/16-16
10-04	1-14	9/16-18
10-06	1-14	11/16-16
10-08	1-14	13/16-16
12-04	1 3/16-12	9/16-18
12-06	1 3/16-12	11/16-16
12-08	1 3/16-12	13/16-16
16-04	1 7/16-12	9/16-18
16-06	1 7/16-12	11/16-16
16-08	1 7/16-12	13/16-16
16-10	1 7/16-12	1-14
20-04	1 11/16-12	9/16-18
20-06	1 11/16-12	11/16-16
20-08	1 11/16-12	13/16-16
24-16	2-12	1 7/16-12

ORFS Plug

SHAPE

Plug

Dash Size	Male O-Ring Face Seal
04	9/16-18
06	11/16-16
08	13/16-16
10	1-14
12	1 3/16-12
16	1 7/16-12
20	1 11/16-12
24	2-12



FF2408

COMPLIANCE

» SAE 520109

AVAILABILITY

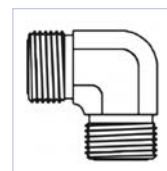
 » Import Steel
 » Steel

ORFS Union Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal
04-04	9/16-18	9/16-18
06-04	11/16-16	9/16-18
06-06	11/16-16	11/16-16
08-08	13/16-16	13/16-16
10-10	1-14	1-14
12-08	1 3/16-12	13/16-16
12-12	1 3/16-12	1 3/16-12
16-12	1 7/16-12	1 3/16-12
16-16	1 7/16-12	1 7/16-12
20-16	1 11/16-12	1 7/16-12
20-20	1 11/16-12	1 11/16-12
24-24	2-12	2-12



FF2500

COMPLIANCE

» SAE 520201

AVAILABILITY

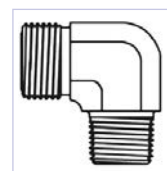
 » Import Steel
 » Import Stainless Steel

ORFS to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Male Pipe
04-02	9/16-18	1/8-27
04-04	9/16-18	1/4-18
04-06	9/16-18	3/8-18
04-08	9/16-18	1/2-14
06-04	11/16-16	1/4-18
06-06	11/16-16	3/8-18
06-08	11/16-16	1/2-14
08-04	13/16-16	1/4-18
08-06	13/16-16	3/8-18
08-08	13/16-16	1/2-14
08-12	13/16-16	3/4-14
10-08	1-14	1/2-14
10-12	1-14	3/4-14
10-16	1-14	1-11 1/2
12-08	1 3/16-12	1/2-14
12-12	1 3/16-12	3/4-14
12-16	1 3/16-12	1-11 1/2
16-12	1 7/16-12	3/4-14



FF2501

COMPLIANCE

» SAE 520202

AVAILABILITY

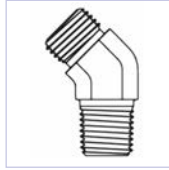
 » Import Steel
 » Import Stainless Steel

▼ FF2501 continues

FF2501

▼ continued

Dash Size	Male O-Ring Face Seal	Male Pipe
16-16	1 7/16-12	1-11 1/2
20-16	1 11/16-12	1-11 1/2
20-20	1 11/16-12	1 1/4-11 1/2
24-24	2-12	1 1/2-11 1/2

FF2503**ORFS to Pipe Elbow 45°**

SHAPE

45 degree elbow

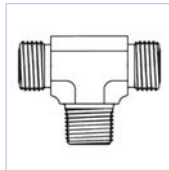
Dash Size	Male O-Ring Face Seal	Male Pipe
04-02	9/16-18	1/8-27
04-04	9/16-18	1/4-18
06-04	11/16-16	1/4-18
06-06	11/16-16	3/8-18
08-06	13/16-16	3/8-18
08-08	13/16-16	1/2-14
10-08	1-14	1/2-14
12-12	1 3/16-12	3/4-14
16-12	1 7/16-12	3/4-14
16-16	1 7/16-12	1-11 1/2
20-16	1 11/16-12	1-11 1/2
20-20	1 11/16-12	1 1/4-11 1/2
24-24	2-12	1 1/2-11 1/2

AVAILABILITY

» Import Steel

COMPLIANCE

» SAE 520302

FF2601**ORFS to Pipe Branch Tee**

SHAPE

Tee

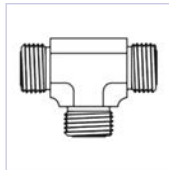
Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal	Male Pipe
04-04-04	9/16-18	9/16-18	1/4-18
06-06-04	11/16-16	11/16-16	1/4-18
06-06-06	11/16-16	11/16-16	3/8-18
08-08-06	13/16-16	13/16-16	3/8-18
08-08-08	13/16-16	13/16-16	1/2-14
10-10-08	1-14	1-14	1/2-14
12-12-12	1 3/16-12	1 3/16-12	3/4-14
16-16-16	1 7/16-12	1 7/16-12	1-11 1/2
20-20-20	1 11/16-12	1 11/16-12	1 1/4-11 1/2

AVAILABILITY

» Import Steel

COMPLIANCE

» SAE 520425

FF2603**ORFS Union Tee**

SHAPE

Tee

Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal	Male O-Ring Face Seal
04-04-04	9/16-18	9/16-18	9/16-18
06-05-08	11/16-16	05	13/16-16
06-06-06	11/16-16	11/16-16	11/16-16
08-08-08	13/16-16	13/16-16	13/16-16
10-10-10	1-14	1-14	1-14
12-12-12	1 3/16-12	1 3/16-12	1 3/16-12
16-16-16	1 7/16-12	1 7/16-12	1 7/16-12
20-20-20	1 11/16-12	1 11/16-12	1 11/16-12
24-24-24	2-12	2-12	2-12

AVAILABILITY

» Import Steel

COMPLIANCE

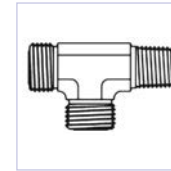
» SAE 520401

ORFS to Pipe Run Tee

SHAPE

Tee

Dash Size	Male O-Ring Face Seal	Male Pipe	Male O-Ring Face Seal
04-04-04	9/16-18	1/4-18	9/16-18
06-04-06	11/16-16	1/4-18	11/16-16
06-06-06	11/16-16	3/8-18	11/16-16
08-08-08	13/16-16	1/2-14	13/16-16



FF2605

COMPLIANCE

» SAE 520424

AVAILABILITY

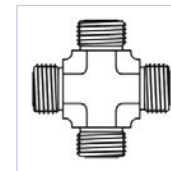
» Import Steel

ORFS Union Cross

SHAPE

Cross

Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal	Male O-Ring Face Seal	Male O-Ring Face Seal
04-04-04-04	9/16-18	9/16-18	9/16-18	9/16-18
06-06-06-06	11/16-16	11/16-16	11/16-16	11/16-16
08-08-08-08	13/16-16	13/16-16	13/16-16	13/16-16
10-10-10-10	1-14	1-14	1-14	1-14
12-12-12-12	1 3/16-12	1 3/16-12	1 3/16-12	1 3/16-12
16-16-16-16	1 7/16-12	1 7/16-12	1 7/16-12	1 7/16-12
20-20-20-20	1 11/16-12	1 11/16-12	1 11/16-12	1 11/16-12
24-24-24-24	2-12	2-12	2-12	2-12



FF2650

COMPLIANCE

» SAE 520501

AVAILABILITY

» Import Steel

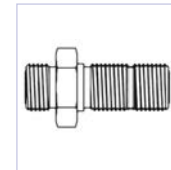
ORFS Bulkhead Union

To include locknut with bulkhead fitting add "LN" after base part number. Example FF2700-LN-04-04.

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal
04-04	9/16-18	9/16-18
06-06	11/16-16	11/16-16
08-08	13/16-16	13/16-16
10-10	1-14	1-14
12-12	1 3/16-12	1 3/16-12
16-16	1 7/16-12	1 7/16-12
20-20	1 11/16-12	1 11/16-12
24-24	2-12	2-12



FF2700

COMPLIANCE

» SAE 520601

AVAILABILITY

» Import Steel
» Steel

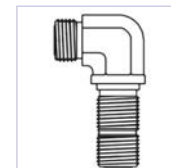
ORFS Bulkhead Union 90°

To include locknut with bulkhead fitting add "LN" after base part number. Example FF2701-LN-04-04.

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal
04-04	9/16-18	9/16-18
06-06	11/16-16	11/16-16
08-08	13/16-16	13/16-16
10-10	1-14	1-14
12-12	1 3/16-12	1 3/16-12
16-16	1 7/16-12	1 7/16-12
20-20	1 11/16-12	1 11/16-12
24-24	2-12	2-12



FF2701

COMPLIANCE

» SAE 520701

AVAILABILITY

» Import Steel

FF2702



AVAILABILITY
» Import Steel

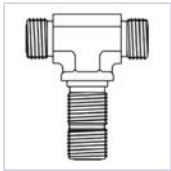
COMPLIANCE
» SAE 520801

ORFS Bulkhead Union 45°

To include locknut with bulkhead fitting add "LN" after base part number. Example FF2702-LN-04-04.

SHAPE			45 degree elbow
Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal	
04-04	9/16-18	9/16-18	
06-06	11/16-16	11/16-16	
08-08	13/16-16	13/16-16	
10-10	1-14	1-14	
12-12	1 3/16-12	1 3/16-12	
16-16	1 7/16-12	1 7/16-12	
20-20	1 11/16-12	1 11/16-12	
24-24	2-12	2-12	

FF2703



AVAILABILITY
» Import Steel

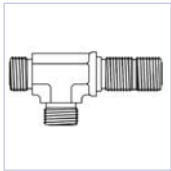
COMPLIANCE
» SAE 520959

ORFS Bulkhead Union Branch Tee

To include locknut with bulkhead fitting add "LN" after base part number. Example FF2703-LN-04-04.

SHAPE			Tee
Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal	Male O-Ring Face Seal
04-04-04	9/16-18	9/16-18	9/16-18
06-06-06	11/16-16	11/16-16	11/16-16
08-08-08	13/16-16	13/16-16	13/16-16
10-10-10	1-14	1-14	1-14
12-12-12	1 3/16-12	1 3/16-12	1 3/16-12
16-16-16	1 7/16-12	1 7/16-12	1 7/16-12
20-20-20	1 11/16-12	1 11/16-12	1 11/16-12
24-24-24	2-12	2-12	2-12

FF2704



AVAILABILITY
» Import Steel

COMPLIANCE
» SAE 520958

ORFS Bulkhead Union Run Tee

To include locknut with bulkhead fitting add "LN" after base part number. Example FF2704-LN-04-04.

SHAPE			Tee
Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal	Male O-Ring Face Seal
04-04-04	9/16-18	9/16-18	9/16-18
06-06-06	11/16-16	11/16-16	11/16-16
08-08-08	13/16-16	13/16-16	13/16-16
10-10-10	1-14	1-14	1-14
12-12-12	1 3/16-12	1 3/16-12	1 3/16-12
16-16-16	1 7/16-12	1 7/16-12	1 7/16-12
20-20-20	1 11/16-12	1 11/16-12	1 11/16-12
24-24-24	2-12	2-12	2-12

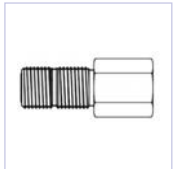
ORFS to Pipe Bulkhead

To include locknut with bulkhead fitting add "LN" after base part number. Example FF2705-LN-04-04.

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Female Pipe
04-04	9/16-18	1/4-18
06-02	11/16-16	1/8-27
06-04	11/16-16	1/4-18
10-08	1-14	1/2-14



FF2705

AVAILABILITY
» Steel

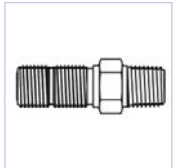
ORFS to Pipe Bulkhead

To include locknut with bulkhead fitting add "LN" after base part number. Example FF2706-LN-04-04.

SHAPE

Straight

Dash Size	Female O-Ring Face Seal Swivel
04	9/16-18
06	11/16-16
08	13/16-16
10	1-14
12	1 3/16-12
16	1 7/16-12
20	1 11/16-12
24	2-12



FF2706

AVAILABILITY
» Steel

ORFS to O-Ring Bulkhead

To include locknut with bulkhead fitting, insert "LN" between base part number and dash size.
(Example: FF2709-LN-04-04)

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Male O-Ring
04-04	9/16-18	7/16-20
04-06	9/16-18	9/16-18
06-06	11/16-16	9/16-18
08-08	13/16-16	3/4-16
10-10	1 - 1 4	7/8-14
12-12	1 13/16-12	1 1/16-12
16-16	1 7/16-12	1 5/16-12
20-20	1 11/16-12	1 5/8-12
24-24	2-12	1 7/8-12



FF2709

AVAILABILITY
» Import Steel
» Steel

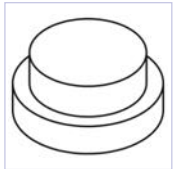
Flat Face Cap Insert

Insert into a FF0318 (ORFS Tube Nut) to create a FF0304-C-XX (ORFS Cap).

SHAPE

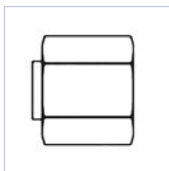
Cap

Dash Size	Female O-Ring Face Seal Swivel
04	9/16-18
06	11/16-16
08	13/16-16
10	1-14
12	1 3/16-12
16	1 7/16-12
20	1 11/16-12
24	2-12



FF3019

AVAILABILITY
» Steel

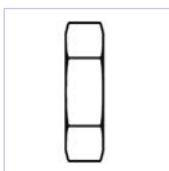
FF0304-C**AVAILABILITY**» Import Steel
Steel**COMPLIANCE**

» SAE 520112

ORFS Cap**SHAPE**

Cap

Dash Size	Female O-Ring Face Seal Swivel
04	9/16-18
06	11/16-16
08	13/16-16
10	1-14
12	1 3/16-12
16	1 7/16-12
20	1 11/16-12
24	2-12

FF0306**AVAILABILITY**

» Steel

COMPLIANCE

» SAE 520118

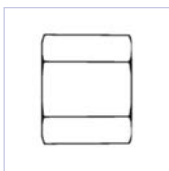
ORFS Bulkhead Locknut

To include locknut with bulkhead fitting add "LN" after base part number. Example FF2700-LN-04-04.

SHAPE

Nut

Dash Size	Female O-Ring Face Seal
04	9/16-18
06	11/16-16
08	13/16-16
10	1-14
12	1 3/16-12
16	1 7/16-12
20	1 11/16-12
24	2-12

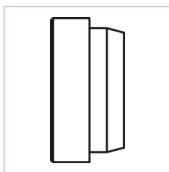
FF0318**AVAILABILITY**» Steel
» Import Stainless
Steel**COMPLIANCE**

» SAE 520110

ORFS Tube Nut**SHAPE**

Nut

Dash Size	Female O-Ring Face Seal
04	9/16-18
06	11/16-16
08	13/16-16
10	1-14
12	1 3/16-12
16	1 7/16-12
20	1 11/16-12
24	2-12

FF0319**AVAILABILITY**» Steel
» Import Stainless
Steel**COMPLIANCE**

» 520115

ORFS Braze-On Sleeve

Use with silver braze ring. Order SBR and size (e.g. SBR-04).

SHAPE

Sleeve

Dash Size	Tube Size
04	1/4
06	3/8
08	1/2
10	5/8
12	3/4
16	1
20	1 1/4
24	1 1/2

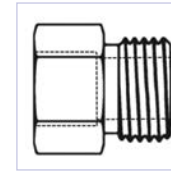
Braze-On to ORFS Connector

Use with silver braze ring. Order SBR and size (e.g. SBR-04).

SHAPE

Straight

Dash Size	Braze Port	Male O-Ring Face Seal
04-04	1/4	9/16-18
06-04	3/8	9/16-18
06-06	3/8	11/16-16
08-06	1/2	11/16-16
08-08	1/2	13/16-16
10-06	5/8	11/16-16
10-08	5/8	13/16-16
10-10	5/8	1-14
12-08	3/4	13/16-16
12-12	3/4	1 3/16-12
16-12	1	1 3/16-12
16-16	1	1 7/16-12
20-16	1 1/4	1 7/16-12
20-20	1 1/4	1 11/16-12
24-20	1 1/2	1 11/16-12
24-24	1 1/2	2-12



FFO403

COMPLIANCE

» SAE 520104

AVAILABILITY

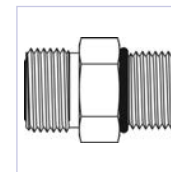
» Import Steel
» Steel

ORFS to O-Ring

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Male O-Ring
04-04	9/16-18	7/16-20
04-05	9/16-18	1/2-20
04-06	9/16-18	9/16-18
04-08	9/16-18	3/4-16
06-04	11/16-16	7/16-20
06-05	11/16-16	1/2-20
06-06	11/16-16	9/16-18
06-08	11/16-16	3/4-16
06-10	11/16-16	7/8-14
06-12	11/16-16	1 1/16-12
06-16	11/16-16	1 5/16-12
08-06	13/16-16	9/16-18
08-08	13/16-16	3/4-16
08-10	13/16-16	7/8-14
08-12	13/16-16	1 1/16-12
08-16	13/16-16	1 5/16-12
10-06	1-14	9/16-18
10-08	1-14	3/4-16
10-10	1-14	7/8-14
10-12	1-14	1 1/16-12
10-16	1-14	1 5/16-12
12-08	1 3/16-12	3/4-16
12-10	1 3/16-12	7/8-14
12-12	1 3/16-12	1 1/16-12
12-14	1 3/16-12	1 3/16-12
12-16	1 3/16-12	1 5/16-12
12-20	1 3/16-12	1 5/8-12
16-10	1 7/16-12	7/8-14



FF6400

COMPLIANCE

» SAE 520120

AVAILABILITY

» Import Steel
» Steel
» Import Stainless Steel

▼ FF6400 continues

O-Ring Face Seal Adapters

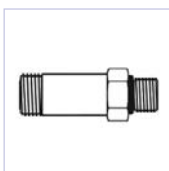
Hydraulic Adapters & Fittings

FF6400

▼ continued

Dash Size	Male O-Ring Face Seal	Male O-Ring
16-12	1 7/16-12	1 1/16-12
16-16	1 7/16-12	1 5/16-12
16-20	1 7/16-12	1 5/8-12
16-24	1 7/16-12	1 7/8-12
20-16	1 11/16-12	1 5/16-12
20-20	1 11/16-12	1 5/8-12
20-24	1 11/16-12	1 7/8-12
24-20	2-12	1 5/8-12
24-24	2-12	1 7/8-12

FF6400-L



ORFS to O-Ring - Long

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Male O-Ring	Overall Adapter Length (OAL)
04-04	9/16-18	7/16-20	2.07
06-06	11/16-16	9/16-18	2.27
06-08	11/16-16	3/4-16	2.14
08-08	13/16-16	3/4-16	2.67
10-08	1-14	3/4-16	3.00
10-10	1-14	7/8-14	3.13
12-12	1 3/16-12	1 1/16-12	3.76
16-16	1 7/16-12	1 5/16-12	4.14
20-20	1 11/16-12	1 5/8-12	4.76
24-24	2-12	1 7/8-12	5.26

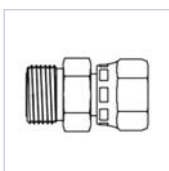
AVAILABILITY

- » Import Steel
- » Steel

COMPLIANCE

- » SAE 520122

FF6402



ORFS to JIC Swivel

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Female JIC Swivel
04-04	9/16-18	7/16-20
06-06	11/16-16	9/16-18
08-08	13/16-16	3/4-16
10-10	1-14	7/8-14
12-12	1 3/16-12	1 1/16-12
16-16	1 7/16-12	1 5/16-12
20-20	1 11/16-12	1 5/8-12
24-24	2-12	1 7/8-12

AVAILABILITY

- » Import Steel
- » Steel

COMPLIANCE

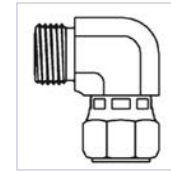
- » SAE 520181

ORFS to ORFS Swivel Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Female O-Ring Face Seal Swivel
04-04	9/16-18	9/16-18
04-06	9/16-18	11/16-16
06-06	11/16-16	11/16-16
08-06	13/16-16	11/16-16
08-08	13/16-16	13/16-16
08-12	13/16-16	1 3/16-12
10-10	1-14	1-14
12-12	1 3/16-12	1 3/16-12
16-16	1 7/16-12	1 7/16-12
20-20	1 11/16-12	1 11/16-12
24-20	2-12	1 11/16-12
24-24	2-12	2-12



COMPLIANCE

» SAE 520221

FF6500

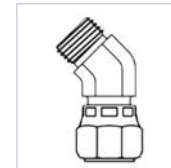
AVAILABILITY

 » Import Steel
 » Import Stainless Steel
ORFS to ORFS Swivel Elbow 45°

SHAPE

45 degree elbow

Dash Size	Male O-Ring Face Seal	Female O-Ring Face Seal Swivel
04-04	9/16-18	9/16-18
06-06	11/16-16	11/16-16
08-08	13/16-16	13/16-16
10-10	1-14	1-14
12-12	1 3/16-12	1 3/16-12
16-16	1 7/16-12	1 7/16-12
20-20	1 11/16-12	1 11/16-12

**FF6502**

AVAILABILITY

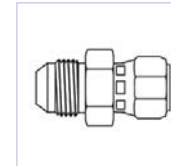
» Import Steel

JIC to ORFS Swivel

SHAPE

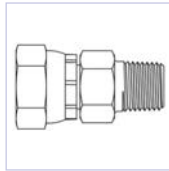
Straight

Dash Size	Male JIC	Female O-Ring Face Seal Swivel
04-04	7/16-20	9/16-18
06-06	9/16-18	11/16-16
06-08	9/16-18	13/16-16
08-08	3/4-16	13/16-16
10-10	7/8-14	1-14
12-12	1 1/16-12	1 3/16-12
16-16	1 5/16-12	1 7/16-12
20-20	1 5/8-12	1 11/16-12
24-24	1 7/8-12	2-12

**FF6504**

AVAILABILITY

 » Import Steel
 » Steel

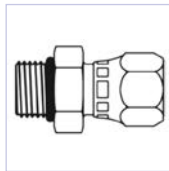
FF6505**AVAILABILITY**

- » Import Steel
- » Steel

ORFS Swivel to Pipe**SHAPE**

Straight

Dash Size	Female O-Ring Face Seal Swivel	Male Pipe
04-04	9/16-18	1/4-18
06-06	11/16-16	3/8-18
08-08	13/16-16	1/2-14
10-08	1-14	1/2-14
12-12	1 3/16-12	3/4-14
16-16	1 7/16-12	1-11 1/2

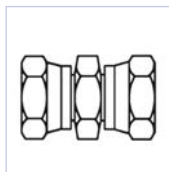
FF6507**AVAILABILITY**

- » Import Steel
- » Steel

O-Ring to ORFS Swivel**SHAPE**

Straight

Dash Size	Male O-Ring	Female O-Ring Face Seal Swivel
04-04	7/16-20	9/16-18
06-06	9/16-18	11/16-16
08-08	3/4-16	13/16-16
10-10	7/8-14	1-14
12-12	1 1/16-12	1 3/16-12
16-16	1 5/16-12	1 7/16-12
20-20	1 5/8-12	1 11/16-12

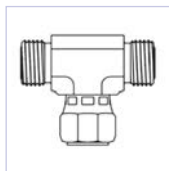
FF6510**AVAILABILITY**

- » Steel

ORFS Swivel to ORFS Swivel**SHAPE**

Straight

Dash Size	Female O-Ring Face Seal Swivel	Female O-Ring Face Seal Swivel
04-04	9/16-18	9/16-18
06-06	11/16-16	11/16-16
08-08	13/16-16	13/16-16
12-12	1 3/16-12	1 3/16-12
16-16	1 7/16-12	1 7/16-12

FF6600**AVAILABILITY**

- » Import Steel

COMPLIANCE

- » SAE 520433

ORFS to ORFS Swivel Branch Tee**SHAPE**

Tee

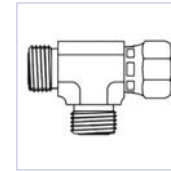
Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal	Female O-Ring Face Seal Swivel
04-04-04	9/16-18	9/16-18	9/16-18
06-06-06	11/16-16	11/16-16	11/16-16
08-08-08	13/16-16	13/16-16	13/16-16
10-10-10	1-14	1-14	1-14
12-12-12	1 3/16-12	1 3/16-12	1 3/16-12
16-16-16	1 7/16-12	1 7/16-12	1 7/16-12
20-20-20	1 11/16-12	1 11/16-12	1 11/16-12
24-24-24	2-12	2-12	2-12

ORFS to ORFS Swivel Run Tee

SHAPE

Tee

Dash Size	Male O-Ring Face Seal	Female O-Ring Face Seal Swivel	Male O-Ring Face Seal
04-04-04	9/16-18	9/16-18	9/16-18
06-06-06	11/16-16	11/16-16	11/16-16
08-08-08	13/16-16	13/16-16	13/16-16
10-10-10	1-14	1-14	1-14
12-12-12	1 3/16-12	1 3/16-12	1 3/16-12
16-16-16	1 7/16-12	1 7/16-12	1 7/16-12
20-20-20	1 11/16-12	1 11/16-12	1 11/16-12
24-24-24	2-12	2-12	2-12



FF6602

COMPLIANCE

» SAE 520432

AVAILABILITY

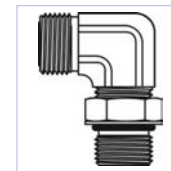
» Import Steel

ORFS to O-Ring Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Male O-Ring
04-04	9/16-18	7/16-20
04-05	9/16-18	1/2-20
04-06	9/16-18	9/16-18
04-08	9/16-18	3/4-16
06-04	11/16-16	7/16-20
06-05	11/16-16	1/2-20
06-06	11/16-16	9/16-18
06-08	11/16-16	3/4-16
06-10	11/16-16	7/8-14
06-12	11/16-16	1 1/16-12
06-16	11/16-16	1 5/16-12
08-06	13/16-16	9/16-18
08-08	13/16-16	3/4-16
08-10	13/16-16	7/8-14
08-12	13/16-16	1 1/16-12
10-08	1-14	3/4-16
10-10	1-14	7/8-14
10-12	1-14	1 1/16-12
12-08	1 3/16-12	3/4-16
12-10	1 3/16-12	7/8-14
12-12	1 3/16-12	1 1/16-12
12-16	1 3/16-12	1 5/16-12
16-12	1 7/16-12	1 1/16-12
16-14	1 7/16-12	1 3/16-12
16-16	1 7/16-12	1 5/16-12
16-20	1 7/16-12	1 5/8-12
20-12	1 11/16-12	1 1/16-12
20-16	1 11/16-12	1 5/16-12
20-20	1 11/16-12	1 5/8-12
20-24	1 11/16-12	1 7/8-12
24-20	2-12	1 5/8-12
24-24	2-12	1 7/8-12



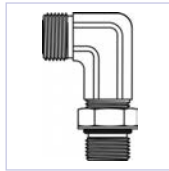
FF6801

COMPLIANCE

» SAE 520220

AVAILABILITY

» Import Steel
» Import Stainless Steel

FF6801-L**AVAILABILITY**

» Import Steel

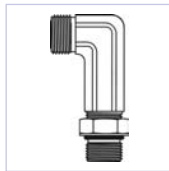
ORFS to O-Ring Elbow 90° - Long

Drop Length = Middle of Male O-Ring Face Seal to End of Male O-Ring Threads.

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Male O-Ring	Drop Length
12-12	1 3/16-12	1 1/16-12	3.31

FF6801-LL**AVAILABILITY**

» Import Steel

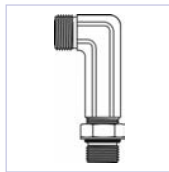
ORFS to O-Ring Elbow 90° - Extra Long

Drop Length = Middle of Male O-Ring Face Seal to End of Male O-Ring Threads.

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Male O-Ring	Drop Length
04-04	9/16-18	7/16-20	2.23
06-06	11/16-16	9/16-18	2.61
08-08	13/16-16	3/4-16	2.95
10-10	1-14	7/8-14	3.51
12-12	1 3/16-12	1 1/16-12	3.97
16-16	1 7/16-12	1 5/16-12	4.51
20-20	1 11/16-12	1 5/8-12	4.98
24-24	2-12	1 7/8-12	5.48

FF6801-LLL**AVAILABILITY**

» Import Steel

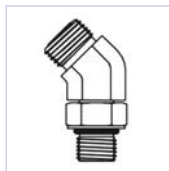
ORFS to O-Ring Elbow 90° - Extra Extra Long

Drop Length = Middle of Male O-Ring Face Seal to End of Male O-Ring Threads.

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Male O-Ring	Drop Length
08-08	13/16-16	3/4-16	3.50
16-16	1 7/16-12	1 5/16-12	5.00

FF6802**AVAILABILITY**

» Import Steel

COMPLIANCE

» SAE 520320

ORFS to O-Ring Elbow 45°**SHAPE**

45 degree elbow

Dash Size	Male O-Ring Face Seal	Male O-Ring
04-04	9/16-18	7/16-20
04-06	9/16-18	9/16-18
06-04	11/16-16	7/16-20
06-06	11/16-16	9/16-18
06-08	11/16-16	3/4-16
06-10	11/16-16	7/8-14
08-06	13/16-16	9/16-18
08-08	13/16-16	3/4-16
08-10	13/16-16	7/8-14
08-12	13/16-16	1 1/16-12
10-08	1-14	3/4-16
10-10	1-14	7/8-14
10-12	1-14	1 1/16-12
12-08	1 3/16-12	3/4-16
12-10	1 3/16-12	7/8-14
12-12	1 3/16-12	1 1/16-12

Dash Size	Male O-Ring Face Seal	Male O-Ring
12-16	1 3/16-12	1 5/16-12
16-12	1 7/16-12	1 1/16-12
16-16	1 7/16-12	1 5/16-12
16-20	1 7/16-12	1 5/8-12
20-20	1 11/16-12	1 5/8-12
24-24	2-12	1 7/8-12

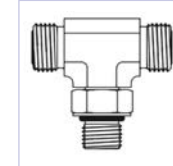
FF6802
▼ continued

ORFS to O-Ring Branch Tee

SHAPE

Tee

Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal	Male O-Ring
04-04-04	9/16-18	9/16-18	7/16-20
04-04-06	9/16-18	9/16-18	9/16-18
06-06-06	11/16-16	11/16-16	9/16-18
06-06-08	11/16-16	11/16-16	3/4-16
08-06-08	13/16-16	11/16-16	3/4-16
08-08-06	13/16-16	13/16-16	9/16-18
08-08-08	13/16-16	13/16-16	3/4-16
10-10-10	1-14	1-14	7/8-14
12-12-10	1 3/16-12	1 3/16-12	7/8-14
12-12-12	1 3/16-12	1 3/16-12	1 1/16-12
12-12-16	1 3/16-12	1 3/16-12	1 5/16-12
12-16-16	1 3/16-12	1 7/16-12	1 5/16-12
16-16-12	1 7/16-12	1 7/16-12	1 1/16-12
16-16-16	1 7/16-12	1 7/16-12	1 5/16-12
20-20-16	1 11/16-12	1 11/16-12	1 5/16-12
20-20-20	1 11/16-12	1 11/16-12	1 5/8-12
24-24-24	2-12	2-12	1 7/8-12



FF6803

COMPLIANCE

» SAE 520429

AVAILABILITY

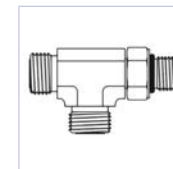
» Import Steel

ORFS to O-Ring Run Tee

SHAPE

Tee

Dash Size	Male O-Ring Face Seal	Male O-Ring	Male O-Ring Face Seal
04-04-04	9/16-18	7/16-20	9/16-18
04-06-04	9/16-18	9/16-18	9/16-18
06-04-06	11/16-16	7/16-20	11/16-16
06-06-06	11/16-16	9/16-18	11/16-16
08-06-08	13/16-16	9/16-18	13/16-16
08-08-08	13/16-16	3/4-16	13/16-16
08-10-08	13/16-16	7/8-14	13/16-16
08-12-08	13/16-16	1 1/16-12	13/16-16
10-10-10	1-14	7/8-14	1-14
10-12-10	1-14	1 1/16-12	1-14
10-12-12	1-14	1 1/16-12	1 3/16-12
12-12-12	1 3/16-12	1 1/16-12	1 3/16-12
12-16-12	1 3/16-12	1 5/16-12	1 3/16-12
16-12-16	1 7/16-12	1 1/16-12	1 7/16-12
16-16-12	1 7/16-12	1 5/16-12	1 3/16-12
16-16-16	1 7/16-12	1 5/16-12	1 7/16-12
20-16-20	1 11/16-12	1 5/16-12	1 11/16-12
20-20-20	1 11/16-12	1 5/8-12	1 11/16-12
24-24-24	2-12	1 7/8-12	2-12



FF6804

COMPLIANCE

» SAE 520428

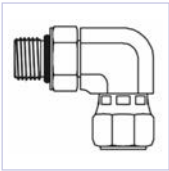
AVAILABILITY

» Import Steel



FF6809

AVAILABILITY
» Import Steel



COMPLIANCE
» SAE 520281

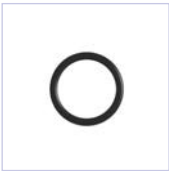
O-Ring to ORFS Swivel Elbow 90°

SHAPE			90 degree elbow
Dash Size	Male O-Ring	Female O-Ring Face Seal Swivel	
04-04	7/16-20	9/16-18	
06-06	9/16-18	11/16-16	
08-08	3/4-16	13/16-16	
10-10	7/8-14	1-14	
12-12	1 1/16-12	1 3/16-12	
16-16	1 5/16-12	1 7/16-12	
20-20	1 5/8-12	1 11/16-12	
24-24	1 7/8-12	2-12	



75DFF-Viton

AVAILABILITY
» Viton 75 Durometer



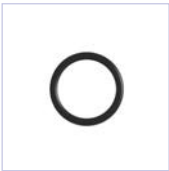
Viton 75 Durometer Face Seal O-Ring

SHAPE		O-Ring
Dash Size		
04		
06		
08		
10		
12		
16		
20		
24		



90DFF

AVAILABILITY
» Buna-Nitrile 90 Durometer



Buna-Nitrile 90 Durometer Face Seal O-Ring

SHAPE		O-Ring
Dash Size		
04		
06		
08		
10		
12		
16		
20		
24		

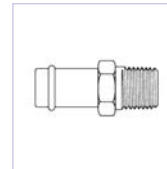
Beaded Hose Fittings

Beaded Hose to Pipe

SHAPE

Straight

Dash Size	Beaded Stem	Male Pipe
04-02	1/4	1/8-27
04-04	1/4	1/4-18
05-02	5/16	1/8-27
06-04	3/8	1/4-18
06-06	3/8	3/8-18
08-04	1/2	1/4-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14
08-12	1/2	3/4-14
10-06	5/8	3/8-18
10-08	5/8	1/2-14
10-12	5/8	3/4-14
12-08	3/4	1/2-14
12-12	3/4	3/4-14
12-16	3/4	1-11 1/2
16-12	1	3/4-14
16-16	1	1-11 1/2
20-16	1 1/4	1-11 1/2
20-20	1 1/4	1 1/4-11 1/2
20-24	1 1/4	1 1/2-11 1/2
24-20	1 1/2	1 1/4-11 1/2
24-24	1 1/2	1 1/2-11 1/2
32-32	2	2-11 1/2
40-40	2 1/2	2 1/2-8

**4404**

COMPLIANCE

» SAE 430160

AVAILABILITY

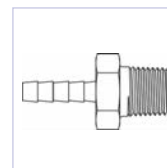
» Import Steel
» Steel

Hose Barb to Pipe

SHAPE

Straight

Dash Size	Hose Barb	Male Pipe
04-02	1/4	1/8-27
04-04	1/4	1/4-18
04-06	1/4	3/8-18
05-04	5/16	1/4-18
06-02	3/8	1/8-27
06-04	3/8	1/4-18
06-06	3/8	3/8-18
06-08	3/8	1/2-14
08-04	1/2	1/4-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14
10-08	5/8	1/2-14
10-12	5/8	3/4-14
12-08	3/4	1/2-14
12-12	3/4	3/4-14
12-16	3/4	1-11 1/2

**4444**

AVAILABILITY

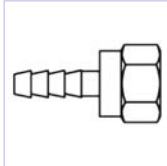
» Import Steel
» Steel

▼ 4444 continues

4444

▼ continued

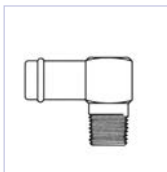
Dash Size	Hose Barb	Male Pipe
16-12	1	3/4-14
16-16	1	1-11 1/2
20-20	1 1/4	1 1/4-11 1/2
24-24	1 1/2	1 1/2-11 1/2
32-32	2	2-11 1/2

4445**Hose Barb to JIC Swivel**

SHAPE

Straight

Dash Size	Hose Barb	Female JIC Swivel
12-12	3/4	1 1/16-12
12-16	3/4	1 5/16-12
16-16	1	1 5/16-12
20-20	1 1/4	1 5/8-12
24-24	1 1/2	1 7/8-12
32-32	2	2 1/2-12
40-40	2 1/2	3-12
48-48	3	3 1/2-12

4501**Beaded Hose to Pipe Elbow 90°**

SHAPE

90 degree elbow

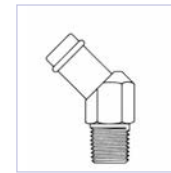
Dash Size	Beaded Stem	Male Pipe
04-02	1/4	1/8-27
04-04	1/4	1/4-18
05-02	5/16	1/8-27
05-04	5/16	1/4-18
06-04	3/8	1/4-18
06-06	3/8	3/8-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14
08-12	1/2	3/4-14
10-06	5/8	3/8-18
10-08	5/8	1/2-14
12-08	3/4	1/2-14
12-12	3/4	3/4-14
12-16	3/4	1-11 1/2
16-12	1	3/4-14
16-16	1	1-11 1/2
20-16	1 1/4	1-11 1/2
20-20	1 1/4	1 1/4-11 1/2
20-24	1 1/4	1 1/2-11 1/2
24-20	1 1/2	1 1/4-11 1/2
24-24	1 1/2	1 1/2-11 1/2
32-32	2	2-11 1/2

Beaded Hose to Pipe Elbow 45°

SHAPE

45 degree elbow

Dash Size	Beaded Stem	Male Pipe
04-02	1/4	1/8-27
04-04	1/4	1/4-18
06-04	3/8	1/4-18
06-06	3/8	3/8-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14
10-08	5/8	1/2-14
12-08	3/4	1/2-14
12-12	3/4	3/4-14
16-12	1	3/4-14
16-16	1	1-11 1/2
16-20	1	1 1/4-11 1/2
20-16	1 1/4	1-11 1/2
20-20	1 1/4	1 1/4-11 1/2
24-24	1 1/2	1 1/2-11 1/2
32-32	2	2-11 1/2



COMPLIANCE

» SAE 430360

4503

AVAILABILITY

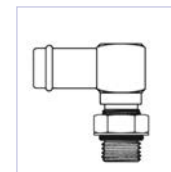
 » Import Steel
 » Steel

Beaded Hose to O-Ring Elbow 90°

SHAPE

90 degree elbow

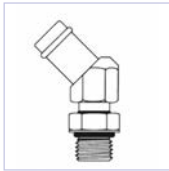
Dash Size	Beaded Stem	Male O-Ring
04-04	1/4	7/16-20
05-04	5/16	7/16-20
05-05	5/16	1/2-20
06-04	3/8	7/16-20
06-06	3/8	9/16-18
06-08	3/8	3/4-16
08-06	1/2	9/16-18
08-08	1/2	3/4-16
08-10	1/2	7/8-14
10-08	5/8	3/4-16
10-10	5/8	7/8-14
10-12	5/8	1 1/16-12
12-08	3/4	3/4-16
12-10	3/4	7/8-14
12-12	3/4	1 1/16-12
12-16	3/4	1 5/16-12
16-12	1	1 1/16-12
16-16	1	1 5/16-12
16-20	1	1 5/8-12
20-12	1 1/4	1 1/16-12
20-16	1 1/4	1 5/16-12
20-20	1 1/4	1 5/8-12
20-24	1 1/4	1 7/8-12
24-20	1 1/2	1 5/8-12
24-24	1 1/2	1 7/8-12
32-20	2	1 5/8-12
32-24	2	1 7/8-12
32-32	2	2 1/2-12



4601

AVAILABILITY

 » Import Steel
 » Steel

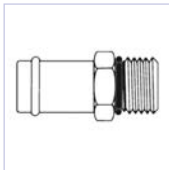
4603**AVAILABILITY**

- » Import Steel
- » Steel

Beaded Hose to O-Ring Elbow 45°**SHAPE**

45 degree elbow

Dash Size	Beaded Stem	Male O-Ring
04-04	1/4	7/16-20
04-06	1/4	9/16-18
06-06	3/8	9/16-18
08-06	1/2	9/16-18
08-08	1/2	3/4-16
10-08	5/8	3/4-16
10-10	5/8	7/8-14
10-12	5/8	1 1/16-12
12-08	3/4	3/4-16
12-10	3/4	7/8-14
12-12	3/4	1 1/16-12
12-16	3/4	1 5/16-12
16-12	1	1 1/16-12
16-16	1	1 5/16-12
20-16	1 1/4	1 5/16-12
20-20	1 1/4	1 5/8-12
24-16	1 1/2	1 5/16-12
24-20	1 1/2	1 5/8-12
24-24	1 1/2	1 7/8-12
32-32	2	2 1/2-12

4604**AVAILABILITY**

- » Import Steel
- » Steel

Beaded Hose to O-Ring**SHAPE**

Straight

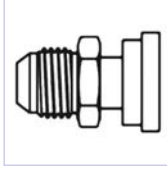
Dash Size	Beaded Stem	Male O-Ring
04-04	1/4	7/16-20
05-05	5/16	1/2-20
06-04	3/8	7/16-20
06-06	3/8	9/16-18
06-08	3/8	3/4-16
06-10	3/8	7/8-14
08-06	1/2	9/16-18
08-08	1/2	3/4-16
08-10	1/2	7/8-14
10-08	5/8	3/4-16
10-10	5/8	7/8-14
12-08	3/4	3/4-16
12-10	3/4	7/8-14
12-12	3/4	1 1/16-12
16-12	1	1 1/16-12
16-16	1	1 5/16-12
16-20	1	1 5/8-12
20-14	1 1/4	1 3/16-12
20-16	1 1/4	1 5/16-12
20-20	1 1/4	1 5/8-12
20-24	1 1/4	1 7/8-12
24-20	1 1/2	1 5/8-12
24-24	1 1/2	1 7/8-12
32-20	2	1 5/8-12
32-24	2	1 7/8-12
32-32	2	2 1/2-12



FLANGES & FLANGE ADAPTERS

JIC Flange Adapters

6840



AVAILABILITY

» Steel

COMPLIANCE

» Code 61

JIC to No Braze Flange - Code 61

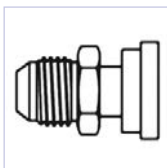
One-Piece Construction. 6840-10-10 and 6840-12-10 are Komatsu fittings.
Braze Tube also Available.

SHAPE

Straight

Dash Size	Male JIC	Code 61 Flange
08-08	3/4-16	1/2"
08-12	3/4-16	3/4"
10-10	7/8-14	16mm
10-16	7/8-14	1"
12-10	1 1/16-12	16mm
12-12	1 1/16-12	3/4"
12-16	1 1/16-12	1"
12-20	1 1/16-12	1 1/4"
14-12	1 3/16-12	3/4"
16-12	1 5/16-12	3/4"
16-16	1 5/16-12	1"
16-20	1 5/16-12	1 1/4"
16-24	1 5/16-12	1 1/2"
20-16	1 5/8-12	1"
20-20	1 5/8-12	1 1/4"
20-24	1 5/8-12	1 1/2"
20-32	1 5/8-12	2"
24-20	1 7/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
24-32	1 7/8-12	2"
32-24	2 1/2-12	1 1/2"
24-40	1 7/8-12	2 1/2"
32-32	2 1/2-12	2"
32-40	2 1/2-12	2 1/2"
40-40	3-12	2 1/2"

6842



AVAILABILITY

Steel

»

COMPLIANCE

» Code 62

JIC to No Braze Flange - Code 62

One-Piece Construction. Braze Tube also Available.

SHAPE

Straight

Dash Size	Male JIC	Code 62 Flange
08-08	3/4-16	1/2"
12-12	1 1/16-12	3/4"
12-16	1 1/16-12	1"
16-12	1 5/16-12	3/4"
16-16	1 5/16-12	1"
16-20	1 5/16-12	1 1/4"
16-24	1 5/16-12	1 1/2"
20-16	1 5/8-12	1"
20-20	1 5/8-12	1 1/4"
20-24	1 5/8-12	1 1/2"
24-20	1 7/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
24-32	1 7/8-12	2"
32-32	2 1/2-12	2" "

JIC to No Braze Flange Elbow 45° - Code 61

Both Brazed Bent Tube and Forge (FG) Body Styles Available.
One-Piece Construction.

SHAPE45 degree elbow

Dash Size	Male JIC	Code 61 Flange
08-08	3/4-16	1/2"
08-12	3/4-16	3/4"
10-10	7/8-14	16mm
12-12	1 1/16-12	3/4"
12-16	1 1/16-12	1"
12-20	1 1/16-12	1 1/4"
16-16	1 5/16-12	1"
16-20	1 5/16-12	1 1/4"
16-24	1 5/16-12	1 1/2"
20-12	1 5/8-12	3/4"
20-16	1 5/8-12	1"
20-20	1 5/8-12	1 1/4"
20-24	1 5/8-12	1 1/2"
24-20	1 7/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
24-32	1 7/8-12	2"
24-40	1 7/8-12	2 1/2"
32-24	2 1/2-12	1 1/2"
32-32	2 1/2-12	2"



COMPLIANCE
» Code 61



AVAILABILITY
» Import Steel



JIC to No Braze Flange Elbow 45° - Code 62

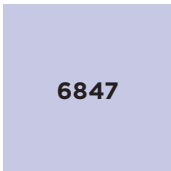
Both Brazed Bent Tube and Forge (FG) Body Styles Available.
One-Piece Construction.

SHAPE45 degree elbow

Dash Size	Male JIC	Code 62 Flange
12-12	1 1/16-12	3/4"
12-16	1 1/16-12	1"
16-12	1 5/16-12	3/4"
16-16	1 5/16-12	1"
16-20	1 5/16-12	1 1/4"
16-24	1 5/16-12	1 1/2"
20-16	1 5/8-12	1"
20-20	1 5/8-12	1 1/4"
20-24	1 5/8-12	1 1/2"
24-20	1 7/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
32-32	2 1/2-12	2"



COMPLIANCE
» Code 62



AVAILABILITY
» Import Steel

6890**AVAILABILITY**

» Import Steel

COMPLIANCE

» Code 61

JIC to No Braze Flange Elbow 90° - Code 61

6890-10-10 and 6890-12-10 are Komatsu fittings.

One-Piece Construction. Both Brazed Bent Tube and Forge (FG) Body Style Available.

SHAPE

90 degree elbow

Dash Size	Male JIC	Code 61 Flange
08-08	3/4-16	1/2"
08-12	3/4-16	3/4"
10-10	7/8-14	16mm
12-10	1 1/16-12	16mm
12-12	1 1/16-12	3/4"
12-16	1 1/16-12	1"
12-20	1 1/16-12	1 1/4"
12-24	1 1/16-12	1 1/2"
16-12	1 5/16-12	3/4"
16-16	1 5/16-12	1"
16-20	1 5/16-12	1 1/4"
16-24	1 5/16-12	1 1/2"
16-32	1 5/16-12	2"
20-16	1 5/8-12	1"
20-20	1 5/8-12	1 1/4"
20-24	1 5/8-12	1 1/2"
20-32	1 5/8-12	2"
24-16	1 7/8-12	1"
24-20	1 7/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
24-32	1 7/8-12	2"
24-40	1 7/8-12	2 1/2"
32-24	2 1/2-12	1 1/2"
32-32	2 1/2-12	2"
32-40	2 1/2-12	2 1/2"
40-40	3-12	2 1/2"

6892**AVAILABILITY**

» Import Steel

COMPLIANCE

» Code 62

JIC to No Braze Flange Elbow 90° - Code 62

One-Piece Construction. Both Brazed Bent Tube and Forge (FG) Body Style Available.

SHAPE

90 degree elbow

Dash Size	Male JIC	Code 62 Flange
08-08	3/4-16	1/2"
12-08	1 1/16-12	1/2"
12-12	1 1/16-12	3/4"
12-16	1 1/16-12	1"
12-20	1 1/16-12	1 1/4"
16-12	1 5/16-12	3/4"
16-16	1 5/16-12	1"
16-20	1 5/16-12	1 1/4"
16-24	1 5/16-12	1 1/2"
20-16	1 5/8-12	1"
20-20	1 5/8-12	1 1/4"
20-24	1 5/8-12	1 1/2"
24-20	1 7/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
24-32	1 7/8-12	2"
32-32	2 1/2-12	2"

O-Ring Face Seal Flange Adapters

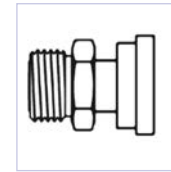
ORFS to No Braze Flange - Code 61

One-Piece Construction. Brazed Style Available.

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Code 61 Flange
12-12	1 3/16-12	3/4"
12-16	1 3/16-12	1"
16-12	1 7/16-12	3/4"
16-16	1 7/16-12	1"
16-20	1 7/16-12	1 1/4"
20-16	1 11/16-12	1"
20-20	1 11/16-12	1 1/4"
20-24	1 11/16-12	1 1/2"
24-24	2-12	1 1/2"



FF6840

COMPLIANCE

» Code 61

AVAILABILITY

» Import Steel

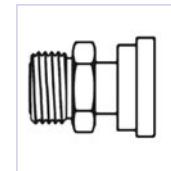
ORFS to No Braze Flange - Code 62

One-Piece Construction. Brazed Style Available.

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Code 62 Flange
12-12	1 3/16-12	3/4"
12-16	1 3/16-12	1"
16-12	1 7/16-12	3/4"
16-16	1 7/16-12	1"
16-20	1 7/16-12	1 1/4"
20-16	1 11/16-12	1"
20-20	1 11/16-12	1 1/4"
20-24	1 11/16-12	1 1/2"
24-20	2-12	1 1/4"
24-24	2-12	1 1/2"



FF6842

COMPLIANCE

» Code 62

AVAILABILITY

» Import Steel

ORFS to No Braze Flange - 45° - Code 61

One-Piece Construction. Forge (FG) Body Style Available.

SHAPE

45 degree elbow

Dash Size	Male O-Ring Face Seal	Code 61 Flange
12-12	1 3/16-12	3/4"
12-16	1 3/16-12	1"
16-12	1 7/16-12	3/4"
16-16	1 7/16-12	1"
20-20	1 11/16-12	1 1/4"
20-24	1 11/16-12	1 1/2"
24-24	2-12	1 1/2"



FF6845

COMPLIANCE

» Code 61

AVAILABILITY

» Import Steel

FF6847

AVAILABILITY
» Import Steel

COMPLIANCE
» Code 62

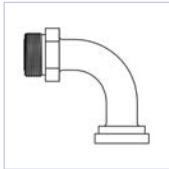
ORFS to No Braze Flange - 45° - Code 62

One-Piece Construction. Both Brazed Bent Tube and Forge (FG) Body Style Available.

SHAPE

45 degree elbow

Dash Size	Male O-Ring Face Seal	Code 62 Flange
12-12	1 3/16-12	3/4"
12-16	1 3/16-12	1"
16-16	1 7/16-12	1"
20-12	1 3/16-12	3/4"
20-20	1 11/16-12	1 1/4"
24-24	2-12	1 1/2"

FF6890

AVAILABILITY
» Import Steel

COMPLIANCE
» Code 61

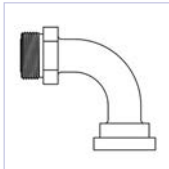
ORFS to No Braze Flange - 90° - Code 61

One-Piece Construction. Both Brazed Bent Tube and Forge (FG) Body Style Available.

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Code 61 Flange
08-08	1 3/16-12	1/2"
12-12	1 3/16-12	3/4"
12-16	1 3/16-12	1"
16-16	1 7/16-12	1"
20-20	1 11/16-12	1 1/4"
24-20	2-12	1 1/4"
24-24	2-12	1 1/2"

FF6892

AVAILABILITY
» Import Steel

COMPLIANCE
» Code 62

ORFS to No Braze Flange - 90° - Code 62

One-Piece Construction. Both Brazed Bent Tube and Forge (FG) Body Style Available.

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Code 62 Flange
12-12	1 3/16-12	3/4"
12-16	1 3/16-12	1"
16-12	1 7/16-12	3/4"
16-16	1 7/16-12	1"
20-16	1 11/16-12	1"
20-20	1 11/16-12	1 1/4"
20-24	1 11/16-12	1 1/2"
24-24	2-12	1 1/2"

CAT Style No Braze JIC Flange Adapters

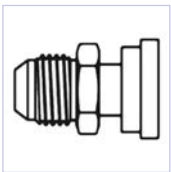
JIC to No Braze Flange - CAT

One-Piece Construction

SHAPE

Straight

Dash Size	Male JIC	CAT Flange
12-12	1 1/16-12	3/4"
16-16	1 5/16-12	1"
20-20	1 5/8-12	1 1/4"
32-32	2 1/2-12	2"



NB6842-C

COMPLIANCE

» CAT

AVAILABILITY

» Steel

JIC to No Braze Flange Elbow 45° - CAT

One-Piece Construction

SHAPE

45 degree elbow

Dash Size	Male JIC	CAT Flange
12-12	1 1/16-12	3/4"
16-16	1 5/16-12	1"
20-20	1 5/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
32-32	2 1/2-12	2"



NB6847-C

COMPLIANCE

» CAT

AVAILABILITY

» Steel

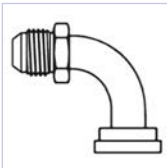
JIC to No Braze Flange Elbow 90 degree - CAT

One-Piece Construction

SHAPE

90 degree elbow

Dash Size	Male JIC	CAT Flange
12-12	1 1/16-12	3/4"
16-16	1 5/16-12	1"
20-20	1 5/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
32-32	2 1/2-12	2"



NB6892-C

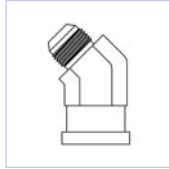
COMPLIANCE

» CAT

AVAILABILITY

» Steel

FG6845



AVAILABILITY

» Steel

COMPLIANCE

» Code 61

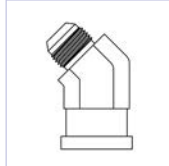
Forged Body Style JIC to Flange Elbow 45°- Code 61

SHAPE

45 degree elbow

Dash Size	Male JIC	Code 61 Flange
24-24	1 7/8-12	1 1/2"

FG6847



AVAILABILITY

» Steel

COMPLIANCE

» Code 62

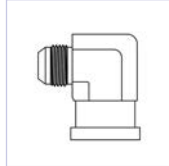
Forged Body Style JIC to Flange Elbow 45°- Code 62

SHAPE

45 degree elbow

Dash Size	Male JIC	Code 62 Flange
16-16	1 5/16-12	1"
32-32	2 1/2-12	2"

FG6890



AVAILABILITY

» Steel

COMPLIANCE

» Code 61

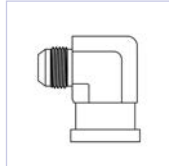
Forged Body Style JIC to Flange Elbow 90°- Code 61

SHAPE

90 degree elbow

Dash Size	Male JIC	Code 61 Flange
08-12	3/4-16	3/4"
12-12	1 1/16-12	3/4"
12-16	1 1/16-12	1"
16-12	1 5/16-12	3/4"
16-16	1 5/16-12	1"
16-20	1 5/16-12	1 1/4"
20-16	1 5/8-12	1"
20-20	1 5/8-12	1 1/4"
20-24	1 5/8-12	1 1/2"
24-24	1 7/8-12	1 1/2"
24-32	1 7/8-12	2"
32-24	2 1/2-12	1 1/2"
32-32	2 1/2-12	2"

FG6892



AVAILABILITY

» Steel

COMPLIANCE

» Code 62

Forged Body Style JIC to Flange Elbow 90°- Code 61

SHAPE

90 degree elbow

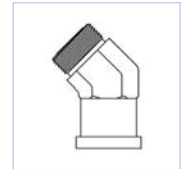
Dash Size	Male JIC	Code 62 Flange
08-08	3/4-16	1/2"
12-12	1 1/16-12	3/4"
12-16	1 1/16-12	1"
16-12	1 5/16-12	3/4"
16-16	1 5/16-12	1"
16-20	1 5/16-12	1 1/4"
16-24	1 5/16-12	1 1/2"
20-16	1 5/8-12	1"
20-20	1 5/8-12	1 1/4"
20-24	1 5/8-12	1 1/2"
24-20	1 7/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
24-32	1 7/8-12	2"
32-24	2 1/2-12	1 1/2"
32-32	2 1/2-12	2"

Forged Body Style ORFS to Flange 45° - Code 61

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Code 61 Flange
12-12	1 3/16-12	3/4"
16-16	1 7/16-12	1"
20-20	1 11/16-12	1 1/4"
24-14	2-12	1 1/2"

FGFF6845**AVAILABILITY**

» Steel

COMPLIANCE

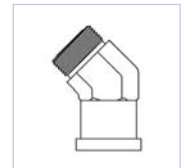
» Code 61

Forged Body Style ORFS to Flange 45° - Code 62

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Code 62 Flange
12-12	1 3/16-12	3/4"
16-16	1 7/16-12	1"
20-20	1 11/16-12	1 1/4"
24-14	2-12	1 1/2"

FGFF6845**AVAILABILITY**

» Steel

COMPLIANCE

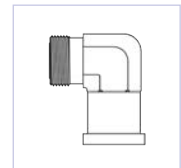
» Code 62

Forged Body Style ORFS to Flange 90° - Code 61

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Code 61 Flange
12-12	1 3/16-12	3/4"
12-16	1 3/16-12	1"
16-12	1 7/16-12	3/4"
16-16	1 7/16-12	1"
16-20	1 7/16-12	1 1/4"
20-16	1 11/16-12	1"
20-20	1 11/16-12	1 1/4"
20-24	1 11/16-12	1 1/2"
24-20	2-12	1 1/4"
24-24	2-12	1 1/2"
24-32	2-12	2"

FGFF6890**AVAILABILITY**

» Steel

COMPLIANCE

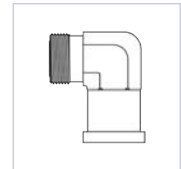
» Code 61

Forged Body Style ORFS to Flange 90° - Code 62

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Code 62 Flange
12-12	1 3/16-12	3/4"
12-16	1 3/16-12	1"
16-12	1 7/16-12	3/4"
16-16	1 7/16-12	1"
16-20	1 7/16-12	1 1/4"
20-16	1 11/16-12	1"
20-20	1 11/16-12	1 1/4"
20-24	1 11/16-12	1 1/2"
24-20	2-12	1 1/4"
24-24	2-12	1 1/2"

FGFF6892**AVAILABILITY**

» Steel

COMPLIANCE

» Code 62

Notes

[illegible]

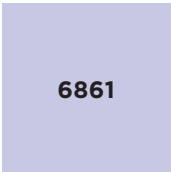
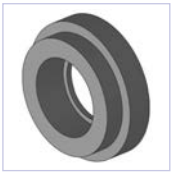
Code 61 Flange Components

Braze to Split Flange - Code 61

SHAPE

Straight

Dash Size	Braze Port	Code 61 Flange
08-08	1/2	1/2"
12-12	3/4	3/4"
16-16	1	1"
16-20	1	1 1/4"
20-16	1 1/4	1"
20-20	1 1/4	1 1/4"
20-24	1 1/4	1 1/2"
24-24	1 1/2	1 1/2"
32-32	2	2"
32-40	2	2 1/2"
40-40	2 1/2	2 1/2"
48-48	3	3"



COMPLIANCE

» Code 61

AVAILABILITY

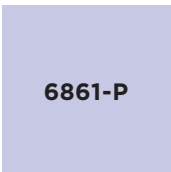
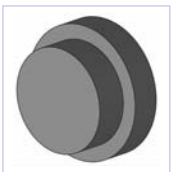
» Steel

Split Flange Plug - Code 61

SHAPE

Plug

Dash Size	Code 61 Flange
08	1/2"
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"
40	2 1/2"
48	3"
56	3 1/2"
64	4"



COMPLIANCE

» Code 61

AVAILABILITY

» Steel

Viton 75 Durometer Flange O-Ring

SHAPE

O-Ring

Dash Size
08
12
16
20
24
32



COMPLIANCE

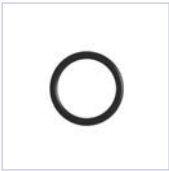
» Code 61
» Code 62

AVAILABILITY

» Viton 75 Durometer



AVAILABILITY
» Buna-Nitrile 90 Durometer



COMPLIANCE
» Code 61
» Code 62

Buna-Nitrile 90 Durometer Flange O-Ring

SHAPE	O-Ring
Dash Size	
08	
10	
12	
16	
20	
24	
32	
40	
48	



AVAILABILITY
» Steel



COMPLIANCE
» Code 61

Flange Connector Plate - Code 61

Used to connect (2) O-Ring flanges.

Dash Size	Code 61 Flange
08	1/2"
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"
40	2 1/2"
48	3"



AVAILABILITY
» Steel



COMPLIANCE
» Code 61

Split Flange Half - Code 61

To order as a kit that includes: (2) Flange Halves, (4) Grade 8 Hex Head Cap Screws, (4) Hardened Flat Washers, and (1) Nitrile O-Ring; add the suffix "K" to the base component part number (Example: SFK-12).

Dash Size	Code 61 Flange
08	1/2"
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"
40	2 1/2"
48	3"



AVAILABILITY
» Steel



COMPLIANCE
» Code 61

Split Flange Kit - Code 61

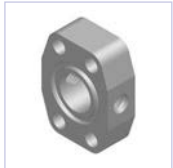
A kit includes: (2) Flange Halves, (4) Grade 8 Hex Head Cap Screws, (4) Hardened Flat Washers, and (1) Nitrile O-Ring.

Dash Size	Code 61 Flange
08	1/2"
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"
40	2 1/2"
48	3"

Gauge Port Spacer-Code 61

Includes One (1) each of 5406-FLP-04 & 6408-HHP-04 to plug side that will not have pressure gauge or both sides if using as a spacer only.

Dash Size	Code 61 Flange
08	1/2"
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"



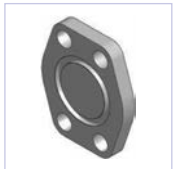
COMPLIANCE
» Code 61

AVAILABILITY
» Steel

Zero PSI Shipping Plate - Code 61

Not for use on dynamic or pressurized applications.

Dash Size	Code 61 Flange
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"
40	2 1/2"



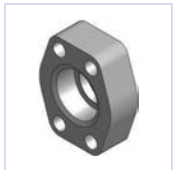
COMPLIANCE
» Code 61

AVAILABILITY
» Steel

Pipe Weld Flange Pad - Code 61

To order as a kit that includes: (4) Socket Head Cap Screws, (4) Spring Lock Washers, and (1) Nitrile O-Ring; add the suffix "K" to the base component part number (Example: W4K-12-12).

Dash Size	Pipe Weld	Code 61 Flange
08-08	1/2	1/2"
12-12	3/4	3/4"
16-16	1	1"
20-20	1 1/4	1 1/4"
24-24	1 1/2	1 1/2"
32-32	2	2"
40-40	2 1/2	2 1/2"
48-48	3	3"



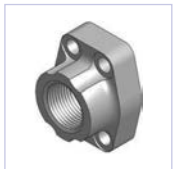
COMPLIANCE
» Code 61

AVAILABILITY
» Steel

Pipe Flange Pad - Code 61

To order as a kit that includes: (4) Socket Head Cap Screws, (4) Spring Lock Washers, and (1) Nitrile O-Ring; add the suffix "K" to the base component part number (Example: W43K-12-12).

Dash Size	Female Pipe	Code 61 Flange
08-08	1/2-14	1/2"
12-12	3/4-14	3/4"
16-16	1-11 1/2	1"
16-20	1-11 1/2	1 1/4"
20-20	1 1/4-11 1/2	1 1/4"
24-24	1 1/2-11 1/2	1 1/2"
32-32	2-11 1/2	2"
40-40	2 1/2-8	2 1/2"
48-48	3-8	3"
56-56	3 1/2-8	3 1/2"



COMPLIANCE
» Code 61

AVAILABILITY
» Steel

W46**AVAILABILITY**

» Steel

**COMPLIANCE**

» Code 61

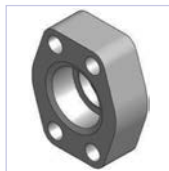
O-Ring Flange Pad - Code 61

To order as a kit that includes: (4) Socket Head Cap Screws, (4) Spring Lock Washers, and (1) Nitrile O-Ring; add the suffix "K" to the base component part number (Example: W46K-12-12).

Dash Size	Female O-Ring	Code 61 Flange
08-08	3/4-16	1/2"
12-12	1 1/16-12	3/4"
16-16	1 5/16-12	1"
20-20	1 5/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
32-32	2 1/2-12	2"

WC04**AVAILABILITY**

» Steel

**COMPLIANCE**

» Code 61

Pipe Weld Companion Flange Pad - Code 61

Dash Size	Pipe Weld	Code 61 Flange
08-08	1/2	1/2"
12-12	3/4	3/4"
16-16	1	1"
20-20	1 1/4	1 1/4"
24-24	1 1/2	1 1/2"
32-32	2	2"
40-40	2 1/2	2 1/2"
48-48	3	3"

WC43**AVAILABILITY**

» Steel

**COMPLIANCE**

» Code 61

Pipe Companion Flange Pad - Code 61

Dash Size	Female Pipe	Code 61 Flange
08-08	1/2-14	1/2"
12-12	3/4-14	3/4"
16-16	1-11 1/2	1"
20-20	1 1/4-11 1/2	1 1/4"
24-24	1 1/2-11 1/2	1 1/2"
32-32	2-11 1/2	2"
40-40	2 1/2-8	2 1/2"
48-48	3-8	3"

WC46**AVAILABILITY**

» Steel

**COMPLIANCE**

» Code 61

O-Ring Companion Flange Pad - Code 61

Dash Size	Female O-Ring	Code 61 Flange
08-08	3/4-16	1/2"
12-12	1 1/16-12	3/4"
16-16	1 5/16-12	1"
20-20	1 5/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
32-32	2 1/2-12	2"

Code 62 Flange Components

Braze to Split Flange - Code 62

SHAPE

Straight

Dash Size	Braze Port	Code 62 Flange
08-08	1/2	1/2"
12-12	3/4	3/4"
16-16	1	1"
20-20	1 1/4	1 1/4"
24-24	1 1/2	1 1/2"
32-32	2	2"



COMPLIANCE
» Code 62

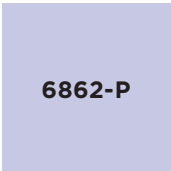
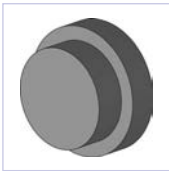
AVAILABILITY
» Steel

Split Flange Plug - Code 62

SHAPE

Plug

Dash Size	Code 62 Flange
08	1/2"
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"



COMPLIANCE
» Code 62

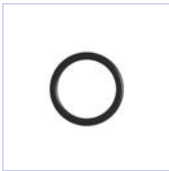
AVAILABILITY
» Steel

Viton 75 Durometer Flange O-Ring

SHAPE

O-Ring

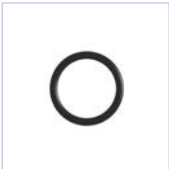
Dash Size
08
12
16
20
24
32



COMPLIANCE
» Code 61
» Code 62

AVAILABILITY
» Viton 75
Durometer

90DF



AVAILABILITY

» Buna-Nitrile 90 Durometer

COMPLIANCE

» Code 61
» Code 62

Buna-Nitrile 90 Durometer Flange O-Ring

SHAPE

O-Ring

Dash Size
08
10
12
16
20
24
32
40
48

CPX



AVAILABILITY

» Steel

COMPLIANCE

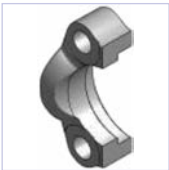
» Code 62

Flange Connector Plate - Code 62

Used to connect (2) O-Ring flanges.

Dash Size	Code 62 Flange
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"

SFX



AVAILABILITY

» Steel

COMPLIANCE

» Code 62

Split Flange Half - Code 62

To order as a kit that includes: (2) Flange Halves, (4) Grade 8 Hex Head Cap Screws, (4) Hardened Flat Washers, and (1) Nitrile O-Ring; add the suffix "K" to the base component part number (Example: SFXK-12).

Dash Size	Code 62 Flange
08	1/2"
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"

SFXK KIT



AVAILABILITY

» Steel

COMPLIANCE

» Code 62

Split Flange Kit - Code 62

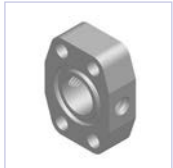
A kit includes: (2) Flange Halves, (4) Grade 8 Hex Head Cap Screws, (4) Hardened Flat Washers, and (1) Nitrile O-Ring.

Dash Size	Code 62 Flange
08	1/2"
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"

Gauge Port Spacer-Code 62

Includes One (1) each of 5406-FLP-04 & 6408-HHP-04 to plug side that will not have pressure gauge or both sides if using as a spacer only.

Dash Size	Code 62 Flange
08	1/2"
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"



COMPLIANCE
» Code 61



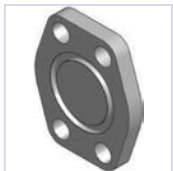
GP6872
AVAILABILITY
» Steel



Zero PSI Shipping Plate - Code 62

Not for use on dynamic or pressurized applications.

Dash Size	Code 62 Flange
12	3/4"
16	1"
20	1 1/4"
24	1 1/2"
32	2"



COMPLIANCE
» Code 62

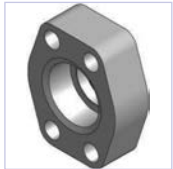


SPX
AVAILABILITY
» Steel

Pipe Weld Flange Pad - Code 62

To order as a kit that includes: (4) Socket Head Cap Screws, (4) Spring Lock Washers, and (1) Nitrile O-Ring; add the suffix "K" to the base component part number (Example: W42K-12-12).

Dash Size	Pipe Weld	Code 62 Flange
08-08	1/2	1/2"
12-12	3/4	3/4"
16-16	1	1"
20-20	1 1/4	1 1/4"
24-24	1 1/2	1 1/2"
32-32	2	2"
40-40	2 1/2	2 1/2"
48-48	3	3"



COMPLIANCE
» Code 62



W42
AVAILABILITY
» Steel

Pipe Flange Pad - Code 62

To order as a kit that includes: (4) Socket Head Cap Screws, (4) Spring Lock Washers, and (1) Nitrile O-Ring; add the suffix "K" to the base component part number (Example: W44K-12-12).

Dash Size	Female Pipe	Code 62 Flange
08-08	1/2-14	1/2"
12-12	3/4-14	3/4"
16-16	1-11 1/2	1"
20-20	1 1/4-11 1/2	1 1/4"
24-24	1 1/2-11 1/2	1 1/2"
32-32	2-11 1/2	2"



COMPLIANCE
» Code 62



W44
AVAILABILITY
» Steel

W48**AVAILABILITY**

» Steel

**COMPLIANCE**

» Code 62

O-Ring Flange Pad - Code 62

To order as a kit that includes: (4) Socket Head Cap Screws, (4) Spring Lock Washers, and (1) Nitrile O-Ring; add the suffix "K" to the base component part number (Example: W48K-12-12).

Dash Size	Female O-Ring	Code 62 Flange
08-08	3/4-16	1/2"
12-12	1 1/16-12	3/4"
16-16	1 5/16-12	1"
20-20	1 5/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
32-32	2 1/2-12	2"

WC42**AVAILABILITY**

» Steel

**COMPLIANCE**

» Code 62

Pipe Weld Companion Flange Pad - Code 62

Dash Size	Pipe Weld	Code 62 Flange
08-08	1/2	1/2"
12-12	3/4	3/4"
16-16	1	1"
20-20	1 1/4	1 1/4"
24-24	1 1/2	1 1/2"
32-32	2	2"
48-48	3	3"

WC44**AVAILABILITY**

» Steel

**COMPLIANCE**

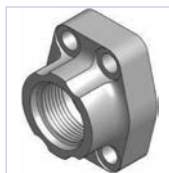
» Code 62

Pipe Companion Flange Pad - Code 62

Dash Size	Female Pipe	Code 62 Flange
08-08	1/2-14	1/2"
12-12	3/4-14	3/4"
16-16	1-11 1/2	1"
20-20	1 1/4-11 1/2	1 1/4"
24-24	1 1/2-11 1/2	1 1/2"
32-32	2-11 1/2	2"

WC48**AVAILABILITY**

» Steel

**COMPLIANCE**

» Code 62

O-Ring Companion Flange Pad - Code 62

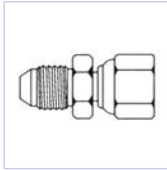
Dash Size	Female O-Ring	Code 62 Flange
08-08	3/4-16	1/2"
12-12	1 1/16-12	3/4"
16-16	1 5/16-12	1"
20-20	1 5/8-12	1 1/4"
24-24	1 7/8-12	1 1/2"
32-32	2 1/2-12	2"



METRIC ADAPTERS & FITTINGS

BSPP Adapters

3240



AVAILABILITY

» Steel

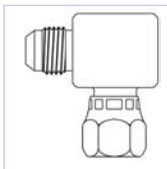
JIC to BSPP Swivel

SHAPE

Straight

Dash Size	Male JIC	Female British Pipe Parallel Swivel
04-02	7/16-20	1/8-28
04-04	7/16-20	1/4-19
04-06	7/16-20	3/8-19
04-08	7/16-20	1/2-14
05-04	1/2-20	1/4-19
05-06	1/2-20	3/8-19
06-04	9/16-18	1/4-19
06-06	9/16-18	3/8-19
06-08	9/16-18	1/2-14
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
08-10	3/4-16	5/8-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-19
10-08	7/8-14	1/2-14
10-10	7/8-14	5/8-14
10-12	7/8-14	3/4-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11
20-20	1 5/8-12	1 1/4-11
24-24	1 7/8-12	1 1/2-11

3401



AVAILABILITY

» Steel

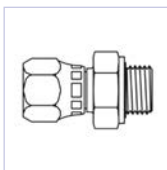
JIC to BSPP Swivel Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male JIC	Female British Pipe Parallel Swivel
04-04	7/16-20	1/4-19
06-06	9/16-18	3/8-19
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
12-12	1 1/16-12	3/4-14

3402



AVAILABILITY

» Steel

JIC to BSPP

For port sealing application be sure to also order a bonded seal washer (DS-BSP).

SHAPE

Straight

Dash Size	Female JIC Swivel	Male British Pipe Parallel
04-02	7/16-20	1/8-28
04-04	7/16-20	1/4-19
04-06	7/16-20	3/8-19
04-08	7/16-20	1/2-14
05-04	1/2-20	1/4-19
06-04	9/16-18	1/4-19

Metric Adapters & Fittings

BSPP Adapters

Dash Size	Female JIC Swivel	Male British Pipe Parallel
06-06	9/16-18	3/8-19
06-08	9/16-18	1/2-14
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
08-10	3/4-16	5/8-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-19
10-08	7/8-14	1/2-14
10-10	7/8-14	5/8-14
12-08	1 1/16-12	1/2-14
12-10	1 1/16-12	5/8-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11
16-20	1 5/16-12	1 1/4-11
20-16	1 5/8-12	1-11
20-20	1 5/8-12	1 1/4-11
24-24	1 7/8-12	1 1/2-11
24-32	1 7/8-12	2-11
32-24	2 1/2-12	1 1/2-11
32-32	2 1/2-12	2-11

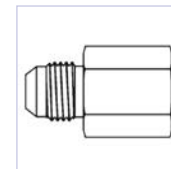
3402
▼ continued

JIC to BSPP

SHAPE

Straight

Dash Size	Male JIC	Female British Pipe Parallel
04-04	7/16-20	1/4-19
06-04	9/16-18	1/4-19
06-06	9/16-18	3/8-19
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11
20-16	1 5/8-12	1-11
20-20	1 5/8-12	1 1/4-11
24-20	1 7/8-12	1 1/4-11
24-24	1 7/8-12	1 1/2-11



3405

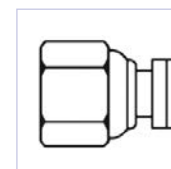
AVAILABILITY
» Steel

BSPP Cap

SHAPE

Cap

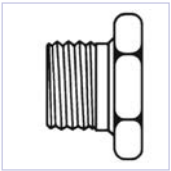
Dash Size	Female British Pipe Parallel Swivel
02	1/8-28
04	1/4-19
06	3/8-19
08	1/2-14
10	5/8-14
12	3/4-14
16	1-11
20	1 1/4-11
24	1 1/2-11
32	2-11



3406

AVAILABILITY
» Steel

3408



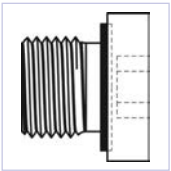
AVAILABILITY
» Steel

BSPP Plug

For port sealing application be sure to also order a bonded seal washer (DS-BSP).

SHAPE		Plug
Dash Size	Male British Pipe Parallel	
02	1/8-28	
04	1/4-19	
06	3/8-19	
08	1/2-14	
10	5/8-14	
12	3/4-14	
16	1-11	
20	1 1/4-11	
24	1 1/2-11	
32	2-11	
40	2 1/2-11	
48	3-11	

3408-HHP



AVAILABILITY
» Steel

BSPP Hollow Hex Plug

SHAPE		Plug
Dash Size	Male British Pipe Parallel	
02	1/8-28	
04	1/4-19	
06	3/8-19	
08	1/2-14	
12	3/4-14	
16	1-11	
20	1 1/4-11	
24	1 1/2-11	

3420



AVAILABILITY
» Steel

BSPP Union

SHAPE			Straight
Dash Size	Male British Pipe Parallel	Male British Pipe Parallel	
02-02	1/8-28	1/8-28	
04-02	1/4-19	1/8-28	
04-04	1/4-19	1/4-19	
06-02	3/8-19	1/8-28	
06-04	3/8-19	1/4-19	
06-06	3/8-19	3/8-19	
08-02	1/2-14	1/8-28	
08-04	1/2-14	1/4-19	
08-06	1/2-14	3/8-19	
08-08	1/2-14	1/2-14	
10-04	5/8-14	1/4-19	
10-06	5/8-14	3/8-19	
10-08	5/8-14	1/2-14	
10-10	5/8-14	5/8-14	
12-04	3/4-14	1/4-19	
12-06	3/4-14	3/8-19	
12-08	3/4-14	1/2-14	

Metric Adapters & Fittings

BSPP Adapters

Dash Size	Male British Pipe Parallel	Male British Pipe Parallel
12-10	3/4-14	5/8-14
12-12	3/4-14	3/4-14
16-04	1-11	1/4-19
16-06	1-11	3/8-19
16-08	1-11	1/2-14
16-10	1-11	5/8-14
16-12	1-11	3/4-14
16-16	1-11	1-11
20-06	1 1/4-11	3/8-19
20-08	1 1/4-11	1/2-14
20-10	1 1/4-11	5/8-14
20-12	1 1/4-11	3/4-14
20-16	1 1/4-11	1-11
20-20	1 1/4-11	1 1/4-11
24-08	1 1/2-11	1/2-14
24-12	1 1/2-11	3/4-14
24-16	1 1/2-11	1-11
24-20	1 1/2-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-16	2-11	1-11
32-20	2-11	1 1/4-11
32-24	2-11	1 1/2-11
32-32	2-11	2-11
40-24	2 1/2-11	1 1/2-11
40-32	2 1/2-11	2-11
40-40	2 1/2-11	2 1/2-11
48-32	3-11	2-11
48-40	3-11	2 1/2-11
48-48	3-11	3-11

3420

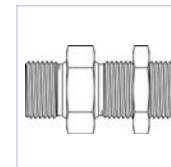
▼ continued

BSPP Bulkhead Union

SHAPE

Straight

Dash Size	Male British Pipe Parallel	Male British Pipe Parallel
02-02	1/8-28	1/8-28
04-04	1/4-19	1/4-19
04-06	1/4-19	3/8-19
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
06-08	3/8-19	1/2-14
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
10-10	5/8-14	5/8-14
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11
16-16	1-11	1-11
20-20	1 1/4-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-32	2-11	2-11



3421

AVAILABILITY

» Steel

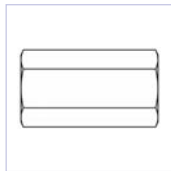
3422**AVAILABILITY**

» Steel

BSPP Bulkhead Locknut**SHAPE**

Nut

Dash Size	Female British Pipe Parallel
02	1/8-28
04	1/4-19
06	3/8-19
08	1/2-14
10	5/8-14
12	3/4-14
16	1-11
20	1 1/4-11
24	1 1/2-11
32	2-11

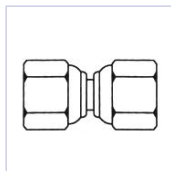
3425**AVAILABILITY**

» Steel

BSPP Coupling**SHAPE**

Straight

Dash Size	Female British Pipe Parallel	Female British Pipe Parallel
02-02	1/8-28	1/8-28
04-02	1/4-19	1/8-28
04-04	1/4-19	1/4-19
06-02	3/8-19	1/8-28
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
10-08	5/8-14	1/2-14
10-10	5/8-14	5/8-14
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-12	1-11	3/4-14
16-16	1-11	1-11
20-20	1 1/4-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-32	2-11	2-11

3426**AVAILABILITY**

» Steel

BSPP Swivel Union**SHAPE**

Straight

Dash Size	Female British Pipe Parallel Swivel	Female British Pipe Parallel Swivel
02-02	1/8-28	1/8-28
04-04	1/4-19	1/4-19
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
08-04	1/2-14	1/4-19
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
10-08	5/8-14	1/2-14
10-10	5/8-14	5/8-14
12-08	3/4-14	1/2-14
12-10	3/4-14	5/8-14

Dash Size	Female British Pipe Parallel Swivel	Female British Pipe Parallel Swivel
12-12	3/4-14	3/4-14
16-08	1-11	1/2-14
16-10	1-11	5/8-14
16-12	1-11	3/4-14
16-16	1-11	1-11
20-12	1 1/4-11	3/4-14
20-20	1 1/4-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-24	2-11	1 1/2-11
32-32	2-11	2-11

3426

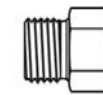
▼ continued

BSPP Reducer Bushing

SHAPE

Straight

Dash Size	Male British Pipe Parallel	Female British Pipe Parallel
06-02	3/8-19	1/8-28
08-02	1/2-14	1/8-28
08-04	1/2-14	1/4-19
12-04	3/4-14	1/4-19
12-06	3/4-14	3/8-19
16-04	1-11	1/4-19
16-06	1-11	3/8-19
16-08	1-11	1/2-14
20-08	1 1/4-11	1/2-14
20-12	1 1/4-11	3/4-14
20-16	1 1/4-11	1-11
24-08	1 1/2-11	1/2-14
24-12	1 1/2-11	3/4-14
24-16	1 1/2-11	1-11
32-12	2-11	3/4-14
32-16	2-11	1-11
32-20	2-11	1 1/4-11
32-24	2-11	1 1/2-11
40-32	2 1/2-11	2-11

**3430**

AVAILABILITY

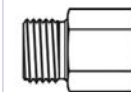
» Steel

BSPP to BSPP Extended Bushing

SHAPE

Straight

Dash Size	Male British Pipe Parallel	Female British Pipe Parallel
02-02	1/8-28	1/8-28
02-04	1/8-28	1/4-19
04-02	1/4-19	1/8-28
04-04	1/4-19	1/4-19
04-06	1/4-19	3/8-19
04-08	1/4-19	1/2-14
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
06-08	3/8-19	1/2-14
06-12	3/8-19	3/4-14
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14

**3435**

AVAILABILITY

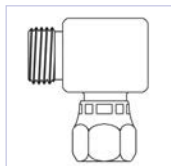
» Steel

▼ 3435 continues

3435

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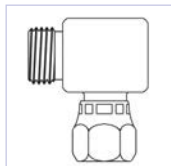
Dash Size	Male British Pipe Parallel	Female British Pipe Parallel
08-12	1/2-14	3/4-14
08-16	1/2-14	1-11
10-08	5/8-14	1/2-14
12-08	3/4-14	1/2-14
12-10	3/4-14	5/8-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11
12-20	3/4-14	1 1/4-11
16-12	1-11	3/4-14
16-16	1-11	1-11
16-20	1-11	1 1/4-11
16-24	1-11	1 1/2-11
20-20	1 1/4-11	1 1/4-11
24-20	1 1/2-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-32	2-11	2-11

3436**BSPP to BSPP Swivel Elbow 90°**

SHAPE

90 degree elbow

Dash Size	Male British Pipe Parallel	Female British Pipe Parallel Swivel
02-02	1/8-28	1/8-28
04-04	1/4-19	1/4-19
04-06	1/4-19	3/8-19
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
06-08	3/8-19	1/2-14
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
10-10	5/8-14	5/8-14
12-12	3/4-14	3/4-14
16-12	1-11	3/4-14
16-16	1-11	1-11
20-20	1 1/4-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-32	2-11	2-11

3437**BSPP to JIC Swivel Elbow 90°**

SHAPE

90 degree elbow

Dash Size	Male British Pipe Parallel	Female JIC Swivel
04-04	1/4-19	7/16-20
04-06	1/4-19	9/16-18
06-06	3/8-19	9/16-18
06-08	3/8-19	3/4-16
08-06	1/2-14	9/16-18
08-08	1/2-14	3/4-16
08-10	1/2-14	7/8-14
10-10	5/8-14	7/8-14
12-12	3/4-14	1 1/16-12

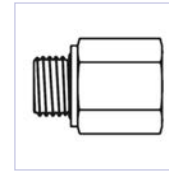
BSPP to Pipe

For port sealing application be sure to also order a bonded seal washer (DS-BSP).

SHAPE

Straight

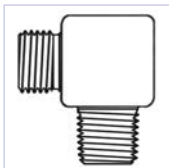
Dash Size	Male British Pipe Parallel	Female Pipe
02-02	1/8-28	1/8-27
02-04	1/8-28	1/4-18
04-02	1/4-19	1/8-27
04-04	1/4-19	1/4-18
04-06	1/4-19	3/8-18
06-02	3/8-19	1/8-27
06-04	3/8-19	1/4-18
06-06	3/8-19	3/8-18
06-08	3/8-19	1/2-14
08-02	1/2-14	1/8-27
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
12-04	3/4-14	1/4-18
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-04	1-11	1/4-18
16-06	1-11	3/8-18
16-08	1-11	1/2-14
16-12	1-11	3/4-14
16-16	1-11	1-11 1/2
20-12	1 1/4-11	3/4-14
20-16	1 1/4-11	1-11 1/2
20-20	1 1/4-11	1 1/4-11 1/2
24-12	1 1/2-11	3/4-14
24-16	1 1/2-11	1-11 1/2
24-20	1 1/2-11	1 1/4-11 1/2
24-24	1 1/2-11	1 1/2-11 1/2
24-32	1 1/2-11	2-11 1/2
32-12	2-11	3/4-14
32-24	2-11	1 1/2-11 1/2
32-32	2-11	2-11 1/2
40-24	2 1/2-11	1 1/2-11 1/2
40-32	2 1/2-11	2-11 1/2
40-40	2 1/2-11	2 1/2-8
48-32	3-11	2-11 1/2
48-48	3-11	3-8



3455

AVAILABILITY

» Steel

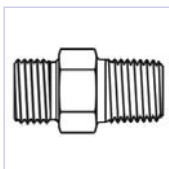
3540**AVAILABILITY**

» Steel

BSPP to BSPT Elbow 90°**SHAPE**

90 degree elbow

Dash Size	Male British Pipe Parallel	Male British Pipe Tapered
02-02	1/8-28	1/8-28
02-04	1/8-28	1/4-19
04-02	1/4-19	1/8-28
04-04	1/4-19	1/4-19
04-06	1/4-19	3/8-19
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11

3544**AVAILABILITY**

» Steel

BSPP to BSPT**SHAPE**

Straight

Dash Size	Male British Pipe Parallel	Male British Pipe Tapered
02-02	1/8-28	1/8-28
02-04	1/8-28	1/4-19
02-06	1/8-28	3/8-19
04-02	1/4-19	1/8-28
04-04	1/4-19	1/4-19
04-06	1/4-19	3/8-19
04-08	1/4-19	1/2-14
06-02	3/8-19	1/8-28
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
06-08	3/8-19	1/2-14
06-12	3/8-19	3/4-14
06-16	3/8-19	1-11
08-04	1/2-14	1/4-19
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
08-10	1/2-14	5/8-14
08-12	1/2-14	3/4-14
10-06	5/8-14	3/8-19
10-08	5/8-14	1/2-14
10-10	5/8-14	5/8-14
10-12	5/8-14	3/4-14
12-04	3/4-14	1/4-19
12-06	3/4-14	3/8-19
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11
12-20	3/4-14	1 1/4-11
16-08	1-11	1/2-14
16-12	1-11	3/4-14
16-16	1-11	1-11
16-20	1-11	1 1/4-11
16-24	1-11	1 1/2-11
16-32	1-11	2-11

Dash Size	Male British Pipe Parallel	Male British Pipe Tapered
20-12	1 1/4-11	3/4-14
20-16	1 1/4-11	1-11
20-20	1 1/4-11	1 1/4-11
20-24	1 1/4-11	1 1/2-11
20-32	1 1/4-11	2-11
24-16	1 1/2-11	1-11
24-20	1 1/2-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
24-32	1 1/2-11	2-11
32-24	2-11	1 1/2-11
32-32	2-11	2-11
40-40	2 1/2-11	2 1/2-11
48-48	3-11	3-11

3544

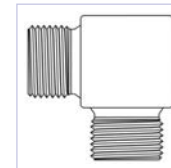
▼ continued

BSPP to BSPP Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male British Pipe Parallel	Male British Pipe Parallel
02-02	1/8-28	1/8-28
04-04	1/4-19	1/4-19
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
10-10	5/8-14	5/8-14
12-08	3/4-14	1/2-14
12-10	3/4-14	5/8-14
12-12	3/4-14	3/4-14
16-12	1-11	3/4-14
16-16	1-11	1-11
20-20	1 1/4-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-32	2-11	2-11

**3601**

AVAILABILITY

» Steel

JIC to BSPP Bent Tube Swivel Elbow 45°

SHAPE

45 degree elbow

Dash Size	Male JIC	Female British Pipe Parallel Swivel
04-04	7/16-20	1/4-19
06-06	9/16-18	3/8-19
08-08	3/4-16	1/2-14
10-10	7/8-14	5/8-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11

**3602**

AVAILABILITY

» Steel

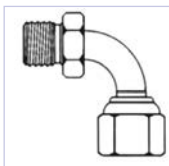
3620**AVAILABILITY**

» Steel

O-Ring to BSPP**SHAPE**

Straight

Dash Size	Male O-Ring	Male British Pipe Parallel
04-04	7/16-20	1/4-19
04-06	7/16-20	3/8-19
04-08	7/16-20	1/2-14
05-04	1/2-20	1/4-19
05-06	1/2-20	3/8-19
06-04	9/16-18	1/4-19
06-06	9/16-18	3/8-19
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-19
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
08-10	3/4-16	5/8-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-19
10-08	7/8-14	1/2-14
10-10	7/8-14	5/8-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11
16-20	1 5/16-12	1 1/4-11
20-16	1 5/8-12	1-11
20-20	1 5/8-12	1 1/4-11
20-24	1 5/8-12	1 1/2-11
24-20	1 7/8-12	1 1/4-11
24-24	1 7/8-12	1 1/2-11

3701**AVAILABILITY**

» Steel

BSPP to BSPP Swivel Elbow 90° Bent Tube**SHAPE**

90 degree elbow

Dash Size	Male British Pipe Parallel	Female British Pipe Parallel Swivel
04-04	1/4-19	1/4-19
06-06	3/8-19	3/8-19
08-08	1/2-14	1/2-14
10-10	5/8-14	5/8-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11
20-20	1 1/4-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-32	2-11	2-11

BSPP to BSPP Swivel Elbow 45° Bent Tube

SHAPE

45 degree elbow

Dash Size	Male British Pipe Parallel	Female British Pipe Parallel Swivel
04-04	1/4-19	1/4-19
06-06	3/8-19	3/8-19
08-08	1/2-14	1/2-14
10-10	5/8-14	5/8-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11
20-20	1 1/4-11	1 1/4-11



3702

AVAILABILITY

» Steel

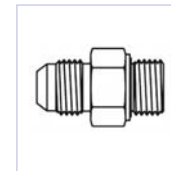
JIC to BSPP

For port sealing application be sure to also order a bonded seal washer (DS-BSP).

SHAPE

Straight

Dash Size	Male JIC	Male British Pipe Parallel
04-02	7/16-20	1/8-28
04-04	7/16-20	1/4-19
04-06	7/16-20	3/8-19
04-08	7/16-20	1/2-14
05-02	1/2-20	1/8-28
05-04	1/2-20	1/4-19
05-06	1/2-20	3/8-19
06-04	9/16-18	1/4-19
06-06	9/16-18	3/8-19
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-19
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-06	7/8-14	3/8-19
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-10	1 1/16-12	5/8-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11
14-12	1 3/16-12	3/4-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11
16-20	1 5/16-12	1 1/4-11
20-16	1 5/8-12	1-11
20-20	1 5/8-12	1 1/4-11
20-24	1 5/8-12	1 1/2-11
24-20	1 7/8-12	1 1/4-11
24-24	1 7/8-12	1 1/2-11

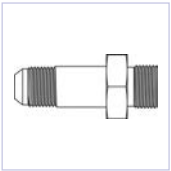


3800

AVAILABILITY

» Steel

3800-L



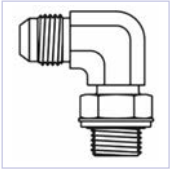
JIC to BSPP LONG

For port sealing application be sure to also order a bonded seal washer (DS-BSP).

SHAPE			Straight
Dash Size	Male JIC	Male British Pipe Parallel	
06-04	9/16-18	1/4-19	

AVAILABILITY
» Steel

3801



JIC to BSPP Elbow 90°

SHAPE			90 degree elbow
Dash Size	Male JIC	Male British Pipe Parallel	
04-02	7/16-20	1/8-28	
04-04	7/16-20	1/4-19	
04-06	7/16-20	3/8-19	
05-02	1/2-20	1/8-28	
05-04	1/2-20	1/4-19	
05-06	1/2-20	3/8-19	
06-04	9/16-18	1/4-19	
06-06	9/16-18	3/8-19	
06-08	9/16-18	1/2-14	
08-04	3/4-16	1/4-19	
08-06	3/4-16	3/8-19	
08-08	3/4-16	1/2-14	
08-12	3/4-16	3/4-14	
10-06	7/8-14	3/8-19	
10-08	7/8-14	1/2-14	
10-12	7/8-14	3/4-14	
12-08	1 1/16-12	1/2-14	
12-12	1 1/16-12	3/4-14	
12-16	1 1/16-12	1-11	
16-12	1 5/16-12	3/4-14	
16-16	1 5/16-12	1-11	
16-20	1 5/16-12	1 1/4-11	
20-16	1 5/8-12	1-11	
20-20	1 5/8-12	1 1/4-11	
24-24	1 7/8-12	1 1/2-11	

AVAILABILITY
Steel

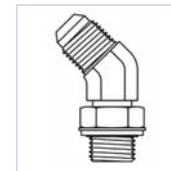
»

JIC to BSPP Elbow 45°

SHAPE

45 degree elbow

Dash Size	Male JIC	Male British Pipe Parallel
04-02	7/16-20	1/8-28
04-04	7/16-20	1/4-19
06-04	9/16-18	1/4-19
06-06	9/16-18	3/8-19
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11
20-20	1 5/8-12	1 1/4-11



3802

AVAILABILITY

» Steel

BSPP to BSPT Elbow 45°

SHAPE

45 degree elbow

Dash Size	Male British Pipe Parallel	Male British Pipe Tapered
04-02	1/4-19	1/8-28
04-04	1/4-19	1/4-19
04-06	1/4-19	3/8-19
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11



3807

AVAILABILITY

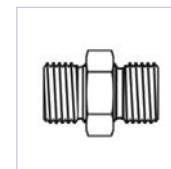
» Steel

BSPP to Metric

SHAPE

Straight

Dash Size	Male British Pipe Parallel	Male Metric
02-10X1.5	1/8-28	M10X1.5
02-12	1/8-28	M12X1.5
02-14	1/8-28	M14X1.5
04-10X1.5	1/4-19	M10X1.5
04-12	1/4-19	M12X1.5
04-14	1/4-19	M14X1.5
04-16	1/4-19	M16X1.5
04-18	1/4-19	M18X1.5
04-22	1/4-19	M22X1.5
06-12	3/8-19	M12X1.5
06-14	3/8-19	M14X1.5
06-16	3/8-19	M16X1.5
06-18	3/8-19	M18X1.5
06-20	3/8-19	M20X1.5
06-22	3/8-19	M22X1.5
08-12	1/2-14	M12X1.5
08-14	1/2-14	M14X1.5
08-16	1/2-14	M16X1.5



3810

AVAILABILITY

» Steel

▼ 3810 continues

BSPP Adapters

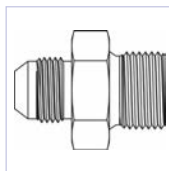
Metric Adapters & Fittings

3810

▼ continued

Dash Size	Male British Pipe Parallel	Male Metric
08-18	1/2-14	M18X1.5
08-20	1/2-14	M20X1.5
08-22	1/2-14	M22X1.5
08-24	1/2-14	M24X1.5
08-26	1/2-14	M26X1.5
10-20	5/8-14	M20X1.5
10-26	5/8-14	M26X1.5
12-16	3/4-14	M16X1.5
12-18	3/4-14	M18X1.5
12-20	3/4-14	M20X1.5
12-22	3/4-14	M22X1.5
12-24	3/4-14	M24X1.5
12-26	3/4-14	M26X1.5
12-30X1.5	3/4-14	M30X1.5
16-18	1-11	M18X1.5
16-22	1-11	M22X1.5
16-26	1-11	M26X1.5
16-28X1.5	1-11	M28X1.5
16-30X1.5	1-11	M30X1.5
16-36X1.5	1-11	M36X1.5
16-38X1.5	1-11	M38X1.5
20-30X1.5	1 1/4-11	M30X1.5
20-38X1.5	1 1/4-11	M38X1.5
24-38X1.5	1 1/2-11	M38X1.5
24-45X1.5	1 1/2-11	M45X1.5
32-45X1.5	2-11	M45X1.5
32-52X1.5	2-11	M52X1.5

3820



JIC to BSPP Dual Purpose

For port sealing application be sure to also order a bonded seal washer (DS-BSP).

SHAPE

Straight

Dash Size	Male JIC	Male British Pipe Parallel
04-02	7/16-20	1/8-28
04-04	7/16-20	1/4-19
04-06	7/16-20	3/8-19
04-08	7/16-20	1/2-14
04-12	7/16-20	3/4-14
05-02	1/2-20	1/8-28
05-04	1/2-20	1/4-19
05-06	1/2-20	3/8-19
05-08	1/2-20	1/2-14
06-02	9/16-18	1/8-28
06-04	9/16-18	1/4-19
06-06	9/16-18	3/8-19
06-08	9/16-18	1/2-14
06-10	9/16-18	5/8-14
06-12	9/16-18	3/4-14
08-04	3/4-16	1/4-19
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
08-10	3/4-16	5/8-14
08-12	3/4-16	3/4-14

Metric Adapters & Fittings

BSPP Adapters

Dash Size	Male JIC	Male British Pipe Parallel
08-16	3/4-16	1-11
10-04	7/8-14	1/4-19
10-06	7/8-14	3/8-19
10-08	7/8-14	1/2-14
10-10	7/8-14	5/8-14
10-12	7/8-14	3/4-14
10-16	7/8-14	1-11
12-04	1 1/16-12	1/4-19
12-06	1 1/16-12	3/8-19
12-08	1 1/16-12	1/2-14
12-10	1 1/16-12	5/8-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11
12-20	1 1/16-12	1 1/4-11
14-12	1 3/16-12	3/4-14
14-16	1 3/16-12	1-11
16-08	1 5/16-12	1/2-14
16-10	1 5/16-12	5/8-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11
16-20	1 5/16-12	1 1/4-11
16-24	1 5/16-12	1 1/2-11
20-12	1 5/8-12	3/4-14
20-16	1 5/8-12	1-11
20-20	1 5/8-12	1 1/4-11
20-24	1 5/8-12	1 1/2-11
24-16	1 7/8-12	1-11
24-20	1 7/8-12	1 1/4-11
24-24	1 7/8-12	1 1/2-11
24-32	1 7/8-12	2-11
32-16	2 1/2-12	1-11
32-20	2 1/2-12	1 1/4-11
32-24	2 1/2-12	1 1/2-11
32-32	2 1/2-12	2-11

3820

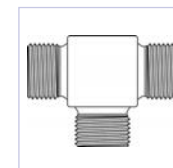
▼ continued

BSPP Tee

SHAPE

Tee

Dash Size	Male British Pipe Parallel	Male British Pipe Parallel	Male British Pipe Parallel
02-02-02	1/8-28	1/8-28	1/8-28
04-04-04	1/4-19	1/4-19	1/4-19
06-06-06	3/8-19	3/8-19	3/8-19
08-08-08	1/2-14	1/2-14	1/2-14
10-10-10	5/8-14	5/8-14	5/8-14
12-12-12	3/4-14	3/4-14	3/4-14
16-16-16	1-11	1-11	1-11
20-20-20	1 1/4-11	1 1/4-11	1 1/4-11
24-24-24	1 1/2-11	1 1/2-11	1 1/2-11
32-32-32	2-11	2-11	2-11

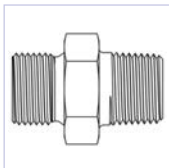


3823

AVAILABILITY

» Steel

3825



AVAILABILITY

» Steel

BSPP to Pipe

For port sealing application be sure to also order a bonded seal washer (DS-BSP).

SHAPE

Straight

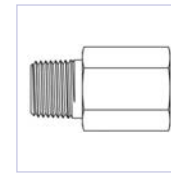
Dash Size	Male British Pipe Parallel	Male Pipe
02-02	1/8-28	1/8-27
02-04	1/8-28	1/4-18
04-02	1/4-19	1/8-27
04-04	1/4-19	1/4-18
04-06	1/4-19	3/8-18
04-08	1/4-19	1/2-14
06-02	3/8-19	1/8-27
06-04	3/8-19	1/4-18
06-06	3/8-19	3/8-18
06-08	3/8-19	1/2-14
06-12	3/8-19	3/4-14
06-16	3/8-19	1-11 1/2
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
08-16	1/2-14	1-11 1/2
10-08	5/8-14	1/2-14
10-12	5/8-14	3/4-14
12-04	3/4-14	1/4-18
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11 1/2
12-20	3/4-14	1 1/4-11 1/2
16-08	1-11	1/2-14
16-12	1-11	3/4-14
16-16	1-11	1-11 1/2
16-20	1-11	1 1/4-11 1/2
16-24	1-11	1 1/2-11 1/2
20-16	1 1/4-11	1-11 1/2
20-20	1 1/4-11	1 1/4-11 1/2
20-24	1 1/4-11	1 1/2-11 1/2
24-12	1 1/2-11	3/4-14
24-16	1 1/2-11	1-11 1/2
24-20	1 1/2-11	1 1/4-11 1/2
24-24	1 1/2-11	1 1/2-11 1/2
24-32	1 1/2-11	2-11 1/2
32-20	2-11	1 1/4-11 1/2
32-24	2-11	1 1/2-11 1/2
32-32	2-11	2-11 1/2
32-40	2-11	2 1/2-8
32-48	2-11	3-8
40-32	2 1/2-11	2-11 1/2
40-40	2 1/2-11	2 1/2-8
40-48	2 1/2-11	3-8
48-48	3-11	3-8

Pipe to BSPP

SHAPE

Straight

Dash Size	Male Pipe	Female British Pipe Parallel
02-02	1/8-27	1/8-28
04-02	1/4-18	1/8-28
04-04	1/4-18	1/4-19
04-06	1/4-18	3/8-19
06-04	3/8-18	1/4-19
06-06	3/8-18	3/8-19
08-04	1/2-14	1/4-19
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
12-06	3/4-14	3/8-19
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-06	1-11 1/2	3/8-19
16-08	1-11 1/2	1/2-14
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11
20-08	1 1/4-11 1/2	1/2-14
20-20	1 1/4-11 1/2	1 1/4-11
24-20	1 1/2-11 1/2	1 1/4-11
24-24	1 1/2-11 1/2	1 1/2-11
32-16	2-11 1/2	1-11
32-20	2-11 1/2	1 1/4-11
32-32	2-11 1/2	2-11
48-32	3-8	2-11
48-48	3-8	3-11



3826

AVAILABILITY

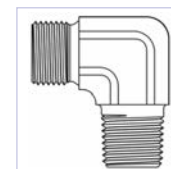
» Steel

BSPP to Pipe Elbow 90°

SHAPE

90 degree elbow

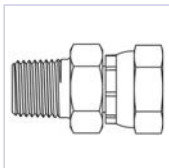
Dash Size	Male British Pipe Parallel	Male Pipe
02-02	1/8-28	1/8-27
04-04	1/4-19	1/4-18
06-06	3/8-19	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11 1/2



3828

AVAILABILITY

» Steel

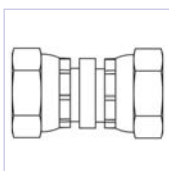
3832**AVAILABILITY**

» Steel

Pipe to BSPP Swivel**SHAPE**

Straight

Dash Size	Male Pipe	Female British Pipe Parallel Swivel
02-02	1/8-27	1/8-28
04-04	1/4-18	1/4-19
06-04	3/8-18	1/4-19
06-06	3/8-18	3/8-19
06-08	3/8-18	1/2-14
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11

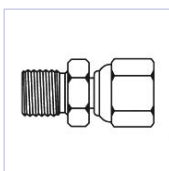
3835**AVAILABILITY**

» Steel

BSPP Swivel to JIC Swivel**SHAPE**

Straight

Dash Size	Female British Pipe Parallel Swivel	Female JIC Swivel
04-04	1/4-19	7/16-20
04-05	1/4-19	1/2-20
04-06	1/4-19	9/16-18
06-04	3/8-19	7/16-20
06-05	3/8-19	1/2-20
06-06	3/8-19	9/16-18
06-08	3/8-19	3/4-16
08-06	1/2-14	9/16-18
08-08	1/2-14	3/4-16
10-10	5/8-14	7/8-14
12-08	3/4-14	3/4-16
12-12	3/4-14	1 1/16-12
12-16	3/4-14	1 5/16-12
16-12	1-11	1 1/16-12
16-16	1-11	1 5/16-12
20-20	1 1/4-11	1 5/8-12

3840**AVAILABILITY**

» Steel

BSPP to BSPP Swivel**SHAPE**

Straight

Dash Size	Male British Pipe Parallel	Female British Pipe Parallel Swivel
02-02	1/8-28	1/8-28
02-04	1/8-28	1/4-19
04-02	1/4-19	1/8-28
04-04	1/4-19	1/4-19
04-06	1/4-19	3/8-19
04-08	1/4-19	1/2-14
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
06-08	3/8-19	1/2-14
06-12	3/8-19	3/4-14
08-04	1/2-14	1/4-19

Dash Size	Male British Pipe Parallel	Female British Pipe Parallel Swivel
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
08-10	1/2-14	5/8-14
08-12	1/2-14	3/4-14
08-16	1/2-14	1-11
10-08	5/8-14	1/2-14
10-10	5/8-14	5/8-14
10-12	5/8-14	3/4-14
12-06	3/4-14	3/8-19
12-08	3/4-14	1/2-14
12-10	3/4-14	5/8-14
12-12	3/4-14	3/4-14
12-16	3/4-14	1-11
12-20	3/4-14	1 1/4-11
16-08	1-11	1/2-14
16-10	1-11	5/8-14
16-12	1-11	3/4-14
16-16	1-11	1-11
16-20	1-11	1 1/4-11
20-12	1 1/4-11	3/4-14
20-16	1 1/4-11	1-11
20-20	1 1/4-11	1 1/4-11
20-24	1 1/4-11	1 1/2-11
24-16	1 1/2-11	1-11
24-20	1 1/2-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-32	2-11	2-11

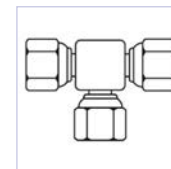
3840

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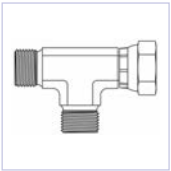
BSPP Swivel Union Tee**SHAPE**

Tee

Dash Size	Female British Pipe Parallel Swivel	Female British Pipe Parallel Swivel	Female British Pipe Parallel Swivel
02-02-02	1/8-28	1/8-28	1/8-28
04-04-04	1/4-19	1/4-19	1/4-19
06-06-06	3/8-19	3/8-19	3/8-19
08-08-08	1/2-14	1/2-14	1/2-14
10-10-10	5/8-14	5/8-14	5/8-14
12-12-12	3/4-14	3/4-14	3/4-14
16-16-16	1-11	1-11	1-11
20-20-20	1 1/4-11	1 1/4-11	1 1/4-11
24-24-24	1 1/2-11	1 1/2-11	1 1/2-11
32-32-32	2-11	2-11	2-11

**3853****AVAILABILITY**

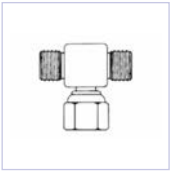
» Steel



BSPP Swivel Run Tee

AVAILABILITY
» Steel

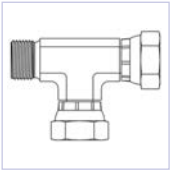
SHAPE				Tee
Dash Size	Male British Pipe Parallel	Female British Pipe Parallel Swivel	Male British Pipe Parallel	
02-02-02	1/8-28	1/8-28	1/8-28	
04-04-04	1/4-19	1/4-19	1/4-19	
06-06-06	3/8-19	3/8-19	3/8-19	
08-08-08	1/2-14	1/2-14	1/2-14	
10-10-10	5/8-14	5/8-14	5/8-14	
12-12-12	3/4-14	3/4-14	3/4-14	
16-16-16	1-11	1-11	1-11	
20-20-20	1 1/4-11	1 1/4-11	1 1/4-11	



BSPP Swivel Branch Tee

AVAILABILITY
» Steel

SHAPE				Tee
Dash Size	Male British Pipe Parallel	Male British Pipe Parallel	Female British Pipe Parallel Swivel	
02-02-02	1/8-28	1/8-28	1/8-28	
04-04-04	1/4-19	1/4-19	1/4-19	
06-06-06	3/8-19	3/8-19	3/8-19	
08-08-08	1/2-14	1/2-14	1/2-14	
10-10-10	5/8-14	5/8-14	5/8-14	
12-12-12	3/4-14	3/4-14	3/4-14	
16-16-16	1-11	1-11	1-11	
20-20-20	1 1/4-11	1 1/4-11	1 1/4-11	



BSPP Run Tee

AVAILABILITY
» Steel

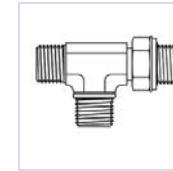
SHAPE				Tee
Dash Size	Male British Pipe Parallel	Female British Pipe Parallel Swivel	Female British Pipe Parallel Swivel	
02-02-02	1/8-28	1/8-28	1/8-28	
04-04-04	1/4-19	1/4-19	1/4-19	
06-06-06	3/8-19	3/8-19	3/8-19	
08-08-08	1/2-14	1/2-14	1/2-14	
10-10-10	5/8-14	5/8-14	5/8-14	
12-12-12	3/4-14	3/4-14	3/4-14	
16-16-16	1-11	1-11	1-11	
20-20-20	1 1/4-11	1 1/4-11	1 1/4-11	

BSPP Adjustable Run Tee

SHAPE

Tee

Dash Size	Male British Pipe Parallel	Male British Pipe Parallel	Male British Pipe Parallel
04-04-04	1/4-19	1/4-19	1/4-19
06-04-06	3/8-19	1/4-19	3/8-19
06-06-06	3/8-19	3/8-19	3/8-19
08-06-08	1/2-14	3/8-19	1/2-14
08-08-08	1/2-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14



3857

AVAILABILITY

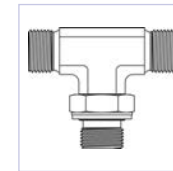
» Steel

BSPP Adjustable Branch Tee

SHAPE

Tee

Dash Size	Male British Pipe Parallel	Male British Pipe Parallel	Male British Pipe Parallel
04-04-04	1/4-19	1/4-19	1/4-19
06-06-04	3/8-19	3/8-19	1/4-19
06-06-06	3/8-19	3/8-19	3/8-19
08-08-06	1/2-14	1/2-14	3/8-19
08-08-08	1/2-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14



3858

AVAILABILITY

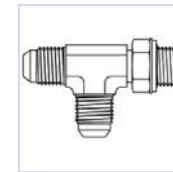
» Steel

JIC to BSPP Adjustable Run Tee

SHAPE

Tee

Dash Size	Male JIC	Male British Pipe Parallel	Male JIC
04-04-04	7/16-20	1/4-19	7/16-20
05-04-05	1/2-20	1/4-19	1/2-20
06-04-06	9/16-18	1/4-19	9/16-18
06-06-06	9/16-18	3/8-19	9/16-18
08-06-08	3/4-16	3/8-19	3/4-16
08-08-08	3/4-16	1/2-14	3/4-16
10-08-10	7/8-14	1/2-14	7/8-14
12-12-12	1 1/16-12	3/4-14	1 1/16-12
16-16-16	1 5/16-12	1-11	1 5/16-12



3859

AVAILABILITY

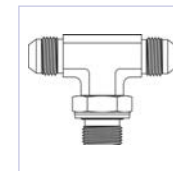
» Steel

JIC to BSPP Adjustable Branch Tee

SHAPE

Tee

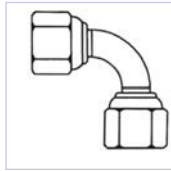
Dash Size	Male JIC	Male JIC	Male British Pipe Parallel
04-04-04	7/16-20	7/16-20	1/4-19
05-05-04	1/2-20	1/2-20	1/4-19
06-06-04	9/16-18	9/16-18	1/4-19
06-06-06	9/16-18	9/16-18	3/8-19
08-08-06	3/4-16	3/4-16	3/8-19
08-08-08	3/4-16	3/4-16	1/2-14
10-10-08	7/8-14	7/8-14	1/2-14
12-12-12	1 1/16-12	1 1/16-12	3/4-14
16-16-16	1 5/16-12	1 5/16-12	1-11



3860

AVAILABILITY

» Steel

3901**AVAILABILITY**

» Steel

BSPP Swivel Union Elbow 90° Bent Tube**SHAPE**

90 degree elbow

Dash Size	Female British Pipe Parallel Swivel	Female British Pipe Parallel Swivel
04-04	1/4-19	1/4-19
06-06	3/8-19	3/8-19
08-08	1/2-14	1/2-14
10-10	5/8-14	5/8-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11
20-20	1 1/4-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11

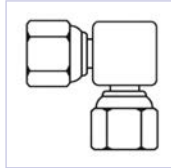
3903**AVAILABILITY**

» Steel

BSPP Swivel Union Elbow 45° Bent Tube**SHAPE**

45 degree elbow

Dash Size	Female British Pipe Parallel Swivel	Female British Pipe Parallel Swivel
04-04	1/4-19	1/4-19
06-06	3/8-19	3/8-19
08-08	1/2-14	1/2-14
10-10	5/8-14	5/8-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11
20-20	1 1/4-11	1 1/4-11

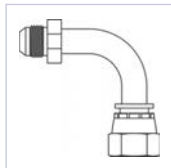
3904**AVAILABILITY**

» Steel

BSPP Swivel Union Elbow 90°**SHAPE**

90 degree elbow

Dash Size	Female British Pipe Parallel Swivel	Female British Pipe Parallel Swivel
02-02	1/8-28	1/8-28
04-04	1/4-19	1/4-19
06-06	3/8-19	3/8-19
08-08	1/2-14	1/2-14
10-10	5/8-14	5/8-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11
20-20	1 1/4-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-32	2-11	2-11

3905**AVAILABILITY**

» Steel

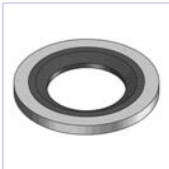
JIC to BSPP Swivel Elbow 90° Bent Tube**SHAPE**

90 degree elbow

Dash Size	Male JIC	Female British Pipe Parallel Swivel
04-04	7/16-20	1/4-19
06-06	9/16-18	3/8-19
08-08	3/4-16	1/2-14
10-10	7/8-14	5/8-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11

Bonded Seal for British Pipe

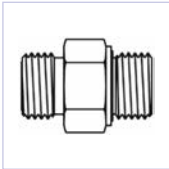
SHAPE		O-Ring
Dash Size		
02		
04		
06		
08		
10		
12		
16		
20		
24		
32		
40		
48		



AVAILABILITY
» Steel

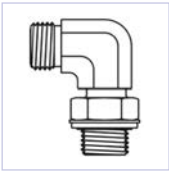
ORFS to BSPP

SHAPE			Straight
Dash Size	Male O-Ring Face Seal	Male British Pipe Parallel	
04-02	9/16-18	1/8-28	
04-04	9/16-18	1/4-19	
04-06	9/16-18	3/8-19	
06-04	11/16-16	1/4-19	
06-06	11/16-16	3/8-19	
06-08	11/16-16	1/2-14	
08-04	13/16-16	1/4-19	
08-06	13/16-16	3/8-19	
08-08	13/16-16	1/2-14	
08-12	13/16-16	3/4-14	
10-08	1-14	1/2-14	
12-08	1 3/16-12	1/2-14	
12-12	1 3/16-12	3/4-14	
12-16	1 3/16-12	1-11	
16-12	1 7/16-12	3/4-14	
16-16	1 7/16-12	1-11	
16-20	1 7/16-12	1 1/4-11	
20-16	1 11/16-12	1-11	
20-20	1 11/16-12	1 1/4-11	
24-24	2-12	1 1/2-11	



AVAILABILITY
» Steel

FF3801



AVAILABILITY
» Steel

ORFS to BSPP Elbow 90°

SHAPE			90 degree elbow
Dash Size	Male O-Ring Face Seal	Male British Pipe Parallel	
04-02	9/16-18	1/8-28	
04-04	9/16-18	1/4-19	
04-06	9/16-18	3/8-19	
06-04	11/16-16	1/4-19	
06-06	11/16-16	3/8-19	
06-08	11/16-16	1/2-14	
08-04	13/16-16	1/4-19	
08-06	13/16-16	3/8-19	
08-08	13/16-16	1/2-14	
10-08	1-14	1/2-14	
12-08	1 3/16-12	1/2-14	
12-12	1 3/16-12	3/4-14	
12-16	1 3/16-12	1-11	
16-12	1 7/16-12	3/4-14	
16-16	1 7/16-12	1-11	
16-20	1 7/16-12	1 1/4-11	
20-16	1 11/16-12	1-11	
20-20	1 11/16-12	1 1/4-11	
24-24	2-12	1 1/2-11	

FF3802

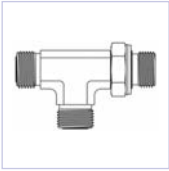


AVAILABILITY
» Steel

ORFS to BSPP Elbow 45°

SHAPE			45 degree elbow
Dash Size	Male O-Ring Face Seal	Male British Pipe Parallel	
04-02	9/16-18	1/8-28	
04-04	9/16-18	1/4-19	
06-04	11/16-16	1/4-19	
06-06	11/16-16	3/8-19	
08-06	13/16-16	3/8-19	
08-08	13/16-16	1/2-14	
10-08	1-14	1/2-14	

FF3859



AVAILABILITY
» Steel

ORFS to BSPP Run Tee

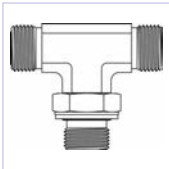
SHAPE				Tee
Dash Size	Male O-Ring Face Seal	Male British Pipe Parallel	Male O-Ring Face Seal	
06-04-06	11/16-16	1/4-19	11/16-16	
06-06-06	11/16-16	3/8-19	11/16-16	
08-06-08	13/16-16	3/8-19	13/16-16	
08-08-08	13/16-16	1/2-14	13/16-16	
10-08-10	1-14	1/2-14	1-14	
12-12-12	1 3/16-12	3/4-14	1 3/16-12	
12-16-12	1 3/16-12	1-11	1 3/16-12	
16-16-16	1 7/16-12	1-11	1 7/16-12	

ORFS to BSPP Branch Tee

SHAPE

Tee

Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal	Male British Pipe Parallel
04-04-02	9/16-18	9/16-18	1/8-28
04-04-04	9/16-18	9/16-18	1/4-19
06-06-04	11/16-16	11/16-16	1/4-19
06-06-06	11/16-16	11/16-16	3/8-19
08-08-06	13/16-16	13/16-16	3/8-19
08-08-08	13/16-16	13/16-16	1/2-14
10-10-08	1-14	1-14	1/2-14



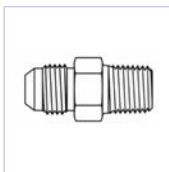
FF3860

AVAILABILITY
» Steel



BSPT Adapters

3404



AVAILABILITY

» Steel

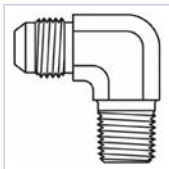
JIC to BSPT

SHAPE

Straight

Dash Size	Male JIC	Male British Pipe Tapered
04-02	7/16-20	1/8-28
04-04	7/16-20	1/4-19
04-06	7/16-20	3/8-19
05-02	1/2-20	1/8-28
05-04	1/2-20	1/4-19
05-06	1/2-20	3/8-19
06-02	9/16-18	1/8-28
06-04	9/16-18	1/4-19
06-06	9/16-18	3/8-19
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-19
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
08-16	3/4-16	1-11
10-06	7/8-14	3/8-19
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11
14-12	1 3/16-12	3/4-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11
16-20	1 5/16-12	1 1/4-11
20-16	1 5/8-12	1-11
20-20	1 5/8-12	1 1/4-11
20-24	1 5/8-12	1 1/2-11
24-24	1 7/8-12	1 1/2-11
24-32	1 7/8-12	2-11
32-32	2 1/2-12	2-11

3501



AVAILABILITY

» Steel

JIC to BSPT Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male JIC	Male British Pipe Tapered
04-02	7/16-20	1/8-28
04-04	7/16-20	1/4-19
05-02	1/2-20	1/8-28
05-04	1/2-20	1/4-19
06-04	9/16-18	1/4-19
06-06	9/16-18	3/8-19
06-08	9/16-18	1/2-14
08-04	3/4-16	1/4-19
08-06	3/4-16	3/8-19

Dash Size	Male JIC	Male British Pipe Tapered
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-12	1/2-14
12-12	1 1/16-12	3/4-14
12-16	1 1/16-12	1-11
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11
20-16	1 5/8-12	1-11
20-20	1 5/8-12	1 1/4-11
24-24	1 7/8-12	1 1/2-11
32-32	2 1/2-12	2-11

3501

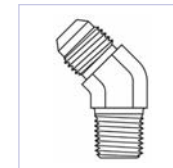
▼ continued

JIC to BSPT Elbow 45°

SHAPE

45 degree elbow

Dash Size	Male JIC	Male British Pipe Tapered
04-02	7/16-20	1/8-28
04-04	7/16-20	1/4-19
06-04	9/16-18	1/4-19
06-06	9/16-18	3/8-19
08-06	3/4-16	3/8-19
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
16-12	1 5/16-12	3/4-14
16-16	1 5/16-12	1-11
20-20	1 5/8-12	1 1/4-11

**3503**

AVAILABILITY

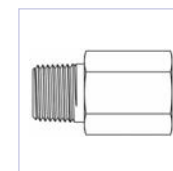
» Steel

BSPT Reducer Bushing

SHAPE

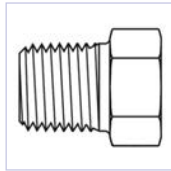
Straight

Dash Size	Male British Pipe Tapered	Female British Pipe Tapered
04-02	1/4-19	1/8-28
06-02	3/8-19	1/8-28
06-04	3/8-19	1/4-19
08-04	1/2-14	1/4-19
08-06	1/2-14	3/8-19
12-06	3/4-14	3/8-19
12-08	3/4-14	1/2-14
16-08	1-11	1/2-14
16-12	1-11	3/4-14

**3506**

AVAILABILITY

» Steel

3508**BSPT Plug**

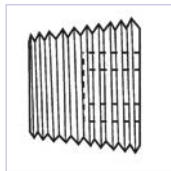
SHAPE

Plug

Dash Size	Male British Pipe Tapered
02	1/8-28
04	1/4-19
06	3/8-19
08	1/2-14
10	5/8-14
12	3/4-14
16	1-11
20	1 1/4-11
24	1 1/2-11
32	2-11

AVAILABILITY

» Steel

3508-HHP**BSPT Countersunk Plug**

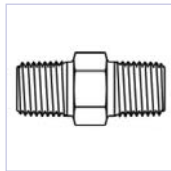
SHAPE

Plug

Dash Size	Male British Pipe Tapered
02	1/8-28
04	1/4-19
06	3/8-19
08	1/2-14
12	3/4-14
16	1-11

AVAILABILITY

» Steel

3520**BSPT Hex Nipple**

SHAPE

Straight

Dash Size	Male British Pipe Tapered	Male British Pipe Tapered
02-02	1/8-28	1/8-28
04-02	1/4-19	1/8-28
04-04	1/4-19	1/4-19
06-02	3/8-19	1/8-28
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
08-04	1/2-14	1/4-19
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
10-10	5/8-14	5/8-14
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-12	1-11	3/4-14
16-16	1-11	1-11
20-16	1 1/4-11	1-11
20-20	1 1/4-11	1 1/4-11
24-24	1 1/2-11	1 1/2-11
32-32	2-11	2-11
40-40	2 1/2-11	2 1/2-11
48-48	3-11	3-11

AVAILABILITY

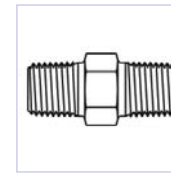
» Steel

BSPT to Pipe

SHAPE

Straight

Dash Size	Male British Pipe Tapered	Male Pipe
02-02	1/8-28	1/8-27
04-02	1/4-19	1/8-27
04-04	1/4-19	1/4-18
04-06	1/4-19	3/8-18
06-04	3/8-19	1/4-18
06-06	3/8-19	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11 1/2
20-20	1 1/4-11	1 1/4-11 1/2
24-24	1 1/2-11	1 1/2-11 1/2
32-32	2-11	2-11 1/2
40-40	2 1/2-11	2 1/2-8
48-48	3-11	3-8



3524

AVAILABILITY

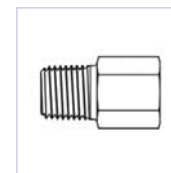
» Steel

BSPT to BSPP

SHAPE

Straight

Dash Size	Male British Pipe Tapered	Female British Pipe Parallel
04-02	1/4-19	1/8-28
04-04	1/4-19	1/4-19
06-02	3/8-19	1/8-28
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
08-08	1/2-14	1/2-14
12-04	3/4-14	1/4-19
12-06	3/4-14	3/8-19
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-08	1-11	1/2-14
16-12	1-11	3/4-14
16-16	1-11	1-11
20-16	1 1/4-11	1-11
20-20	1 1/4-11	1 1/4-11
24-20	1 1/2-11	1 1/4-11



3545

AVAILABILITY

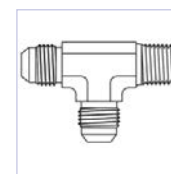
» Steel

JIC to BSPT Run Tee

SHAPE

Tee

Dash Size	Male JIC	Male British Pipe Tapered	Male JIC
06-04-06	9/16-18	1/4-19	9/16-18
08-06-08	3/4-16	3/8-19	3/4-16
10-08-10	7/8-14	1/2-14	7/8-14
12-12-12	1 1/16-12	3/4-14	1 1/16-12

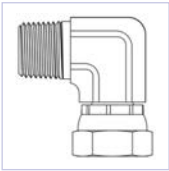


3656

AVAILABILITY

» Steel

3827



BSPT to BSPP Swivel Elbow 90°

SHAPE			90 degree elbow
Dash Size	Male British Pipe Tapered	Female British Pipe Parallel Swivel	
02-02	1/8-28	1/8-28	
04-04	1/4-19	1/4-19	
06-06	3/8-19	3/8-19	
08-08	1/2-14	1/2-14	
12-12	3/4-14	3/4-14	
16-16	1-11	1-11	

AVAILABILITY

Steel

»

Metric Adapters

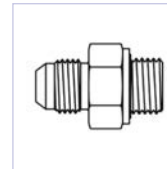
JIC to Metric

For port sealing application, be sure to also order a bonded seal washer (DS-MM).

SHAPE

Straight

Dash Size	Male JIC	Male Metric
04-10	7/16-20	M10X1.0
04-12	7/16-20	M12X1.5
04-14	7/16-20	M14X1.5
04-18	7/16-20	M18X1.5
05-12	1/2-20	M12X1.5
05-14	1/2-20	M14X1.5
05-16	1/2-20	M16X1.5
06-12	9/16-18	M12X1.5
06-12X1.25	9/16-18	M12X1.25
06-14	9/16-18	M14X1.5
06-16	9/16-18	M16X1.5
06-18	9/16-18	M18X1.5
08-14	3/4-16	M14X1.5
08-16	3/4-16	M16X1.5
08-18	3/4-16	M18X1.5
08-22	3/4-16	M22X1.5
10-16	7/8-14	M16X1.5
10-18	7/8-14	M18X1.5
10-20	7/8-14	M20X1.5
10-22	7/8-14	M22X1.5
12-18	1 1/16-12	M18X1.5
12-22	1 1/16-12	M22X1.5
12-26	1 1/16-12	M26X1.5
12-27	1 1/16-12	M27X2.0
12-27X1.5	1 1/16-12	M27X1.5
14-26	1 3/16-12	M26X1.5
16-27	1 5/16-12	M27X2.0
16-33	1 5/16-12	M33X2.0
20-33	1 5/8-12	M33X2.0
20-42	1 5/8-12	M42X2.0
24-48	1 7/8-12	M48X2.0



7400

AVAILABILITY

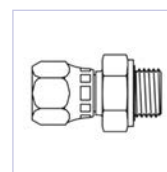
» Steel

JIC to Metric

SHAPE

Straight

Dash Size	Female JIC Swivel	Male Metric
04-10	7/16-20	M10X1.0
04-12	7/16-20	M12X1.5
05-12	1/2-20	M12X1.5
06-14	9/16-18	M14X1.5
06-16	9/16-18	M16X1.5
06-18	9/16-18	M18X1.5
06-20	9/16-18	M20X1.5
06-22	9/16-18	M22X1.5



7402

AVAILABILITY

» Steel

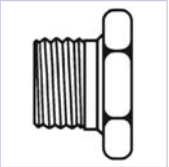
▼ 7402 continues

7402

▼ continued

Dash Size	Female JIC Swivel	Male Metric
08-16	3/4-16	M16X1.5
08-18	3/4-16	M18X1.5
08-20	3/4-16	M20X1.5
08-22	3/4-16	M22X1.5
10-16	7/8-14	M16X1.5
10-18	7/8-14	M18X1.5
10-20	7/8-14	M20X1.5
10-22	7/8-14	M22X1.5
12-27	1 1/16-12	M27X2.0
16-33	1 5/16-12	M33X2.0

7408



AVAILABILITY

» Steel

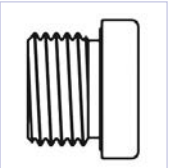
Metric Hex Head Plug

SHAPE

Plug

Dash Size	Male Metric
08	M8X1.0
10	M10X1.0
10X1.5	M10X1.5
12	M12X1.5
12X1.0	M12X1.0
14	M14X1.5
16	M16X1.5
18	M18X1.5
20	M20X1.5
22	M22X1.5
24	M24X1.5
26	M26X1.5
30	M30X1.5

7408-HHP



AVAILABILITY

» Steel

Metric Hollow Hex Plug

SHAPE

Plug

Dash Size	Male Metric
08	M8X1.0
10	M10X1.0
12	M12X1.5
14	M14X1.5
16	M16X1.5
18	M18X1.5
20	M20X1.5
22	M22X1.5
24	M24X1.5
26	M26X1.5
27	M27X2.0
30	M30X2.0
33	M33X2.0
42	M42X2.0

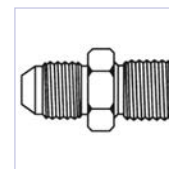
JIC to Metric Dual Purpose

For port sealing application be sure to also order a bonded seal washer (DS-MM).

SHAPE

Straight

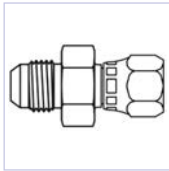
Dash Size	Male JIC	Male Metric Compression
04-LL06-10	7/16-20	LL06 (10x1.0)
04-LL08-12	7/16-20	LL08 (12x1.0)
06-LL08-12	9/16-18	LL08 (12x1.0)
04-L06-12	7/16-20	L06 (12x1.5)
04-L08-14	7/16-20	L08 (14x1.5)
04-L12-18	7/16-20	L12 (18x1.5)
06-L08-14	9/16-18	L08 (14x1.5)
06-L10-16	9/16-18	L10 (16x1.5)
06-L12-18	9/16-18	L12 (18x1.5)
08-L10-16	3/4-16	L10 (16x1.5)
08-L12-18	3/4-16	L12 (18x1.5)
08-L15-22	3/4-16	L15 (22x1.5)
10-L12-18	7/8-14	L12 (18x1.5)
10-L15-22	7/8-14	L15 (22x1.5)
10-L18-26	7/8-14	L18 (26x1.5)
12-L15-22	1 1/16-12	L15 (22x1.5)
12-L18-26	1 1/16-12	L18 (26x1.5)
12-L22-30X1.5	1 1/16-12	L22 (30x1.5)
12-L22-30X2.0	1 1/16-12	L22 (30x2.0)
16-L22-30X1.5	1 5/16-12	L22 (30x1.5)
16-L28-36	1 5/16-12	L28 (36x2.0)
20-L35-45	1 5/8-12	L35 (45x2.0)
24-L42-52	1 7/8-12	L42 (52x2.0)
04-S06-14	7/16-20	S06 (14x1.5)
04-S08-16	7/16-20	S08 (16x1.5)
04-S10-18	7/16-20	S10 (18x1.5)
06-S08-16	9/16-18	S08 (16x1.5)
06-S10-18	9/16-18	S10 (18x1.5)
06-S12-20	9/16-18	S12 (20x1.5)
06-S14-22	9/16-18	S14 (22x1.5)
08-S10-18	3/4-16	S10 (18x1.5)
08-S12-20	3/4-16	S12 (20x1.5)
08-S14-22	3/4-16	S14 (22x1.5)
08-S16-24	3/4-16	S16 (24x1.5)
10-S12-20	7/8-14	S12 (20x1.5)
10-S16-24	7/8-14	S16 (24x1.5)
12-S16-24	1 1/16-12	S16 (24x1.5)
12-S20-30	1 1/16-12	S20 (30x2.0)
12-S25-36	1 1/16-12	S25 (36x2.0)
16-S20-30	1 5/16-12	S20 (30x2.0)
16-S25-36	1 5/16-12	S25 (36x2.0)
16-S30-42	1 5/16-12	S30 (42x2.0)
20-S30-42	1 5/8-12	S30 (42x2.0)
20-S38-52	1 5/8-12	S38 (52x2.0)
24-S38-52	1 7/8-12	S38 (52x2.0)



7420

AVAILABILITY

» Steel

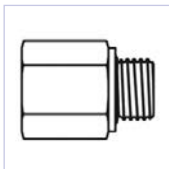
7430**AVAILABILITY**

» Steel

JIC to Metric Swivel**SHAPE**

Straight

Dash Size	Male JIC	Female Metric Compression
04-L06-12	7/16-20	L06 (12x1.5)
04-L08-14	7/16-20	L08 (14x1.5)
05-L06-12	1/2-20	L06 (12x1.5)
06-L08-14	9/16-18	L08 (14x1.5)
06-L10-16	9/16-18	L10 (16x1.5)
06-L12-18	9/16-18	L12 (18x1.5)
06-L15-22	9/16-18	L15 (22x1.5)
08-L10-16	3/4-16	L10 (16x1.5)
08-L12-18	3/4-16	L12 (18x1.5)
08-L15-22	3/4-16	L15 (22x1.5)
10-L12-18	7/8-14	L12 (18x1.5)
10-L15-22	7/8-14	L15 (22x1.5)
06-S12-20	9/16-18	S12 (20x1.5)
08-S12-20	3/4-16	S12 (20x1.5)
10-S12-20	7/8-14	S12 (20x1.5)

7455**AVAILABILITY**

» Steel

Pipe to Metric**SHAPE**

Straight

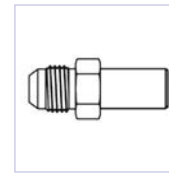
Dash Size	Female Pipe	Male Metric
02-06	1/8-27	M6X1.0
02-08	1/8-27	M8X1.0
02-10	1/8-27	M10X1.0
02-10X1.5	1/8-27	M10X1.5
02-12	1/8-27	M12X1.5
02-14	1/8-27	M14X1.5
04-10	1/4-18	M10X1.0
04-12	1/4-18	M12X1.5
04-14	1/4-18	M14X1.5
04-16	1/4-18	M16X1.5
04-18	1/4-18	M18X1.5
04-20	1/4-18	M20X1.5
06-12	3/8-18	M12X1.5
06-14	3/8-18	M14X1.5
06-16	3/8-18	M16X1.5
06-18	3/8-18	M18X1.5
06-20	3/8-18	M20X1.5
06-22	3/8-18	M22X1.5
08-16	1/2-14	M16X1.5
08-18	1/2-14	M18X1.5
08-20	1/2-14	M20X1.5
08-22	1/2-14	M22X1.5
12-22	3/4-14	M22X1.5
12-24	3/4-14	M24X1.5
12-26	3/4-14	M26X1.5
12-27	3/4-14	M27X2.0
16-33	1-11 1/2	M33X2.0

JIC to Metric Standpipe

SHAPE

Straight

Dash Size	Male JIC	Metric Standpipe
04-04	7/16-20	4mm
04-06	7/16-20	6mm
04-08	7/16-20	8mm
04-10	7/16-20	10mm
05-12	1/2-20	12mm
06-08	9/16-18	8mm
06-10	9/16-18	10mm
06-12	9/16-18	12mm
06-14	9/16-18	14mm
08-10	3/4-16	10mm
08-12	3/4-16	12mm
08-14	3/4-16	14mm
08-15	3/4-16	15mm
08-16	3/4-16	16mm
10-16	7/8-14	16mm
10-18	7/8-14	18mm
10-20	7/8-14	20mm
12-16	1 1/16-12	16mm
12-18	1 1/16-12	18mm
12-20	1 1/16-12	20mm
12-22	1 1/16-12	22mm
12-25	1 1/16-12	25mm
16-20	1 5/16-12	20mm
16-25	1 5/16-12	25mm
16-28	1 5/16-12	28mm
16-30	1 5/16-12	30mm
20-35	1 5/8-12	35mm
20-38	1 5/8-12	38mm
24-35	1 7/8-12	35mm
24-38	1 7/8-12	38mm
24-42	1 7/8-12	42mm



7625

AVAILABILITY

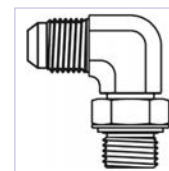
» Steel

JIC to Metric Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male JIC	Male Metric
04-10	7/16-20	M10X1.0
04-12	7/16-20	M12X1.5
04-14	7/16-20	M14X1.5
05-10	1/2-20	M10X1.0
05-12	1/2-20	M12X1.5
05-14	1/2-20	M14X1.5
06-12	9/16-18	M12X1.5
06-14	9/16-18	M14X1.5
06-16	9/16-18	M16X1.5
06-18	9/16-18	M18X1.5
08-16	3/4-16	M16X1.5
08-18	3/4-16	M18X1.5
08-22	3/4-16	M22X1.5
10-18	7/8-14	M18X1.5



7801

AVAILABILITY

» Steel

▼ 7801 continues

7801

▼ continued

Dash Size	Male JIC	Male Metric
10-20	7/8-14	M20X1.5
10-22	7/8-14	M22X1.5
12-22	1 1/16-12	M22X1.5
12-26	1 1/16-12	M26X1.5
12-27	1 1/16-12	M27X2.0
14-26	1 3/16-12	M26X1.5
16-27	1 5/16-12	M27X2.0
16-33	1 5/16-12	M33X2.0
20-42	1 5/8-12	M42X2.0
24-48	1 7/8-12	M48X2.0

7802

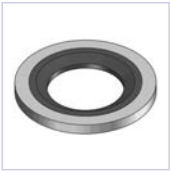


JIC to Metric Elbow 45°

SHAPE45 degree elbow

Dash Size	Male JIC	Male Metric
04-10	7/16-20	M10X1.0
06-14	9/16-18	M14X1.5
06-16	9/16-18	M16X1.5
08-16	3/4-16	M16X1.5
08-18	3/4-16	M18X1.5
10-18	7/8-14	M18X1.5
10-22	7/8-14	M22X1.5
12-22	1 1/16-12	M22X1.5
12-27	1 1/16-12	M27X2.0
16-27	1 5/16-12	M27X2.0
16-33	1 5/16-12	M33X2.0

DS-MM



Bonded Seal for Metric Parallel Thread

SHAPEO-Ring

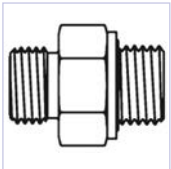
Dash Size
06
08
10
12
14
16
18
20
22
24
26
27
30
33
36
42
45
50
52

ORFS to Metric

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Male Metric
04-10	9/16-18	M10X1.0
04-12	9/16-18	M12X1.5
06-12	11/16-16	M12X1.5
06-14	11/16-16	M14X1.5
06-16	11/16-16	M16X1.5
08-16	13/16-16	M16X1.5
08-18	13/16-16	M18X1.5
08-22	13/16-16	M22X1.5
10-18	1-14	M18X1.5
10-22	1-14	M22X1.5
12-22	1 3/16-12	M22X1.5
12-26	1 3/16-12	M26X1.5
12-27	1 3/16-12	M27X2.0
16-27	1 7/16-12	M27X2.0
16-33	1 7/16-12	M33X2.0



FF7400

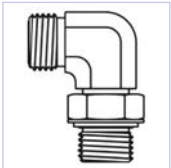
AVAILABILITY
» Steel

ORFS to Metric Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Male Metric
04-10	9/16-18	M10X1.0
04-12	9/16-18	M12X1.5
06-14	11/16-16	M14X1.5
06-16	11/16-16	M16X1.5
08-16	13/16-16	M16X1.5
08-18	13/16-16	M18X1.5
10-18	1-14	M18X1.5
10-22	1-14	M22X1.5
12-27	1 3/16-12	M27X2.0
16-33	1 7/16-12	M33X2.0
20-33	1 11/16-12	M33X2.0

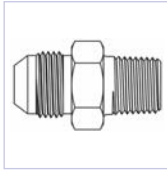


FF7801

AVAILABILITY
» Steel

30° Seat Adapters

3223



AVAILABILITY

» Steel

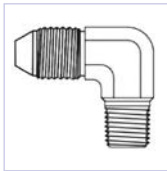
JIS to BSPT

SHAPE

Straight

Dash Size	Male JIS	Male British Pipe Tapered
04-02	1/4-19	1/8-28
04-04	1/4-19	1/4-19
04-06	1/4-19	3/8-19
06-04	3/8-19	1/4-19
06-06	3/8-19	3/8-19
08-06	1/2-14	3/8-19
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11

3224



AVAILABILITY

» Steel

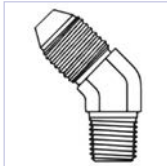
JIS to BSPT 90°

SHAPE

90 degree elbow

Dash Size	Male JIS	Male British Pipe Tapered
04-04	1/4-19	1/4-19
06-06	3/8-19	3/8-19
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11

3225



AVAILABILITY

» Steel

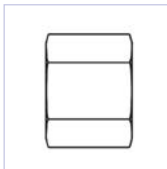
JIS to BSPT 45°

SHAPE

45 degree elbow

Dash Size	Male JIS	Male British Pipe Tapered
04-04	1/4-19	1/4-19
06-06	3/8-19	3/8-19
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11	1-11

3861



AVAILABILITY

» Steel

JIS Cap (30° Seat BSPP Thread)

SHAPE

Cap

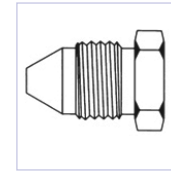
Dash Size	Female JIS
04	1/4-19
06	3/8-19
08	1/2-14
12	3/4-14
16	1-11
20	1 1/4-11
24	1 1/2-11
32	2-11

JIS Plug (30° Seat BSPP Thread)

SHAPE

Plug

Dash Size	Male JIS
04	1/4-19
06	3/8-19
08	1/2-14
12	3/4-14
16	1-11
20	1 1/4-11
24	1 1/2-11
32	2-11

**3862**

AVAILABILITY

» Steel

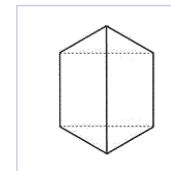
JIS Sealing Seat

Used to convert a chamfered male BSPP to JIS

SHAPE

Straight

Dash Size	Male JIS
04	1/4-19
06	3/8-19
08	1/2-14
12	3/4-14
16	1-11
20	1 1/4-11
24	1 1/2-11

**3863**

AVAILABILITY

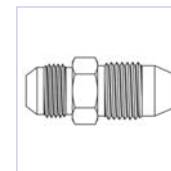
» Steel

JIC - JIS (30° Seat BSPP Thread)

SHAPE

Straight

Dash Size	Male JIC	Male JIS
04-04	7/16-20	1/4-19
06-06	9/16-18	3/8-19
08-08	3/4-16	1/2-14
12-12	1 1/16-12	3/4-14

**3864**

AVAILABILITY

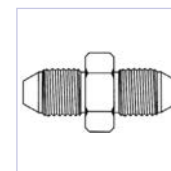
» Steel

JIS Union (30° Seat BSPP Thread)

SHAPE

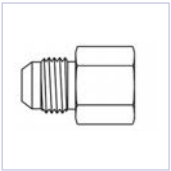
Straight

Dash Size	Male JIS	Male JIS
04-04	1/4-19	1/4-19
06-06	3/8-19	3/8-19
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14

**3866**

AVAILABILITY

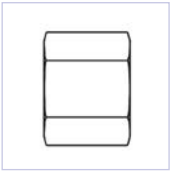
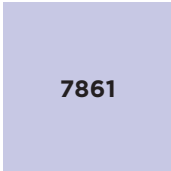
» Steel



AVAILABILITY
» Steel

JIC - JIS Solid (30° Seat BSPP Thread)

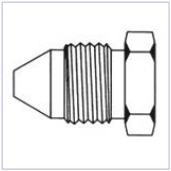
SHAPE			Straight
Dash Size	Male JIC	Female JIS	
04-04	7/16-20	1/4-19	
06-04	9/16-18	1/4-19	
06-06	9/16-18	3/8-19	
08-06	3/4-16	3/8-19	
08-08	3/4-16	1/2-14	
12-12	1 1/16-12	3/4-14	
16-16	1 5/16-12	1-11	
20-20	1 5/8-12	1 1/4-11	
24-24	1 7/8-12	1 1/2-11	
32-32	2 1/2-12	2-11	



AVAILABILITY
» Steel

Komatsu Cap (30° Seat Metric Thread)

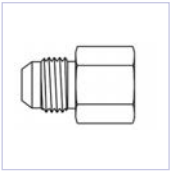
SHAPE		Cap
Dash Size	Female Komatsu	
14	M14X1.5	
18	M18X1.5	
22	M22X1.5	
24	M24X1.5	
30	M30X1.5	
33	M33X1.5	



AVAILABILITY
» Steel

Komatsu Plug (30° Seat Metric Thread)

SHAPE		Plug
Dash Size	Male Komatsu	
14	M14X1.5	
18	M18X1.5	
22	M22X1.5	
24	M24X1.5	
30	M30X1.5	
33	M33X1.5	



AVAILABILITY
» Steel

JIC - Komatsu (30° Seat Metric Thread)

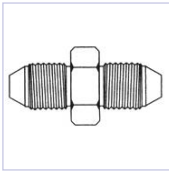
SHAPE			Straight
Dash Size	Male JIC	Female Komatsu	
04-14	7/16-20	M14X1.5	
06-18	9/16-18	M18X1.5	
08-22	3/4-16	M22X1.5	
10-24	7/8-14	M24X1.5	
12-30	1 1/16-12	M30X1.5	
16-33	1 5/16-12	M33X1.5	

Komatsu Union (30° Seat Metric Thread)

SHAPE

Straight

Dash Size	Male Komatsu	Male Komatsu
14-14	M14X1.5	M14X1.5
18-18	M18X1.5	M18X1.5
22-22	M22X1.5	M22X1.5
24-24	M24X1.5	M24X1.5
30-30	M30X1.5	M30X1.5
33-33	M33X1.5	M33X1.5



7868

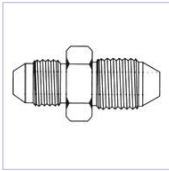
AVAILABILITY
» Steel

JIC - Komatsu (30° Seat Metric Thread)

SHAPE

Straight

Dash Size	Male JIC	Male Komatsu
04-14	7/16-20	M14X1.5
06-16	9/16-18	M16X1.5
06-18	9/16-18	M18X1.5
08-22	3/4-16	M22X1.5
10-24	7/8-14	M24X1.5
12-30	1 1/16-12	M30X1.5
16-33	1 5/16-12	M33X1.5



7869

AVAILABILITY
» Steel

Metric Compression Fittings

MC6000



AVAILABILITY

» Steel

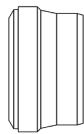
Metric Compression Coupling Nut

SHAPE

Nut

Dash Size	Female Metric Compression
LL04	LL04 (8x1.0)
LL06	LL06 (10x1.0)
LL08	LL08 (12x1.0)
L06	L06 (12x1.5)
L08	L08 (14x1.5)
L10	L10 (16x1.5)
L12	L12 (18x1.5)
L15	L15 (22x1.5)
L18	L18 (26x1.5)
L22	L22 (30x2.0)
L28	L28 (36x2.0)
L35	L35 (45x2.0)
L42	L42 (52x2.0)
S06	S06 (14x1.5)
S08	S08 (16x1.5)
S10	S10 (18x1.5)
S12	S12 (20x1.5)
S14	S14 (22x1.5)
S16	S16 (24x1.5)
S20	S20 (30x2.0)
S25	S25 (36x2.0)
S30	S30 (42x2.0)
S38	S38 (52x2.0)

MC6001



AVAILABILITY

» Steel

Metric Compression Bite Ring

SHAPE

Ferrule

Dash Size	Metric Compression Bite Ring
LL04	4mm
LL06	6mm
LL08	8mm
L06	6mm
L08	8mm
L10	10mm
L12	12mm
L15	15mm
L18	18mm
L22	22mm
L28	28mm
L35	35mm
L42	42mm
S06	6mm
S08	8mm
S10	10mm
S12	12mm

Dash Size	Metric Compression Bite Ring
S14	14mm
S16	16mm
S20	20mm
S25	25mm
S30	30mm
S38	38mm

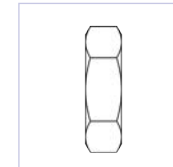
MC6001
▼ continued

Metric Compression Bulkhead Nut

SHAPE

Nut

Dash Size	Female Metric Compression
L06	L06 (12x1.5)
L08	L08 (14x1.5)
L10	L10 (16x1.5)
L12	L12 (18x1.5)
L15	L15 (22x1.5)
L18	L18 (26x1.5)
L22	L22 (30x2.0)
L28	L28 (36x2.0)
L35	L35 (45x2.0)
L42	L42 (52x2.0)
S06	S06 (14x1.5)
S08	S08 (16x1.5)
S10	S10 (18x1.5)
S12	S12 (20x1.5)
S14	S14 (22x1.5)
S16	S16 (24x1.5)
S20	S20 (30x2.0)
S25	S25 (36x2.0)
S30	S30 (42x2.0)
S38	S38 (52x2.0)



MC6002

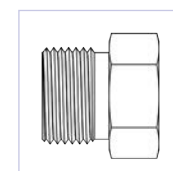
AVAILABILITY
» Steel

Metric Compression Tube Plug

SHAPE

Plug

Dash Size	Male Metric Compression
L06	L06 (12x1.5)
L08	L08 (14x1.5)
L10	L10 (16x1.5)
L12	L12 (18x1.5)
L15	L15 (22x1.5)
L18	L18 (26x1.5)
L22	L22 (30x2.0)
L28	L28 (36x2.0)
L35	L35 (45x2.0)
L42	L42 (52x2.0)
S06	S06 (14x1.5)
S08	S08 (16x1.5)
S10	S10 (18x1.5)
S12	S12 (20x1.5)
S14	S14 (22x1.5)



MC6003

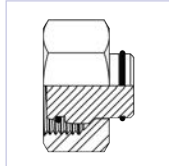
AVAILABILITY
» Steel

▼ MC6003 continues

MC6003

▼ continued

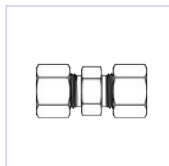
Dash Size	Male Metric Compression
S16	S16 (24x1.5)
S20	S20 (30x2.0)
S25	S25 (36x2.0)
S30	S30 (42x2.0)
S38	S38 (52x2.0)

MC6004**Metric Compression Tube Cap**

SHAPE

Cap

Dash Size	Female Metric Compression
L06	L06 (12x1.5)
L08	L08 (14x1.5)
L10	L10 (16x1.5)
L12	L12 (18x1.5)
L15	L15 (22x1.5)
L18	L18 (26x1.5)
L22	L22 (30x2.0)
L28	L28 (36x2.0)
L35	L35 (45x2.0)
L42	L42 (52x2.0)
S06	S06 (14x1.5)
S08	S08 (16x1.5)
S10	S10 (18x1.5)
S12	S12 (20x1.5)
S14	S14 (22x1.5)
S16	S16 (24x1.5)
S20	S20 (30x2.0)
S25	S25 (36x2.0)
S30	S30 (42x2.0)
S38	S38 (52x2.0)

MC6020**Metric Compression Union Straight**

SHAPE

Straight

Dash Size	Male Metric Compression	Male Metric Compression
LL04-LL04	LL04 (8x1.0)	LL04 (8x1.0)
LL06-LL06	LL06 (10x1.0)	LL06 (10x1.0)
LL08-LL08	LL08 (12x1.0)	LL08 (12x1.0)
L06-L06	L06 (12x1.5)	L06 (12x1.5)
L08-L08	L08 (14x1.5)	L08 (14x1.5)
L10-L10	L10 (16x1.5)	L10 (16x1.5)
L12-L12	L12 (18x1.5)	L12 (18x1.5)
L15-L15	L15 (22x1.5)	L15 (22x1.5)
L18-L18	L18 (26x1.5)	L18 (26x1.5)
L22-L22	L22 (30x2.0)	L22 (30x2.0)
L28-L28	L28 (36x2.0)	L28 (36x2.0)
L35-L35	L35 (45x2.0)	L35 (45x2.0)
L42-L42	L42 (52x2.0)	L42 (52x2.0)
S06-S06	S06 (14x1.5)	S06 (14x1.5)
S08-S08	S08 (16x1.5)	S08 (16x1.5)
S10-S10	S10 (18x1.5)	S10 (18x1.5)

Dash Size	Male Metric Compression	Male Metric Compression
S12-S12	S12 (20x1.5)	S12 (20x1.5)
S14-S14	S14 (22x1.5)	S14 (22x1.5)
S16-S16	S16 (24x1.5)	S16 (24x1.5)
S20-S20	S20 (30x2.0)	S20 (30x2.0)
S25-S25	S25 (36x2.0)	S25 (36x2.0)
S30-S30	S30 (42x2.0)	S30 (42x2.0)
S38-S38	S38 (52x2.0)	S38 (52x2.0)

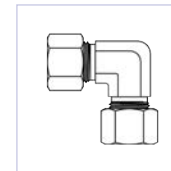
MC6020
▼ continued

Metric Compression Union Elbow 90°

SHAPE

90 degree elbow

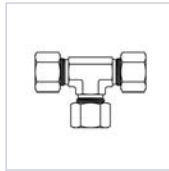
Dash Size	Male Metric Compression	Male Metric Compression
LL04-LL04	LL04 (8x1.0)	LL04 (8x1.0)
LL06-LL06	LL06 (10x1.0)	LL06 (10x1.0)
LL08-LL08	LL08 (12x1.0)	LL08 (12x1.0)
L06-L06	L06 (12x1.5)	L06 (12x1.5)
L08-L08	L08 (14x1.5)	L08 (14x1.5)
L10-L10	L10 (16x1.5)	L10 (16x1.5)
L12-L12	L12 (18x1.5)	L12 (18x1.5)
L15-L15	L15 (22x1.5)	L15 (22x1.5)
L18-L18	L18 (26x1.5)	L18 (26x1.5)
L22-L22	L22 (30x2.0)	L22 (30x2.0)
L28-L28	L28 (36x2.0)	L28 (36x2.0)
L35-L35	L35 (45x2.0)	L35 (45x2.0)
L42-L42	L42 (52x2.0)	L42 (52x2.0)
S06-S06	S06 (14x1.5)	S06 (14x1.5)
S08-S08	S08 (16x1.5)	S08 (16x1.5)
S10-S10	S10 (18x1.5)	S10 (18x1.5)
S12-S12	S12 (20x1.5)	S12 (20x1.5)
S14-S14	S14 (22x1.5)	S14 (22x1.5)
S16-S16	S16 (24x1.5)	S16 (24x1.5)
S20-S20	S20 (30x2.0)	S20 (30x2.0)
S25-S25	S25 (36x2.0)	S25 (36x2.0)
S30-S30	S30 (42x2.0)	S30 (42x2.0)
S38-S38	S38 (52x2.0)	S38 (52x2.0)



MC6021

AVAILABILITY
» Steel

MC6022



AVAILABILITY

» Steel

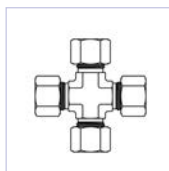
Metric Compression Union Tee

SHAPE

Tee

Dash Size	Male Metric Compression	Male Metric Compression	Male Metric Compression
LL04-LL04-LL04	LL04 (8x1.0)	LL04 (8x1.0)	LL04 (8x1.0)
LL06-LL06-LL06	LL06 (10x1.0)	LL06 (10x1.0)	LL06 (10x1.0)
LL08-LL08-LL08	LL08 (12x1.0)	LL08 (12x1.0)	LL08 (12x1.0)
L06-L06-L06	L06 (12x1.5)	L06 (12x1.5)	L06 (12x1.5)
L08-L08-L08	L08 (14x1.5)	L08 (14x1.5)	L08 (14x1.5)
L10-L10-L10	L10 (16x1.5)	L10 (16x1.5)	L10 (16x1.5)
L12-L12-L12	L12 (18x1.5)	L12 (18x1.5)	L12 (18x1.5)
L15-L15-L15	L15 (22x1.5)	L15 (22x1.5)	L15 (22x1.5)
L18-L18-L18	L18 (26x1.5)	L18 (26x1.5)	L18 (26x1.5)
L22-L22-L22	L22 (30x2.0)	L22 (30x2.0)	L22 (30x2.0)
L28-L28-L28	L28 (36x2.0)	L28 (36x2.0)	L28 (36x2.0)
L35-L35-L35	L35 (45x2.0)	L35 (45x2.0)	L35 (45x2.0)
L42-L42-L42	L42 (52x2.0)	L42 (52x2.0)	L42 (52x2.0)
S06-S06-S06	S06 (14x1.5)	S06 (14x1.5)	S06 (14x1.5)
S08-S08-S08	S08 (16x1.5)	S08 (16x1.5)	S08 (16x1.5)
S10-S10-S10	S10 (18x1.5)	S10 (18x1.5)	S10 (18x1.5)
S12-S12-S12	S12 (20x1.5)	S12 (20x1.5)	S12 (20x1.5)
S14-S14-S14	S14 (22x1.5)	S14 (22x1.5)	S14 (22x1.5)
S16-S16-S16	S16 (24x1.5)	S16 (24x1.5)	S16 (24x1.5)
S20-S20-S20	S20 (30x2.0)	S20 (30x2.0)	S20 (30x2.0)
S25-S25-S25	S25 (36x2.0)	S25 (36x2.0)	S25 (36x2.0)
S30-S30-S30	S30 (42x2.0)	S30 (42x2.0)	S30 (42x2.0)
S38-S38-S38	S38 (52x2.0)	S38 (52x2.0)	S38 (52x2.0)

MC6023



AVAILABILITY

» Steel

Metric Compression Union Cross

SHAPE

Cross

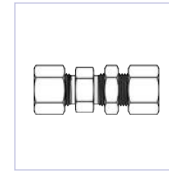
Dash Size	Male Metric Compression	Male Metric Compression	Male Metric Compression	Male Metric Compression
L06-L06-L06-L06	L06 (12x1.5)	L06 (12x1.5)	L06 (12x1.5)	L06 (12x1.5)
L08-L08-L08-L08	L08 (14x1.5)	L08 (14x1.5)	L08 (14x1.5)	L08 (14x1.5)
L10-L10-L10-L10	L10 (16x1.5)	L10 (16x1.5)	L10 (16x1.5)	L10 (16x1.5)
L12-L12-L12-L12	L12 (18x1.5)	L12 (18x1.5)	L12 (18x1.5)	L12 (18x1.5)
L15-L15-L15-L15	L15 (22x1.5)	L15 (22x1.5)	L15 (22x1.5)	L15 (22x1.5)
L18-L18-L18-L18	L18 (26x1.5)	L18 (26x1.5)	L18 (26x1.5)	L18 (26x1.5)
L22-L22-L22-L22	L22 (30x2.0)	L22 (30x2.0)	L22 (30x2.0)	L22 (30x2.0)
L28-L28-L28-L28	L28 (36x2.0)	L28 (36x2.0)	L28 (36x2.0)	L28 (36x2.0)
L35-L35-L35-L35	L35 (45x2.0)	L35 (45x2.0)	L35 (45x2.0)	L35 (45x2.0)
L42-L42-L42-L42	L42 (52x2.0)	L42 (52x2.0)	L42 (52x2.0)	L42 (52x2.0)
S06-S06-S06-S06	S06 (14x1.5)	S06 (14x1.5)	S06 (14x1.5)	S06 (14x1.5)
S08-S08-S08-S08	S08 (16x1.5)	S08 (16x1.5)	S08 (16x1.5)	S08 (16x1.5)
S10-S10-S10-S10	S10 (18x1.5)	S10 (18x1.5)	S10 (18x1.5)	S10 (18x1.5)
S12-S12-S12-S12	S12 (20x1.5)	S12 (20x1.5)	S12 (20x1.5)	S12 (20x1.5)
S14-S14-S14-S14	S14 (22x1.5)	S14 (22x1.5)	S14 (22x1.5)	S14 (22x1.5)
S16-S16-S16-S16	S16 (24x1.5)	S16 (24x1.5)	S16 (24x1.5)	S16 (24x1.5)
S20-S20-S20-S20	S20 (30x2.0)	S20 (30x2.0)	S20 (30x2.0)	S20 (30x2.0)
S25-S25-S25-S25	S25 (36x2.0)	S25 (36x2.0)	S25 (36x2.0)	S25 (36x2.0)
S30-S30-S30-S30	S30 (42x2.0)	S30 (42x2.0)	S30 (42x2.0)	S30 (42x2.0)
S38-S38-S38-S38	S38 (52x2.0)	S38 (52x2.0)	S38 (52x2.0)	S38 (52x2.0)

Metric Compression Union Bulkhead

SHAPE

Straight

Dash Size	Male Metric Compression	Male Metric Compression
L06-L06	L06 (12x1.5)	L06 (12x1.5)
L08-L08	L08 (14x1.5)	L08 (14x1.5)
L10-L10	L10 (16x1.5)	L10 (16x1.5)
L12-L12	L12 (18x1.5)	L12 (18x1.5)
L15-L15	L15 (22x1.5)	L15 (22x1.5)
L18-L18	L18 (26x1.5)	L18 (26x1.5)
L22-L22	L22 (30x2.0)	L22 (30x2.0)
L28-L28	L28 (36x2.0)	L28 (36x2.0)
L35-L35	L35 (45x2.0)	L35 (45x2.0)
L42-L42	L42 (52x2.0)	L42 (52x2.0)
S06-S06	S06 (14x1.5)	S06 (14x1.5)
S08-S08	S08 (16x1.5)	S08 (16x1.5)
S10-S10	S10 (18x1.5)	S10 (18x1.5)
S12-S12	S12 (20x1.5)	S12 (20x1.5)
S14-S14	S14 (22x1.5)	S14 (22x1.5)
S16-S16	S16 (24x1.5)	S16 (24x1.5)
S20-S20	S20 (30x2.0)	S20 (30x2.0)
S25-S25	S25 (36x2.0)	S25 (36x2.0)
S30-S30	S30 (42x2.0)	S30 (42x2.0)
S38-S38	S38 (52x2.0)	S38 (52x2.0)



MC6026

AVAILABILITY

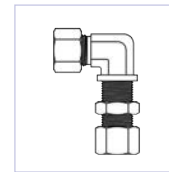
» Steel

Metric Compression Union Bulkhead Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male Metric Compression	Male Metric Compression
L06-L06	L06 (12x1.5)	L06 (12x1.5)
L08-L08	L08 (14x1.5)	L08 (14x1.5)
L10-L10	L10 (16x1.5)	L10 (16x1.5)
L12-L12	L12 (18x1.5)	L12 (18x1.5)
L15-L15	L15 (22x1.5)	L15 (22x1.5)
L18-L18	L18 (26x1.5)	L18 (26x1.5)
L22-L22	L22 (30x2.0)	L22 (30x2.0)
L28-L28	L28 (36x2.0)	L28 (36x2.0)
L35-L35	L35 (45x2.0)	L35 (45x2.0)
L42-L42	L42 (52x2.0)	L42 (52x2.0)
S06-S06	S06 (14x1.5)	S06 (14x1.5)
S08-S08	S08 (16x1.5)	S08 (16x1.5)
S10-S10	S10 (18x1.5)	S10 (18x1.5)
S12-S12	S12 (20x1.5)	S12 (20x1.5)
S14-S14	S14 (22x1.5)	S14 (22x1.5)
S16-S16	S16 (24x1.5)	S16 (24x1.5)
S20-S20	S20 (30x2.0)	S20 (30x2.0)
S25-S25	S25 (36x2.0)	S25 (36x2.0)
S30-S30	S30 (42x2.0)	S30 (42x2.0)
S38-S38	S38 (52x2.0)	S38 (52x2.0)

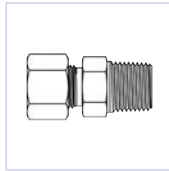


MC6027

AVAILABILITY

» Steel

MC6050



AVAILABILITY

» Steel

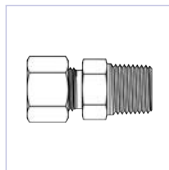
Metric Compression Male Stud Coupling - BSPT

SHAPE

Straight

Dash Size	Male Metric Compression	Male British Pipe Tapered
LL04-02	LL04 (8x1.0)	1/8-28
LL06-02	LL06 (10x1.0)	1/8-28
LL08-02	LL08 (12x1.0)	1/8-28
L06-02	L06 (12x1.5)	1/8-28
L08-04	L08 (14x1.5)	1/4-19
L10-04	L10 (16x1.5)	1/4-19
L12-06	L12 (18x1.5)	3/8-19
L12-08	L12 (18x1.5)	1/2-14
L15-08	L15 (22x1.5)	1/2-14
L18-08	L18 (26x1.5)	1/2-14
L22-12	L22 (30x2.0)	3/4-14
S06-04	S06 (14x1.5)	1/4-19
S08-04	S08 (16x1.5)	1/4-19
S10-06	S10 (18x1.5)	3/8-19
S12-06	S12 (20x1.5)	3/8-19
S14-08	S14 (22x1.5)	1/2-14
S16-08	S16 (24x1.5)	1/2-14
S20-12	S20 (30x2.0)	3/4-14

MC6051



AVAILABILITY

» Steel

Metric Compression Male Stud Coupling - NPT

SHAPE

Straight

Dash Size	Male Metric Compression	Male Pipe
LL04-02	LL04 (8x1.0)	1/8-27
LL06-02	LL06 (10x1.0)	1/8-27
LL08-02	LL08 (12x1.0)	1/8-27
L06-02	L06 (12x1.5)	1/8-27
L06-04	L06 (12x1.5)	1/4-18
L06-06	L06 (12x1.5)	3/8-18
L06-08	L06 (12x1.5)	1/2-14
L08-02	L08 (14x1.5)	1/8-27
L08-04	L08 (14x1.5)	1/4-18
L08-06	L08 (14x1.5)	3/8-18
L08-08	L08 (14x1.5)	1/2-14
L10-02	L10 (16x1.5)	1/8-27
L10-04	L10 (16x1.5)	1/4-18
L10-06	L10 (16x1.5)	3/8-18
L10-08	L10 (16x1.5)	1/2-14
L10-12	L10 (16x1.5)	3/4-14
L12-04	L12 (18x1.5)	1/4-18
L12-06	L12 (18x1.5)	3/8-18
L12-08	L12 (18x1.5)	1/2-14
L15-06	L15 (22x1.5)	3/8-18
L15-08	L15 (22x1.5)	1/2-14
L15-12	L15 (22x1.5)	3/4-14
L18-06	L18 (26x1.5)	3/8-18
L18-08	L18 (26x1.5)	1/2-14
L18-12	L18 (26x1.5)	3/4-14
L18-16	L18 (26x1.5)	1-11 1/2

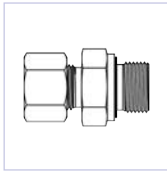
Metric Adapters & Fittings

Metric Compression Fittings

Dash Size	Male Metric Compression	Male Pipe
L22-06	L22 (30x2.0)	3/8-18
L22-08	L22 (30x2.0)	1/2-14
L22-12	L22 (30x2.0)	3/4-14
L22-16	L22 (30x2.0)	1-11 1/2
L28-12	L28 (36x2.0)	3/4-14
L28-16	L28 (36x2.0)	1-11 1/2
L28-20	L28 (36x2.0)	1 1/4-11 1/2
L35-20	L35 (45x2.0)	1 1/4-11 1/2
L42-20	L42 (52x2.0)	1 1/4-11 1/2
L42-24	L42 (52x2.0)	1 1/2-11 1/2
S06-02	S06 (14x1.5)	1/8-27
S06-04	S06 (14x1.5)	1/4-18
S06-06	S06 (14x1.5)	3/8-18
S06-08	S06 (14x1.5)	1/2-14
S08-04	S08 (16x1.5)	1/4-18
S08-06	S08 (16x1.5)	3/8-18
S08-08	S08 (16x1.5)	1/2-14
S10-04	S10 (18x1.5)	1/4-18
S10-06	S10 (18x1.5)	3/8-18
S10-08	S10 (18x1.5)	1/2-14
S10-12	S10 (18x1.5)	3/4-14
S12-04	S12 (20x1.5)	1/4-18
S12-06	S12 (20x1.5)	3/8-18
S12-08	S12 (20x1.5)	1/2-14
S12-12	S12 (20x1.5)	3/4-14
S14-08	S14 (22x1.5)	1/2-14
S16-06	S16 (24x1.5)	3/8-18
S16-08	S16 (24x1.5)	1/2-14
S16-12	S16 (24x1.5)	3/4-14
S16-16	S16 (24x1.5)	1-11 1/2
S20-08	S20 (30x2.0)	1/2-14
S20-12	S20 (30x2.0)	3/4-14
S20-16	S20 (30x2.0)	1-11 1/2
S25-12	S25 (36x2.0)	3/4-14
S25-16	S25 (36x2.0)	1-11 1/2
S25-20	S25 (36x2.0)	1 1/4-11 1/2
S25-24	S25 (36x2.0)	1 1/2-11 1/2
S30-16	S30 (42x2.0)	1-11 1/2
S30-20	S30 (42x2.0)	1 1/4-11 1/2
S30-24	S30 (42x2.0)	1 1/2-11 1/2
S38-16	S38 (52x2.0)	1-11 1/2
S38-24	S38 (52x2.0)	1 1/2-11 1/2

MC6051
▼ continued

MC6052



Metric Compression Male Stud Coupling - BSPP (with captive seal)

SHAPE

Straight

AVAILABILITY

» Steel

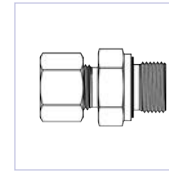
Dash Size	Male Metric Compression	Male British Pipe Parallel
L06-02	L06 (12x1.5)	1/8-28
L06-04	L06 (12x1.5)	1/4-19
L08-02	L08 (14x1.5)	1/8-28
L08-04	L08 (14x1.5)	1/4-19
L08-06	L08 (14x1.5)	3/8-19
L08-08	L08 (14x1.5)	1/2-14
L10-04	L10 (16x1.5)	1/4-19
L10-06	L10 (16x1.5)	3/8-19
L10-08	L10 (16x1.5)	1/2-14
L12-04	L12 (18x1.5)	1/4-19
L12-06	L12 (18x1.5)	3/8-19
L12-08	L12 (18x1.5)	1/2-14
L12-12	L12 (18x1.5)	3/4-14
L15-06	L15 (22x1.5)	3/8-19
L15-08	L15 (22x1.5)	1/2-14
L15-12	L15 (22x1.5)	3/4-14
L18-06	L18 (26x1.5)	3/8-19
L18-08	L18 (26x1.5)	1/2-14
L18-12	L18 (26x1.5)	3/4-14
L22-08	L22 (30x2.0)	1/2-14
L22-12	L22 (30x2.0)	3/4-14
L22-16	L22 (30x2.0)	1-11
L28-12	L28 (36x2.0)	3/4-14
L28-16	L28 (36x2.0)	1-11
L35-16	L35 (45x2.0)	1-11
L35-20	L35 (45x2.0)	1 1/4-11
L42-24	L42 (52x2.0)	1 1/2-11
S06-04	S06 (14x1.5)	1/4-19
S06-08	S06 (14x1.5)	1/2-14
S08-04	S08 (16x1.5)	1/4-19
S08-06	S08 (16x1.5)	3/8-19
S10-04	S10 (18x1.5)	1/4-19
S10-06	S10 (18x1.5)	3/8-19
S10-08	S10 (18x1.5)	1/2-14
S12-04	S12 (20x1.5)	1/4-19
S12-06	S12 (20x1.5)	3/8-19
S12-08	S12 (20x1.5)	1/2-14
S14-08	S14 (22x1.5)	1/2-14
S16-06	S16 (24x1.5)	3/8-19
S16-08	S16 (24x1.5)	1/2-14
S16-12	S16 (24x1.5)	3/4-14
S20-08	S20 (30x2.0)	1/2-14
S20-12	S20 (30x2.0)	3/4-14
S25-08	S25 (36x2.0)	1/2-14
S25-12	S25 (36x2.0)	3/4-14
S25-16	S25 (36x2.0)	1-11
S30-16	S30 (42x2.0)	1-11
S30-20	S30 (42x2.0)	1 1/4-11
S38-20	S38 (52x2.0)	1 1/4-11
S38-24	S38 (52x2.0)	1 1/2-11

Metric Compression Male Stud Coupling - Metric (with captive seal)

SHAPE

Straight

Dash Size	Male Metric Compression	Male Metric
L06-10	L06 (12x1.5)	M10X1.0
L06-12	L06 (12x1.5)	M12X1.5
L08-12	L08 (14x1.5)	M12X1.5
L08-14	L08 (14x1.5)	M14X1.5
L08-16	L08 (14x1.5)	M16X1.5
L08-18	L08 (14x1.5)	M18X1.5
L08-22	L08 (14x1.5)	M22X1.5
L10-14	L10 (16x1.5)	M14X1.5
L10-16	L10 (16x1.5)	M16X1.5
L10-18	L10 (16x1.5)	M18X1.5
L10-22	L10 (16x1.5)	M22X1.5
L12-14	L12 (18x1.5)	M14X1.5
L12-16	L12 (18x1.5)	M16X1.5
L12-18	L12 (18x1.5)	M18X1.5
L12-22	L12 (18x1.5)	M22X1.5
L15-16	L15 (22x1.5)	M16X1.5
L15-18	L15 (22x1.5)	M18X1.5
L15-22	L15 (22x1.5)	M22X1.5
L18-18	L18 (26x1.5)	M18X1.5
L18-22	L18 (26x1.5)	M22X1.5
L22-22	L22 (30x2.0)	M22X1.5
L22-26	L22 (30x2.0)	M26X1.5
L28-33	L28 (36x2.0)	M33X2.0
L35-42	L35 (45x2.0)	M42X2.0
L42-48	L42 (52x2.0)	M48X2.0
S06-12	S06 (14x1.5)	M12X1.5
S08-14	S08 (16x1.5)	M14X1.5
S10-16	S10 (18x1.5)	M16X1.5
S12-18	S12 (20x1.5)	M18X1.5
S12-22	S12 (20x1.5)	M22X1.5
S14-20	S14 (22x1.5)	M20X1.5
S16-22	S16 (24x1.5)	M22X1.5
S20-27	S20 (30x2.0)	M27X2.0
S25-33	S25 (36x2.0)	M33X2.0
S30-42	S30 (42x2.0)	M42X2.0
S38-48	S38 (52x2.0)	M48X2.0



MC6053

AVAILABILITY

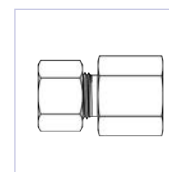
» Steel

Metric Compression Female Stud Coupling - BSPP

SHAPE

Straight

Dash Size	Male Metric Compression	Female British Pipe Parallel
L06-02	L06 (12x1.5)	1/8-28
L06-04	L06 (12x1.5)	1/4-19
L08-04	L08 (14x1.5)	1/4-19
L08-06	L08 (14x1.5)	3/8-19
L08-08	L08 (14x1.5)	1/2-14
L10-04	L10 (16x1.5)	1/4-19
L10-06	L10 (16x1.5)	3/8-19



MC6062

AVAILABILITY

» Steel

▼ MC6062 continues

Metric Compression Fittings

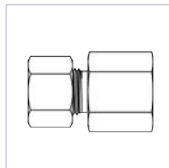
Metric Adapters & Fittings

MC6062

▼ continued

Dash Size	Male Metric Compression	Female British Pipe Parallel
L10-08	L10 (16x1.5)	1/2-14
L12-06	L12 (18x1.5)	3/8-19
L12-08	L12 (18x1.5)	1/2-14
L15-06	L15 (22x1.5)	3/8-19
L15-08	L15 (22x1.5)	1/2-14
L18-06	L18 (26x1.5)	3/8-19
L18-08	L18 (26x1.5)	1/2-14
L18-12	L18 (26x1.5)	3/4-14
L22-12	L22 (30x2.0)	3/4-14
L22-16	L22 (30x2.0)	1-11
L28-16	L28 (36x2.0)	1-11
L35-20	L35 (45x2.0)	1 1/4-11
L42-24	L42 (52x2.0)	1 1/2-11
S06-04	S06 (14x1.5)	1/4-19
S08-04	S08 (16x1.5)	1/4-19
S10-06	S10 (18x1.5)	3/8-19
S10-08	S10 (18x1.5)	1/2-14
S12-06	S12 (20x1.5)	3/8-19
S12-08	S12 (20x1.5)	1/2-14
S14-08	S14 (22x1.5)	1/2-14
S16-08	S16 (24x1.5)	1/2-14
S20-12	S20 (30x2.0)	3/4-14
S25-16	S25 (36x2.0)	1-11
S30-20	S30 (42x2.0)	1 1/4-11
S38-24	S38 (52x2.0)	1 1/2-11

MC6063



Metric Compression Female Stud Coupling - Metric

SHAPE

Straight

Dash Size	Male Metric Compression	Female Metric
L06-10	L06 (12x1.5)	M10X1.0
L08-12	L08 (14x1.5)	M12X1.5
L08-14	L08 (14x1.5)	M14X1.5
L10-12	L10 (16x1.5)	M12X1.5
L10-14	L10 (16x1.5)	M14X1.5
L12-16	L12 (18x1.5)	M16X1.5
L15-18	L15 (22x1.5)	M18X1.5
L18-22	L18 (26x1.5)	M22X1.5
L22-26	L22 (30x2.0)	M26X1.5
L28-33	L28 (36x2.0)	M33X2.0
S06-12	S06 (14x1.5)	M12X1.5
S08-14	S08 (16x1.5)	M14X1.5
S10-16	S10 (18x1.5)	M16X1.5
S12-18	S12 (20x1.5)	M18X1.5
S14-20	S14 (22x1.5)	M20X1.5
S16-22	S16 (24x1.5)	M22X1.5
S20-27	S20 (30x2.0)	M27X2.0
S25-33	S25 (36x2.0)	M33X2.0

AVAILABILITY

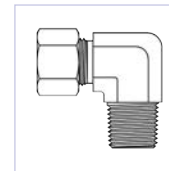
» Steel

Metric Compression Male Stud Elbow 90° - BSPT

SHAPE

90 degree elbow

Dash Size	Male Metric Compression	Male British Pipe Tapered
LL04-02	LL04 (8x1.0)	1/8-28
LL06-02	LL06 (10x1.0)	1/8-28
LL08-02	LL08 (12x1.0)	1/8-28
L06-02	L06 (12x1.5)	1/8-28
L08-04	L08 (14x1.5)	1/4-19
L08-06	L08 (14x1.5)	3/8-19
L10-04	L10 (16x1.5)	1/4-19
L12-04	L12 (18x1.5)	1/4-19
L12-06	L12 (18x1.5)	3/8-19
L15-08	L15 (22x1.5)	1/2-14
L18-08	L18 (26x1.5)	1/2-14
S06-04	S06 (14x1.5)	1/4-19
S08-04	S08 (16x1.5)	1/4-19
S10-06	S10 (18x1.5)	3/8-19
S12-06	S12 (20x1.5)	3/8-19
S14-08	S14 (22x1.5)	1/2-14
S16-08	S16 (24x1.5)	1/2-14



MC6070

AVAILABILITY

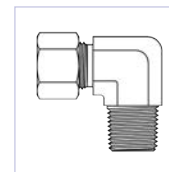
» Steel

Metric Compression Male Stud Elbow 90° - NPT

SHAPE

90 degree elbow

Dash Size	Male Metric Compression	Male Pipe
LL04-02	LL04 (8x1.0)	1/8-27
LL06-02	LL06 (10x1.0)	1/8-27
LL08-02	LL08 (12x1.0)	1/8-27
L06-02	L06 (12x1.5)	1/8-27
L06-04	L06 (12x1.5)	1/4-18
L08-04	L08 (14x1.5)	1/4-18
L10-04	L10 (16x1.5)	1/4-18
L10-06	L10 (16x1.5)	3/8-18
L12-04	L12 (18x1.5)	1/4-18
L12-06	L12 (18x1.5)	3/8-18
L12-08	L12 (18x1.5)	1/2-14
L15-08	L15 (22x1.5)	1/2-14
L18-08	L18 (26x1.5)	1/2-14
L22-12	L22 (30x2.0)	3/4-14
L28-16	L28 (36x2.0)	1-11 1/2
L35-20	L35 (45x2.0)	1 1/4-11 1/2
L42-24	L42 (52x2.0)	1 1/2-11 1/2
S06-04	S06 (14x1.5)	1/4-18
S08-04	S08 (16x1.5)	1/4-18
S10-06	S10 (18x1.5)	3/8-18
S12-04	S12 (20x1.5)	1/4-18
S12-06	S12 (20x1.5)	3/8-18
S12-08	S12 (20x1.5)	1/2-14
S14-08	S14 (22x1.5)	1/2-14
S16-08	S16 (24x1.5)	1/2-14
S20-12	S20 (30x2.0)	3/4-14
S25-16	S25 (36x2.0)	1-11 1/2
S30-20	S30 (42x2.0)	1 1/4-11 1/2
S38-24	S38 (52x2.0)	1 1/2-11 1/2

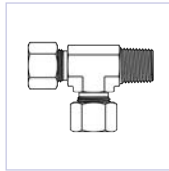


MC6071

AVAILABILITY

» Steel

MC6080



AVAILABILITY

» Steel

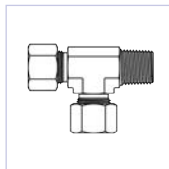
Metric Compression Male Stud Run Tee - BSPT

SHAPE

Tee

Dash Size	Male Metric Compression	Male British Pipe Tapered	Male Metric Compression
LL04-02-LL04	LL04 (8x1.0)	1/8-28	LL04 (8x1.0)
LL06-02-LL06	LL06 (10x1.0)	1/8-28	LL06 (10x1.0)
LL08-02-LL08	LL08 (12x1.0)	1/8-28	LL08 (12x1.0)
L06-02-L06	L06 (12x1.5)	1/8-28	L06 (12x1.5)
L08-04-L08	L08 (14x1.5)	1/4-19	L08 (14x1.5)
L10-04-L10	L10 (16x1.5)	1/4-19	L10 (16x1.5)
L12-06-L12	L12 (18x1.5)	3/8-19	L12 (18x1.5)
L15-08-L15	L15 (22x1.5)	1/2-14	L15 (22x1.5)
L18-08-L18	L18 (26x1.5)	1/2-14	L18 (26x1.5)
S06-04-S06	S06 (14x1.5)	1/4-19	S06 (14x1.5)
S08-04-S08	S08 (16x1.5)	1/4-19	S08 (16x1.5)
S10-06-S10	S10 (18x1.5)	3/8-19	S10 (18x1.5)
S12-06-S12	S12 (20x1.5)	3/8-19	S12 (20x1.5)
S14-08-S14	S14 (22x1.5)	1/2-14	S14 (22x1.5)
S16-08-S16	S16 (24x1.5)	1/2-14	S16 (24x1.5)

MC6081



AVAILABILITY

» Steel

Metric Compression Male Stud Run Tee - NPT

SHAPE

Tee

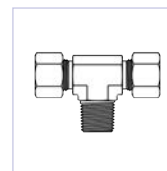
Dash Size	Male Metric Compression	Male Pipe	Male Metric Compression
LL04-02-LL04	LL04 (8x1.0)	1/8-27	LL04 (8x1.0)
LL06-02-LL06	LL06 (10x1.0)	1/8-27	LL06 (10x1.0)
LL08-02-LL08	LL08 (12x1.0)	1/8-27	LL08 (12x1.0)
L06-02-L06	L06 (12x1.5)	1/8-27	L06 (12x1.5)
L08-04-L08	L08 (14x1.5)	1/4-18	L08 (14x1.5)
L10-04-L10	L10 (16x1.5)	1/4-18	L10 (16x1.5)
L12-06-L12	L12 (18x1.5)	3/8-18	L12 (18x1.5)
L15-08-L15	L15 (22x1.5)	1/2-14	L15 (22x1.5)
L18-08-L18	L18 (26x1.5)	1/2-14	L18 (26x1.5)
L22-12-L22	L22 (30x2.0)	3/4-14	L22 (30x2.0)
L28-16-L28	L28 (36x2.0)	1-11 1/2	L28 (36x2.0)
L35-20-L35	L35 (45x2.0)	1 1/4-11 1/2	L35 (45x2.0)
L42-24-L42	L42 (52x2.0)	1 1/2-11 1/2	L42 (52x2.0)
S06-04-S06	S06 (14x1.5)	1/4-18	S06 (14x1.5)
S08-04-S08	S08 (16x1.5)	1/4-18	S08 (16x1.5)
S10-06-S10	S10 (18x1.5)	3/8-18	S10 (18x1.5)
S12-06-S12	S12 (20x1.5)	3/8-18	S12 (20x1.5)
S14-08-S14	S14 (22x1.5)	1/2-14	S14 (22x1.5)
S16-08-S16	S16 (24x1.5)	1/2-14	S16 (24x1.5)
S20-12-S20	S20 (30x2.0)	3/4-14	S20 (30x2.0)
S25-16-S25	S25 (36x2.0)	1-11 1/2	S25 (36x2.0)
S30-20-S30	S30 (42x2.0)	1 1/4-11 1/2	S30 (42x2.0)
S38-24-S38	S38 (52x2.0)	1 1/2-11 1/2	S38 (52x2.0)

Metric Compression Male Stud Branch Tee - BSPT

SHAPE

Tee

Dash Size	Male Metric Compression	Male Metric Compression	Male British Pipe Tapered
LL04-LL04-02	LL04 (8x1.0)	LL04 (8x1.0)	1/8-28
LL06-LL06-02	LL06 (10x1.0)	LL06 (10x1.0)	1/8-28
LL08-LL08-08	LL08 (12x1.0)	LL08 (12x1.0)	1/2-14
L06-L06-02	L06 (12x1.5)	L06 (12x1.5)	1/8-28
L08-L08-04	L08 (14x1.5)	L08 (14x1.5)	1/4-19
L10-L10-04	L10 (16x1.5)	L10 (16x1.5)	1/4-19
L12-L12-04	L12 (18x1.5)	L12 (18x1.5)	1/4-19
L12-L12-06	L12 (18x1.5)	L12 (18x1.5)	3/8-19
L15-L15-08	L15 (22x1.5)	L15 (22x1.5)	1/2-14
L18-L18-08	L18 (26x1.5)	L18 (26x1.5)	1/2-14
S06-S06-04	S06 (14x1.5)	S06 (14x1.5)	1/4-19
S08-S08-04	S08 (16x1.5)	S08 (16x1.5)	1/4-19
S10-S10-06	S10 (18x1.5)	S10 (18x1.5)	3/8-19
S12-S12-06	S12 (20x1.5)	S12 (20x1.5)	3/8-19
S14-S14-08	S14 (22x1.5)	S14 (22x1.5)	1/2-14
S16-S16-08	S16 (24x1.5)	S16 (24x1.5)	1/2-14



MC6090

AVAILABILITY

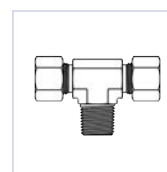
» Steel

Metric Compression Male Stud Branch Tee - NPT

SHAPE

Tee

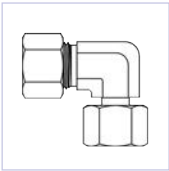
Dash Size	Male Metric Compression	Male Metric Compression	Male Pipe
LL04-LL04-02	LL04 (8x1.0)	LL04 (8x1.0)	1/8-27
LL06-LL06-02	LL06 (10x1.0)	LL06 (10x1.0)	1/8-27
LL08-LL08-02	LL08 (12x1.0)	LL08 (12x1.0)	1/8-27
L06-L06-02	L06 (12x1.5)	L06 (12x1.5)	1/8-27
L08-L08-04	L08 (14x1.5)	L08 (14x1.5)	1/4-18
L10-L10-04	L10 (16x1.5)	L10 (16x1.5)	1/4-18
L12-L12-06	L12 (18x1.5)	L12 (18x1.5)	3/8-18
L15-L15-08	L15 (22x1.5)	L15 (22x1.5)	1/2-14
L18-L18-08	L18 (26x1.5)	L18 (26x1.5)	1/2-14
L22-L22-12	L22 (30x2.0)	L22 (30x2.0)	3/4-14
L28-L28-16	L28 (36x2.0)	L28 (36x2.0)	1-11 1/2
L35-L35-20	L35 (45x2.0)	L35 (45x2.0)	1 1/4-11 1/2
L42-L42-24	L42 (52x2.0)	L42 (52x2.0)	1 1/2-11 1/2
S06-S06-04	S06 (14x1.5)	S06 (14x1.5)	1/4-18
S08-S08-04	S08 (16x1.5)	S08 (16x1.5)	1/4-18
S10-S10-06	S10 (18x1.5)	S10 (18x1.5)	3/8-18
S12-S12-06	S12 (20x1.5)	S12 (20x1.5)	3/8-18
S14-S14-08	S14 (22x1.5)	S14 (22x1.5)	1/2-14
S16-S16-08	S16 (24x1.5)	S16 (24x1.5)	1/2-14
S20-S20-12	S20 (30x2.0)	S20 (30x2.0)	3/4-14
S25-S25-16	S25 (36x2.0)	S25 (36x2.0)	1-11 1/2
S30-S30-20	S30 (42x2.0)	S30 (42x2.0)	1 1/4-11 1/2
S38-S38-24	S38 (52x2.0)	S38 (52x2.0)	1 1/2-11 1/2



MC6091

AVAILABILITY

» Steel

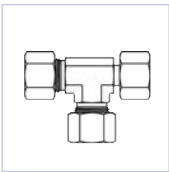


AVAILABILITY

» Steel

Metric Compression Swivel Elbow 90°

SHAPE			90 degree elbow
Dash Size	Male Metric Compression	Female Metric Compression	
L06-L06	L06 (12x1.5)	L06 (12x1.5)	
L08-L08	L08 (14x1.5)	L08 (14x1.5)	
L10-L10	L10 (16x1.5)	L10 (16x1.5)	
L12-L12	L12 (18x1.5)	L12 (18x1.5)	
L15-L15	L15 (22x1.5)	L15 (22x1.5)	
L18-L18	L18 (26x1.5)	L18 (26x1.5)	
L22-L22	L22 (30x2.0)	L22 (30x2.0)	
L28-L28	L28 (36x2.0)	L28 (36x2.0)	
L35-L35	L35 (45x2.0)	L35 (45x2.0)	
L42-L42	L42 (52x2.0)	L42 (52x2.0)	
S06-S06	S06 (14x1.5)	S06 (14x1.5)	
S08-S08	S08 (16x1.5)	S08 (16x1.5)	
S10-S10	S10 (18x1.5)	S10 (18x1.5)	
S12-S12	S12 (20x1.5)	S12 (20x1.5)	
S14-S14	S14 (22x1.5)	S14 (22x1.5)	
S16-S16	S16 (24x1.5)	S16 (24x1.5)	
S20-S20	S20 (30x2.0)	S20 (30x2.0)	
S25-S25	S25 (36x2.0)	S25 (36x2.0)	
S30-S30	S30 (42x2.0)	S30 (42x2.0)	
S38-S38	S38 (52x2.0)	S38 (52x2.0)	



AVAILABILITY

» Steel

Metric Compression Swivel Run Tee

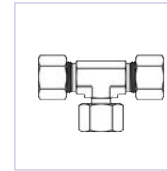
SHAPE				Tee
Dash Size	Male Metric Compression	Female Metric Compression	Male Metric Compression	
L06-L06-L06	L06 (12x1.5)	L06 (12x1.5)	L06 (12x1.5)	
L08-L08-L08	L08 (14x1.5)	L08 (14x1.5)	L08 (14x1.5)	
L10-L10-L10	L10 (16x1.5)	L10 (16x1.5)	L10 (16x1.5)	
L12-L12-L12	L12 (18x1.5)	L12 (18x1.5)	L12 (18x1.5)	
L15-L15-L15	L15 (22x1.5)	L15 (22x1.5)	L15 (22x1.5)	
L18-L18-L18	L18 (26x1.5)	L18 (26x1.5)	L18 (26x1.5)	
L22-L22-L22	L22 (30x2.0)	L22 (30x2.0)	L22 (30x2.0)	
L28-L28-L28	L28 (36x2.0)	L28 (36x2.0)	L28 (36x2.0)	
L35-L35-L35	L35 (45x2.0)	L35 (45x2.0)	L35 (45x2.0)	
L42-L42-L42	L42 (52x2.0)	L42 (52x2.0)	L42 (52x2.0)	
S06-S06-S06	S06 (14x1.5)	S06 (14x1.5)	S06 (14x1.5)	
S08-S08-S08	S08 (16x1.5)	S08 (16x1.5)	S08 (16x1.5)	
S10-S10-S10	S10 (18x1.5)	S10 (18x1.5)	S10 (18x1.5)	
S12-S12-S12	S12 (20x1.5)	S12 (20x1.5)	S12 (20x1.5)	
S14-S14-S14	S14 (22x1.5)	S14 (22x1.5)	S14 (22x1.5)	
S16-S16-S16	S16 (24x1.5)	S16 (24x1.5)	S16 (24x1.5)	
S20-S20-S20	S20 (30x2.0)	S20 (30x2.0)	S20 (30x2.0)	
S25-S25-S25	S25 (36x2.0)	S25 (36x2.0)	S25 (36x2.0)	
S30-S30-S30	S30 (42x2.0)	S30 (42x2.0)	S30 (42x2.0)	
S38-S38-S38	S38 (52x2.0)	S38 (52x2.0)	S38 (52x2.0)	

Metric Compression Swivel Branch Tee

SHAPE

Tee

Dash Size	Male Metric Compression	Male Metric Compression	Female Metric Compression
L06-L06-L06	L06 (12x1.5)	L06 (12x1.5)	L06 (12x1.5)
L08-L08-L08	L08 (14x1.5)	L08 (14x1.5)	L08 (14x1.5)
L10-L10-L10	L10 (16x1.5)	L10 (16x1.5)	L10 (16x1.5)
L12-L12-L12	L12 (18x1.5)	L12 (18x1.5)	L12 (18x1.5)
L15-L15-L15	L15 (22x1.5)	L15 (22x1.5)	L15 (22x1.5)
L18-L18-L18	L18 (26x1.5)	L18 (26x1.5)	L18 (26x1.5)
L22-L22-L22	L22 (30x2.0)	L22 (30x2.0)	L22 (30x2.0)
L28-L28-L28	L28 (36x2.0)	L28 (36x2.0)	L28 (36x2.0)
L35-L35-L35	L35 (45x2.0)	L35 (45x2.0)	L35 (45x2.0)
L42-L42-L42	L42 (52x2.0)	L42 (52x2.0)	L42 (52x2.0)
S06-S06-S06	S06 (14x1.5)	S06 (14x1.5)	S06 (14x1.5)
S08-S08-S08	S08 (16x1.5)	S08 (16x1.5)	S08 (16x1.5)
S10-S10-S10	S10 (18x1.5)	S10 (18x1.5)	S10 (18x1.5)
S12-S12-S12	S12 (20x1.5)	S12 (20x1.5)	S12 (20x1.5)
S14-S14-S14	S14 (22x1.5)	S14 (22x1.5)	S14 (22x1.5)
S16-S16-S16	S16 (24x1.5)	S16 (24x1.5)	S16 (24x1.5)
S20-S20-S20	S20 (30x2.0)	S20 (30x2.0)	S20 (30x2.0)
S25-S25-S25	S25 (36x2.0)	S25 (36x2.0)	S25 (36x2.0)
S30-S30-S30	S30 (42x2.0)	S30 (42x2.0)	S30 (42x2.0)
S38-S38-S38	S38 (52x2.0)	S38 (52x2.0)	S38 (52x2.0)



MC6102

AVAILABILITY

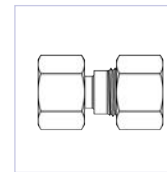
» Steel

Metric Compression Reducer

SHAPE

Straight

Dash Size	Female Metric Compression	Male Metric Compression
L08-L06	L08 (14x1.5)	L06 (12x1.5)
L10-L06	L10 (16x1.5)	L06 (12x1.5)
L10-L08	L10 (16x1.5)	L08 (14x1.5)
L12-L06	L12 (18x1.5)	L06 (12x1.5)
L12-L08	L12 (18x1.5)	L08 (14x1.5)
L12-L10	L12 (18x1.5)	L10 (16x1.5)
L15-L06	L15 (22x1.5)	L06 (12x1.5)
L15-L08	L15 (22x1.5)	L08 (14x1.5)
L15-L10	L15 (22x1.5)	L10 (16x1.5)
L15-L12	L15 (22x1.5)	L12 (18x1.5)
L18-L06	L18 (26x1.5)	L06 (12x1.5)
L18-L08	L18 (26x1.5)	L08 (14x1.5)
L18-L10	L18 (26x1.5)	L10 (16x1.5)
L18-L12	L18 (26x1.5)	L12 (18x1.5)
L18-L15	L18 (26x1.5)	L15 (22x1.5)
L22-L06	L22 (30x2.0)	L06 (12x1.5)
L22-L08	L22 (30x2.0)	L08 (14x1.5)
L22-L10	L22 (30x2.0)	L10 (16x1.5)
L22-L12	L22 (30x2.0)	L12 (18x1.5)
L22-L15	L22 (30x2.0)	L15 (22x1.5)
L22-L18	L22 (30x2.0)	L18 (26x1.5)
L28-L06	L28 (36x2.0)	L06 (12x1.5)
L28-L08	L28 (36x2.0)	L08 (14x1.5)
L28-L10	L28 (36x2.0)	L10 (16x1.5)



MC6110

AVAILABILITY

» Steel

▼ MC6110 continues

Metric Compression Fittings

Metric Adapters & Fittings

MC6110

▼ continued

Dash Size	Female Metric Compression	Male Metric Compression
L28-L12	L28 (36x2.0)	L12 (18x1.5)
L28-L15	L28 (36x2.0)	L15 (22x1.5)
L28-L18	L28 (36x2.0)	L18 (26x1.5)
L28-L22	L28 (36x2.0)	L22 (30x2.0)
L35-L06	L35 (45x2.0)	L06 (12x1.5)
L35-L08	L35 (45x2.0)	L08 (14x1.5)
L35-L10	L35 (45x2.0)	L10 (16x1.5)
L35-L12	L35 (45x2.0)	L12 (18x1.5)
L35-L15	L35 (45x2.0)	L15 (22x1.5)
L35-L18	L35 (45x2.0)	L18 (26x1.5)
L35-L22	L35 (45x2.0)	L22 (30x2.0)
L35-L28	L35 (45x2.0)	L28 (36x2.0)
L42-L10	L42 (52x2.0)	L10 (16x1.5)
L42-L12	L42 (52x2.0)	L12 (18x1.5)
L42-L15	L42 (52x2.0)	L15 (22x1.5)
L42-L18	L42 (52x2.0)	L18 (26x1.5)
L42-L22	L42 (52x2.0)	L22 (30x2.0)
L42-L28	L42 (52x2.0)	L28 (36x2.0)
L42-L35	L42 (52x2.0)	L35 (45x2.0)
S08-S06	S08 (16x1.5)	S06 (14x1.5)
S10-S06	S10 (18x1.5)	S06 (14x1.5)
S10-S08	S10 (18x1.5)	S08 (16x1.5)
S12-S06	S12 (20x1.5)	S06 (14x1.5)
S12-S08	S12 (20x1.5)	S08 (16x1.5)
S12-S10	S12 (20x1.5)	S10 (18x1.5)
S14-S06	S14 (22x1.5)	S06 (14x1.5)
S14-S08	S14 (22x1.5)	S08 (16x1.5)
S14-S10	S14 (22x1.5)	S10 (18x1.5)
S14-S12	S14 (22x1.5)	S12 (20x1.5)
S16-S06	S16 (24x1.5)	S06 (14x1.5)
S16-S08	S16 (24x1.5)	S08 (16x1.5)
S16-S10	S16 (24x1.5)	S10 (18x1.5)
S16-S12	S16 (24x1.5)	S12 (20x1.5)
S16-S14	S16 (24x1.5)	S14 (22x1.5)
S20-S06	S20 (30x2.0)	S06 (14x1.5)
S20-S08	S20 (30x2.0)	S08 (16x1.5)
S20-S10	S20 (30x2.0)	S10 (18x1.5)
S20-S12	S20 (30x2.0)	S12 (20x1.5)
S20-S16	S20 (30x2.0)	S16 (24x1.5)
S25-S06	S25 (36x2.0)	S06 (14x1.5)
S25-S08	S25 (36x2.0)	S08 (16x1.5)
S25-S10	S25 (36x2.0)	S10 (18x1.5)
S25-S12	S25 (36x2.0)	S12 (20x1.5)
S25-S16	S25 (36x2.0)	S16 (24x1.5)
S25-S20	S25 (36x2.0)	S20 (30x2.0)
S30-S06	S30 (42x2.0)	S06 (14x1.5)
S30-S08	S30 (42x2.0)	S08 (16x1.5)
S30-S10	S30 (42x2.0)	S10 (18x1.5)
S30-S12	S30 (42x2.0)	S12 (20x1.5)
S30-S16	S30 (42x2.0)	S16 (24x1.5)
S30-S20	S30 (42x2.0)	S20 (30x2.0)
S30-S25	S30 (42x2.0)	S25 (36x2.0)
S38-S06	S38 (52x2.0)	S06 (14x1.5)
S38-S08	S38 (52x2.0)	S08 (16x1.5)
S38-S10	S38 (52x2.0)	S10 (18x1.5)

Metric Adapters & Fittings

Metric Compression Fittings

Dash Size	Female Metric Compression	Male Metric Compression
S38-S12	S38 (52x2.0)	S12 (20x1.5)
S38-S16	S38 (52x2.0)	S16 (24x1.5)
S38-S20	S38 (52x2.0)	S20 (30x2.0)
S38-S25	S38 (52x2.0)	S25 (36x2.0)
S38-S30	S38 (52x2.0)	S30 (42x2.0)

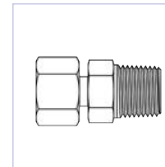
MC6110
▼ continued

Metric Compression Stud/Standpipe - NPT

SHAPE

Straight

Dash Size	Female Metric Compression	Male Pipe
L06-02	L06 (12x1.5)	1/8-27
L08-04	L08 (14x1.5)	1/4-18
L10-04	L10 (16x1.5)	1/4-18
L10-06	L10 (16x1.5)	3/8-18
L12-06	L12 (18x1.5)	3/8-18
L15-08	L15 (22x1.5)	1/2-14
L18-08	L18 (26x1.5)	1/2-14
L22-12	L22 (30x2.0)	3/4-14
L28-16	L28 (36x2.0)	1-11 1/2
L35-20	L35 (45x2.0)	1 1/4-11 1/2
L42-24	L42 (52x2.0)	1 1/2-11 1/2
S06-04	S06 (14x1.5)	1/4-18
S08-04	S08 (16x1.5)	1/4-18
S10-06	S10 (18x1.5)	3/8-18
S12-06	S12 (20x1.5)	3/8-18
S14-08	S14 (22x1.5)	1/2-14
S16-08	S16 (24x1.5)	1/2-14
S20-12	S20 (30x2.0)	3/4-14
S25-16	S25 (36x2.0)	1-11 1/2
S30-20	S30 (42x2.0)	1 1/4-11 1/2
S38-24	S38 (52x2.0)	1 1/2-11 1/2



MC6121

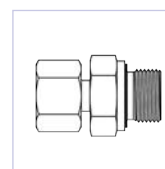
AVAILABILITY
» Steel

Metric Compression Stud/Standpipe - BSPP

SHAPE

Straight

Dash Size	Female Metric Compression	Male British Pipe Parallel
L06-02	L06 (12x1.5)	1/8-28
L08-04	L08 (14x1.5)	1/4-19
L10-04	L10 (16x1.5)	1/4-19
L12-06	L12 (18x1.5)	3/8-19
L15-08	L15 (22x1.5)	1/2-14
L18-08	L18 (26x1.5)	1/2-14
L22-12	L22 (30x2.0)	3/4-14
L28-16	L28 (36x2.0)	1-11
L35-20	L35 (45x2.0)	1 1/4-11
L42-24	L42 (52x2.0)	1 1/2-11
S06-04	S06 (14x1.5)	1/4-19
S08-04	S08 (16x1.5)	1/4-19
S10-06	S10 (18x1.5)	3/8-19
S12-06	S12 (20x1.5)	3/8-19
S14-08	S14 (22x1.5)	1/2-14



MC6122

AVAILABILITY
» Steel

▼ MC6122 continues

Metric Compression Fittings

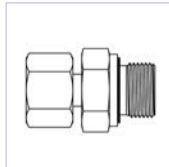
Metric Adapters & Fittings

MC6122

▼ continued

Dash Size	Female Metric Compression	Male British Pipe Parallel
S16-08	S16 (24x1.5)	1/2-14
S20-12	S20 (30x2.0)	3/4-14
S25-16	S25 (36x2.0)	1-11
S30-20	S30 (42x2.0)	1 1/4-11
S38-24	S38 (52x2.0)	1 1/2-11

MC6123



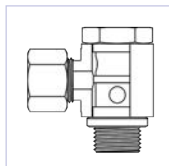
Metric Compression Stud/Standpipe - Metric

SHAPE

Straight

Dash Size	Female Metric Compression	Male Metric
L06-10	L06 (12x1.5)	M10X1.0
L08-12	L08 (14x1.5)	M12X1.5
L10-14	L10 (16x1.5)	M14X1.5
L12-16	L12 (18x1.5)	M16X1.5
L15-18	L15 (22x1.5)	M18X1.5
L18-22	L18 (26x1.5)	M22X1.5
L22-26	L22 (30x2.0)	M26X1.5
L28-33	L28 (36x2.0)	M33X2.0
L35-42	L35 (45x2.0)	M42X2.0
L42-48	L42 (52x2.0)	M48X2.0
S06-12	S06 (14x1.5)	M12X1.5
S08-14	S08 (16x1.5)	M14X1.5
S10-16	S10 (18x1.5)	M16X1.5
S12-18	S12 (20x1.5)	M18X1.5
S14-20	S14 (22x1.5)	M20X1.5
S16-22	S16 (24x1.5)	M22X1.5
S20-27	S20 (30x2.0)	M27X2.0
S25-33	S25 (36x2.0)	M33X2.0
S30-42	S30 (42x2.0)	M42X2.0
S38-48	S38 (52x2.0)	M48X2.0

MC6132



Metric Compression Banjo - BSPP Elbow 90°

SHAPE

90 degree elbow

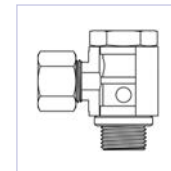
Dash Size	Male Metric Compression	Male British Pipe Parallel
LL04-02	LL04 (8x1.0)	1/8-28
LL06-02	LL06 (10x1.0)	1/8-28
LL08-02	LL08 (12x1.0)	1/8-28
L06-02	L06 (12x1.5)	1/8-28
L08-04	L08 (14x1.5)	1/4-19
L10-04	L10 (16x1.5)	1/4-19
L12-06	L12 (18x1.5)	3/8-19
L15-08	L15 (22x1.5)	1/2-14
L18-08	L18 (26x1.5)	1/2-14
L22-12	L22 (30x2.0)	3/4-14
S06-04	S06 (14x1.5)	1/4-19
S08-04	S08 (16x1.5)	1/4-19
S10-06	S10 (18x1.5)	3/8-19
S12-06	S12 (20x1.5)	3/8-19
S14-08	S14 (22x1.5)	1/2-14
S16-08	S16 (24x1.5)	1/2-14
S20-12	S20 (30x2.0)	3/4-14

Metric Compression Banjo - Metric Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male Metric Compression	Male Metric
LL04-08	LL04 (8x1.0)	M8X1.0
LL06-10	LL06 (10x1.0)	M10X1.0
LL08-10	LL08 (12x1.0)	M10X1.0
L06-10	L06 (12x1.5)	M10X1.0
L08-12	L08 (14x1.5)	M12X1.5
L10-14	L10 (16x1.5)	M14X1.5
L12-16	L12 (18x1.5)	M16X1.5
L15-18	L15 (22x1.5)	M18X1.5
L18-22	L18 (26x1.5)	M22X1.5
L22-26	L22 (30x2.0)	M26X1.5
S06-12	S06 (14x1.5)	M12X1.5
S08-14	S08 (16x1.5)	M14X1.5
S10-16	S10 (18x1.5)	M16X1.5
S12-18	S12 (20x1.5)	M18X1.5
S14-20	S14 (22x1.5)	M20X1.5
S16-22	S16 (24x1.5)	M22X1.5
S20-27	S20 (30x2.0)	M27X2.0



MC6133

AVAILABILITY

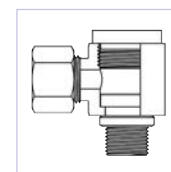
» Steel

Metric Compression Banjo - BSPP (Throttle Free) Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male Metric Compression	Male British Pipe Parallel
L06-02	L06 (12x1.5)	1/8-28
L08-04	L08 (14x1.5)	1/4-19
L10-04	L10 (16x1.5)	1/4-19
L12-06	L12 (18x1.5)	3/8-19
L15-08	L15 (22x1.5)	1/2-14
L18-08	L18 (26x1.5)	1/2-14
L22-12	L22 (30x2.0)	3/4-14
L28-16	L28 (36x2.0)	1-11
L35-20	L35 (45x2.0)	1 1/4-11
L42-24	L42 (52x2.0)	1 1/2-11
S06-04	S06 (14x1.5)	1/4-19
S08-04	S08 (16x1.5)	1/4-19
S10-06	S10 (18x1.5)	3/8-19
S12-06	S12 (20x1.5)	3/8-19
S14-08	S14 (22x1.5)	1/2-14
S16-08	S16 (24x1.5)	1/2-14
S20-12	S20 (30x2.0)	3/4-14
S25-16	S25 (36x2.0)	1-11
S30-20	S30 (42x2.0)	1 1/4-11
S38-24	S38 (52x2.0)	1 1/2-11

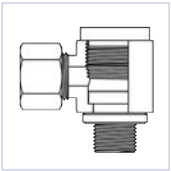


MC6142

AVAILABILITY

» Steel

MC6143

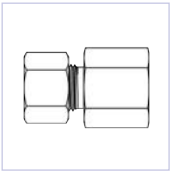


Metric Compression Banjo - Metric (Throttle Free) Elbow 90°

SHAPE 90 degree elbow

Dash Size	Male Metric Compression	Male Metric
L06-10	L06 (12x1.5)	M10X1.0
L08-12	L08 (14x1.5)	M12X1.5
L10-14	L10 (16x1.5)	M14X1.5
L12-16	L12 (18x1.5)	M16X1.5
L15-18	L15 (22x1.5)	M18X1.5
L18-22	L18 (26x1.5)	M22X1.5
L22-26	L22 (30x2.0)	M26X1.5
L28-33	L28 (36x2.0)	M33X2.0
L35-42	L35 (45x2.0)	M42X2.0
L42-48	L42 (52x2.0)	M48X2.0
S06-12	S06 (14x1.5)	M12X1.5
S08-14	S08 (16x1.5)	M14X1.5
S10-16	S10 (18x1.5)	M16X1.5
S12-18	S12 (20x1.5)	M18X1.5
S14-20	S14 (22x1.5)	M20X1.5
S16-22	S16 (24x1.5)	M22X1.5
S20-27	S20 (30x2.0)	M27X2.0
S25-33	S25 (36x2.0)	M33X2.0
S30-42	S30 (42x2.0)	M42X2.0
S38-48	S38 (52x2.0)	M48X2.0

MC6152



Metric Compression Gauge Coupling - BSPP

SHAPE Straight

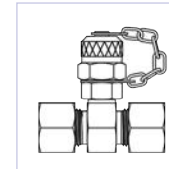
Dash Size	Male Metric Compression	Female British Pipe Parallel
L06-04	L06 (12x1.5)	1/4-19
L08-04	L08 (14x1.5)	1/4-19
L10-04	L10 (16x1.5)	1/4-19
L12-04	L12 (18x1.5)	1/4-19
S06-08	S06 (14x1.5)	1/2-14
S08-08	S08 (16x1.5)	1/2-14
S10-08	S10 (18x1.5)	1/2-14
S12-08	S12 (20x1.5)	1/2-14

Metric Compression Straight Union with Test Point

SHAPE

Tee

Dash Size	Male Metric Compression	Male Metric Compression	Male Test Point
L06-L06-M16X2.0	L06 (12x1.5)	L06 (12x1.5)	M16X2.0
L08-L08-M16X2.0	L08 (14x1.5)	L08 (14x1.5)	M16X2.0
L10-L10-M16X2.0	L10 (16x1.5)	L10 (16x1.5)	M16X2.0
L12-L12-M16X2.0	L12 (18x1.5)	L12 (18x1.5)	M16X2.0
L15-L15-M16X2.0	L15 (22x1.5)	L15 (22x1.5)	M16X2.0
L18-L18-M16X2.0	L18 (26x1.5)	L18 (26x1.5)	M16X2.0
L22-L22-M16X2.0	L22 (30x2.0)	L22 (30x2.0)	M16X2.0
L28-L28-M16X2.0	L28 (36x2.0)	L28 (36x2.0)	M16X2.0
L35-L35-M16X2.0	L35 (45x2.0)	L35 (45x2.0)	M16X2.0
L42-L42-M16X2.0	L42 (52x2.0)	L42 (52x2.0)	M16X2.0
S06-S06-M16X2.0	S06 (14x1.5)	S06 (14x1.5)	M16X2.0
S08-S08-M16X2.0	S08 (16x1.5)	S08 (16x1.5)	M16X2.0
S10-S10-M16X2.0	S10 (18x1.5)	S10 (18x1.5)	M16X2.0
S12-S12-M16X2.0	S12 (20x1.5)	S12 (20x1.5)	M16X2.0
S14-S14-M16X2.0	S14 (22x1.5)	S14 (22x1.5)	M16X2.0
S16-S16-M16X2.0	S16 (24x1.5)	S16 (24x1.5)	M16X2.0
S20-S20-M16X2.0	S20 (30x2.0)	S20 (30x2.0)	M16X2.0
S25-S25-M16X2.0	S25 (36x2.0)	S25 (36x2.0)	M16X2.0
S30-S30-M16X2.0	S30 (42x2.0)	S30 (42x2.0)	M16X2.0
S38-S38-M16X2.0	S38 (52x2.0)	S38 (52x2.0)	M16X2.0



MC6160

AVAILABILITY

» Steel

Thread Identification Kits

FTGK-98



AVAILABILITY
» Aluminum

Thread Identification Kit for Male Threads

APPLICATION	Male Threads
WEIGHT	4.8 lbs

Tompkins offers a Thread Identification Kit incorporating female-threaded gauges for use in identifying male threads. You get precise identification of both metric and BSP threads.

With 14 dual-threaded gauges for measuring 28 thread sizes, this precision-manufactured kit likewise guarantees ease and accuracy. Eliminate the costly guesswork of trying to compare your parts to fittings which often vary from specifications.

- This kit includes:
- BSP thread gauges
 - 1/8 - 28 BSP through 1 1/4 - 11
 - Metric Thread Gauges
 - M8 x 1.0 through M52 x 2.0
 - Metric and BSP pitch gauges

MTGK-98



AVAILABILITY
» Aluminum

Thread Identification Kit for Female Threads

APPLICATION	Female Threads
WEIGHT	4.8 lbs

Tompkins offers a Thread Identification Kit incorporating male-threaded gauges for use in identifying female threads. You get precise identification of both metric and BSP threads.

This portable, compact kit features 14 dual-threaded gauges that allow you to measure 28 thread sizes quickly and accurately. Made from hardened anodized aluminum and labeled with laser-engraved sizes, these gauges are durable, yet lightweight and easy-to-read for a fast ID. All male thread gauges have internal chamfers to accommodate metric or BSP hose fittings with an inverted flare configuration.

- This kit includes:
- BSP thread gauges
 - 1/8 - 28 BSP through 1 1/4 - 11
 - Metric Thread Gauges
 - M8 x 1.0 through M52 x 2.0
 - Metric and BSP pitch gauges



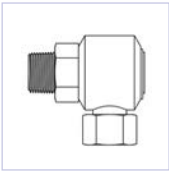
Live Swivels



LIVE SWIVELS

Live Swivels

LS-1501



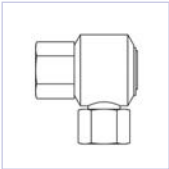
AVAILABILITY
» Steel

Pipe to NPSM Swivel Elbow 90°

Other sizes and configurations are available upon request.

SHAPE			90 degree elbow
Dash Size	Male Pipe	Female Pipe Swivel	
04-04	1/4-18	1/4-18	
04-06	1/4-18	3/8-18	
06-04	3/8-18	1/4-18	
06-06	3/8-18	3/8-18	
08-08	1/2-14	1/2-14	
12-12	3/4-14	3/4-14	
16-16	1-11 1/2	1-11 1/2	
20-20	1 1/4-11 1/2	1 1/4-11 1/2	
24-24	1 1/2-11 1/2	1 1/2-11 1/2	
32-32	2-11 1/2	2-11 1/2	

LS-1502



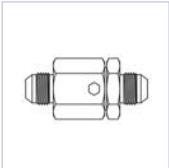
AVAILABILITY
» Steel

Pipe to NPSM Swivel Elbow 90°

Other sizes and configurations are available upon request.

SHAPE			90 degree elbow
Dash Size	Female Pipe	Female Pipe Swivel	
04-04	1/4-18	1/4-18	
06-04	3/8-18	1/4-18	
06-06	3/8-18	3/8-18	
08-08	1/2-14	1/2-14	
12-12	3/4-14	3/4-14	
16-16	1-11 1/2	1-11 1/2	
20-20	1 1/4-11 1/2	1 1/4-11 1/2	
24-24	1 1/2-11 1/2	1 1/2-11 1/2	
32-32	2-11 1/2	2-11 1/2	

LS-2403



AVAILABILITY
» Steel

JIC to JIC

Other sizes and configurations are available upon request.

SHAPE			Straight
Dash Size	Male JIC	Male JIC	
06-06	9/16-18	9/16-18	
08-08	3/4-16	3/4-16	
12-12	1 1/16-12	1 1/16-12	
16-16	1 5/16-12	1 5/16-12	
20-20	1 5/8-12	1 5/8-12	
24-24	1 7/8-12	1 7/8-12	

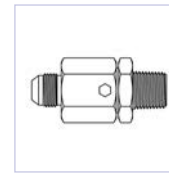
JIC to Pipe

Other sizes and configurations are available upon request.

SHAPE

Straight

Dash Size	Male JIC	Male Pipe
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2



LS-2404

AVAILABILITY

» Steel

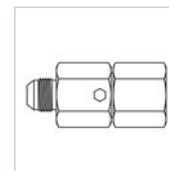
JIC to Pipe

Other sizes and configurations are available upon request.

SHAPE

Straight

Dash Size	Male JIC	Female Pipe
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2



LS-2405

AVAILABILITY

» Steel

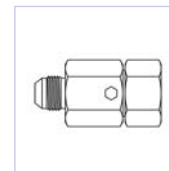
JIC to JIC

Other sizes and configurations are available upon request.

SHAPE

Straight

Dash Size	Male JIC	Female JIC
04-04	7/16-20	7/16-20
05-05	1/2-20	1/2-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
14-14	1 3/16-12	1 3/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12



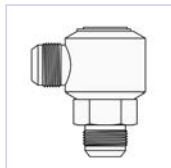
LS-2406

AVAILABILITY

» Steel

Live Swivels

LS-2500



JIC to JIC Elbow 90°

Other sizes and configurations are available upon request.

SHAPE

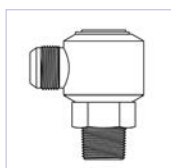
90 degree elbow

Dash Size	Male JIC	Male JIC
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12

AVAILABILITY

» Steel

LS-2501



JIC to Pipe Elbow 90°

Other sizes and configurations are available upon request.

SHAPE

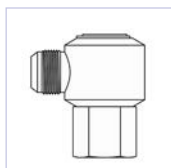
90 degree elbow

Dash Size	Male JIC	Male Pipe
04-04	7/16-20	1/4-18
05-06	1/2-20	3/8-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

AVAILABILITY

» Steel

LS-2502



JIC to Pipe Elbow 90°

Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Male JIC	Female Pipe
05-06	1/2-20	3/8-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

AVAILABILITY

» Steel

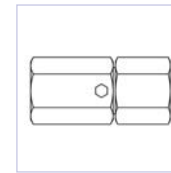
Pipe to Pipe

Other sizes and configurations are available upon request.

SHAPE

Straight

Dash Size	Female Pipe	Female Pipe
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2



LS-5000

AVAILABILITY

» Steel

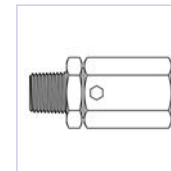
Pipe to Pipe

Other sizes and configurations are available upon request.

SHAPE

Straight

Dash Size	Male Pipe	Female Pipe
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2



LS-5405

AVAILABILITY

» Steel

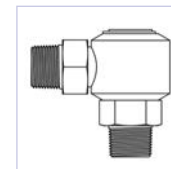
Pipe to Pipe Elbow 90°

Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Male Pipe	Male Pipe
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2



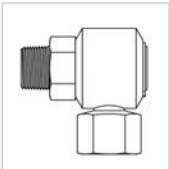
LS-5500

AVAILABILITY

» Steel

Live Swivels

LS-5502



AVAILABILITY

» Steel

Pipe to Pipe Elbow 90°

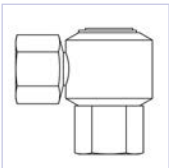
Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Male Pipe	Female Pipe
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

LS-5504



AVAILABILITY

» Steel

Pipe to Pipe Elbow 90°

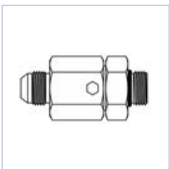
Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Female Pipe	Female Pipe
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2

LS-6400



AVAILABILITY

» Steel

JIC to O-Ring

Other sizes and configurations are available upon request.

SHAPE

Straight

Dash Size	Male JIC	Male O-Ring
04-04	7/16-20	7/16-20
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12

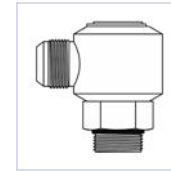
JIC to O-Ring Elbow 90°

Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Male JIC	Male O-Ring
04-04	7/16-20	7/16-20
06-05	9/16-18	1/2-20
06-06	9/16-18	9/16-18
06-08	9/16-18	3/4-16
08-06	3/4-16	9/16-18
08-08	3/4-16	3/4-16
08-10	3/4-16	7/8-14
10-10	7/8-14	7/8-14
10-12	7/8-14	1 1/16-12
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12
20-20	1 5/8-12	1 5/8-12
24-24	1 7/8-12	1 7/8-12
32-32	2 1/2-12	2 1/2-12



LS-6801

AVAILABILITY

» Steel

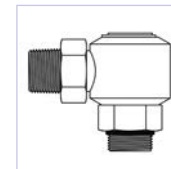
Pipe to O-Ring Elbow 90°

Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Male Pipe	Male O-Ring
04-06	1/4-18	9/16-18
06-06	3/8-18	9/16-18
08-10	1/2-14	7/8-14
12-12	3/4-14	1 1/16-12
16-16	1-11 1/2	1 5/16-12
20-20	1 1/4-11 1/2	1 5/8-12
24-24	1 1/2-11 1/2	1 7/8-12



LS-6806

AVAILABILITY

» Steel

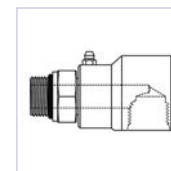
O-Ring to O-Ring Elbow 90 degree

Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Male O-Ring	Female O-Ring
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
12-12	1 1/16-12	1 1/16-12

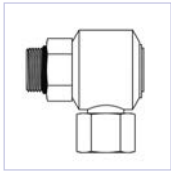


LS-6815

AVAILABILITY

» Steel

LS-6901



O-Ring to NPSM Swivel Elbow 90°

Other sizes and configurations are available upon request.

SHAPE

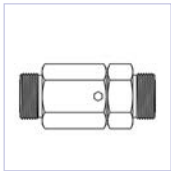
90 degree elbow

Dash Size	Male O-Ring	Female Pipe Swivel
04-06	7/16-20	3/8-18
05-04	1/2-20	1/4-18
06-04	9/16-18	1/4-18
06-06	9/16-18	3/8-18
06-08	9/16-18	1/2-14
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2
32-32	2 1/2-12	2-11 1/2

AVAILABILITY

» Steel

LS-FF2403



ORFS to ORFS

Other sizes and configurations are available upon request.

SHAPE

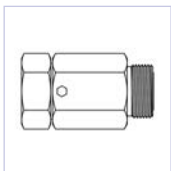
Straight

Dash Size	Male O-Ring Face Seal	Male O-Ring Face Seal
06-06	11/16-16	11/16-16
08-08	13/16-16	13/16-16
10-10	1-14	1-14
12-12	1 3/16-12	1 3/16-12
16-16	1 7/16-12	1 7/16-12

AVAILABILITY

» Steel

LS-FF2406



ORFS to ORFS

Other sizes and configurations are available upon request.

SHAPE

Straight

Dash Size	Female O-Ring Face Seal Swivel	Male O-Ring Face Seal
06-06	11/16-16	11/16-16
08-08	13/16-16	13/16-16
12-12	1 3/16-12	1 3/16-12
16-16	1 7/16-12	1 7/16-12
24-24	2-12	2-12

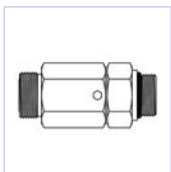
AVAILABILITY

» Steel

COMPLIANCE

» SAE 520123

LS-FF6400



ORFS to O-Ring

Other sizes and configurations are available upon request.

SHAPE

Straight

Dash Size	Male O-Ring Face Seal	Male O-Ring
04-04	9/16-18	7/16-20
04-06	9/16-18	9/16-18
06-04	11/16-16	7/16-20
06-06	11/16-16	9/16-18
08-08	13/16-16	3/4-16

AVAILABILITY

» Steel

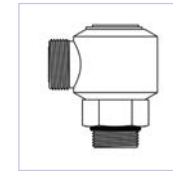
ORFS to O-Ring 90°

Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Male O-Ring Face Seal	Male O-Ring
04-06	9/16-18	9/16-18
06-06	11/16-16	9/16-18
08-08	13/16-16	3/4-16
08-10	13/16-16	7/8-14
08-12	13/16-16	1 1/16-12
10-08	1-14	3/4-16
10-10	1-14	7/8-14
12-08	1 3/16-12	3/4-16
12-12	1 3/16-12	1 1/16-12
16-16	1 7/16-12	1 5/16-12
20-20	1 11/16-12	1 5/8-12



LS-FF6801

AVAILABILITY

» Steel

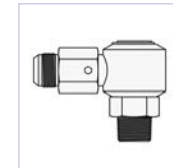
JIC to Pipe Elbow 90° - Dual Plane Swivel

Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Male JIC	Male Pipe
06-04	9/16-18	1/4-18
08-06	3/4-16	3/8-18
10-08	7/8-14	1/2-14
12-12	1 1/16-12	3/4-14
16-16	1 5/16-12	1-11 1/2
20-20	1 5/8-12	1 1/4-11 1/2
24-24	1 7/8-12	1 1/2-11 1/2



LSS-2501

AVAILABILITY

» Steel

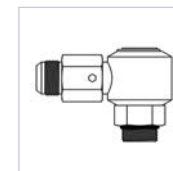
JIC to O-Ring Elbow 90° - Dual Plane Swivel

Other sizes and configurations are available upon request.

SHAPE

90 degree elbow

Dash Size	Male JIC	Male O-Ring
06-06	9/16-18	9/16-18
08-08	3/4-16	3/4-16
10-10	7/8-14	7/8-14
12-12	1 1/16-12	1 1/16-12
16-16	1 5/16-12	1 5/16-12



LSS-6801

AVAILABILITY

» Steel

[illegible]



Brass Adapters & Fittings



BRASS ADAPTERS & FITTINGS

Call 800.255.1008 or visit www.tompkinsind.com for full material availability.

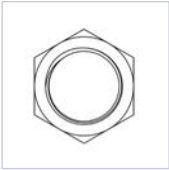
189

Tompkins
INDUSTRIES, INC.

Brass Pipe Adapters



AVAILABILITY
» Brass

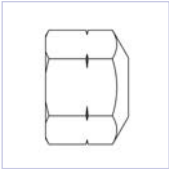


Pipe Lock Nut

SHAPE		Nut
Dash Size	Female Pipe	
02	1/8-27	
04	1/4-18	
06	3/8-18	
08	1/2-14	
12	3/4-14	



AVAILABILITY
» Brass

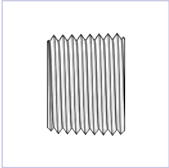


Pipe Cap

SHAPE		Cap
Dash Size	Female Pipe	
02	1/8-27	
04	1/4-18	
06	3/8-18	
08	1/2-14	
12	3/4-14	



AVAILABILITY
» Brass

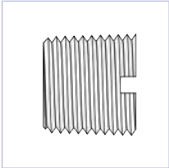


Hollow Hex Pipe Plug

SHAPE		Plug
Dash Size	Male Pipe	
01	1/16-27	
02	1/8-27	
04	1/4-18	
06	3/8-18	
08	1/2-14	
12	3/4-14	



AVAILABILITY
» Brass



Slotted Pipe Plug

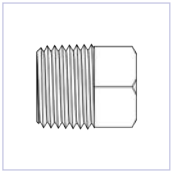
SHAPE		Plug
Dash Size	Male Pipe	
02	1/8-27	
04	1/4-18	
06	3/8-18	

Square Head Pipe Plug

SHAPE

Plug

Dash Size	Male Pipe
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14
12	3/4-14
16	1-11 1/2
20	1 1/4-11 1/2
24	1 1/2-11 1/2



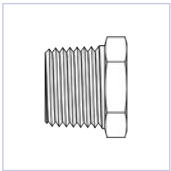
AVAILABILITY
» Brass

Hex Head Pipe Plug

SHAPE

Plug

Dash Size	Male Pipe
01	1/16-27
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14
12	3/4-14
16	1-11 1/2



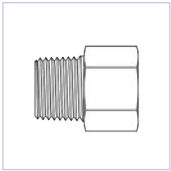
AVAILABILITY
» Brass

Hex Pipe Expander/Extender

SHAPE

Expander

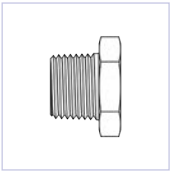
Dash Size	Male Pipe	Female Pipe
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
02-06	1/8-27	3/8-18
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
04-08	1/4-18	1/2-14
06-06	3/8-18	3/8-18
06-08	3/8-18	1/2-14
08-08	1/2-14	1/2-14
08-12	1/2-14	3/4-14
12-12	3/4-14	3/4-14



AVAILABILITY
» Brass



AVAILABILITY
» Brass

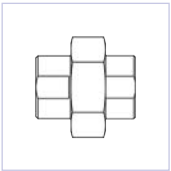


Hex Pipe Reducer Bushing

SHAPE			Reducer
Dash Size	Male Pipe	Female Pipe	
04-02	1/4-18	1/8-27	
06-02	3/8-18	1/8-27	
06-04	3/8-18	1/4-18	
08-02	1/2-14	1/8-27	
08-04	1/2-14	1/4-18	
08-06	1/2-14	3/8-18	
12-02	3/4-14	1/8-27	
12-04	3/4-14	1/4-18	
12-06	3/4-14	3/8-18	
12-08	3/4-14	1/2-14	
16-04	1-11 1/2	1/4-18	
16-06	1-11 1/2	3/8-18	
16-08	1-11 1/2	1/2-14	
16-12	1-11 1/2	3/4-14	
20-08	1 1/4-11 1/2	1/2-14	
20-12	1 1/4-11 1/2	3/4-14	
20-16	1 1/4-11 1/2	1-11 1/2	
24-04	1 1/2-11 1/2	1/4-18	
24-12	1 1/2-11 1/2	3/4-14	
24-16	1 1/2-11 1/2	1-11 1/2	
32-12	2-11 1/2	3/4-14	
32-16	2-11 1/2	1-11 1/2	
32-20	2-11 1/2	1 1/4-11 1/2	
32-24	2-11 1/2	1 1/2-11 1/2	
40-24	2 1/2-8	1 1/2-11 1/2	
40-32	2 1/2-8	2-11 1/2	



AVAILABILITY
» Brass



Pipe Swivel Union

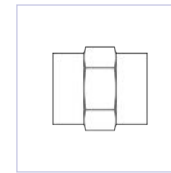
SHAPE			Straight
Dash Size	Female Pipe	Female Pipe Swivel	
02-02	1/8-27	1/8-27	
04-04	1/4-18	1/4-18	
06-06	3/8-18	3/8-18	
08-08	1/2-14	1/2-14	
12-12	3/4-14	3/4-14	
16-16	1-11 1/2	1-11 1/2	
20-20	1 1/4-11 1/2	1 1/4-11 1/2	
24-24	1 1/2-11 1/2	1 1/2-11 1/2	

Pipe Coupling

SHAPE

Straight

Dash Size	Female Pipe	Female Pipe
02-02	1/8-27	1/8-27
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
06-02	3/8-18	1/8-27
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2

**3300**

AVAILABILITY

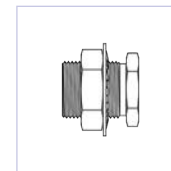
» Brass

Pipe Bulkhead Coupling

SHAPE

Straight

Dash Size	Female Pipe	Female Pipe	Overall Adapter Length (OAL)
02-02	1/8-27	1/8-27	1.50
04-04	1/4-18	1/4-18	0.94
04-04	1/4-18	1/4-18	1.50
06-06	3/8-18	3/8-18	1.31
08-08	1/2-14	1/2-14	1.50
12-12	3/4-14	3/4-14	1.50

**3300-BH**

AVAILABILITY

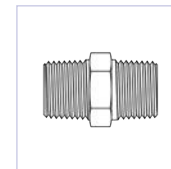
» Brass

Hex Pipe Nipple

SHAPE

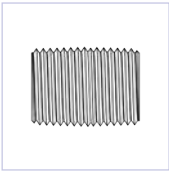
Straight

Dash Size	Male Pipe	Male Pipe
02-02	1/8-27	1/8-27
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
06-02	3/8-18	1/8-27
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-04	1/2-14	1/4-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
12-06	3/4-14	3/8-18
12-08	3/4-14	1/2-14
12-12	3/4-14	3/4-14
16-08	1-11 1/2	1/2-14
16-12	1-11 1/2	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
32-24	2-11 1/2	1 1/2-11 1/2

**3325**

AVAILABILITY

» Brass



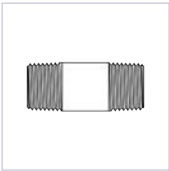
AVAILABILITY
» Brass

Close Pipe Nipple

SHAPE

Straight

Dash Size	Male Pipe	Male Pipe
02-02	1/8-27	1/8-27
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2



AVAILABILITY
» Brass

Long Pipe Nipple

SHAPE

Straight

Dash Size	Male Pipe	Male Pipe	Overall Adapter Length (OAL)
02-02	1/8-27	1/8-27	1.50
02-02	1/8-27	1/8-27	2.00
02-02	1/8-27	1/8-27	2.50
02-02	1/8-27	1/8-27	3.00
02-02	1/8-27	1/8-27	3.50
02-02	1/8-27	1/8-27	4.00
02-02	1/8-27	1/8-27	6.00
02-02	1/8-27	1/8-27	8.00
04-04	1/4-18	1/4-18	1.50
04-04	1/4-18	1/4-18	2.00
04-04	1/4-18	1/4-18	2.50
04-04	1/4-18	1/4-18	3.00
04-04	1/4-18	1/4-18	3.50
04-04	1/4-18	1/4-18	4.00
04-04	1/4-18	1/4-18	6.00
04-04	1/4-18	1/4-18	8.00
04-04	1/4-18	1/4-18	10.00
06-06	3/8-18	3/8-18	1.50
06-06	3/8-18	3/8-18	2.00
06-06	3/8-18	3/8-18	2.50
06-06	3/8-18	3/8-18	3.00
06-06	3/8-18	3/8-18	4.00
06-06	3/8-18	3/8-18	6.00
08-08	1/2-14	1/2-14	1.50
08-08	1/2-14	1/2-14	2.00
08-08	1/2-14	1/2-14	2.50
08-08	1/2-14	1/2-14	3.00
08-08	1/2-14	1/2-14	3.50
08-08	1/2-14	1/2-14	4.00
08-08	1/2-14	1/2-14	4.50
08-08	1/2-14	1/2-14	5.50
08-08	1/2-14	1/2-14	6.00
08-08	1/2-14	1/2-14	7.00
12-12	3/4-14	3/4-14	2.00
12-12	3/4-14	3/4-14	2.50
12-12	3/4-14	3/4-14	3.00

Dash Size	Male Pipe	Male Pipe	Overall Adapter Length (OAL)
12-12	3/4-14	3/4-14	3.50
12-12	3/4-14	3/4-14	6.00
12-12	3/4-14	3/4-14	8.00
12-12	3/4-14	3/4-14	10.00
16-16	1-11 1/2	1-11 1/2	18.00

3327

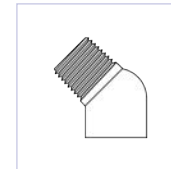
▼ continued

Street Pipe Elbow 45°

SHAPE

45 degree elbow

Dash Size	Male Pipe	Female Pipe
02-02	1/8-27	1/8-27
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2

**3350**

AVAILABILITY

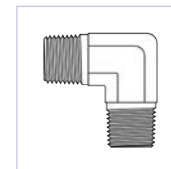
» Brass

Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Male Pipe	Male Pipe
02-02	1/8-27	1/8-27
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14

**3390**

AVAILABILITY

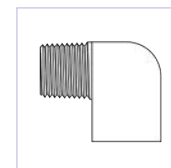
» Brass

Street Pipe Elbow 90°

SHAPE

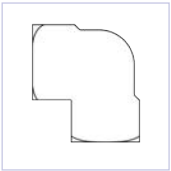
90 degree elbow

Dash Size	Male Pipe	Female Pipe
02-02	1/8-27	1/8-27
02-04	1/8-27	1/4-18
04-02	1/4-18	1/8-27
04-04	1/4-18	1/4-18
04-06	1/4-18	3/8-18
06-04	3/8-18	1/4-18
06-06	3/8-18	3/8-18
08-06	1/2-14	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14

**3400**

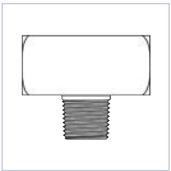
AVAILABILITY

» Brass



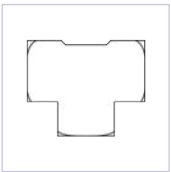
Pipe Elbow 90°

SHAPE			90 degree elbow
Dash Size	Female Pipe		
02-02	1/8-27	1/8-27	
04-02	1/4-18	1/8-27	
04-04	1/4-18	1/4-18	
06-04	3/8-18	1/4-18	
06-06	3/8-18	3/8-18	
08-08	1/2-14	1/2-14	
12-12	3/4-14	3/4-14	
16-16	1-11 1/2	1-11 1/2	



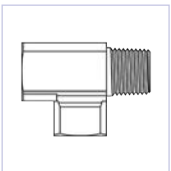
Pipe Branch Tee

SHAPE				Tee
Dash Size	Female Pipe	Female Pipe	Male Pipe	
02-02-02	1/8-27	1/8-27	1/8-27	
04-04-04	1/4-18	1/4-18	1/4-18	
06-06-06	3/8-18	3/8-18	3/8-18	
08-08-08	1/2-14	1/2-14	1/2-14	
12-12-12	3/4-14	3/4-14	3/4-14	



Pipe Tee

SHAPE				Tee
Dash Size	Female Pipe	Female Pipe	Female Pipe	
02-02-02	1/8-27	1/8-27	1/8-27	
04-04-04	1/4-18	1/4-18	1/4-18	
06-06-06	3/8-18	3/8-18	3/8-18	
08-08-06	1/2-14	1/2-14	3/8-18	
08-08-08	1/2-14	1/2-14	1/2-14	
12-12-08	3/4-14	3/4-14	1/2-14	
12-12-12	3/4-14	3/4-14	3/4-14	
20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2	



Run Pipe Tee

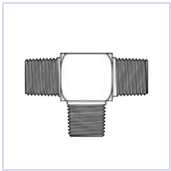
SHAPE				Tee
Dash Size	Female Pipe	Male Pipe	Female Pipe	
02-02-02	1/8-27	1/8-27	1/8-27	
04-04-04	1/4-18	1/4-18	1/4-18	
06-06-06	3/8-18	3/8-18	3/8-18	
08-08-08	1/2-14	1/2-14	1/2-14	
12-12-12	3/4-14	3/4-14	3/4-14	

Pipe Tee

SHAPE

Tee

Dash Size	Male Pipe	Male Pipe	Male Pipe
02-02-02	1/8-27	1/8-27	1/8-27
04-04-04	1/4-18	1/4-18	1/4-18
06-06-06	3/8-18	3/8-18	3/8-18
08-08-08	1/2-14	1/2-14	1/2-14
12-12-12	3/4-14	3/4-14	3/4-14



3900

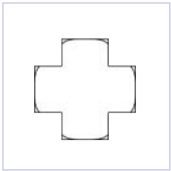
AVAILABILITY
» Brass

Pipe Cross

SHAPE

Cross

Dash Size	Female Pipe	Female Pipe	Female Pipe	Female Pipe
02-02-02-02	1/8-27	1/8-27	1/8-27	1/8-27
04-04-04-04	1/4-18	1/4-18	1/4-18	1/4-18
06-06-06-06	3/8-18	3/8-18	3/8-18	3/8-18
08-08-08-08	1/2-14	1/2-14	1/2-14	1/2-14
12-12-12-12	3/4-14	3/4-14	3/4-14	3/4-14
20-20-20-20	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2	1 1/4-11 1/2



3950

AVAILABILITY
» Brass

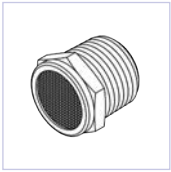
Breather Vent Plug

40 Micron Screen

SHAPE

Plug

Dash Size	Male Pipe
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14



BV

AVAILABILITY
» Brass

Breather Vent Plug O-Ring

Sintered Bronze, 70 Micron Screen

SHAPE

Plug

Dash Size	Male O-Ring Thread
04	7/16-20
06	9/16-18
08	3/4-16



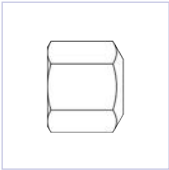
BV-SAE

AVAILABILITY
» Brass

Brass SAE 45° Adapters



AVAILABILITY
» Brass

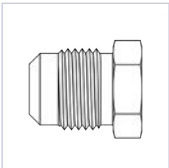


SAE 45° Cap

SHAPE		Cap
Dash Size	SAE 45 degree Female	
03	3/8-24	
04	7/16-20	
05	1/2-20	
06	5/8-18	
08	3/4-16	
10	7/8-14	
12	1 1/16-14	



AVAILABILITY
» Brass

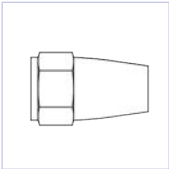


SAE 45° Plug

SHAPE		Plug
Dash Size	SAE 45 degree Male	
03	3/8-24	
04	7/16-20	
05	1/2-20	
06	5/8-18	
08	3/4-16	
10	7/8-14	
12	1 1/16-14	



AVAILABILITY
» Brass



SAE 45° Long Nut

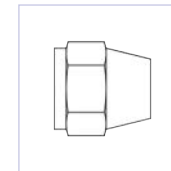
SHAPE		Nut
Dash Size	SAE 45 degree Female	
02	5/16-24	
03	3/8-24	
04	7/16-20	
05	1/2-20	
06	5/8-18	
08	3/4-16	
10	7/8-14	
12	1 1/16-14	

SAE 45° Short Nut

SHAPE

Nut

Dash Size	SAE 45 degree Female
02	5/16-24
03	3/8-24
04	7/16-20
05	1/2-20
06	5/8-18
08	3/4-16
10	7/8-14
12	1 1/16-14



41S

AVAILABILITY

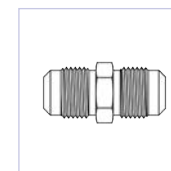
» Brass

SAE 45° Tube Union

SHAPE

Straight

Dash Size	SAE 45 degree Male	SAE 45 degree Male
02-02	5/16-24	5/16-24
03-03	3/8-24	3/8-24
04-04	7/16-20	7/16-20
05-04	1/2-20	7/16-20
05-05	1/2-20	1/2-20
06-04	5/8-18	7/16-20
06-05	5/8-18	1/2-20
06-06	5/8-18	5/8-18
08-06	3/4-16	5/8-18
08-08	3/4-16	3/4-16
10-06	7/8-14	5/8-18
10-08	7/8-14	3/4-16
10-10	7/8-14	7/8-14
12-08	1 1/16-14	3/4-16
12-12	1 1/16-14	1 1/16-14



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AVAILABILITY

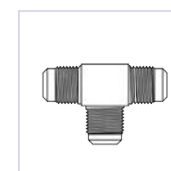
» Brass

SAE 45° Tube Union Tee

SHAPE

Tee

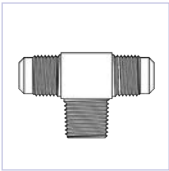
Dash Size	SAE 45 degree Male	SAE 45 degree Male	SAE 45 degree Male
02-02-02	5/16-24	5/16-24	5/16-24
03-03-03	3/8-24	3/8-24	3/8-24
04-04-04	7/16-20	7/16-20	7/16-20
04-04-06	7/16-20	7/16-20	5/8-18
05-05-05	1/2-20	1/2-20	1/2-20
06-06-04	5/8-18	5/8-18	7/16-20
06-06-06	5/8-18	5/8-18	5/8-18
06-06-08	5/8-18	5/8-18	3/4-16
08-08-06	3/4-16	3/4-16	5/8-18
08-08-08	3/4-16	3/4-16	3/4-16
10-10-06	7/8-14	7/8-14	5/8-18
10-10-08	7/8-14	7/8-14	3/4-16
10-10-10	7/8-14	7/8-14	7/8-14
12-12-12	1 1/16-14	1 1/16-14	1 1/16-14



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AVAILABILITY

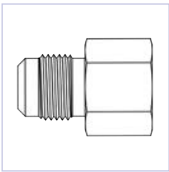
» Brass



AVAILABILITY
» Brass

SAE 45° Tube to Pipe Branch Tee

SHAPE				Tee
Dash Size	SAE 45 degree Male	SAE 45 degree Male	Male Pipe	
02-02-02	5/16-24	5/16-24	1/8-27	
03-03-02	3/8-24	3/8-24	1/8-27	
04-04-02	7/16-20	7/16-20	1/8-27	
04-04-04	7/16-20	7/16-20	1/4-18	
04-04-06	7/16-20	7/16-20	3/8-18	
05-05-02	1/2-20	1/2-20	1/8-27	
05-05-04	1/2-20	1/2-20	1/4-18	
06-06-02	5/8-18	5/8-18	1/8-27	
06-06-04	5/8-18	5/8-18	1/4-18	
06-06-06	5/8-18	5/8-18	3/8-18	
06-06-08	5/8-18	5/8-18	1/2-14	
08-08-04	3/4-16	3/4-16	1/4-18	
08-08-06	3/4-16	3/4-16	3/8-18	
08-08-08	3/4-16	3/4-16	1/2-14	
10-10-06	7/8-14	7/8-14	3/8-18	
10-10-08	7/8-14	7/8-14	1/2-14	
12-12-08	1 1/16-14	1 1/16-14	1/2-14	
12-12-12	1 1/16-14	1 1/16-14	3/4-14	



AVAILABILITY
» Brass

SAE 45° Tube to Pipe

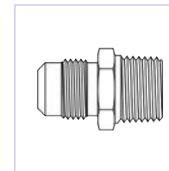
SHAPE			Straight
Dash Size	SAE 45 degree Male	Female Pipe	
02-02	5/16-24	1/8-27	
03-02	3/8-24	1/8-27	
03-04	3/8-24	1/4-18	
04-02	7/16-20	1/8-27	
04-04	7/16-20	1/4-18	
04-06	7/16-20	3/8-18	
04-08	7/16-20	1/2-14	
05-02	1/2-20	1/8-27	
05-04	1/2-20	1/4-18	
06-02	5/8-18	1/8-27	
06-04	5/8-18	1/4-18	
06-06	5/8-18	3/8-18	
06-08	5/8-18	1/2-14	
06-12	5/8-18	3/4-14	
08-04	3/4-16	1/4-18	
08-06	3/4-16	3/8-18	
08-08	3/4-16	1/2-14	
08-12	3/4-16	3/4-14	
10-06	7/8-14	3/8-18	
10-08	7/8-14	1/2-14	
10-12	7/8-14	3/4-14	
12-08	1 1/16-14	1/2-14	
12-12	1 1/16-14	3/4-14	

SAE 45° Tube to Pipe

SHAPE

Straight

Dash Size	SAE 45 degree Male	Male Pipe
02-02	5/16-24	1/8-27
03-02	3/8-24	1/8-27
03-04	3/8-24	1/4-18
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
04-08	7/16-20	1/2-14
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
05-06	1/2-20	3/8-18
05-08	1/2-20	1/2-14
06-02	5/8-18	1/8-27
06-04	5/8-18	1/4-18
06-06	5/8-18	3/8-18
06-08	5/8-18	1/2-14
06-12	5/8-18	3/4-14
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-04	7/8-14	1/4-18
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-14	1/2-14
12-12	1 1/16-14	3/4-14
14-12	1 1/4-12	3/4-14
16-12	1 3/8-12	3/4-14
16-16	1 3/8-12	1-11 1/2



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AVAILABILITY

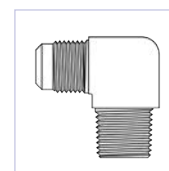
» Brass

SAE 45° Tube to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	SAE 45 degree Male	Male Pipe
02-02	5/16-24	1/8-27
03-02	3/8-24	1/8-27
03-04	3/8-24	1/4-18
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
04-06	7/16-20	3/8-18
04-08	7/16-20	1/2-14
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
05-06	1/2-20	3/8-18
05-08	1/2-20	1/2-14
06-02	5/8-18	1/8-27
06-04	5/8-18	1/4-18
06-06	5/8-18	3/8-18
06-08	5/8-18	1/2-14
06-12	5/8-18	3/4-14



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AVAILABILITY

» Brass

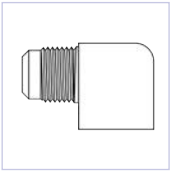
▼ 49 continues

49

▼ continued

Dash Size	SAE 45 degree Male	Male Pipe
08-04	3/4-16	1/4-18
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
08-12	3/4-16	3/4-14
10-04	7/8-14	1/4-18
10-06	7/8-14	3/8-18
10-08	7/8-14	1/2-14
10-12	7/8-14	3/4-14
12-08	1 1/16-14	1/2-14
12-12	1 1/16-14	3/4-14
14-12	1 1/4-12	3/4-14

50

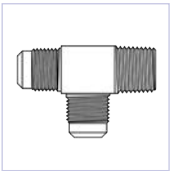


AVAILABILITY
» Brass

SAE 45° Tube to Pipe Elbow 90°

SHAPE			90 degree elbow
Dash Size	SAE 45 degree Male	Female Pipe	
03-02	3/8-24	1/8-27	
04-02	7/16-20	1/8-27	
04-04	7/16-20	1/4-18	
04-06	7/16-20	3/8-18	
04-08	7/16-20	1/2-14	
05-02	1/2-20	1/8-27	
05-04	1/2-20	1/4-18	
06-02	5/8-18	1/8-27	
06-04	5/8-18	1/4-18	
06-06	5/8-18	3/8-18	
06-08	5/8-18	1/2-14	
06-12	5/8-18	3/4-14	
08-04	3/4-16	1/4-18	
08-06	3/4-16	3/8-18	
08-08	3/4-16	1/2-14	
08-12	3/4-16	3/4-14	
10-06	7/8-14	3/8-18	
10-08	7/8-14	1/2-14	
10-12	7/8-14	3/4-14	
12-08	1 1/16-14	1/2-14	
12-12	1 1/16-14	3/4-14	
14-12	1 1/4-12	3/4-14	

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AVAILABILITY
» Brass

SAE 45° Tube to Pipe Run Tee

SHAPE				Tee
Dash Size	SAE 45 degree Male	Male Pipe	SAE 45 degree Male	
03-02-03	3/8-24	1/8-27	3/8-24	
04-02-04	7/16-20	1/8-27	7/16-20	
04-04-04	7/16-20	1/4-18	7/16-20	
05-02-05	1/2-20	1/8-27	1/2-20	
05-04-05	1/2-20	1/4-18	1/2-20	
06-02-06	5/8-18	1/8-27	5/8-18	
06-04-06	5/8-18	1/4-18	5/8-18	
06-06-06	5/8-18	3/8-18	5/8-18	
06-08-06	5/8-18	1/2-14	5/8-18	

Dash Size	SAE 45 degree Male	Male Pipe	SAE 45 degree Male
08-04-08	3/4-16	1/4-18	3/4-16
08-06-08	3/4-16	3/8-18	3/4-16
08-08-08	3/4-16	1/2-14	3/4-16
10-06-10	7/8-14	3/8-18	7/8-14
10-08-10	7/8-14	1/2-14	7/8-14
10-12-10	7/8-14	3/4-14	7/8-14
12-08-12	1 1/16-14	1/2-14	1 1/16-14
12-12-12	1 1/16-14	3/4-14	1 1/16-14

51

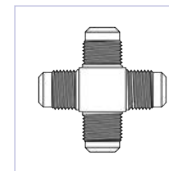
▼ continued

SAE 45° Tube Union Cross

SHAPE

Cross

Dash Size	SAE 45 degree Male	SAE 45 degree Male	SAE 45 degree Male	SAE 45 degree Male
04-04-04-04	7/16-20	7/16-20	7/16-20	7/16-20
05-05-05-05	1/2-20	1/2-20	1/2-20	1/2-20
06-06-06-06	5/8-18	5/8-18	5/8-18	5/8-18
08-08-08-08	3/4-16	3/4-16	3/4-16	3/4-16
10-10-10-10	7/8-14	7/8-14	7/8-14	7/8-14

**52**

AVAILABILITY

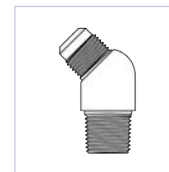
» Brass

SAE 45° Tube to Pipe Elbow 45°

SHAPE

45 degree elbow

Dash Size	SAE 45 degree Male	Male Pipe
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-04	5/8-18	1/4-18
06-06	5/8-18	3/8-18
06-08	5/8-18	1/2-14
08-06	3/4-16	3/8-18
08-08	3/4-16	1/2-14
10-08	7/8-14	1/2-14
12-08	1 1/16-14	1/2-14
12-12	1 1/16-14	3/4-14

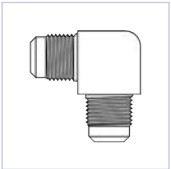
**54**

AVAILABILITY

» Brass



AVAILABILITY
» Brass

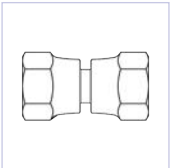


SAE 45° Tube Union Elbow 90°

SHAPE			90 degree elbow
Dash Size	SAE 45 degree Male	SAE 45 degree Male	
02-02	5/16-24	5/16-24	
03-03	3/8-24	3/8-24	
04-04	7/16-20	7/16-20	
05-05	1/2-20	1/2-20	
06-04	5/8-18	7/16-20	
06-06	5/8-18	5/8-18	
08-06	3/4-16	5/8-18	
08-08	3/4-16	3/4-16	
10-08	7/8-14	3/4-16	
10-10	7/8-14	7/8-14	
12-08	1 1/16-14	3/4-16	
12-12	1 1/16-14	1 1/16-14	
14-14	1 1/4-12	1 1/4-12	



AVAILABILITY
» Brass

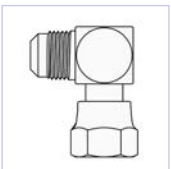


SAE 45° Swivel Union

SHAPE			Straight
Dash Size	SAE 45 degree Female Swivel	SAE 45 degree Female Swivel	
04-04	7/16-20	7/16-20	
05-05	1/2-20	1/2-20	
06-06	5/8-18	5/8-18	
08-08	3/4-16	3/4-16	
10-08	7/8-14	3/4-16	
10-10	7/8-14	7/8-14	
12-12	1 1/16-14	1 1/16-14	



AVAILABILITY
» Brass



SAE 45° Swivel to Elbow 90°

SHAPE			90 degree elbow
Dash Size	SAE 45 degree Male	SAE 45 degree Female Swivel	
04-04	7/16-20	7/16-20	
06-06	5/8-18	5/8-18	
08-08	3/4-16	3/4-16	
10-10	7/8-14	7/8-14	
12-12	1 1/16-14	1 1/16-14	

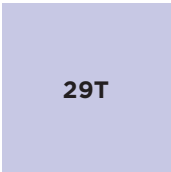
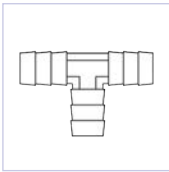
Brass Hose Barb Fittings

Hose Barb Tee

SHAPE

Tee

Dash Size	Hose Barb	Hose Barb	Hose Barb
04-04-04	1/4	1/4	1/4
05-05-05	5/16	5/16	5/16
06-06-06	3/8	3/8	3/8
08-08-08	1/2	1/2	1/2



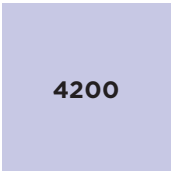
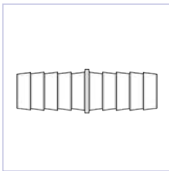
AVAILABILITY
» Brass

Hose Barb Splicer

SHAPE

Straight

Dash Size	Hose Barb	Hose Barb
02-02	1/8	1/8
03-03	3/16	3/16
04-04	1/4	1/4
05-05	5/16	5/16
06-04	3/8	1/4
06-06	3/8	3/8
08-08	1/2	1/2
10-06	5/8	3/8
10-10	5/8	5/8
12-12	3/4	3/4
16-16	1	1



AVAILABILITY
» Brass

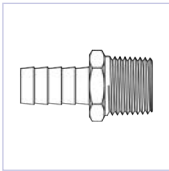
Hose Barb to Pipe

Also available in stainless steel upon request.

SHAPE

Straight

Dash Size	Hose Barb	Male Pipe
02-01	1/8	1/16-27
02-02	1/8	1/8-27
02-04	1/8	1/4-18
03-02	3/16	1/8-27
03-04	3/16	1/4-18
04-02	1/4	1/8-27
04-04	1/4	1/4-18
04-06	1/4	3/8-18
04-08	1/4	1/2-14
05-02	5/16	1/8-27
05-04	5/16	1/4-18
05-06	5/16	3/8-18
05-08	5/16	1/2-14
06-02	3/8	1/8-27
06-04	3/8	1/4-18
06-06	3/8	3/8-18
06-08	3/8	1/2-14
06-12	3/8	3/4-14



AVAILABILITY
» Brass

▼ 4244 continues

Brass Hose Barb Fittings

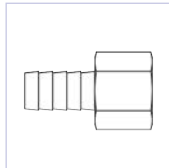
Brass Adapters & Fittings

4244

▼ continued

Dash Size	Hose Barb	Male Pipe
08-04	1/2	1/4-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14
08-12	1/2	3/4-14
10-06	5/8	3/8-18
10-08	5/8	1/2-14
10-12	5/8	3/4-14
12-06	3/4	3/8-18
12-08	3/4	1/2-14
12-12	3/4	3/4-14
12-16	3/4	1-11 1/2
16-08	1	1/2-14
16-12	1	3/4-14
16-16	1	1-11 1/2
20-16	1 1/4	1-11 1/2

4245



AVAILABILITY

» Brass

Hose Barb to Pipe (RIGID)

SHAPE

Straight

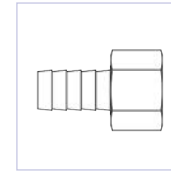
Dash Size	Hose Barb	Female Pipe
02-02	1/8	1/8-27
02-04	1/8	1/4-18
03-02	3/16	1/8-27
03-04	3/16	1/4-18
04-02	1/4	1/8-27
04-04	1/4	1/4-18
04-06	1/4	3/8-18
05-02	5/16	1/8-27
05-04	5/16	1/4-18
05-06	5/16	3/8-18
06-02	3/8	1/8-27
06-04	3/8	1/4-18
06-06	3/8	3/8-18
06-08	3/8	1/2-14
08-04	1/2	1/4-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14
12-12	3/4	3/4-14
16-12	1	3/4-14
16-16	1	1-11 1/2

Hose Barb to Ball Seat Pipe Swivel

SHAPE

Straight

Dash Size	Hose Barb	Female Pipe Swivel
02-02	1/8	1/8-27
03-02	3/16	1/8-27
03-04	3/16	1/4-18
04-04	1/4	1/4-18
04-06	1/4	3/8-18
05-04	5/16	1/4-18
06-04	3/8	1/4-18
06-06	3/8	3/8-18
06-08	3/8	1/2-14
08-06	1/2	3/8-18
08-08	1/2	1/2-14
12-12	3/4	3/4-14

**4245-S**

AVAILABILITY

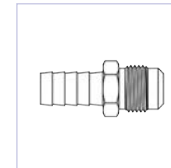
» Brass

Hose Barb to SAE 45° Flare

SHAPE

Straight

Dash Size	Hose Barb	SAE 45 degree Flare
04-04	1/4	7/16-20
04-06	1/4	5/8-18
05-05	5/16	1/2-20
06-06	3/8	5/8-18
08-08	1/2	3/4-16

**4250**

AVAILABILITY

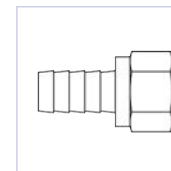
» Brass

Hose Barb to JIC Swivel

SHAPE

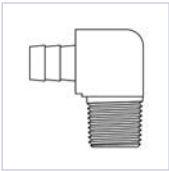
Straight

Dash Size	Hose Barb	Female JIC Swivel
03-03	3/16	3/8-24
04-04	1/4	7/16-20
04-05	1/4	1/2-20
04-06	1/4	9/16-18
05-06	5/16	9/16-18
06-06	3/8	9/16-18
06-08	3/8	3/4-16
08-08	1/2	3/4-16
08-10	1/2	7/8-14
10-10	5/8	7/8-14
12-12	3/4	1 1/16-12

**4255**

AVAILABILITY

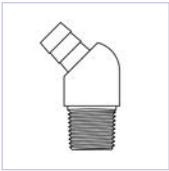
» Brass



Hose Barb to Pipe Elbow 90°

Also available in stainless steel upon request.

SHAPE			90 degree elbow
Dash Size	Hose Barb	Male Pipe	
02-04	1/8	1/4-18	
03-04	3/16	1/4-18	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
05-02	5/16	1/8-27	
05-04	5/16	1/4-18	
05-06	5/16	3/8-18	
06-02	3/8	1/8-27	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
06-08	3/8	1/2-14	
08-04	1/2	1/4-18	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	
10-06	5/8	3/8-18	
10-08	5/8	1/2-14	
10-12	5/8	3/4-14	
12-08	3/4	1/2-14	
12-12	3/4	3/4-14	
16-12	1	3/4-14	
16-16	1	1-11 1/2	

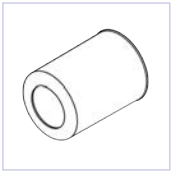


Hose Barb to Pipe Elbow 45°

SHAPE			45 degree elbow
Dash Size	Hose Barb	Male Pipe	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
05-04	5/16	1/4-18	
06-02	3/8	1/8-27	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
08-06	1/2	3/8-18	
10-06	5/8	3/8-18	

Brass Ferrule

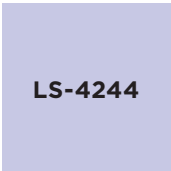
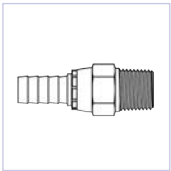
SHAPE			Ferrule
SKU	Ferrule ID	Ferrule Nominal Size	
BFL-0375	0.375	375	
BFL-0425	0.425	425	
BFL-0450	0.45	450	
BFL-0475	0.475	475	
BFL-0500	0.5	500	
BFL-0525	0.525	525	
BFL-0550	0.55	550	
BFL-0575	0.575	575	
BFL-0600	0.6	600	
BFL-0625	0.625	625	
BFL-0650	0.65	650	
BFL-0675	0.675	675	
BFL-0700	0.7	700	
BFL-0725	0.725	725	
BFL-0750	0.75	750	
BFL-0775	0.775	775	
BFL-0800	0.8	800	
BFL-0825	0.825	825	
BFL-0850	0.85	850	
BFL-0875	0.875	875	
BFL-0900	0.9	900	
BFL-0925	0.925	925	
BFL-0950	0.95	950	
BFL-0975	0.975	975	
BFL-1000	1	1000	
BFL-1025	1.025	1025	
BFL-1075	1.075	1075	
BFL-1100	1.1	1100	
BFL-1225	1.225	1225	
BFL-1350	1.35	1350	
BFL-1400	1.4	1400	
BFL-1500	1.5	1500	



AVAILABILITY
» Brass

Hose Barb to Pipe Swivel

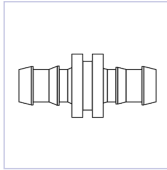
SHAPE			Straight
Dash Size	Hose Barb	Male Pipe Swivel	
04-04	1/4	1/4-18	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	
12-12	3/4	3/4-14	



AVAILABILITY
» Brass

Brass Push-On Barb Fittings

4300



Push-on Barb Hose Splicer

SHAPE

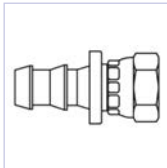
Straight

Dash Size	Hose Barb	Hose Barb
04-04	1/4	1/4
05-05	5/16	5/16
06-06	3/8	3/8
08-08	1/2	1/2
10-10	5/8	5/8
12-12	3/4	3/4

AVAILABILITY

» Brass

4301



Push-on Barb to SAE 45° Swivel

SHAPE

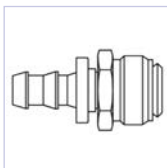
Straight

Dash Size	Hose Barb	SAE 45 degree Female Swivel
04-04	1/4	7/16-20
04-05	1/4	1/2-20
04-06	1/4	5/8-18
05-06	5/16	5/8-18
06-06	3/8	5/8-18
06-08	3/8	3/4-16
08-06	1/2	5/8-18
08-08	1/2	3/4-16
08-10	1/2	7/8-14
10-08	5/8	3/4-16
10-10	5/8	7/8-14
10-12	5/8	1 1/16-14
12-12	3/4	1 1/16-14

AVAILABILITY

» Brass

4303



Push-on Barb to SAE 45° Inverted Flare

SHAPE

Straight

Dash Size	Hose Barb	Inverted Flare
04-03	1/4	3/8-24
04-04	1/4	7/16-24
04-05	1/4	1/2-20
05-04	5/16	7/16-24
05-05	5/16	1/2-20
05-06	5/16	5/8-18
06-05	3/8	1/2-20
06-06	3/8	5/8-18
08-08	1/2	3/4-18
10-10	5/8	7/8-18
12-12	3/4	1 1/16-16

AVAILABILITY

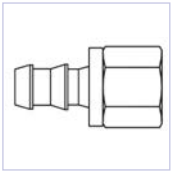
» Brass

Push-on Barb to SAE 45° Inverted Flare

SHAPE

Straight

Dash Size	Hose Barb	Inverted Flare
04-03	1/4	3/8-24
04-04	1/4	7/16-24
04-05	1/4	1/2-20
06-05	3/8	1/2-20
06-06	3/8	5/8-18
08-08	1/2	3/4-18



AVAILABILITY
» Brass

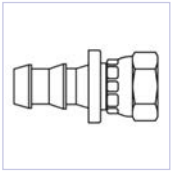
Push-on Barb to JIC Swivel DUAL SEAT 37/45°

Also available in stainless steel upon request and sizes 04-06, 06-06, 12-12 and 16-16 are Single Seat only.

SHAPE

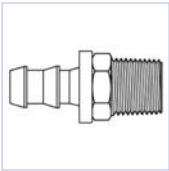
Straight

Dash Size	Hose Barb	Female JIC Swivel
04-04	1/4	7/16-20
04-05	1/4	1/2-20
04-06	1/4	9/16-18
05-05	5/16	1/2-20
06-05	3/8	1/2-20
06-06	3/8	9/16-18
06-08	3/8	3/4-16
08-08	1/2	3/4-16
08-10	1/2	7/8-14
10-08	5/8	3/4-16
10-10	5/8	7/8-14
12-10	3/4	7/8-14
12-12	3/4	1 1/16-12
16-16	1	1 5/16-12



AVAILABILITY
» Brass



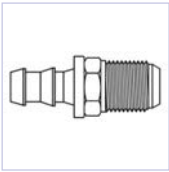


Push-on Barb to Pipe

Also available in stainless steel upon request.

AVAILABILITY
» Brass

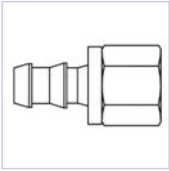
SHAPE			Straight
Dash Size	Hose Barb	Male Pipe	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
05-02	5/16	1/8-27	
05-04	5/16	1/4-18	
06-02	3/8	1/8-27	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
06-08	3/8	1/2-14	
08-04	1/2	1/4-18	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	
08-12	1/2	3/4-14	
10-06	5/8	3/8-18	
10-08	5/8	1/2-14	
10-12	5/8	3/4-14	
12-08	3/4	1/2-14	
12-12	3/4	3/4-14	
16-16	1	1-11 1/2	



Push-on Barb to JIC

AVAILABILITY
» Brass

SHAPE			Straight
Dash Size	Hose Barb	Male JIC	
04-04	1/4	7/16-20	
04-05	1/4	1/2-20	
04-06	1/4	9/16-18	
06-06	3/8	9/16-18	
06-08	3/8	3/4-16	
08-08	1/2	3/4-16	



Push-on Barb to Pipe

AVAILABILITY
» Brass

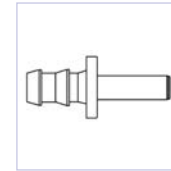
SHAPE			Straight
Dash Size	Hose Barb	Female Pipe	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
05-04	5/16	1/4-18	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	

Push-on Barb to Standpipe

SHAPE

Straight

Dash Size	Hose Barb	Standpipe
04-03	1/4	3/16
04-04	1/4	1/4
05-05	5/16	5/16
06-06	3/8	3/8

**4320**

AVAILABILITY

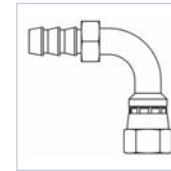
» Brass

Steel Push-on Barb to JIC Swivel 90° Bent Tube

SHAPE

90 degree elbow

Dash Size	Hose Barb	Female JIC Swivel
04-04	1/4	7/16-20
06-06	3/8	9/16-18
08-08	1/2	3/4-16
10-10	5/8	7/8-14

**4330**

AVAILABILITY

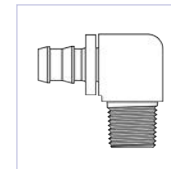
» Steel

Push-on Barb to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Hose Barb	Male Pipe
04-02	1/4	1/8-27
04-04	1/4	1/4-18
06-02	3/8	1/8-27
06-04	3/8	1/4-18
06-06	3/8	3/8-18
06-08	3/8	1/2-14
08-06	1/2	3/8-18
08-08	1/2	1/2-14
10-08	5/8	1/2-14
10-12	5/8	3/4-14
12-12	3/4	3/4-14

**4390**

AVAILABILITY

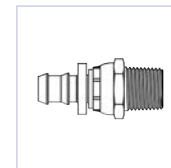
» Brass

Push-On Barb to Pipe Swivel - Brass

SHAPE

Straight

Dash Size	Hose Barb	Male Pipe Swivel
04-04	1/4	1/4-18
06-04	3/8	1/4-18
06-06	3/8	3/8-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14
12-12	3/4	3/4-14

**LS-4312**

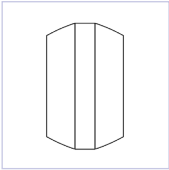
AVAILABILITY

» Brass

Brass Compression Adapters



AVAILABILITY
» Brass

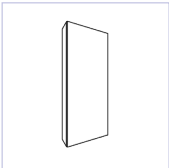


Tube Sleeve

SHAPE		Sleeve
Dash Size	Tube Size	
02	1/8	
03	3/16	
04	1/4	
05	5/16	
06	3/8	
08	1/2	
10	5/8	
12	3/4	
14	7/8	

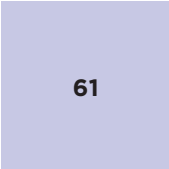


AVAILABILITY
» Nylon

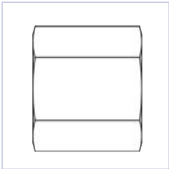


Delrin Tube Sleeve (NYLON)

SHAPE		Sleeve
Dash Size	Tube Size	
04	1/4	
05	5/16	
06	3/8	
08	1/2	
10	5/8	
12	3/4	



AVAILABILITY
» Brass



Tube Nut

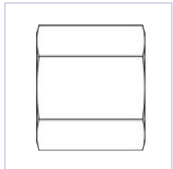
SHAPE		Nut
Dash Size	Brass Compression	
02	5/16-24	
03	3/8-24	
04	7/16-24	
05	1/2-24	
06	9/16-24	
08	11/16-20	
10	13/16-18	
12	1-18	
14	1 1/8-18	

Tube Cap

SHAPE

Cap

Dash Size	Brass Compression
04	7/16-24
06	9/16-24
08	11/16-20
10	13/16-18



61C

AVAILABILITY

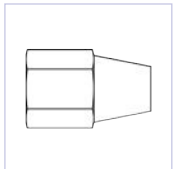
» Brass

Long Tube Nut

SHAPE

Nut

Dash Size	Brass Compression
03	3/8-24
04	7/16-24
05	1/2-24
06	9/16-24
08	11/16-20
10	13/16-18
12	1-18



61L

AVAILABILITY

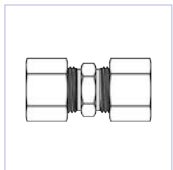
» Brass

Tube Union

SHAPE

Straight

Dash Size	Brass Compression	Brass Compression
02-02	5/16-24	5/16-24
03-03	3/8-24	3/8-24
04-02	7/16-24	5/16-24
04-04	7/16-24	7/16-24
05-05	1/2-24	1/2-24
06-04	9/16-24	7/16-24
06-06	9/16-24	9/16-24
08-06	11/16-20	9/16-24
08-08	11/16-20	11/16-20
10-08	13/16-18	11/16-20
10-10	13/16-18	13/16-18
12-12	1-18	1-18
14-14	1 1/8-18	1 1/8-18



62

AVAILABILITY

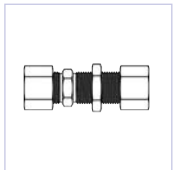
» Brass

Bulkhead Tube Union

SHAPE

Straight

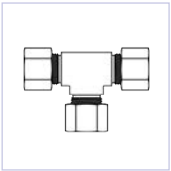
Dash Size	Brass Compression	Brass Compression
04-04	7/16-24	7/16-24
05-05	1/2-24	1/2-24
06-06	9/16-24	9/16-24
08-08	11/16-20	11/16-20



62-BH

AVAILABILITY

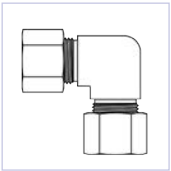
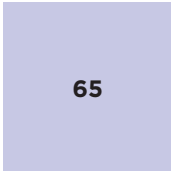
» Brass



AVAILABILITY
» Brass

Tube Union Tee

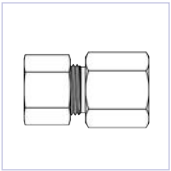
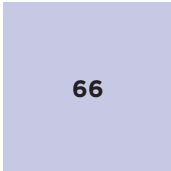
SHAPE				Tee
Dash Size	Brass Compression	Brass Compression	Brass Compression	
02-02-02	5/16-24	5/16-24	5/16-24	
03-03-03	3/8-24	3/8-24	3/8-24	
04-04-04	7/16-24	7/16-24	7/16-24	
05-05-05	1/2-24	1/2-24	1/2-24	
06-06-04	9/16-24	9/16-24	7/16-24	
06-06-06	9/16-24	9/16-24	9/16-24	
08-08-06	11/16-20	11/16-20	9/16-24	
08-08-08	11/16-20	11/16-20	11/16-20	
10-10-10	13/16-18	13/16-18	13/16-18	
12-12-12	1-18	1-18	1-18	



AVAILABILITY
» Brass

Tube Union Elbow 90°

SHAPE			90 degree elbow
Dash Size	Brass Compression	Brass Compression	
02-02	5/16-24	5/16-24	
03-03	3/8-24	3/8-24	
04-04	7/16-24	7/16-24	
05-05	1/2-24	1/2-24	
06-04	9/16-24	7/16-24	
06-06	9/16-24	9/16-24	
08-06	11/16-20	9/16-24	
08-08	11/16-20	11/16-20	
10-08	13/16-18	11/16-20	
10-10	13/16-18	13/16-18	
12-12	1-18	1-18	
14-14	1 1/8-18	1 1/8-18	



AVAILABILITY
» Brass

Tube to Pipe

SHAPE			Straight
Dash Size	Brass Compression	Female Pipe	
02-02	5/16-24	1/8-27	
03-02	3/8-24	1/8-27	
04-02	7/16-24	1/8-27	
04-04	7/16-24	1/4-18	
04-06	7/16-24	3/8-18	
04-08	7/16-24	1/2-14	
05-02	1/2-24	1/8-27	
05-04	1/2-24	1/4-18	
06-02	9/16-24	1/8-27	
06-04	9/16-24	1/4-18	
06-06	9/16-24	3/8-18	
06-08	9/16-24	1/2-14	
06-12	9/16-24	3/4-14	
08-04	11/16-20	1/4-18	
08-06	11/16-20	3/8-18	
08-08	11/16-20	1/2-14	
08-12	11/16-20	3/4-14	
10-06	13/16-18	3/8-18	

Dash Size	Brass Compression	Female Pipe
10-08	13/16-18	1/2-14
10-12	13/16-18	3/4-14
12-08	1-18	1/2-14
12-12	1-18	3/4-14

66

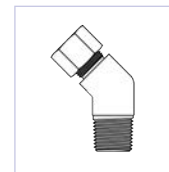
▼ continued

Tube to Pipe Elbow 45°

SHAPE

45 degree elbow

Dash Size	Brass Compression	Male Pipe
03-02	3/8-24	1/8-27
04-02	7/16-24	1/8-27
04-04	7/16-24	1/4-18
05-02	1/2-24	1/8-27
05-04	1/2-24	1/4-18
06-04	9/16-24	1/4-18
06-06	9/16-24	3/8-18
06-08	9/16-24	1/2-14
08-06	11/16-20	3/8-18
08-08	11/16-20	1/2-14
10-08	13/16-18	1/2-14

**67**

AVAILABILITY

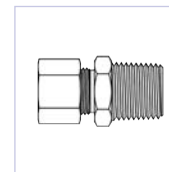
» Brass

Tube to Pipe

SHAPE

Straight

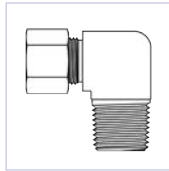
Dash Size	Brass Compression	Male Pipe
02-01	5/16-24	1/16-27
02-02	5/16-24	1/8-27
03-01	3/8-24	1/16-27
03-02	3/8-24	1/8-27
03-04	3/8-24	1/4-18
04-02	7/16-24	1/8-27
04-04	7/16-24	1/4-18
04-06	7/16-24	3/8-18
04-08	7/16-24	1/2-14
05-02	1/2-24	1/8-27
05-04	1/2-24	1/4-18
05-06	1/2-24	3/8-18
05-08	1/2-24	1/2-14
06-02	9/16-24	1/8-27
06-04	9/16-24	1/4-18
06-06	9/16-24	3/8-18
06-08	9/16-24	1/2-14
06-12	9/16-24	3/4-14
08-04	11/16-20	1/4-18
08-06	11/16-20	3/8-18
08-08	11/16-20	1/2-14
08-12	11/16-20	3/4-14
10-06	13/16-18	3/8-18
10-08	13/16-18	1/2-14
10-12	13/16-18	3/4-14
12-08	1-18	1/2-14
12-12	1-18	3/4-14
14-12	1 1/8-18	3/4-14

**68**

AVAILABILITY

» Brass

69



AVAILABILITY

» Brass

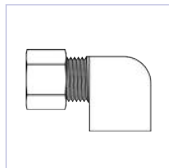
Tube to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Brass Compression	Male Pipe
02-02	5/16-24	1/8-27
03-02	3/8-24	1/8-27
03-04	3/8-24	1/4-18
04-02	7/16-24	1/8-27
04-04	7/16-24	1/4-18
04-06	7/16-24	3/8-18
04-08	7/16-24	1/2-14
05-02	1/2-24	1/8-27
05-04	1/2-24	1/4-18
05-06	1/2-24	3/8-18
06-02	9/16-24	1/8-27
06-04	9/16-24	1/4-18
06-06	9/16-24	3/8-18
06-08	9/16-24	1/2-14
06-12	9/16-24	3/4-14
08-04	11/16-20	1/4-18
08-06	11/16-20	3/8-18
08-08	11/16-20	1/2-14
08-12	11/16-20	3/4-14
10-06	13/16-18	3/8-18
10-08	13/16-18	1/2-14
10-12	13/16-18	3/4-14
12-08	1-18	1/2-14
12-12	1-18	3/4-14
14-12	1 1/8-18	3/4-14

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AVAILABILITY

» Brass

Tube to Pipe Elbow 90°

SHAPE

90 degree elbow

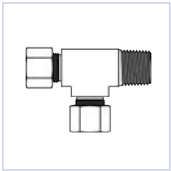
Dash Size	Brass Compression	Female Pipe
02-02	5/16-24	1/8-27
03-02	3/8-24	1/8-27
04-02	7/16-24	1/8-27
04-04	7/16-24	1/4-18
04-06	7/16-24	3/8-18
04-08	7/16-24	1/2-14
05-02	1/2-24	1/8-27
06-02	9/16-24	1/8-27
06-04	9/16-24	1/4-18
06-06	9/16-24	3/8-18
08-04	11/16-20	1/4-18
08-06	11/16-20	3/8-18
08-08	11/16-20	1/2-14
10-06	13/16-18	3/8-18
10-08	13/16-18	1/2-14
10-12	13/16-18	3/4-14
12-08	1-18	1/2-14
12-12	1-18	3/4-14

Tube to Pipe Run Tee

SHAPE

Tee

Dash Size	Brass Compression	Male Pipe	Brass Compression
02-02-02	5/16-24	1/8-27	5/16-24
03-02-03	3/8-24	1/8-27	3/8-24
04-02-04	7/16-24	1/8-27	7/16-24
04-04-04	7/16-24	1/4-18	7/16-24
05-02-05	1/2-24	1/8-27	1/2-24
05-04-05	1/2-24	1/4-18	1/2-24
06-02-06	9/16-24	1/8-27	9/16-24
06-04-06	9/16-24	1/4-18	9/16-24
06-06-06	9/16-24	3/8-18	9/16-24
08-06-08	11/16-20	3/8-18	11/16-20
08-08-08	11/16-20	1/2-14	11/16-20
10-08-10	13/16-18	1/2-14	13/16-18
12-08-12	1-18	1/2-14	1-18
12-12-12	1-18	3/4-14	1-18



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AVAILABILITY

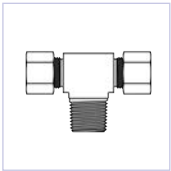
» Brass

Tube to Pipe Branch Tee

SHAPE

Tee

Dash Size	Brass Compression	Brass Compression	Male Pipe
02-02-02	5/16-24	5/16-24	1/8-27
03-03-02	3/8-24	3/8-24	1/8-27
04-04-02	7/16-24	7/16-24	1/8-27
04-04-04	7/16-24	7/16-24	1/4-18
05-05-02	1/2-24	1/2-24	1/8-27
06-06-02	9/16-24	9/16-24	1/8-27
06-06-04	9/16-24	9/16-24	1/4-18
06-06-06	9/16-24	9/16-24	3/8-18
08-08-04	11/16-20	11/16-20	1/4-18
08-08-06	11/16-20	11/16-20	3/8-18
08-08-08	11/16-20	11/16-20	1/2-14
10-10-08	13/16-18	13/16-18	1/2-14
12-12-08	1-18	1-18	1/2-14
12-12-12	1-18	1-18	3/4-14



72

AVAILABILITY

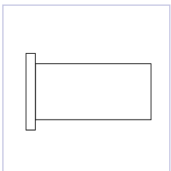
» Brass

Tube Insert

SHAPE

Insert

Dash Size	Brass Compression
02	5/16-24
03	3/8-24
04	7/16-24
05	1/2-24
06	9/16-24
08	11/16-20
10	13/16-18
12	1-18

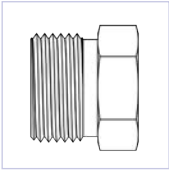


73

AVAILABILITY

» Brass

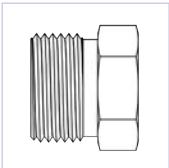
Brass Inverted Flare Adapters



Inverted Flare Nut-Brass

SHAPE		Nut
Dash Size	Inverted Flare	
02	5/16-28	
03	3/8-24	
04	7/16-24	
05	1/2-20	
06	5/8-18	
08	3/4-18	

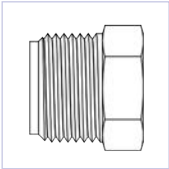
AVAILABILITY
» Brass



Inverted Flare Nut-Steel

SHAPE		Nut
Dash Size	Inverted Flare	
02	5/16-28	
03	3/8-24	
04	7/16-24	
05	1/2-20	
06	5/8-18	
08	3/4-18	
10	7/8-18	
12	1 1/16-16	

AVAILABILITY
» Steel



Inverted Flare Plug

Size 03 through 06 Steel and -08 Brass.

SHAPE		Plug
Dash Size	Inverted Flare	
03	3/8-24	
04	7/16-24	
05	1/2-20	
06	5/8-18	
08	3/4-18	

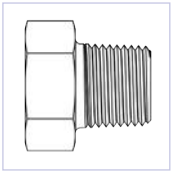
AVAILABILITY
» Brass

Tube to Pipe

SHAPE

Straight

Dash Size	Inverted Flare	Male Pipe
02-02	5/16-28	1/8-27
03-02	3/8-24	1/8-27
04-02	7/16-24	1/8-27
04-04	7/16-24	1/4-18
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-02	5/8-18	1/8-27
06-04	5/8-18	1/4-18
06-06	5/8-18	3/8-18
08-04	3/4-18	1/4-18
08-06	3/4-18	3/8-18
08-08	3/4-18	1/2-14
10-08	7/8-18	1/2-14
12-12	1 1/16-16	3/4-14



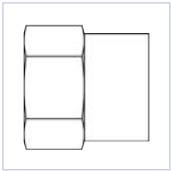
AVAILABILITY
» Brass

Tube to Pipe

SHAPE

Straight

Dash Size	Inverted Flare	Female Pipe
03-02	3/8-24	1/8-27
04-02	7/16-24	1/8-27
05-02	1/2-20	1/8-27
06-04	5/8-18	1/4-18
08-06	3/4-18	3/8-18
10-08	7/8-18	1/2-14
10-12	7/8-18	3/4-14



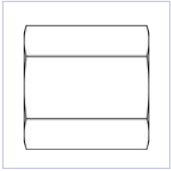
AVAILABILITY
» Brass

Tube Union

SHAPE

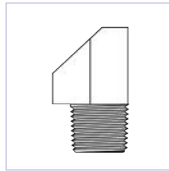
Straight

Dash Size	Inverted Flare	Inverted Flare
02-02	5/16-28	5/16-28
03-03	3/8-24	3/8-24
04-04	7/16-24	7/16-24
05-05	1/2-20	1/2-20
06-06	5/8-18	5/8-18
08-08	3/4-18	3/4-18



AVAILABILITY
» Brass

352



AVAILABILITY

» Brass

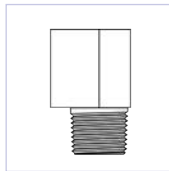
Tube to Pipe Elbow 45°

SHAPE

45 degree elbow

Dash Size	Inverted Flare	Male Pipe
03-02	3/8-24	1/8-27
04-02	7/16-24	1/8-27
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-04	5/8-18	1/4-18
08-06	3/4-18	3/8-18

402



AVAILABILITY

» Brass

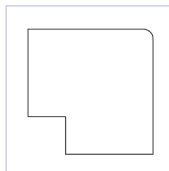
Tube to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Inverted Flare	Male Pipe
02-02	5/16-28	1/8-27
03-02	3/8-24	1/8-27
04-02	7/16-24	1/8-27
04-04	7/16-24	1/4-18
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-02	5/8-18	1/8-27
06-04	5/8-18	1/4-18
06-06	5/8-18	3/8-18
08-06	3/4-18	3/8-18
08-08	3/4-18	1/2-14
10-08	7/8-18	1/2-14
12-12	1 1/16-16	3/4-14

452



AVAILABILITY

» Brass

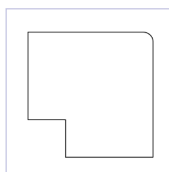
Tube to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Inverted Flare	Female Pipe
04-02	7/16-24	1/8-27
05-02	1/2-20	1/8-27
06-04	5/8-18	1/4-18
08-06	3/4-18	3/8-18
10-08	7/8-18	1/2-14

502



AVAILABILITY

» Brass

Tube Union Elbow 90°

SHAPE

90 degree elbow

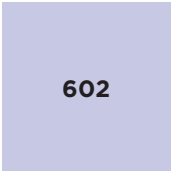
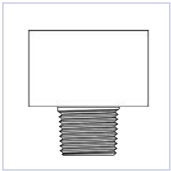
Dash Size	Inverted Flare	Inverted Flare
04-04	7/16-24	7/16-24
05-05	1/2-20	1/2-20
06-06	5/8-18	5/8-18
08-08	3/4-18	3/4-18

Tube to Pipe Branch Tee

SHAPE

Tee

Dash Size	Inverted Flare	Inverted Flare	Male Pipe
03-03-02	3/8-24	3/8-24	1/8-27
04-04-02	7/16-24	7/16-24	1/8-27
05-05-02	1/2-20	1/2-20	1/8-27
06-06-04	5/8-18	5/8-18	1/4-18
08-08-06	3/4-18	3/4-18	3/8-18



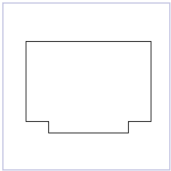
AVAILABILITY
» Brass

Tube Union Tee

SHAPE

Tee

Dash Size	Inverted Flare	Inverted Flare	Inverted Flare
03-03-03	3/8-24	3/8-24	3/8-24
04-04-04	7/16-24	7/16-24	7/16-24
05-05-05	1/2-20	1/2-20	1/2-20
06-06-06	5/8-18	5/8-18	5/8-18
08-08-08	3/4-18	3/4-18	3/4-18



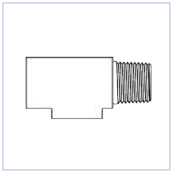
AVAILABILITY
» Brass

Tube to Pipe Run Tee

SHAPE

Tee

Dash Size	Inverted Flare	Male Pipe	Inverted Flare
03-02-03	3/8-24	1/8-27	3/8-24
04-02-04	7/16-24	1/8-27	7/16-24
05-02-05	1/2-20	1/8-27	1/2-20
06-04-06	5/8-18	1/4-18	5/8-18
08-06-08	3/4-18	3/8-18	3/4-18



AVAILABILITY
» Brass

Brass Needle Valves and Drain Cocks

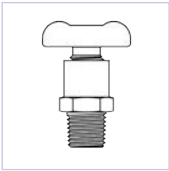


Internal Seat

Dash Size	Male Pipe
02	1/8-27
04	1/4-18
06	3/8-18

AVAILABILITY

» Brass

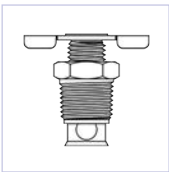


Tee Handle Internal Seat

Dash Size	Male Pipe
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14

AVAILABILITY

» Brass

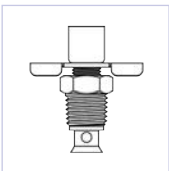


External Seat

Dash Size	Male Pipe
02	1/8-27
04	1/4-18
06	3/8-18
08	1/2-14

AVAILABILITY

» Brass

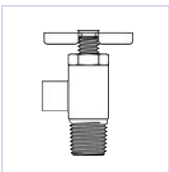


External Seat

Dash Size	Male Pipe
04	1/4-18

AVAILABILITY

» Brass



Angle BIB Drain Cock

SHAPE	
90 degree elbow	
Dash Size	Male Pipe
02	1/8-27
04	1/4-18

AVAILABILITY

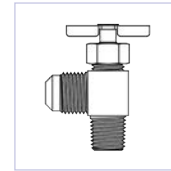
» Brass

SAE 45° to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	SAE 45 degree Flare	Male Pipe
04-02	7/16-20	1/8-27
05-02	1/2-20	1/8-27
05-04	1/2-20	1/4-18
06-04	5/8-18	1/4-18



NV101

AVAILABILITY

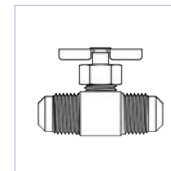
» Brass

SAE 45° Union

SHAPE

Straight

Dash Size	SAE 45 degree Flare	SAE 45 degree Flare
04-04	7/16-20	7/16-20
06-06	5/8-18	5/8-18



NV102

AVAILABILITY

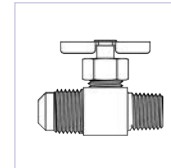
» Brass

SAE 45° to Pipe

SHAPE

Straight

Dash Size	SAE 45 degree Flare	Male Pipe
04-02	7/16-20	1/8-27
04-04	7/16-20	1/4-18
05-02	1/2-20	1/8-27
06-04	5/8-18	1/4-18



NV103

AVAILABILITY

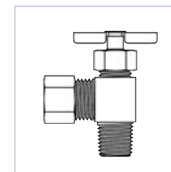
» Brass

Compression to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Brass Compression	Male Pipe
03-02	3/8-24	1/8-27
04-02	7/16-24	1/8-27
04-04	7/16-24	1/4-18
06-04	9/16-24	1/4-18



NV104

AVAILABILITY

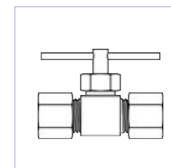
» Brass

Compression Union

SHAPE

Straight

Dash Size	Brass Compression	Brass Compression
03-03	3/8-24	3/8-24
04-04	7/16-24	7/16-24
05-05	1/2-24	1/2-24
06-06	9/16-24	9/16-24



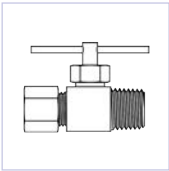
NV105

AVAILABILITY

» Brass



AVAILABILITY
» Brass

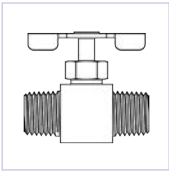


Compression to Pipe

SHAPE			Straight
Dash Size	Brass Compression	Male Pipe	
03-02	3/8-24	1/8-27	
04-02	7/16-24	1/8-27	
04-04	7/16-24	1/4-18	
05-02	1/2-24	1/8-27	
06-04	9/16-24	1/4-18	



AVAILABILITY
» Brass

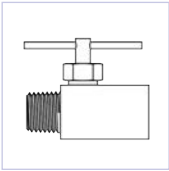


Pipe Union

SHAPE			Straight
Dash Size	Male Pipe	Male Pipe	
02-02	1/8-27	1/8-27	
04-04	1/4-18	1/4-18	



AVAILABILITY
» Brass

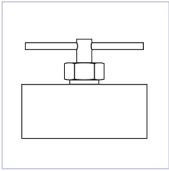


Pipe to Pipe

SHAPE			Straight
Dash Size	Male Pipe	Female Pipe	
02-02	1/8-27	1/8-27	
04-04	1/4-18	1/4-18	



AVAILABILITY
» Brass



Pipe Union

SHAPE			Straight
Dash Size	Female Pipe	Female Pipe	
02-02	1/8-27	1/8-27	
04-04	1/4-18	1/4-18	

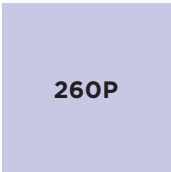
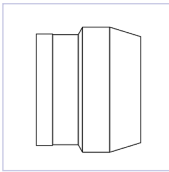
Brass Poly Flow Fittings

Nylon Sleeve

SHAPE

Sleeve

Dash Size	Tube Size
04	1/4
05	5/16
06	3/8
08	1/2



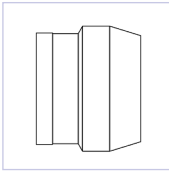
AVAILABILITY
» Nylon

Brass Sleeve

SHAPE

Sleeve

Dash Size	Tube Size
02	1/8
04	1/4
05	5/16
06	3/8
08	1/2



AVAILABILITY
» Brass

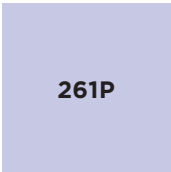
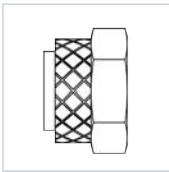


Brass Nut and Nylon Sleeve Assembly

SHAPE

Nut

Dash Size	Poly Flow
04	1/4
05	5/16
06	3/8
08	1/2



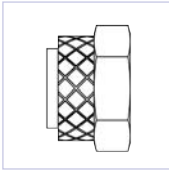
AVAILABILITY
» Nylon

Brass Nut and Brass Sleeve

SHAPE

Nut

Dash Size	Poly Flow
02	1/8
04	1/4
06	3/8
08	1/2



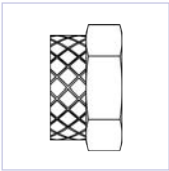
AVAILABILITY
» Brass



261U

AVAILABILITY

» Brass



Brass Nut

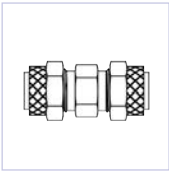
SHAPE		Nut
Dash Size	Poly Flow	
02	1/8	
03	3/16	
04	1/4	
05	5/16	
06	3/8	
08	1/2	



262P

AVAILABILITY

» Brass



Tube Union

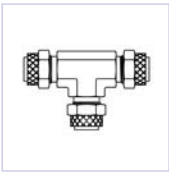
SHAPE			Straight
Dash Size	Poly Flow	Poly Flow	
02-02	1/8	1/8	
03-03	3/16	3/16	
04-04	1/4	1/4	
05-05	5/16	5/16	
06-06	3/8	3/8	
08-08	1/2	1/2	



264P

AVAILABILITY

» Brass



Tube Union Tee

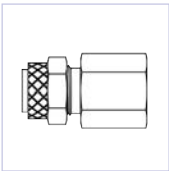
SHAPE				Tee
Dash Size	Poly Flow	Poly Flow	Poly Flow	
02-02-02	1/8	1/8	1/8	
03-03-03	3/16	3/16	3/16	
04-04-04	1/4	1/4	1/4	
05-05-05	5/16	5/16	5/16	
06-06-06	3/8	3/8	3/8	
08-08-08	1/2	1/2	1/2	



266P

AVAILABILITY

» Brass



Tube to Pipe

SHAPE			Straight
Dash Size	Poly Flow	Female Pipe	
02-02	1/8	1/8-27	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
05-02	5/16	1/8-27	
06-04	3/8	1/4-18	
08-06	1/2	3/8-18	

Tube to Pipe

SHAPE			Straight
Dash Size	Poly Flow	Male Pipe	
02-01	1/8	1/16-27	
02-02	1/8	1/8-27	
02-10/32	1/8	10-32 UNF	
03-02	3/16	1/8-27	
04-01	1/4	1/16-27	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
04-10/32	1/4	10-32 UNF	
05-02	5/16	1/8-27	
05-04	5/16	1/4-18	
06-02	3/8	1/8-27	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	

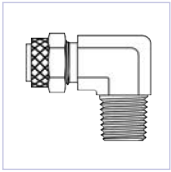


268P

AVAILABILITY
» Brass

Tube to Pipe Elbow 90°

SHAPE			90 degree elbow
Dash Size	Poly Flow	Male Pipe	
02-02	1/8	1/8-27	
03-02	3/16	1/8-27	
04-01	1/4	1/16-27	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
05-02	5/16	1/8-27	
06-02	3/8	1/8-27	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
08-06	1/2	3/8-18	

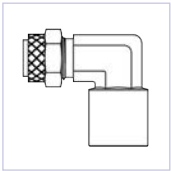


269P

AVAILABILITY
» Brass

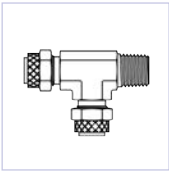
Tube to Pipe Elbow 90°

SHAPE			90 degree elbow
Dash Size	Poly Flow	Female Pipe	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
05-02	5/16	1/8-27	
06-04	3/8	1/4-18	
08-06	1/2	3/8-18	



270P

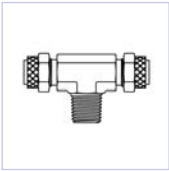
AVAILABILITY
» Brass



Tube to Pipe Run Tee

AVAILABILITY
» Brass

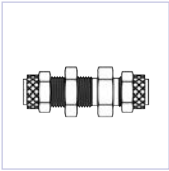
SHAPE				Tee
Dash Size	Poly Flow	Male Pipe	Poly Flow	
02-02-02	1/8	1/8-27	1/8	
04-02-04	1/4	1/8-27	1/4	
04-04-04	1/4	1/4-18	1/4	
05-02-05	5/16	1/8-27	5/16	
06-02-06	3/8	1/8-27	3/8	
06-04-06	3/8	1/4-18	3/8	
08-06-08	1/2	3/8-18	1/2	



Tube to Pipe Branch Tee

AVAILABILITY
» Brass

SHAPE				Tee
Dash Size	Poly Flow	Poly Flow	Male Pipe	
02-02-02	1/8	1/8	1/8-27	
04-04-02	1/4	1/4	1/8-27	
04-04-04	1/4	1/4	1/4-18	
05-05-02	5/16	5/16	1/8-27	
06-06-02	3/8	3/8	1/8-27	
06-06-04	3/8	3/8	1/4-18	
08-08-06	1/2	1/2	3/8-18	



Tube Bulkhead Union

AVAILABILITY
» Brass

SHAPE			Straight
Dash Size	Poly Flow	Poly Flow	
04-04	1/4	1/4	
05-05	5/16	5/16	
06-06	3/8	3/8	
08-08	1/2	1/2	

Brass Poly Push Fittings

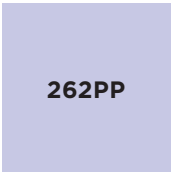
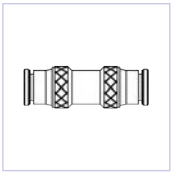
Tube Union

Also available with nickel plating. Order as NP262PP-XX-XX.

SHAPE

Straight

Dash Size	Poly Push	Poly Push
02-02	1/8	1/8
02.5-02.5	5/32	5/32
04-04	1/4	1/4
05-05	5/16	5/16
06-06	3/8	3/8
08-08	1/2	1/2



262PP

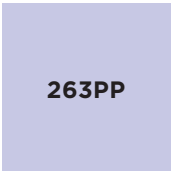
AVAILABILITY
» Brass

Tube Union Reducer

SHAPE

Reducer

Dash Size	Poly Push	Poly Push
04-02	1/4	1/8
05-04	5/16	1/4
06-02	3/8	1/8
06-04	3/8	1/4
08-04	1/2	1/4
08-06	1/2	3/8



263PP

AVAILABILITY
» Brass

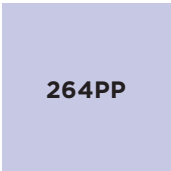
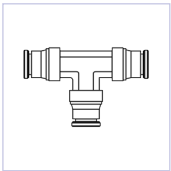
Tube Union Tee

Also available with nickel plating. Order as NP264PP-XX-XX.

SHAPE

Tee

Dash Size	Poly Push	Poly Push	Poly Push
02-02-02	1/8	1/8	1/8
02.5-02.5-02.5	5/32	5/32	5/32
04-04-04	1/4	1/4	1/4
05-05-05	5/16	5/16	5/16
06-06-06	3/8	3/8	3/8
08-08-08	1/2	1/2	1/2



264PP

AVAILABILITY
» Brass

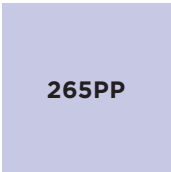
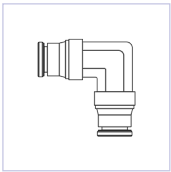
Tube Union Elbow 90°

Also available with nickel plating. Order as NP265PP-XX-XX.

SHAPE

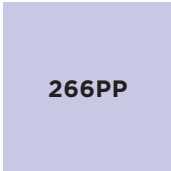
90 degree elbow

Dash Size	Poly Push	Poly Push
02.5-02.5	5/32	5/32
04-04	1/4	1/4
05-05	5/16	5/16
06-06	3/8	3/8
08-08	1/2	1/2

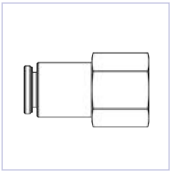


265PP

AVAILABILITY
» Brass



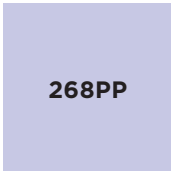
AVAILABILITY
» Brass



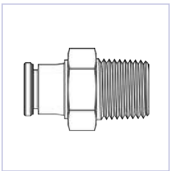
Tube to Pipe

Also available with nickel plating. Order as NP266PP-XX-XX.

SHAPE			Straight
Dash Size	Poly Push	Female Pipe	
02-02	1/8	1/8-27	
02.5-02	5/32	1/8-27	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	



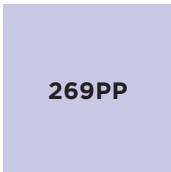
AVAILABILITY
» Brass



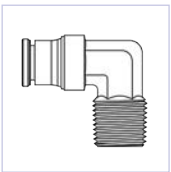
Tube to Pipe

Also available with nickel plating. Order as NP268PP-XX-XX.

SHAPE			Straight
Dash Size	Poly Push	Male Pipe	
02-01	1/8	1/16-27	
02-02	1/8	1/8-27	
02-10/32	1/8	10-32 UNF	
02.5-02	5/32	1/8-27	
02.5-04	5/32	1/4-18	
02.5-10/32	5/32	10-32 UNF	
03-02	3/16	1/8-27	
04-01	1/4	1/16-27	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
04-10/32	1/4	10-32 UNF	
05-02	5/16	1/8-27	
05-04	5/16	1/4-18	
06-02	3/8	1/8-27	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
06-08	3/8	1/2-14	
08-04	1/2	1/4-18	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	



AVAILABILITY
» Brass



Tube to Pipe Elbow 90°

Also available with nickel plating. Order as NP269PP-XX-XX.

SHAPE			90 degree elbow
Dash Size	Poly Push	Male Pipe	
02-02	1/8	1/8-27	
02.5-02	5/32	1/8-27	
03-02	3/16	1/8-27	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
05-02	5/16	1/8-27	
05-04	5/16	1/4-18	

Brass Adapters & Fittings

Brass Poly Push Fittings

Dash Size	Poly Push	Male Pipe
06-02	3/8	1/8-27
06-04	3/8	1/4-18
06-06	3/8	3/8-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14

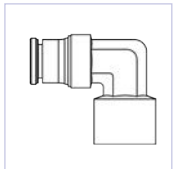
269PP
▼ continued

Tube to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Poly Push	Female Pipe
02.5-02	5/32	1/8-27
04-02	1/4	1/8-27
04-04	1/4	1/4-18
06-04	3/8	1/4-18



270PP

AVAILABILITY
» Brass

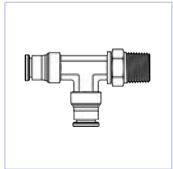
Tube to Pipe Swivel Run Tee

Also available with nickel plating. Order as NP271PP-XX-XX-XX.

SHAPE

Tee

Dash Size	Poly Push	Male Pipe Swivel	Poly Push
02.5-02-02.5	5/32	1/8-27	5/32
04-02-04	1/4	1/8-27	1/4
04-04-04	1/4	1/4-18	1/4
05-02-05	5/16	1/8-27	5/16
06-04-06	3/8	1/4-18	3/8
08-06-08	1/2	3/8-18	1/2
08-08-08	1/2	1/2-14	1/2



271PP

AVAILABILITY
» Brass

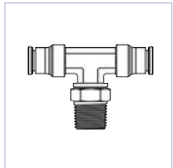
Tube to Pipe Swivel Branch Tee

Also available with nickel plating. Order as NP272PP-XX-XX-XX.

SHAPE

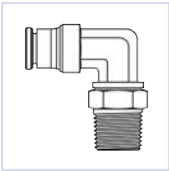
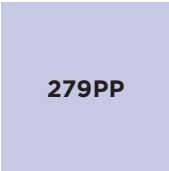
Tee

Dash Size	Poly Push	Poly Push	Male Pipe Swivel
02-02-02	1/8	1/8	1/8-27
02.5-02.5-02	5/32	5/32	1/8-27
04-04-02	1/4	1/4	1/8-27
04-04-04	1/4	1/4	1/4-18
05-05-02	5/16	5/16	1/8-27
06-06-04	3/8	3/8	1/4-18
06-06-06	3/8	3/8	3/8-18
08-08-06	1/2	1/2	3/8-18
08-08-08	1/2	1/2	1/2-14



272PP

AVAILABILITY
» Brass



Tube to Pipe Swivel Elbow 90°

Also available with nickel plating. Order as NP279PP-XX-XX.

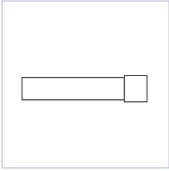
SHAPE			90 degree elbow
Dash Size	Poly Push	Male Pipe Swivel	
02-02	1/8	1/8-27	
02-04	1/8	1/4-18	
02.5-02	5/32	1/8-27	
02.5-04	5/32	1/4-18	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
05-02	5/16	1/8-27	
05-04	5/16	1/4-18	
06-02	3/8	1/8-27	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
06-08	3/8	1/2-14	
08-04	1/2	1/4-18	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	



Tube Bulkhead Union

Also available with nickel plating. Order as NP282PP-XX-XX.

SHAPE			Straight
Dash Size	Poly Push	Poly Push	
02-02	1/8	1/8	
02.5-02.5	5/32	5/32	
04-04	1/4	1/4	
05-05	5/16	5/16	
06-06	3/8	3/8	
08-08	1/2	1/2	



Tube Plug

SHAPE		Plug
Dash Size	Poly Push	
02	1/8	
02.5	5/32	
04	1/4	
05	5/16	
06	3/8	
08	1/2	

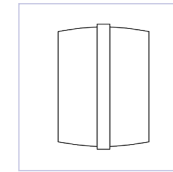
Brass D.O.T. Air Brake Fittings

Tube Sleeve

SHAPE

Sleeve

Dash Size	Tube Size
04	1/4
06	3/8
08	1/2
10	5/8
12	3/4



1460

AVAILABILITY

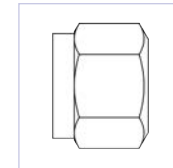
» Brass

Tube Nut

SHAPE

Nut

Dash Size	Brass Compression
04	7/16-24
06	17/32-24
08	11/16-20
10	13/16-18
12	1-18



1461

AVAILABILITY

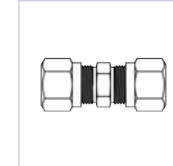
» Brass

Tube Union

SHAPE

Straight

Dash Size	Brass Compression	Brass Compression
04-04	7/16-24	7/16-24
06-06	17/32-24	17/32-24
08-06	11/16-20	17/32-24
08-08	11/16-20	11/16-20
10-10	13/16-18	13/16-18
12-12	1-18	1-18



1462

AVAILABILITY

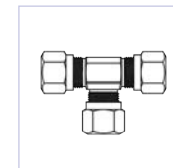
» Brass

Tube Union Tee

SHAPE

Tee

Dash Size	Brass Compression	Brass Compression	Brass Compression
04-04-04	7/16-24	7/16-24	7/16-24
06-06-06	17/32-24	17/32-24	17/32-24
08-08-06	11/16-20	11/16-20	17/32-24
08-08-08	11/16-20	11/16-20	11/16-20
10-10-10	13/16-18	13/16-18	13/16-18

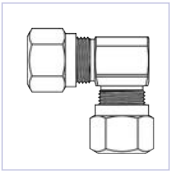


1464

AVAILABILITY

» Brass

1465

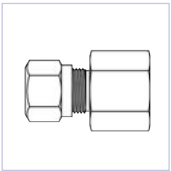


AVAILABILITY
» Brass

Tube Union Elbow 90°

SHAPE			90 degree elbow
Dash Size	Brass Compression	Brass Compression	
04-04	7/16-24	7/16-24	
06-06	17/32-24	17/32-24	
08-08	11/16-20	11/16-20	
10-10	13/16-18	13/16-18	

1466

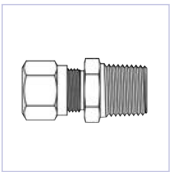


AVAILABILITY
» Brass

Tube to Pipe

SHAPE			Straight
Dash Size	Brass Compression	Female Pipe	
04-02	7/16-24	1/8-27	
04-04	7/16-24	1/4-18	
06-02	17/32-24	1/8-27	
06-04	17/32-24	1/4-18	
06-06	17/32-24	3/8-18	
08-06	11/16-20	3/8-18	
08-08	11/16-20	1/2-14	
10-06	13/16-18	3/8-18	
10-08	13/16-18	1/2-14	

1468



AVAILABILITY
» Brass

Tube to Pipe

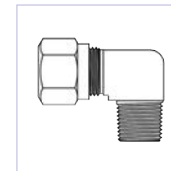
SHAPE			Straight
Dash Size	Brass Compression	Male Pipe	
04-02	7/16-24	1/8-27	
04-04	7/16-24	1/4-18	
04-06	7/16-24	3/8-18	
06-02	17/32-24	1/8-27	
06-04	17/32-24	1/4-18	
06-06	17/32-24	3/8-18	
06-08	17/32-24	1/2-14	
08-04	11/16-20	1/4-18	
08-06	11/16-20	3/8-18	
08-08	11/16-20	1/2-14	
10-06	13/16-18	3/8-18	
10-08	13/16-18	1/2-14	
10-12	13/16-18	3/4-14	
12-08	1-18	1/2-14	
12-12	1-18	3/4-14	

Tube to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Brass Compression	Male Pipe
04-02	7/16-24	1/8-27
04-04	7/16-24	1/4-18
04-06	7/16-24	3/8-18
06-02	17/32-24	1/8-27
06-04	17/32-24	1/4-18
06-06	17/32-24	3/8-18
06-08	17/32-24	1/2-14
08-04	11/16-20	1/4-18
08-06	11/16-20	3/8-18
08-08	11/16-20	1/2-14
10-06	13/16-18	3/8-18
10-08	13/16-18	1/2-14
10-12	13/16-18	3/4-14
12-08	1-18	1/2-14
12-12	1-18	3/4-14



1469

AVAILABILITY

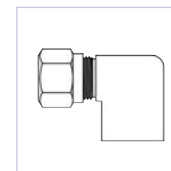
» Brass

Tube to Pipe Elbow 90°

SHAPE

90 degree elbow

Dash Size	Brass Compression	Female Pipe
04-02	7/16-24	1/8-27
04-04	7/16-24	1/4-18
06-02	17/32-24	1/8-27
06-04	17/32-24	1/4-18
06-06	17/32-24	3/8-18
08-06	11/16-20	3/8-18
08-08	11/16-20	1/2-14
10-08	13/16-18	1/2-14



1470

AVAILABILITY

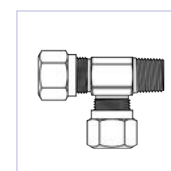
» Brass

Tube to Pipe Run Tee

SHAPE

Tee

Dash Size	Brass Compression	Male Pipe	Brass Compression
04-02-04	7/16-24	1/8-27	7/16-24
04-04-04	7/16-24	1/4-18	7/16-24
06-04-06	17/32-24	1/4-18	17/32-24
06-06-06	17/32-24	3/8-18	17/32-24
08-06-08	11/16-20	3/8-18	11/16-20
08-08-08	11/16-20	1/2-14	11/16-20
10-08-10	13/16-18	1/2-14	13/16-18



1471

AVAILABILITY

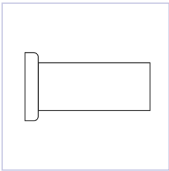
» Brass



Tube to Pipe Branch Tee

AVAILABILITY
» Brass

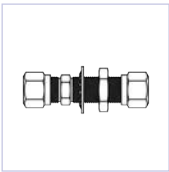
SHAPE				Tee
Dash Size	Brass Compression	Brass Compression	Male Pipe	
04-04-02	7/16-24	7/16-24	1/8-27	
04-04-04	7/16-24	7/16-24	1/4-18	
06-06-02	17/32-24	17/32-24	1/8-27	
06-06-04	17/32-24	17/32-24	1/4-18	
06-06-06	17/32-24	17/32-24	3/8-18	
08-08-04	11/16-20	11/16-20	1/4-18	
08-08-06	11/16-20	11/16-20	3/8-18	
08-08-08	11/16-20	11/16-20	1/2-14	
10-10-08	13/16-18	13/16-18	1/2-14	



Tube Insert

AVAILABILITY
» Stainless Steel

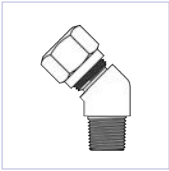
SHAPE		Insert
Dash Size	Comp DOT	
04	1/4	
06	3/8	
08	1/2	
10	5/8	
12	3/4	



Tube Bulkhead Union

AVAILABILITY
» Brass

SHAPE			Straight
Dash Size	Brass Compression	Brass Compression	
04-04	7/16-24	7/16-24	
06-06	17/32-24	17/32-24	
08-08	11/16-20	11/16-20	

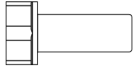


Tube to Pipe Elbow 45°

AVAILABILITY
» Brass

SHAPE			45 degree elbow
Dash Size	Brass Compression	Male Pipe	
04-02	7/16-24	1/8-27	
04-04	7/16-24	1/4-18	
06-02	17/32-24	1/8-27	
06-04	17/32-24	1/4-18	
06-06	17/32-24	3/8-18	
06-08	17/32-24	1/2-14	
08-06	11/16-20	3/8-18	
08-08	11/16-20	1/2-14	
10-08	13/16-18	1/2-14	
12-08	1-18	1/2-14	

Air Brake Insert

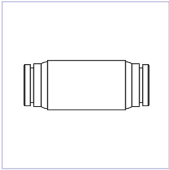
SHAPE		Insert
Dash Size	Comp DOT	
04	1/4	
06	3/8	
08	1/2	
10	5/8	

1484

AVAILABILITY
» Brass

Brass Push-In D.O.T. Fittings

1562

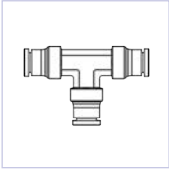


Tube Union

SHAPE			Straight
Dash Size	Push-In DOT	Push-In DOT	
02-02	1/8	1/8	
02.5-02.5	5/32	5/32	
03-03	3/16	3/16	
04-04	1/4	1/4	
06-06	3/8	3/8	
08-08	1/2	1/2	
10-10	5/8	5/8	

AVAILABILITY
» Brass

1564

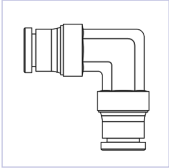


Tube Union Tee

SHAPE				Tee
Dash Size	Push-In DOT	Push-In DOT	Push-In DOT	
04-04-04	1/4	1/4	1/4	
06-06-06	3/8	3/8	3/8	
08-08-08	1/2	1/2	1/2	
12-12-12	3/4	3/4	3/4	

AVAILABILITY
» Brass

1565

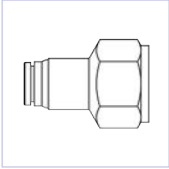


Tube Union Elbow 90°

SHAPE			90 degree elbow
Dash Size	Push-In DOT	Push-In DOT	
04-04	1/4	1/4	
06-06	3/8	3/8	
08-08	1/2	1/2	

AVAILABILITY
» Brass

1566



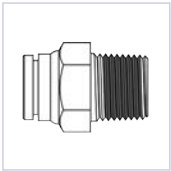
Tube to Pipe

SHAPE			Straight
Dash Size	Push-In DOT	Female Pipe	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
08-08	1/2	1/2-14	

AVAILABILITY
» Brass

Tube to Pipe

SHAPE			Straight
Dash Size	Push-In DOT	Male Pipe	
02.5-01	5/32	1/16-27	
02.5-02	5/32	1/8-27	
03-02	3/16	1/8-27	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
06-02	3/8	1/8-27	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
06-08	3/8	1/2-14	
08-04	1/2	1/4-18	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	
10-06	5/8	3/8-18	
10-08	5/8	1/2-14	
12-12	3/4	3/4-14	

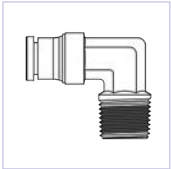


1568

AVAILABILITY
» Brass

Tube to Pipe Elbow 90°

SHAPE			90 degree elbow
Dash Size	Push-In DOT	Male Pipe	
02.5-02	5/32	1/8-27	
03-02	3/16	1/8-27	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
06-08	3/8	1/2-14	
08-04	1/2	1/4-18	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	
10-06	5/8	3/8-18	
10-08	5/8	1/2-14	
12-12	3/4	3/4-14	

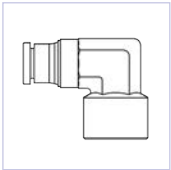


1569

AVAILABILITY
» Brass

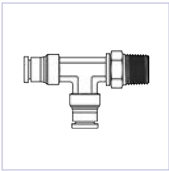
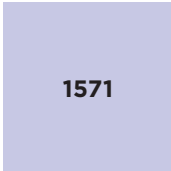
Tube to Female Pipe Elbow 90°

SHAPE			90 degree elbow
Dash Size	Push-In DOT	Female Pipe	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
08-08	1/2	1/2-14	



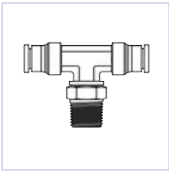
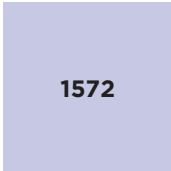
1570

AVAILABILITY
» Brass



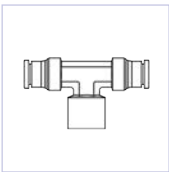
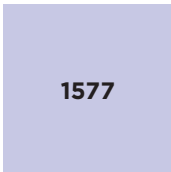
Tube to Pipe Swivel Run Tee

SHAPE				Tee
Dash Size	Push-In DOT	Male Pipe Swivel	Push-In DOT	
04-02-04	1/4	1/8-27	1/4	
04-04-04	1/4	1/4-18	1/4	
06-04-06	3/8	1/4-18	3/8	
06-06-06	3/8	3/8-18	3/8	
08-06-08	1/2	3/8-18	1/2	



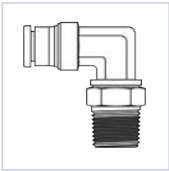
Tube to Pipe Swivel Branch Tee

SHAPE				Tee
Dash Size	Push-In DOT	Push-In DOT	Male Pipe Swivel	
03-03-02	3/16	3/16	1/8-27	
04-04-02	1/4	1/4	1/8-27	
04-04-04	1/4	1/4	1/4-18	
06-06-04	3/8	3/8	1/4-18	
06-06-06	3/8	3/8	3/8-18	
08-08-04	1/2	1/2	1/4-18	
08-08-06	1/2	1/2	3/8-18	



Tube to Pipe Branch Tee

SHAPE				Tee
Dash Size	Push-In DOT	Push-In DOT	Female Pipe	
04-04-02	1/4	1/4	1/8-27	
04-04-04	1/4	1/4	1/4-18	
06-06-04	3/8	3/8	1/4-18	



Tube to Pipe Swivel Elbow 90°

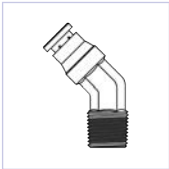
SHAPE			90 degree elbow
Dash Size	Push-In DOT	Male Pipe Swivel	
04-02	1/4	1/8-27	
04-04	1/4	1/4-18	
04-06	1/4	3/8-18	
06-02	3/8	1/8-27	
06-04	3/8	1/4-18	
06-06	3/8	3/8-18	
06-08	3/8	1/2-14	
08-06	1/2	3/8-18	
08-08	1/2	1/2-14	
10-06	5/8	3/8-18	
10-08	5/8	1/2-14	
12-12	3/4	3/4-14	

Tube to Pipe Elbow 45°

SHAPE

45 degree elbow

Dash Size	Push-In DOT	Male Pipe
04-02	1/4	1/8-27
04-04	1/4	1/4-18
06-04	3/8	1/4-18
06-06	3/8	3/8-18
10-06	5/8	3/8-18
10-08	5/8	1/2-14



1580

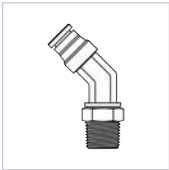
AVAILABILITY
» Brass

Tube to Pipe Swivel Elbow 45°

SHAPE

45 degree elbow

Dash Size	Push-In DOT	Male Pipe Swivel
04-02	1/4	1/8-27
04-04	1/4	1/4-18
06-04	3/8	1/4-18
06-06	3/8	3/8-18
08-06	1/2	3/8-18
08-08	1/2	1/2-14



1580S

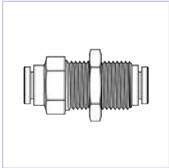
AVAILABILITY
» Brass

Tube Bulkhead Union

SHAPE

Straight

Dash Size	Push-In DOT	Push-In DOT
04-04	1/4	1/4
06-06	3/8	3/8
08-08	1/2	1/2
10-10	5/8	5/8

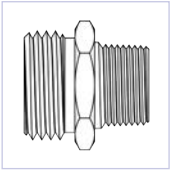


1582

AVAILABILITY
» Brass

Brass Garden Hose Fittings

4024

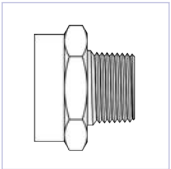


GHT to Pipe

SHAPE			Straight
Dash Size	Male Garden Hose	Male Pipe	
12-06	3/4" Garden Hose	3/8-18	
12-08	3/4" Garden Hose	1/2-14	
12-12	3/4" Garden Hose	3/4-14	

AVAILABILITY
» Brass

4025

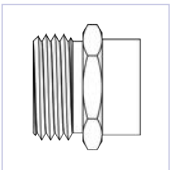


GHT to Pipe

SHAPE			Straight
Dash Size	Female Garden Hose	Male Pipe	
12-06	3/4" Garden Hose	3/8-18	
12-08	3/4" Garden Hose	1/2-14	
12-12	3/4" Garden Hose	3/4-14	

AVAILABILITY
» Brass

4026

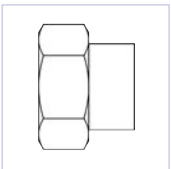


GHT to Pipe

SHAPE			Straight
Dash Size	Male Garden Hose	Female Pipe	
12-04	3/4" Garden Hose	1/4-18	
12-06	3/4" Garden Hose	3/8-18	
12-08	3/4" Garden Hose	1/2-14	
12-12	3/4" Garden Hose	3/4-14	

AVAILABILITY
» Brass

4030

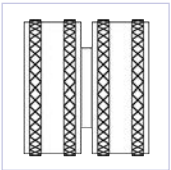


GHT to Pipe

SHAPE			Straight
Dash Size	Female Garden Hose	Female Pipe	
12-04	3/4" Garden Hose	1/4-18	
12-06	3/4" Garden Hose	3/8-18	
12-08	3/4" Garden Hose	1/2-14	
12-12	3/4" Garden Hose	3/4-14	

AVAILABILITY
» Brass

4040



GHT Swivel Union

SHAPE			Straight
Dash Size	Female Garden Hose Swivel	Female Garden Hose Swivel	
12-12	3/4" Garden Hose	3/4" Garden Hose	

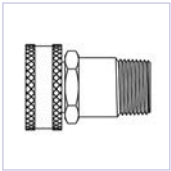
AVAILABILITY
» Brass

GHT Swivel to Pipe

SHAPE

Straight

Dash Size	Female Garden Hose Swivel	Male Pipe
12-04	3/4" Garden Hose	1/4-18
12-06	3/4" Garden Hose	3/8-18
12-08	3/4" Garden Hose	1/2-14



4044

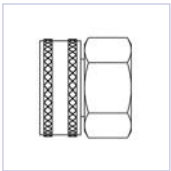
AVAILABILITY
» Brass

GHT Swivel to Pipe

SHAPE

Straight

Dash Size	Female Garden Hose Swivel	Female Pipe
12-04	3/4" Garden Hose	1/4-18
12-08	3/4" Garden Hose	1/2-14
12-12	3/4" Garden Hose	3/4-14



4045

AVAILABILITY
» Brass

GHT Union

SHAPE

Straight

Dash Size	Male Garden Hose	Male Garden Hose
12-12	3/4" Garden Hose	3/4" Garden Hose



4050

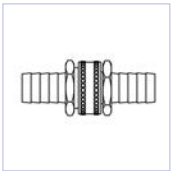
AVAILABILITY
» Brass

GHT Hose Barb Assembly

SHAPE

Straight

Dash Size	Hose Barb	Male Garden Hose	Female Garden Hose Swivel	Hose Barb
06-06	3/8	3/4" Garden Hose	3/4" Garden Hose	3/8
08-08	1/2	3/4" Garden Hose	3/4" Garden Hose	1/2
10-10	5/8	3/4" Garden Hose	3/4" Garden Hose	5/8
12-12	3/4	3/4" Garden Hose	3/4" Garden Hose	3/4
16-16	1	1" Garden Hose	1" Garden Hose	1



4100

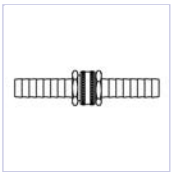
AVAILABILITY
» Brass

Long Shank GHT Hose Barb Assembly

SHAPE

Straight

Dash Size	Hose Barb	Male Garden Hose	Female Garden Hose Swivel	Hose Barb
10-10	5/8	3/4" Garden Hose	3/4" Garden Hose	5/8
12-12	3/4	3/4" Garden Hose	3/4" Garden Hose	3/4

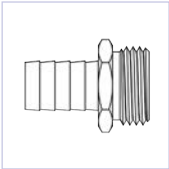


4100-L

AVAILABILITY
» Brass



AVAILABILITY
» Brass

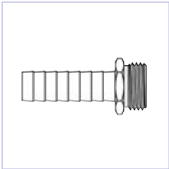


Garden Hose Barb (GHB) to GHT

SHAPE			Straight
Dash Size	Hose Barb	Male Garden Hose	
06-12	3/8	3/4" Garden Hose	
08-12	1/2	3/4" Garden Hose	
10-12	5/8	3/4" Garden Hose	
12-12	3/4	3/4" Garden Hose	
16-16	1	1" Garden Hose	



AVAILABILITY
» Brass

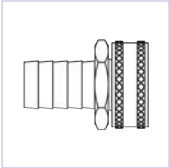


Long Shank Garden Hose Barb (GHB) to GHT

SHAPE			Straight
Dash Size	Hose Barb	Male Garden Hose	
08-12	1/2	3/4" Garden Hose	
10-12	5/8	3/4" Garden Hose	
12-12	3/4	3/4" Garden Hose	

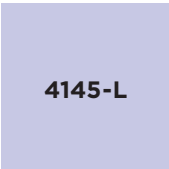


AVAILABILITY
» Brass

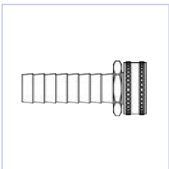


Garden Hose Barb (GHB) to GHT

SHAPE			Straight
Dash Size	Hose Barb	Female Garden Hose Swivel	
06-12	3/8	3/4" Garden Hose	
08-12	1/2	3/4" Garden Hose	
10-12	5/8	3/4" Garden Hose	
12-12	3/4	3/4" Garden Hose	
16-16	1	1" Garden Hose	



AVAILABILITY
» Brass

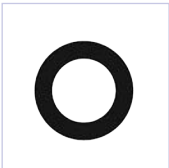


Long Shank Garden Hose Barb (GHB) to GHT

SHAPE			Straight
Dash Size	Hose Barb	Female Garden Hose Swivel	
10-12	5/8	3/4" Garden Hose	
12-12	3/4	3/4" Garden Hose	



AVAILABILITY
» Plastic



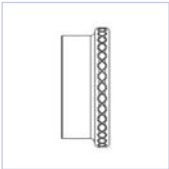
Garden Hose Washer

Available in Black Plasticized Rubber or Red EPDM Rubber.

SHAPE		Washer
Dash Size	Thread 1 Nominal Size	
10	10	



AVAILABILITY
» Plastic



Garden Hose Cap

SHAPE		Cap
Dash Size	Female Garden Hose Thread	
12	3/4" Garden Hose	



Ball Valves



BALL VALVES

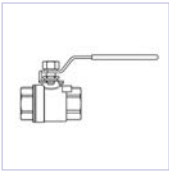
Call 800.255.1008 or visit www.tompkinsind.com for full material availability.

247

Tompkins
INDUSTRIES, INC.

Ball Valves

FBV



Full Port Ball Valve

- 1/4" - 4"
- For Use with Wide Range of Liquids and Gases
- Threaded - Two-Piece Body - Full Port - Blow-out Proof Stem - Adjustable Stem Packing Nut - PTFE Seats
- NPTF Threads

AVAILABILITY

» Brass

SHAPE

Straight

OPERATING TEMPERATURE RANGE

0° F to 400° F

STYLE

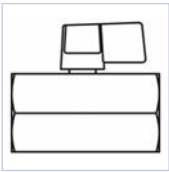
Full-Port

HANDLE TYPE

1/4 Turn Vinyl Insulated Chrome-Plated Steel

Dash Size	Female Pipe	Female Pipe	Pressure Rating
04-04	1/4-18	1/4-18	600 PSI Non-Shock / 150 WSP Saturated Steam
06-06	3/8-18	3/8-18	600 PSI Non-Shock / 150 WSP Saturated Steam
08-08	1/2-14	1/2-14	600 PSI Non-Shock / 150 WSP Saturated Steam
12-12	3/4-14	3/4-14	600 PSI Non-Shock / 150 WSP Saturated Steam
16-16	1-11 1/2	1-11 1/2	600 PSI Non-Shock / 150 WSP Saturated Steam
20-20	1 1/4-11 1/2	1 1/4-11 1/2	600 PSI Non-Shock / 150 WSP Saturated Steam
24-24	1 1/2-11 1/2	1 1/2-11 1/2	600 PSI Non-Shock / 150 WSP Saturated Steam
32-32	2-11 1/2	2-11 1/2	600 PSI Non-Shock / 150 WSP Saturated Steam
40-40	2 1/2-8	2 1/2-8	400 PSI Non-Shock / 150 WSP Saturated Steam
48-48	3-8	3-8	400 PSI Non-Shock / 150 WSP Saturated Steam
64-64	4-8	4-8	400 PSI Non-Shock / 150 WSP Saturated Steam

MBV-FF



Female x Female Mini Ball Valve

- Chrome Plated Brass
- Threaded
- One-Piece
- Reduced Port
- Double O-Ring Packing
- Blowout-Proof Stem
- PTFE Seats

SHAPE

Straight

PRESSURE RATING

450 PSI WOG Rated (32 Bar)

OPERATING TEMPERATURE RANGE

-4° F to 212° F

STYLE

Mini

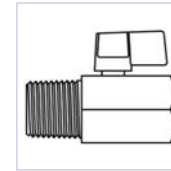
HANDLE TYPE

1/4 Turn Aluminum

Dash Size	Female Pipe	Female Pipe
02-02	1/8-27	1/8-27
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14

Male x Female Mini Ball Valve

- Chrome Plated Brass
- Threaded
- One-Piece
- Reduced Port
- Double O-Ring Packing
- Blowout-Proof Stem
- PTFE Seats


MBV-MF
AVAILABILITY

» Brass

SHAPE

Straight

PRESSURE RATING

450 PSI WOG Rated (32 Bar)

OPERATING TEMPERATURE RANGE

-4° F to 212° F

STYLE

Mini

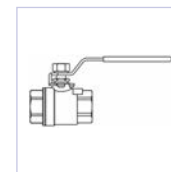
HANDLE TYPE

1/4 Turn Aluminum

Dash Size	Male Pipe	Female Pipe
02-02	1/8-27	1/8-27
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14

Female x Female Full Port Stainless Ball Valve

- 316 Stainless Steel Body, Ball and Stem
- PTFE Seats, Joint Gasket and Thrust Washer
- 304 Stainless Steel Handle With Blue Vinyl Insulator
- Blow-Out Proof Stem Design


SS-FBV
AVAILABILITY

» Import Stainless Steel

SHAPE

Straight

PRESSURE RATING

1,000 PSI / 100 PSI Saturated Steam

OPERATING TEMPERATURE RANGE

-60° F to 450° F

STYLE

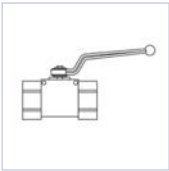
Full-Port

HANDLE TYPE

1/4 Turn Vinyl Insulated Locking Lever Stainless Steel

Dash Size	Female Pipe	Female Pipe
04-04	1/4-18	1/4-18
06-06	3/8-18	3/8-18
08-08	1/2-14	1/2-14
12-12	3/4-14	3/4-14
16-16	1-11 1/2	1-11 1/2
20-20	1 1/4-11 1/2	1 1/4-11 1/2
24-24	1 1/2-11 1/2	1 1/2-11 1/2
32-32	2-11 1/2	2-11 1/2
40-40	2 1/2-8	2 1/2-8
48-48	3-8	3-8

Ball Valves



High Pressure Ball Valve

- NPTF Threads
- Rugged Carbon Steel Construction
- Mounting holes standard
- Blow-Out Proof Stems

AVAILABILITY

» Steel

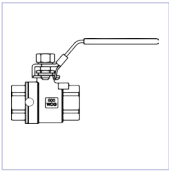
SHAPE Straight

OPERATING TEMPERATURE RANGE -22° F to 212° F

STYLE Full-Port

HANDLE TYPE 1/4 Turn Vinyl Insulated Carbon Steel

Dash Size	Female Pipe	Female Pipe	Pressure Rating
04-04	1/4-18	1/4-18	7,250 PSI
06-06	3/8-18	3/8-18	7,250 PSI
08-08	1/2-14	1/2-14	7,250 PSI
12-12	3/4-14	3/4-14	5,800 PSI
16-16	1-11 1/2	1-11 1/2	5,000 PSI
20-20	1 1/4-11 1/2	1 1/4-11 1/2	5,000 PSI
32-32	2-11 1/2	2-11 1/2	5,000 PSI



Full Port Ball Valve with Drain

- 1/2" - 1"
- For Use with Wide Range of Liquids and Gases
- Two-piece Body, Full Port, Blowout-proof Stem, Adjustable Packing Nut, PTFE Seats
- NPT Threads
- Drain Port Allows Draining of the Non-pressure Side of the Valve When Closed

AVAILABILITY

» Brass

SHAPE Straight

OPERATING TEMPERATURE RANGE -4 F to 194° F

STYLE Full-Port

HANDLE TYPE 1/4 Turn Vinyl Insulated Chrome Plated Steel

Dash Size	Female Pipe	Female Pipe	Pressure Rating
08-08	1/2-14	1/2-14	600 psi WOG
12-12	3/4-14	3/4-14	600 psi WOG
16-16	1-11 1/2	1-11 1/2	600 psi WOG

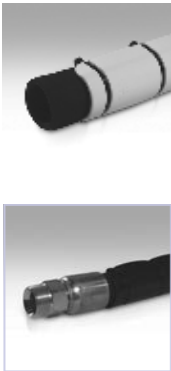


HOSE PROTECTION



Hose Protection

HP



Hose Protectors - Single Pack

Hose Protectors are durable wear shields made of an abrasion and hydrocarbon resistant material which is impervious to solvents, oils, grease and gasoline. They are highly abrasion resistant, with a wide range of operating temperatures (-40 degrees to 400 degrees F), and will protect your equipment in even the harshest of conditions. Easy installation in minutes, with no system disassembly required.

TYPE Wrap

WORKING TEMPERATURE RANGE -40 degrees F to 400 degrees F

HOSE PROTECTORS PER PACKAGE 1

SKU	Hose OD Size	Color	Size	Cable Ties Included
HP-04B	1/4" - 1"	Black	2.50"W X 4.00"L	(3) 7" long 75 lb. cable ties
HP-04O	1/4" - 1"	Orange	2.50"W X 4.00"L	(3) 7" long 75 lb. cable ties
HP-04Y	1/4" - 1"	Yellow	2.50"W X 4.00"L	(3) 7" long 75 lb. cable ties
HP-06B	3/4" - 1 1/4"	Black	3.25"W X 6.00"L	(3) 11" long 75 lb. cable ties
HP-06O	3/4" - 1 1/4"	Orange	3.25"W X 6.00"L	(3) 11" long 75 lb. cable ties
HP-06Y	3/4" - 1 1/4"	Yellow	3.25"W X 6.00"L	(3) 11" long 75 lb. cable ties
HP-08B	1" - 1 1/2"	Black	3.50"W X 8.00"L	(3) 11" long 75 lb. cable ties
HP-08O	1" - 1 1/2"	Orange	3.50"W X 8.00"L	(3) 11" long 75 lb. cable ties
HP-08Y	1" - 1 1/2"	Yellow	3.50"W X 8.00"L	(3) 11" long 75 lb. cable ties
HB-10B	1 1/4" - 2 1/4"	Black	4.50"W X 10.00"L	(4) 14" long 125 lb. cable ties
HP-10O	1 1/4" - 2 1/4"	Orange	4.50"W X 10.00"L	(4) 14" long 125 lb. cable ties
HP-10Y	1 1/4" - 2 1/4"	Yellow	4.50"W X 10.00"L	(4) 14" long 125 lb. cable ties
HP-12B	1 1/2" - 2 1/2"	Black	5.00"W X 12.00"L	(4) 14" long 125 lb. cable ties
HP-12O	1 1/2" - 2 1/2"	Orange	5.00"W X 12.00"L	(4) 14" long 125 lb. cable ties
HP-12Y	1 1/2" - 2 1/2"	Yellow	5.00"W X 12.00"L	(4) 14" long 125 lb. cable ties

HP-15PC



Hose Protectors - 15 Pack

15 Hose Protectors and (60) 14" long 125 lb. cable ties in a display case. Three colors available.

TYPE Wrap

WORKING TEMPERATURE RANGE -40 degrees F to 400 degrees F

HOSE PROTECTORS PER PACKAGE 15

CABLE TIES INCLUDED (60) 14" long 125 lb. cable ties in a display case

SKU	Hose OD Size	Color	Size
HP-10B-15PC	1 1/4" - 2 1/4"	Black	4.50"W X 10.00"L
HP-10O-15PC	1 1/4" - 2 1/4"	Orange	3.50"W X 8.00"L
HP-10Y-15PC	1 1/4" - 2 1/4"	Yellow	4.50"W X 10.00"L
HP-12B-15PC	1 1/2" - 2 1/2"	Black	5.00"W X 12.00"L
HP-12O-15PC	1 1/2" - 2 1/2"	Orange	5.00"W X 12.00"L
HP-12Y-15PC	1 1/2" - 2 1/2"	Yellow	5.00"W X 12.00"L



Hose Protectors - 50 Pack

50 Hose Protectors and (150) cable ties in a display case. Available in three sizes for hose O.D. from 1/4" - 1 1/2". Three colors available.

TYPE	Wrap
WORKING TEMPERATURE RANGE	-40 degrees F to 400 degrees F
HOSE PROTECTORS PER PACKAGE	50

SKU	Hose OD Size	Color	Size	Cable Ties Included
HP-04B-50PC	1/4" - 1"	Black	2.50"W X 4.00"L	(150) 7" long 75 lb. cable ties in a display case
HP-04O-50PC	1/4" - 1"	Orange	2.50"W X 4.00"L	(150) 7" long 75 lb. cable ties in a display case
HP-04Y-50PC	1/4" - 1"	Yellow	2.50"W X 4.00"L	(150) 7" long 75 lb. cable ties in a display case
HP-06B-50PC	3/4" - 1 1/4"	Black	3.25"W X 6.00"L	(150) 11" long 75 lb. cable ties in a display case
HP-06O-50PC	3/4" - 1 1/4"	Orange	3.25"W X 6.00"L	(150) 11" long 75 lb. cable ties in a display case
HP-06Y-50PC	3/4" - 1 1/4"	Yellow	3.25"W X 6.00"L	(150) 11" long 75 lb. cable ties in a display case
HP-08B-50PC	1" - 1 1/2"	Black	3.50"W X 8.00"L	(150) 11" long 75 lb. cable ties in a display case
HP-08O-50PC	1" - 1 1/2"	Orange	3.50"W X 8.00"L	(150) 11" long 75 lb. cable ties in a display case
HP-08Y-50PC	1" - 1 1/2"	Yellow	3.50"W X 8.00"L	(150) 11" long 75 lb. cable ties in a display case



HP-50PC

Hose Protectors - Mixed 60 Pack

Twenty (20) each of three sizes: 4", 6", and 8" hose protectors with cable ties. Packed in a display case. Three colors available.

TYPE	Wrap
HOSE OD SIZE	1/4" - 1 1/2"
WORKING TEMPERATURE RANGE	-40 degrees F to 400 degrees F
HOSE PROTECTORS PER PACKAGE	60 (20-4", 20-6", 20-8")
CABLE TIES INCLUDED	Cable ties and Display Case

SKU	Color
HPMB-60	Black
HPMY-60	Yellow
HPMO-60	Orange



HP-60

Burst Guard Nylon Hose Sleeve

Burst Guard Nylon Hose Sleeve from Tompkins is an ultra-dense, two-layer sleeve that is three-times the density of standard sleeve. It controls hose bursts up to 13,000 PSI to protect workers and equipment in line-of-sight situations. It is an extremely durable and flexible bulk black nylon outer layer with a yellow nylon/polyester inner layer that provides damage alert.

It meets ISO 3457, 4413, 6945, 6805 standards as well as EN 414, MDG 41 and MSHA IC 171/1 flame resistance approval. It is tested by Fluid Power Institute and UV-protected.

This smooth-bore sleeve is easily installed over hose, chains, cables or springs and may be secured with nylon cable ties or band-clamps. Sold only in 100-foot rolls. No cuts.

TYPE	Sleeve
WORKING TEMPERATURE RANGE	-40 degree F to 194 degree F
STANDARD PACKAGE	100'
COLOR	Black



NHSBG

▼ NHSBG continues

Hose Protection

NHSBG
▼ continued

SKU	Nominal ID
NHSBG-121	1.21
NHSBG-134	1.34
NHSBG-141	1.41
NHSBG-162	1.62
NHSBG-181	1.81
NHSBG-210	2.10

NHS



Protec Nylon Hose Sleeve

Protec Nylon Hose Sleeve from Tompkins is a self-renewing, abrasion-resistant fabric sleeve that meets ISO 6945 abrasion standards and also has MSHA IC 171/1 flame resistance approval. It is designed to protect hydraulic hoses and provide limited burst and containment protection to your most valuable asset, your employees. Woven from thousands of nylon filaments, as it is scuffed and worn, its filaments frizz, forming an even thicker, more protective shield. This smooth-bore sleeve is easily installed over hose, chains, cables or springs and may be secured with nylon cable ties or band-clamps. Full 300 foot rolls can contain up to two splices (three pieces).

Contact Tompkins Industries to ask us how to customize our No Lay Line products (e.g. NHS-125-NLL) with your company logo or brand name.

TYPE	Sleeve
WORKING TEMPERATURE RANGE	-40 degrees F to 250 degrees F
STANDARD PACKAGE	300'
WALL THICKNESS	.090 +/- .020, Double Flat
COLOR	Black

SKU	Outside Flat	Nominal ID
NHS-071	1.19	0.71
NHS-077	1.25	0.77
NHS-090	1.5	0.9
NHS-100	1.66	1.0
NHS-114	1.88	1.14
NHS-125	2.03	1.25
NHS-130	2.13	1.3
NHS-138	2.25	1.38
NHS-153	2.5	1.53
NHS-159	2.56	1.59
NHS-175	2.81	1.75
NHS-185	3.00	1.85
NHS-207	3.31	2.07
NHS-225	3.63	2.25
NHS-238	3.81	2.38
NHS-254	4.06	2.54
NHS-264	4.25	2.64
NHS-296	4.75	2.96
NHS-334	5.31	3.34
NHS-366	5.81	3.66
NHS-450	7.00	4.5



ProWrap Plus Extreme Duty Hose and Cable Protection

Extend the life of expensive hydraulic hoses and cables with ProWrap Plus. It installs easily without disconnecting any lines. Wrap individual lines or bundle hoses. Use different colors to help match and identify lines. Sizes fit from 1/4" hose to 8" bundles.

- Dual-beveled edges ease installation and reduce risk of exposed sharp edges
- Bundled hoses may exit at any point
- Tight grip prevents sliding or leap-frogging

Manufactured from tough HDPE for ultimate protection against abrasive wear and crushing damage, it's resistant to chemical attack and suitable for use with all hydraulic fluids including glycol and phosphate ester based products.

Available in four colors: Black, Blue, Red and Yellow. Also available in flame resistant/anti-static versions.



AVAILABILITY

» Polyethylene

TYPE Wrap

WORKING TEMPERATURE RANGE -40 degrees F to 280 degrees F

SKU	Hose OD Size	Standard Package	Nominal ID	Wall Thickness	Color
PWP-12	3/8" - 7/16"	165'	0.38	.060	Black
PWP-16	7/16" - 5/8"	66'	0.49	.070	Black
PWP-16B	7/16" - 5/8"	66'	0.49	.070	Blue
PWP-16R	7/16" - 5/8"	66'	0.49	.070	Red
PWP-16Y	7/16" - 5/8"	66'	0.49	.070	Yellow
PWP-20	5/8" - 7/8"	66'	0.63	.080	Black
PWP-20B	5/8" - 7/8"	66'	0.63	.080	Blue
PWP-20R	5/8" - 7/8"	66'	0.63	.080	Red
PWP-20Y	5/8" - 7/8"	66'	0.63	.080	Yellow
PWP-25	7/8" - 1 3/8"	66'	0.83	.080	Black
PWP-25B	7/8" - 1 3/8"	66'	0.83	.080	Blue
PWP-25R	7/8" - 1 3/8"	66'	0.83	.080	Red
PWP-25Y	7/8" - 1 3/8"	66'	0.83	.080	Yellow
PWP-32	1 1/8" - 1 3/8"	66'	1.06	.100	Black
PWP-32B	1 1/8" - 1 3/8"	66'	1.06	.100	Blue
PWP-32R	1 1/8" - 1 3/8"	66'	1.06	.100	Red
PWP-32Y	1 1/8" - 1 3/8"	66'	1.06	.100	Yellow
PWP-40	1 1/2" - 1 5/8"	66'	1.34	.120	Black
PWP-40B	1 1/2" - 1 5/8"	66'	1.34	.120	Blue
PWP-40R	1 1/2" - 1 5/8"	66'	1.34	.120	Red
PWP-40Y	1 1/2" - 1 5/8"	66'	1.34	.120	Yellow
PWP-50	1 3/4" - 2 1/2"	66'	1.73	.160	Black
PWP-50B	1 3/4" - 2 1/2"	66'	1.73	.160	Blue
PWP-50R	1 3/4" - 2 1/2"	66'	1.73	.160	Red
PWP-50Y	1 3/4" - 2 1/2"	66'	1.73	.160	Yellow
PWP-63	2" - 3"	66'	2.17	.160	Black
PWP-63B	2" - 3"	66'	2.17	.160	Blue
PWP-63R	2" - 3"	66'	2.17	.160	Red
PWP-63Y	2" - 3"	66'	2.17	.160	Yellow
PWP-75	2 14/25" - 3 4/5"	66'	2.6	.180	Black
PWP-75B	2 14/25" - 3 4/5"	66'	2.6	.180	Blue
PWP-75Y	2 14/25" - 3 4/5"	66'	2.6	.180	Yellow
PWP-90	3" - 5"	66'	3.11	.220	Black
PWP-90Y	3" - 5"	66'	3.11	.220	Yellow
PWP-110	3 7/8" - 6"	40'	3.9	.220	Black
PWP-125	4 1/2" - 5 1/2"	40'	4.48	.220	Black

▼ PWP continues



Hose Protection

PWP

▼ continued

SKU	Hose OD Size	Standard Package	Nominal ID	Wall Thickness	Color
PWP-125B	4 1/2" - 5 1/2"	40'	4.48	.220	Blue
PWP-125R	4 1/2" - 5 1/2"	40'	4.48	.220	Red
PWP-125Y	4 1/2" - 5 1/2"	40'	4.48	.220	Yellow
PWP-140	4 4/5" - 6"	27'	5.07	.220	Black
PWP-140B	4 4/5" - 6"	27'	5.07	.220	Blue
PWP-140R	4 4/5" - 6"	27'	5.07	.220	Red
PWP-140Y	4 4/5" - 6"	27'	5.07	.220	Yellow
PWP-160	5 7/10" - 7"	20'	5.87	.220	Black
PWP-160B	5 7/10" - 7"	20'	5.87	.220	Blue
PWP-160R	5 7/10" - 7"	20'	5.87	.220	Red
PWP-160Y	5 7/10" - 7"	20'	5.87	.220	Yellow

PWLD



AVAILABILITY

» Polyethylene

ProWrap Light Duty Hose and Cable Protection

Extends the life of expensive hydraulic hoses and cables. It installs easily without disconnecting any lines. Wrap individual lines or bundle hoses. Use different colors to help match and identify lines.

- Dual-beveled edges ease installation and reduce risk of exposed sharp edges
- Bundled hoses may exit at any point
- Tight grip prevents sliding or leap-frogging

More resistant to fire hazard than woven sleeve protectors that retain oil and sawdust, it’s constructed of 100% polyethylene and is enviromentally stable. It is immune to attack by most chemicals.

TYPE			Wrap		
WORKING TEMPERATURE RANGE			-70 degrees F to 180 degrees F		
COLOR			Black		
SKU	Hose OD Size	Standard Package	Nominal ID	Maximum Bundle Diameter	Wall Thickness
PWLD-16	1"	50'	1.0	2"	.110
PWLD-20	1 1/4"	100'	1.25	2.5"	.135
PWLD-24	1 1/2"	100'	1.5	3"	.145
PWLD-32	2"	50'	2.0	4"	.175
PWLD-56	3 1/2"	50'	3.5	7"	.190
PWLD-96	6"	20'	6.0	11"	.185



ProWrap Heavy Duty Hose and Cable Protection

Temperature range -70 degrees F to 180 degrees F. Sizes to fit 1/4" hose to 11" bundles.

Benefits:

- Extends the life of expensive hydraulic hoses and cables
- Install without disconnecting any lines
- Tight grip prevents sliding or leap-frogging
- Complete coverage with proper installation
- Bundled hoses may exit at any point

More resistant to fire hazard than woven sleeve protectors that retain oil and sawdust. 100% polyethylene and enviromentally stable. It is immune to attack by most chemicals.

TYPE Wrap

WORKING TEMPERATURE RANGE -70 degrees F to 180 degrees F

COLOR Black

SKU	Hose OD Size	Standard Package	Nominal ID	Maximum Bundle Diameter	Wall Thickness
PWHD-08	1/2"	100'	0.5	1"	.095
PWHD-12	3/4"	100'	0.75	1.5"	.125
PWHD-16	1"	50'	1.0	2"	.170
PWHD-20	1 1/4"	100'	1.25	2.5"	.200
PWHD-24	1 1/2"	100'	1.5	3"	.230
PWHDB-32	2"	50'	2.0	4"	.260
PWHDB-48	3"	50'	3.0	6"	.240
PWHDB-64	4"	44'	4.0	8"	.290
PWHD-96	6"	20'	6.0	11"	.270



AVAILABILITY

» Polyethylene





AVAILABILITY
» Silicone-coated
Fiberglass



Fire Sleeve

A heat resistant silicone coated fiberglass sleeving, that protects hoses, cables and wires from molten metal splash, high heat hazards and occasional exposure to flame. Used in steel plants, glass plants, foundries, cutting and welding shops, and similar extreme environments.

Fire Sleeve withstands continuous exposure to 500 degrees F and short-term exposure up to 2200 degrees F. It is resistant to hydraulic fluids, fuels, and lubricating oils and remains extremely flexible and conformable throughout the entire size range at working temperatures.

It also reduces energy loss and offers personnel burn protection by insulating hot oil, steam lines or pipe surfaces.

Sold only in 50-foot rolls. No cuts.

TYPE	Sleeve
WORKING TEMPERATURE RANGE	-65 degrees F to 500 degrees F
STANDARD PACKAGE	50'
COLOR	Orange

SKU	Hose OD Size	Nominal ID	Wall Thickness
PT06100-10	3/8"	0.375	.125
PT08100-10	1/2"	0.5	.125
PT10100-10	5/8"	0.625	.160
PT12100-10	3/4"	0.75	.135
PT14100-10	7/8"	0.875	.185
PT16100-10	1"	1.0	.145
PT18100-10	1 1/8"	1.125	.160
PT20100-10	1 1/4"	1.25	.160
PT22100-10	1 3/8"	1.375	.170
PT24100-10	1 1/2"	1.5	.160
PT26100-10	1 5/8"	1.625	.145
PT28100-10	1 3/4"	1.75	.170
PT30100-10	1 7/8"	1.875	.145
PT32100-10	2"	2.0	.190
PT36100-10	2 1/4"	2.25	.180
PT38100-10	2 3/8"	2.375	.160
PT40100-10	2 1/2"	2.5	.125
PT48100-10	3"	3.0	.125
PT56100-10	3 1/2"	3.5	.125
PT64100-10	4"	4.0	.125



Quick Disconnects



QUICK DISCONNECTS

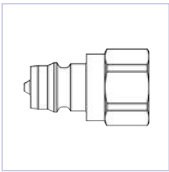
Call 800.255.1008 or visit www.tompkinsind.com for full material availability.

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Tompkins
INDUSTRIES, INC.

ANV

ANV-M



ANV Tips

ANV-08M-08FP is cross-listed as NV-08M-08FP. It will show on orders as NV-08M-08FP.

BODY STYLE

Tip

STANDARDS

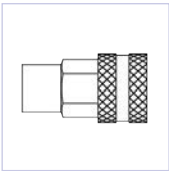
ISO 7241-A

AVAILABILITY

» Steel

SKU	Dash Size	Female Pipe	Body Size	Interchange	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
ANV-04M-04FP	04	1/4-18	1/4"	Aeroquip 5600, Parker 6600	5,075	18,270	18,270
ANV-06M-06FP	06	3/8-18	3/8"	Aeroquip 5600, Parker 6600	4,350	14,500	14,500
ANV-08M-08FP	08	1/2-14	1/2"	Aeroquip 5600, Parker 6600, Pioneer/Parker 4000, Pioneer/Parker 8000	3,625	11,600	11,600
ANV-12M-12FP	12	3/4-14	3/4"	Aeroquip 5600, Parker 6600	3,625	14,500	14,500
ANV-16M-16FP	16	1-11 1/2	1"	Aeroquip 5600, Parker 6600	3,335	11,600	11,600
ANV-20M-20FP	20	1 1/4-11 1/2	1 1/4"	Aeroquip 5600, Parker 6600	3,335	11,600	11,600
ANV-24M-24FP	24	1 1/2-11 1/2	1 1/2"	Aeroquip 5600, Parker 6600	2,610	9,280	9,280
ANV-32M-32FP	32	2-11 1/2	2"	Aeroquip 5600, Parker 6600	1,885	5,800	5,800

ANV-F



ANV Couplers

ANV-08F-08FP is cross-listed as NV-08F-08FP. It will show on orders as NV-08F-08FP.

BODY STYLE

Coupler

STANDARDS

ISO 7241-A

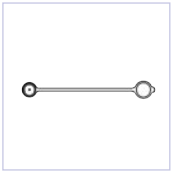
AVAILABILITY

» Steel

SKU	Dash Size	Female Pipe	Body Size	Interchange	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
ANV-04F-04FP	04	1/4-18	1/4"	Aeroquip 5600, Parker 6600	5,075	18,270	18,270
ANV-06F-06FP	06	3/8-18	3/8"	Aeroquip 5600, Parker 6600	4,350	14,500	14,500
ANV-08F-08FP	08	1/2-14	1/2"	Aeroquip 5600, Parker 6600, Pioneer/Parker 4000, Pioneer/Parker 8000	3,625	11,600	11,600
ANV-12F-12FP	12	3/4-14	3/4"	Aeroquip 5600, Parker 6600	3,625	14,500	14,500
ANV-16F-16FP	16	1-11 1/2	1"	Aeroquip 5600, Parker 6600	3,335	11,600	11,600
ANV-20F-20FP	20	1 1/4-11 1/2	1 1/4"	Aeroquip 5600, Parker 6600	3,335	11,600	11,600
ANV-24F-24FP	24	1 1/2-11 1/2	1 1/2"	Aeroquip 5600, Parker 6600	2,610	9,280	9,280
ANV-32F-32FP	32	2-11 1/2	2"	Aeroquip 5600, Parker 6600	1,885	5,800	5,800

ANV Dust Cap

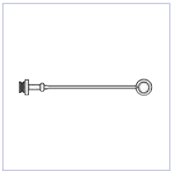
BODY STYLE		Cap
SKU	Body Size	
ANV-04M-DUST CAP	1/4"	
ANV-06M-DUST CAP	3/8"	
ANV-12M-DUST CAP	3/4"	
ANV-16M-DUST CAP	1"	



AVAILABILITY
» PVC/Rubber Blend

ANV Dust Plug

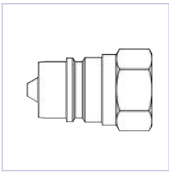
BODY STYLE		Plug
SKU	Body Size	
ANV-04F-DUST PLUG	1/4"	
ANV-06F-DUST PLUG	3/8"	
ANV-12F-DUST PLUG	3/4"	
ANV-16F-DUST PLUG	1"	



AVAILABILITY
» PVC/Rubber Blend

NV

NV-M-FP



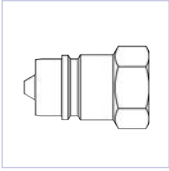
NV FP Tips

BODY STYLE Tip

AVAILABILITY
» Steel

SKU	Dash Size	Female Pipe	Body Size	Interchange	Standards	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
NV-04M-04FP	04	1/4-18	1/4"	Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 5675	4,350	14,500	14,500
NV-06M-06FP	06	3/8-18	3/8"	Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 5675	4,350	14,500	14,500
NV-08M-08FP	08	1/2-14	1/2"	Aeroquip 5600, Parker 6600, Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 7241-A	3,625	11,600	11,600
NV-12M-12FP	12	3/4-14	3/4"	Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 5675	3,625	13,050	13,050
NV-16M-16FP	16	1-11 1/2	1"	Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 5675	2,900	11,600	11,600

NV-M-FB



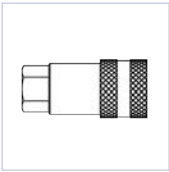
NV FB Tip

BODY STYLE Tip

AVAILABILITY
» Steel

SKU	Dash Size	Female O-Ring	Body Size	Interchange	Standards	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
NV-08M-08FB	08	3/4-16	1/2"	Aeroquip 5600, Parker 6600, Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 7241-A	3,625	11,600	11,600

NV-F-FP



NV FP Couplers

BODY STYLE Coupler

AVAILABILITY
» Steel

SKU	Dash Size	Female Pipe	Body Size	Interchange	Standards	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
NV-04F-04FP	04	1/4-18	1/4"	Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 5675	4,350	14,500	14,500
NV-06F-06FP	06	3/8-18	3/8"	Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 5675	4,350	14,500	14,500

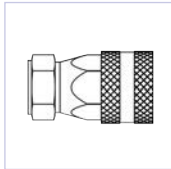
SKU	Dash Size	Female Pipe	Body Size	Interchange	Standards	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
NV-08F-08FP	08	1/2-14	1/2"	Aeroquip 5600, Parker 6600, Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 7241-A	3,625	11,600	14,500
NV-12F-12FP	12	3/4-14	3/4"	Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 5675	3,625	13,050	14,500
NV-16F-16FP	16	1-11 1/2	1"	Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 5675	2,900	11,600	11,600

NV-F-FP
▼ continued

NV FB Couplers

BODY STYLE

Coupler



NV-F-FB

SKU	Dash Size	Female O-Ring	Body Size	Interchange	Standards	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
NV-08F-08FB	08	3/4-16	1/2"	Aeroquip 5600, Parker 6600, Pioneer/Parker 4000, Pioneer/Parker 8000	ISO 7241-A	3,625	11,600	14,500

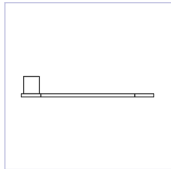
AVAILABILITY
» Steel

NV Dust Cap

BODY STYLE

Cap

SKU	Body Size
NV-04M-DUST CAP	1/4"
NV-06M-DUST CAP	3/8"
NV-08M-DUST CAP	1/2"
NV-12M-DUST CAP	3/4"
NV-16M-DUST CAP	1"



NV-DC

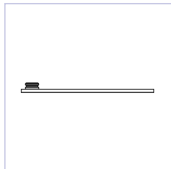
AVAILABILITY
» PVC/Rubber Blend

NV Dust Plug

BODY STYLE

Plug

SKU	Body Size
NV-04F-DUST PLUG	1/4"
NV-06F-DUST PLUG	3/8"
NV-08F-DUST PLUG	1/2"
NV-12F-DUST PLUG	3/4"
NV-16F-DUST PLUG	1"



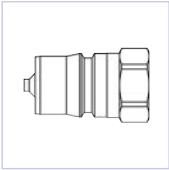
NV-DP

AVAILABILITY
» PVC/Rubber Blend

HNV



AVAILABILITY
» Domestic Steel



HNV Tips

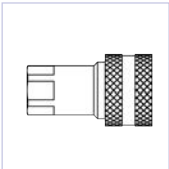
Also available in stainless steel upon request.

BODY STYLE	Tip
INTERCHANGE	Aeroquip FD45, Parker 60
STANDARDS	ISO 7241-B

SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
HNV-02M-02FP	02	1/8-27	1/8"	5,075	17,400	17,400
HNV-04M-04FP	04	1/4-18	1/4"	5,075	14,500	14,500
HNV-06M-06FP	06	3/8-18	3/8"	4,350	14,500	14,500
HNV-08M-08FP	08	1/2-14	1/2"	4,060	14,500	14,500
HNV-12M-12FP	12	3/4-14	3/4"	4,000	14,500	14,500
HNV-16M-16FP	16	1-11 1/2	1"	4,000	11,600	11,600
HNV-20M-20FP	20	1 1/4-11 1/2	1 1/4"	2,500	10,000	10,000



AVAILABILITY
» Domestic Steel



HNV Couplers

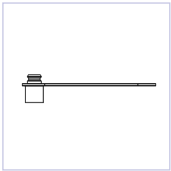
Also available in stainless steel upon request.

BODY STYLE	Coupler
INTERCHANGE	Aeroquip FD45, Parker 60
STANDARDS	ISO 7241-B

SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
HNV-02F-02FP	02	1/8-27	1/8"	5,075	17,400	17,400
HNV-04F-04FP	04	1/4-18	1/4"	5,075	14,500	14,500
HNV-06F-06FP	06	3/8-18	3/8"	4,350	14,500	14,500
HNV-08F-08FP	08	1/2-14	1/2"	4,060	14,500	14,500
HNV-12F-12FP	12	3/4-14	3/4"	4,000	14,500	14,500
HNV-16F-16FP	16	1-11 1/2	1"	4,000	11,600	11,600
HNV-20F-20FP	20	1 1/4-11 1/2	1 1/4"	2,500	10,000	10,000

HNV Dust Plug/Cap Combo

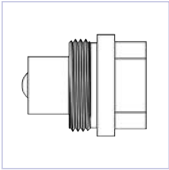
BODY STYLE		Plug/Cap
SKU	Body Size	
HNV-04-DUST PLUG/CAP	1/4"	
HNV-06-DUST PLUG/CAP	3/8"	
HNV-08-DUST PLUG/CAP	1/2"	
HNV-12-DUST PLUG/CAP	3/4"	
HNV-16-DUST PLUG/CAP	1"	



HNV-DUST
PLUG/CAP
COMBO

AVAILABILITY
» PVC/Rubber
Blend

PVVM



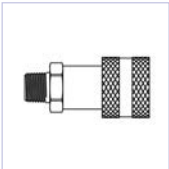
PVVM Tips

High Pressure Poppet Screw Together Coupling

BODY STYLE	Tip
INTERCHANGE	Enerpac, Hydraulic Jack, Parker 3000
MAXIMUM OPERATING PRESSURE (PSI)	10,000

SKU	Dash Size	Female Pipe	Body Size	Coupled Burst Pressure (PSI)
PVVM-04M-04FP	04	1/4-18	1/4"	35,714
PVVM-06M-06FP	06	3/8-18	3/8"	33,570

AVAILABILITY
» Steel



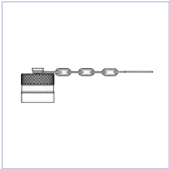
PVVM Couplers

High Pressure Poppet Screw Together Coupling

BODY STYLE	Coupler
INTERCHANGE	Enerpac, Hydraulic Jack, Parker 3000
MAXIMUM OPERATING PRESSURE (PSI)	10,000

SKU	Dash Size	Male Pipe	Body Size	Coupled Burst Pressure (PSI)
PVVM-04F-04MP	04	1/4-18	1/4"	35,714
PVVM-06F-06MP	06	3/8-18	3/8"	33,570

AVAILABILITY
» Steel



PVVM Dust Cap

BODY STYLE	Cap
SKU	Body Size
PVVM-04M-DUST CAP	1/4"
PVVM-06M-DUST CAP	3/8"

AVAILABILITY
» Aluminum



PVVM Dust Plug

BODY STYLE	Plug
SKU	Body Size
PVVM-04F-DUST PLUG	1/4"
PVVM-06F-DUST PLUG	3/8"

AVAILABILITY
» Aluminum

TNV

TNV Tips

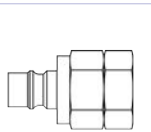
Also available in brass and stainless steel upon request.

BODY STYLE

Tip

INTERCHANGE Snaptite H Series, US Military Spec Mil-C-51234

SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
TNV-04M-04FP	04	1/4-18	1/4"	6,500	12,700	12,700
TNV-06M-06FP	06	3/8-18	3/8"	4,500	10,500	10,500
TNV-08M-08FP	08	1/2-14	1/2"	4,000	9,600	9,600
TNV-12M-12FP	12	3/4-14	3/4"	3,500	9,100	9,100
TNV-16M-16FP	16	1-11 1/2	1"	2,000	9,500	9,500
TNV-20M-20FP	20	1 1/4-11 1/2	1 1/4"	1,750	5,000	5,000



TNV-M

AVAILABILITY

» Steel

TNV Couplers

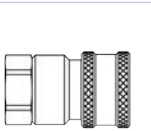
Also available in brass and stainless steel upon request.

BODY STYLE

Coupler

INTERCHANGE Snaptite H Series, US Military Spec Mil-C-51234

SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
TNV-04F-04FP	04	1/4-18	1/4"	6,500	12,700	12,700
TNV-06F-06FP	06	3/8-18	3/8"	4,500	10,500	10,500
TNV-08F-08FP	08	1/2-14	1/2"	4,000	9,600	9,600
TNV-12F-12FP	12	3/4-14	3/4"	3,500	9,100	9,100
TNV-16F-16FP	16	1-11 1/2	1"	2,000	9,500	9,500
TNV-20F-20FP	20	1 1/4-11 1/2	1 1/4"	1,750	5,000	5,000



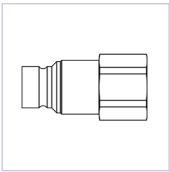
TNV-F

AVAILABILITY

» Steel

FFI

FFI-M-FP



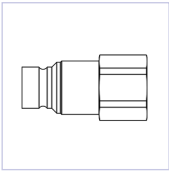
FFI FP Tips

BODY STYLE Tip

AVAILABILITY
» Steel

SKU	Dash Size	Female Pipe	Body Size	Interchange	Standards	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
FFI-04M-04FP	04	1/4-18	1/4"	Aeroquip FD89, Parker FEM	ISO 16028	6,090	18,270	18,270
FFI-06M-06FP	06	3/8-18	3/8"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-06M-08FP	08	1/2-14	3/8"	Aeroquip FD99	ISO 16028	4,785	14,500	14,500
FFI-08M-08FP	08	1/2-14	1/2"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-08M-12FP	12	3/4-14	1/2"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-10M-12FP	12	3/4-14	5/8"	Aeroquip FD99	HTMA Standard, ISO 16028	4,785	14,500	14,500
FFI-12M-12FP	12	3/4-14	3/4"	Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-16M-16FP	16	1-11 1/2	1"	Parker FEM	ISO 16028	4,350	11,600	11,600

FFI-M-FB



FFI FB Tips

BODY STYLE Tip

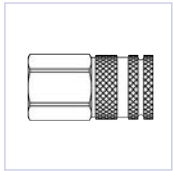
AVAILABILITY
» Steel

SKU	Dash Size	Female O-Ring	Body Size	Interchange	Standards	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
FFI-04M-06FB	06	9/16-18	1/4"	Aeroquip FD99, Parker FEM	ISO 16028	6,090	18,270	18,270
FFI-06M-06FB	06	9/16-18	3/8"	-	ISO 16028	4,785	14,500	14,500
FFI-06M-08FB	08	3/4-16	3/8"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-08M-08FB	08	3/4-16	1/2"	-	ISO 16028	4,785	14,500	14,500
FFI-08M-10FB	10	7/8-14	1/2"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-08M-12FB	12	1 1/16-12	1/2"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-10M-12FB	12	1 1/16-12	5/8"	Aeroquip FD99, Parker FEM	HTMA Standard, ISO 16028	4,785	14,500	14,500
FFI-12M-12FB	12	1 1/16-12	3/4"	Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-16M-16FB	16	1 5/16-12	1"	Parker FEM	ISO 16028	4,350	11,600	11,600

FFI FP Couplers

BODY STYLE

Coupler



FFI-F-FP

SKU	Dash Size	Female Pipe	Body Size	Interchange	Standards	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
FFI-04F-04FP	04	1/4-18	1/4"	Aeroquip FD99, Parker FEM	ISO 16028	6,090	18,270	18,270
FFI-06F-06FP	06	3/8-18	3/8"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-06F-08FP	08	1/2-14	3/8"	Aeroquip FD99	ISO 16028	4,785	14,500	14,500
FFI-08F-08FP	08	1/2-14	1/2"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-08F-12FP	12	3/4-14	1/2"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-10F-12FP	12	3/4-14	5/8"	Aeroquip FD99	HTMA Standard, ISO 16028	4,785	14,500	14,500
FFI-12F-12FP	12	3/4-14	3/4"	Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-16F-16FP	16	1-11 1/2	1"	Parker FEM	ISO 16028	4,350	11,600	11,600

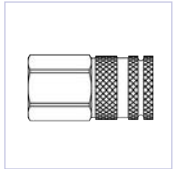
AVAILABILITY

» Steel

FFI FB Couplers

BODY STYLE

Coupler



FFI-F-FB

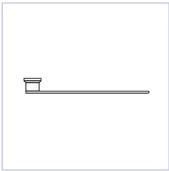
SKU	Dash Size	Female O-Ring	Body Size	Interchange	Standards	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
FFI-04F-06FB	06	9/16-18	1/4"	Aeroquip FD89, Parker FEM	ISO 16028	6,090	18,270	18,270
FFI-06F-06FB	06	9/16-18	3/8"	-	ISO 16028	4,785	14,500	14,500
FFI-06F-08FB	08	3/4-16	3/8"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-08F-08FB	08	3/4-16	1/2"	-	ISO 16028	4,785	14,500	14,500
FFI-08F-10FB	10	7/8-14	1/2"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-08F-12FB	12	1 1/16-12	1/2"	Aeroquip FD99, Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-10F-12FB	12	1 1/16-12	5/8"	Aeroquip FD99, Parker FEM	HTMA Standard, ISO 16028	4,785	14,500	14,500
FFI-12F-12FB	12	1 1/16-12	3/4"	Parker FEM	ISO 16028	4,785	14,500	14,500
FFI-16F-16FB	16	1 5/16-12	1"	Parker FEM	ISO 16028	4,350	11,600	11,600

AVAILABILITY

» Steel



AVAILABILITY
» PVC/Rubber Blend

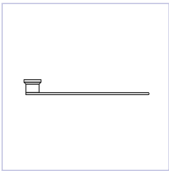


FFI Male Dust Cap

BODY STYLE		Cap
SKU	Body Size	
FFI-06M-DUST CAP	3/8"	
FFI-08M-DUST CAP	1/2"	
FFI-12M-DUST CAP	3/4"	
FFI-16M-DUST CAP	1"	



AVAILABILITY
» PVC/Rubber Blend



FFI Female Dust Cap

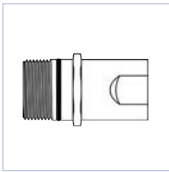
BODY STYLE		Cap
SKU	Body Size	
FFI-06F-DUST CAP	3/8"	
FFI-08F-DUST CAP	1/2"	
FFI-12F-DUST CAP	3/4"	
FFI-16F-DUST CAP	1"	

FB

FB Tips

BODY STYLE	Tip
INTERCHANGE	Aeroquip 5100, Parker 6100

SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
FB-12M-12FP	12	3/4-14	3/4"	3,000	9,000	9,000
FB-16M-16FP	16	1-11 1/2	1"	3,000	9,000	9,000
FB-20M-20FP	20	1 1/4-11 1/2	1 1/4"	2,750	8,250	8,250
FB-24M-24FP	24	1 1/2-11 1/2	1 1/2"	2,500	7,500	7,500

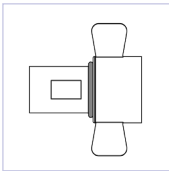


AVAILABILITY
» Brass

FB Wing Nut Couplers

BODY STYLE	Coupler
INTERCHANGE	Aeroquip 5100, Parker 6100

SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
FB-12F-12FP	12	3/4-14	3/4"	3,000	9,000	9,000
FB-16F-16FP	16	1-11 1/2	1"	3,000	9,000	9,000
FB-20F-20FP	20	1 1/4-11 1/2	1 1/4"	2,750	8,250	8,250
FB-24F-24FP	24	1 1/2-11 1/2	1 1/2"	2,500	7,500	7,500

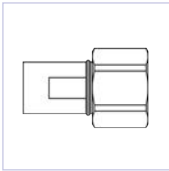


AVAILABILITY
» Brass

FB Hex Nut Couplers

BODY STYLE	Coupler
INTERCHANGE	Aeroquip 5100, Parker 6100

SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
FB-12F-12FP-HN	12	3/4-14	3/4"	3,000	9,000	9,000
FB-16F-16FP-HN	16	1-11 1/2	1"	3,000	9,000	9,000
FB-20F-20FP-HN	20	1 1/4-11 1/2	1 1/4"	2,750	8,250	8,250



AVAILABILITY
» Brass





AVAILABILITY
» Steel



FB Dust Cap

BODY STYLE		Cap
SKU	Body Size	
FB-12M-DUST CAP	3/4"	
FB-16M-DUST CAP	1"	
FB-20M-DUST CAP	1 1/4"	
FB-24M-DUST CAP	1 1/2"	



AVAILABILITY
» Steel



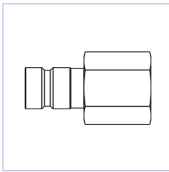
FB Dust Plug

BODY STYLE		Plug
SKU	Body Size	
FB-12F-DUST PLUG	3/4"	
FB-16F-DUST PLUG	1"	
FB-20F-DUST PLUG	1 1/4"	
FB-24F-DUST PLUG	1 1/2"	

PD

PD FP Tips

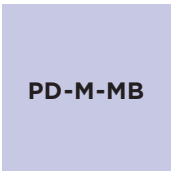
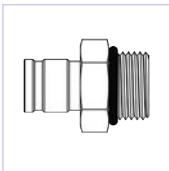
BODY STYLE				Tip		
INTERCHANGE				Aeroquip FD90, Parker PD		
SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
PD-02M-02FP	02	1/8-27	1/8"	6,000	18,700	24,000
PD-02M-04FP	04	1/4-18	1/8"	6,000	18,700	24,000



AVAILABILITY
» Steel

PD MB Tips

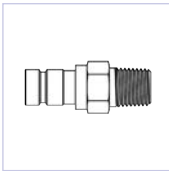
BODY STYLE				Tip		
INTERCHANGE				Aeroquip FD90, Parker PD		
SKU	Dash Size	Male O-Ring	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
PD-02M-04MB	04	7/16-20	1/8"	6,000	18,700	24,000
PD-02M-06MB	06	9/16-18	1/8"	6,000	18,700	24,000



AVAILABILITY
» Steel

PD MP Tips

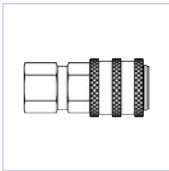
BODY STYLE				Tip		
INTERCHANGE				Aeroquip FD90, Parker PD		
SKU	Dash Size	Male Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
PD-02M-02MP	02	1/8-27	1/8"	6,000	18,700	24,000
PD-02M-04MP	04	1/4-18	1/8"	6,000	18,700	24,000



AVAILABILITY
» Steel

PD FP Couplers

BODY STYLE				Coupler		
INTERCHANGE				Aeroquip FD90, Parker PD		
SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)
PD-02F-02FP	02	1/8-27	1/8"	6,000	18,700	18,700
PD-02F-04FP	04	1/4-18	1/8"	6,000	18,700	18,700



AVAILABILITY
» Steel



AVAILABILITY
» Steel

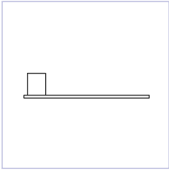


PD MP Couplers

BODY STYLE						Coupler	
INTERCHANGE						Aeroquip FD90, Parker PD	
SKU	Dash Size	Male Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)	Uncoupled Burst Pressure (PSI)	
PD-02F-04MP	04	1/4-18	1/8"	6,000	18,700	18,700	



AVAILABILITY
» PVC/Rubber Blend



PD Dust Cap

BODY STYLE		Cap
SKU	Body Size	
PD-02M-DUST CAP	1/8"	

ST

ST FP Tips

Also available in stainless steel upon request.

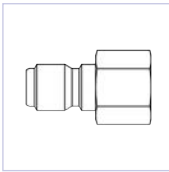
BODY STYLE

Tip

INTERCHANGE

Parker ST Series

SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)
ST-04M-04FP-S	04	1/4-18	1/4"	5,500	22,000
ST-06M-06FP-S	06	3/8-18	3/8"	4,500	18,300
ST-08M-08FP-S	08	1/2-14	1/2"	3,500	13,900
ST-12M-12FP-S	12	3/4-14	3/4"	3,100	12,900
ST-04M-04FP-B	04	1/4-18	1/4"	3,800	15,300
ST-06M-06FP-B	06	3/8-18	3/8"	3,000	14,100
ST-08M-08FP-B	08	1/2-14	1/2"	2,400	9,700
ST-12M-12FP-B	12	3/4-14	3/4"	2,000	8,700



ST-M-FP

AVAILABILITY

- » Steel
- » Brass

ST MP Tips

Also available in stainless steel upon request.

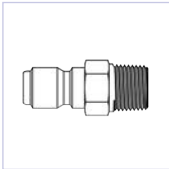
BODY STYLE

Tip

INTERCHANGE

Parker ST Series

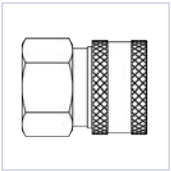
SKU	Dash Size	Male Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)
ST-04M-04MP-S	04	1/4-18	1/4"	5,500	22,000
ST-06M-06MP-S	06	3/8-18	3/8"	4,500	18,300
ST-08M-08MP-S	08	1/2-14	1/2"	3,500	13,900
ST-12M-12MP-S	12	3/4-14	3/4"	3,100	12,900
ST-04M-04MP-B	04	1/4-18	1/4"	3,800	15,300
ST-06M-06MP-B	06	3/8-18	3/8"	3,000	14,100
ST-08M-08MP-B	08	1/2-14	1/2"	2,400	9,700
ST-12M-12MP-B	12	3/4-14	3/4"	2,000	8,700



ST-M-MP

AVAILABILITY

- » Steel
- » Brass



ST FP Couplers

Also available in stainless steel upon request.

BODY STYLE	Coupler
INTERCHANGE	Parker ST Series

AVAILABILITY
» Brass

SKU	Dash Size	Female Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)
ST-04F-04FP-B	04	1/4-18	1/4"	3,800	15,300
ST-06F-06FP-B	06	3/8-18	3/8"	3,000	14,100
ST-08F-08FP-B	08	1/2-14	1/2"	2,400	9,700
ST-12F-12FP-B	12	3/4-14	3/4"	2,000	8,700



ST MP Couplers

Also available in stainless steel upon request.

BODY STYLE	Coupler
INTERCHANGE	Parker ST Series

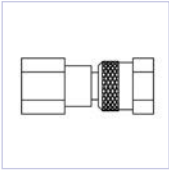
AVAILABILITY
» Brass

SKU	Dash Size	Male Pipe	Body Size	Maximum Operating Pressure (PSI)	Coupled Burst Pressure (PSI)
ST-04F-04MP-B	04	1/4-18	1/4"	3,800	15,300
ST-06F-06MP-B	06	3/8-18	3/8"	3,000	14,100
ST-08F-08MP-B	08	1/2-14	1/2"	2,400	9,700
ST-12F-12MP-B	12	3/4-14	3/4"	2,000	8,700



TEST POINTS & TEST KITS

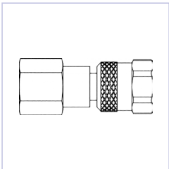
Test Points



Gauge Connector - BSPP to Test Point

Dash Size	Female British Pipe Parallel	Female Test Point
04-M16X2.0	1/4-19	M16X2.0
08-M16X2.0	1/2-14	M16X2.0

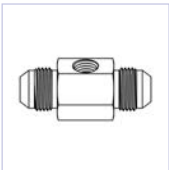
AVAILABILITY
» Import Steel



Gauge Connector - Pipe to Test Point

Dash Size	Female Pipe	Female Test Point
04-M16X2.0	1/4-18	M16X2.0

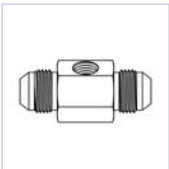
AVAILABILITY
Import Steel



Gauge Port - JIC to JIC Swivel with -04 SAE O-Ring Port

Dash Size	Male JIC	Male JIC	Female O-Ring
04-04-04	7/16-20	7/16-20	7/16-20
06-06-04	9/16-18	9/16-18	7/16-20
08-08-04	3/4-16	3/4-16	7/16-20
10-10-04	7/8-14	7/8-14	7/16-20
12-12-04	1 1/16-12	1 1/16-12	7/16-20
16-16-04	1 5/16-12	1 5/16-12	7/16-20
20-20-04	1 5/8-12	1 5/8-12	7/16-20
24-24-04	1 7/8-12	1 7/8-12	7/16-20

AVAILABILITY
» Import Steel



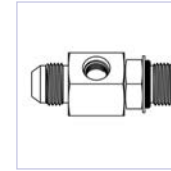
Gauge Port - JIC to JIC with -04 FP Port

Dash Size	Male JIC	Male JIC	Female Pipe
04-04-04	7/16-20	7/16-20	1/4-18
06-06-04	9/16-18	9/16-18	1/4-18
08-08-04	3/4-16	3/4-16	1/4-18
10-10-04	7/8-14	7/8-14	1/4-18
12-12-04	1 1/16-12	1 1/16-12	1/4-18
16-16-04	1 5/16-12	1 5/16-12	1/4-18
20-20-04	1 5/8-12	1 5/8-12	1/4-18
24-24-04	1 7/8-12	1 7/8-12	1/4-18

AVAILABILITY
» Import Steel

Gauge Port - JIC to O-Ring Adjustable with -04 SAE O-Ring Port

Dash Size	Male JIC	Male O-Ring	Female O-Ring
04-04-04	7/16-20	7/16-20	7/16-20
06-06-04	9/16-18	9/16-18	7/16-20
08-08-04	3/4-16	3/4-16	7/16-20
10-10-04	7/8-14	7/8-14	7/16-20
12-12-04	1 1/16-12	1 1/16-12	7/16-20
16-16-04	1 5/16-12	1 5/16-12	7/16-20
20-20-04	1 5/8-12	1 5/8-12	7/16-20
24-24-04	1 7/8-12	1 7/8-12	7/16-20



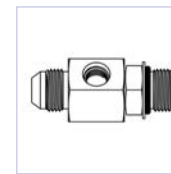
GP6400-FB

AVAILABILITY

» Import Steel

Gauge Port - JIC to O-Ring Adjustable with -04 FP Port

Dash Size	Male JIC	Male O-Ring	Female Pipe
04-04-04	7/16-20	7/16-20	1/4-18
06-06-04	9/16-18	9/16-18	1/4-18
08-08-04	3/4-16	3/4-16	1/4-18
10-10-04	7/8-14	7/8-14	1/4-18
12-12-04	1 1/16-12	1 1/16-12	1/4-18
16-16-04	1 5/16-12	1 5/16-12	1/4-18
20-20-04	1 5/8-12	1 5/8-12	1/4-18
24-24-04	1 7/8-12	1 7/8-12	1/4-18



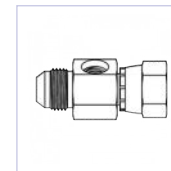
GP6400-FP

AVAILABILITY

» Import Steel

Gauge Port - JIC to JIC Swivel with -04 SAE O-Ring Port

Dash Size	Male JIC	Female JIC Swivel	Female O-Ring
04-04-04	7/16-20	7/16-20	7/16-20
06-06-04	9/16-18	9/16-18	7/16-20
08-08-04	3/4-16	3/4-16	7/16-20
10-10-04	7/8-14	7/8-14	7/16-20
12-12-04	1 1/16-12	1 1/16-12	7/16-20
16-16-04	1 5/16-12	1 5/16-12	7/16-20
20-20-04	1 5/8-12	1 5/8-12	7/16-20
24-24-04	1 7/8-12	1 7/8-12	7/16-20
32-32-04	2 1/2-12	2 1/2-12	7/16-20



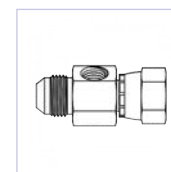
GP6504-FB

AVAILABILITY

» Import Steel

Gauge Port - JIC to JIC Swivel with -04 FP Port

Dash Size	Male JIC	Female JIC Swivel	Female Pipe
04-04-04	7/16-20	7/16-20	1/4-18
06-06-04	9/16-18	9/16-18	1/4-18
08-08-04	3/4-16	3/4-16	1/4-18
10-10-04	7/8-14	7/8-14	1/4-18
12-12-04	1 1/16-12	1 1/16-12	1/4-18
16-16-04	1 5/16-12	1 5/16-12	1/4-18
20-20-04	1 5/8-12	1 5/8-12	1/4-18
24-24-04	1 7/8-12	1 7/8-12	1/4-18
32-32-04	2 1/2-12	2 1/2-12	1/4-18



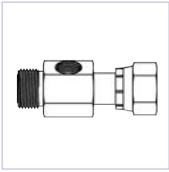
GP6504-FP

AVAILABILITY

» Import Steel

GPFF2406-FB

AVAILABILITY
» Import Steel

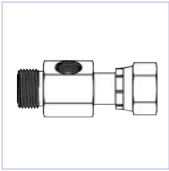


Gauge Port - ORFS to ORFS Swivel with -04 SAE O-Ring Port

Dash Size	Male O-Ring Face Seal	Female O-Ring Face Seal Swivel	Female O-Ring
04-04-04	9/16-18	9/16-18	7/16-20
06-06-04	11/16-16	11/16-16	7/16-20
08-08-04	13/16-16	13/16-16	7/16-20
10-10-04	1-14	1-14	7/16-20
12-12-04	1 3/16-12	1 3/16-12	7/16-20
16-16-04	1 7/16-12	1 7/16-12	7/16-20
20-20-04	1 11/16-12	1 11/16-12	7/16-20
24-24-04	2-12	2-12	7/16-20

GPFF2406-FP

AVAILABILITY
» Import Steel

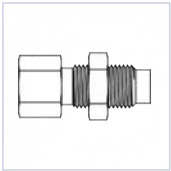


Gauge Port - ORFS to ORFS Swivel with -04 FP Port

Dash Size	Male O-Ring Face Seal	Female O-Ring Face Seal Swivel	Female Pipe
04-04-04	9/16-18	9/16-18	1/4-18
06-06-04	11/16-16	11/16-16	1/4-18
08-08-04	13/16-16	13/16-16	1/4-18
10-10-04	1-14	1-14	1/4-18
12-12-04	1 3/16-12	1 3/16-12	1/4-18
16-16-04	1 7/16-12	1 7/16-12	1/4-18
20-20-04	1 11/16-12	1 11/16-12	1/4-18
24-24-04	2-12	2-12	1/4-18

Hose Gauge Connector - BSPP to Test Point Bulkhead with Nut

Dash Size	Female British Pipe Parallel	Male Test Point
04-M16X2.0	1/4-19	M16X2.0
08-M16X2.0	1/2-14	M16X2.0

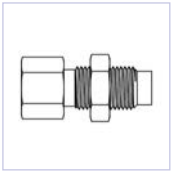


HGCBP

AVAILABILITY
» Import Steel

Hose Gauge Connector - Pipe to Test Point Bulkhead with Nut

Dash Size	Female Pipe	Male Test Point
04-M16X2.0	1/4-18	M16X2.0

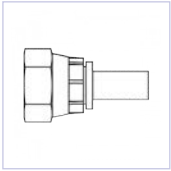


HGCP

AVAILABILITY
» Import Steel

Microbore Hose End - Flat Face Swivel

Dash Size	Female O-Ring Face Seal
04	9/16-18
06	11/16-16

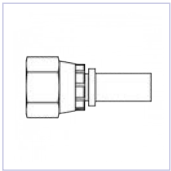


MBH FFX

AVAILABILITY
» Import Steel

Microbore Hose End - JIC Swivel

Dash Size	Female JIC Swivel
04	7/16-20
06	9/16-18

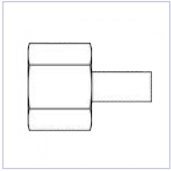


MBH FJX

AVAILABILITY
» Import Steel

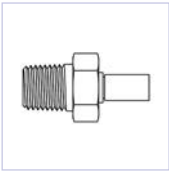
Microbore Hose End - Pipe

Dash Size	Female Pipe
04	1/4-18



MBH FP

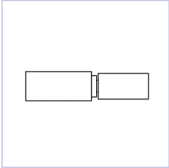
AVAILABILITY
» Import Steel



Microbore Hose End - Pipe

Dash Size	Male Pipe
02	1/8-27
04	1/4-18

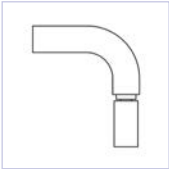
AVAILABILITY
» Import Steel



Microbore Hose End - Metric Standpipe

Dash Size	Metric Standpipe
06	6mm
08	8mm

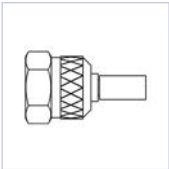
AVAILABILITY
» Import Steel



Microbore Hose End - Metric Standpipe 90° Elbow

Dash Size	Metric Standpipe
06	6mm
08	8mm

AVAILABILITY
» Import Steel



Microbore Hose End - Test Point

Dash Size	Female Test Point
M16X2.0	M16X2.0

AVAILABILITY
» Import Steel



Pressure Gauge - Lower Mount

Gauge has a 2.5" Dial and -04 Male Pipe Lower Mount. Case and Ring are 304 Stainless Steel and Male Pipe is Extruded Brass. Other options exist, contact a Customer Service Representative at 800 number below for availability.

SKU	PSI Range
PGL-LM25-MP4-00100-SS	0 - 100 PSI Single Scale
PGL-LM25-MP4-01000-SS	0 - 1000 PSI Single Scale
PGL-LM25-MP4-03000-SS	0 - 3000 PSI Single Scale
PGL-LM25-MP4-05000-SS	0 - 5000 PSI Single Scale
PGL-LM25-MP4-10000-SS	0 - 10,000 PSI Single Scale

AVAILABILITY
» Stainless Steel

Test Point - Test Point to Test Point Bulkhead with Nut

Dash Size	Male Test Point	Male Test Point
M16X2.0-M16X2.0	M16X2.0	M16X2.0



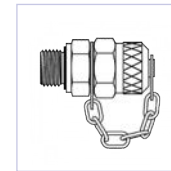
TPBH

AVAILABILITY

» Import Steel

Test Point - BSPP to Test Point

Dash Size	Male British Pipe Parallel	Male Test Point
02-M16X2.0	1/8-28	M16X2.0
04-M16X2.0	1/4-19	M16X2.0
06-M16X2.0	3/8-19	M16X2.0



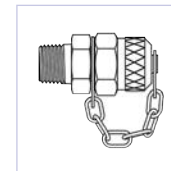
TPBP

AVAILABILITY

» Import Steel

Test Point - BSPT to Test Point

Dash Size	Male British Pipe Tapered	Male Test Point
02-M16X2.0	1/8-28	M16X2.0
04-M16X2.0	1/4-19	M16X2.0



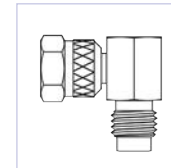
TPBT

AVAILABILITY

» Import Steel

Test Point to Test Point 90° Elbow

Dash Size	Female Test Point	Male Test Point
M16X2.0-M16X2.0	M16X2.0	M16X2.0



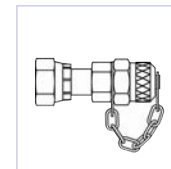
TPE

AVAILABILITY

» Import Steel

Test Point - ORFS Swivel to Test Point with Seal Retainer

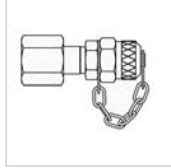
Dash Size	Female O-Ring Face Seal Swivel	Male Test Point
04-M16X2.0	9/16-18	M16X2.0
06-M16X2.0	11/16-16	M16X2.0



TPFF-O

AVAILABILITY

» Import Steel

TPFJ**AVAILABILITY**

» Import Steel

Test Point - JIC Swivel to Test Point

Dash Size	Female JIC Swivel	Male Test Point
04-M16X2.0	7/16-20	M16X2.0
05-M16X2.0	1/2-20	M16X2.0
06-M16X2.0	9/16-18	M16X2.0
08-M16X2.0	3/4-16	M16X2.0
10-M16X2.0	7/8-14	M16X2.0
12-M16X2.0	1 1/16-12	M16X2.0
16-M16X2.0	1 5/16-12	M16X2.0
20-M16X2.0	1 5/8-12	M16X2.0
24-M16X2.0	1 7/8-12	M16X2.0

TPJBH**AVAILABILITY**

» Import Steel

Test Point - JIC to Test Point Bulkhead with Nut

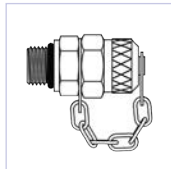
Dash Size	Male JIC	Male Test Point
04-M16X2.0	7/16-20	M16X2.0

TPM**AVAILABILITY**

» Import Steel

Test Point - Metric to Test Point

Dash Size	Male Metric	Male Test Point
08-M16X2.0	M8X1.0	M16X2.0
10-M16X2.0	M10X1.0	M16X2.0
12-M16X2.0	M12X1.5	M16X2.0
14-M16X2.0	M14X1.5	M16X2.0
16-M16X2.0	M16X1.5	M16X2.0

TPO**AVAILABILITY**

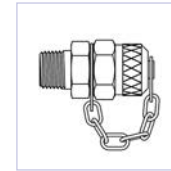
» Import Steel

Test Point - O-Ring to Test Point

Dash Size	Male O-Ring	Male Test Point
02-M16X2.0	5/16-24	M16X2.0
04-M16X2.0	7/16-20	M16X2.0
05-M16X2.0	1/2-20	M16X2.0
06-M16X2.0	9/16-18	M16X2.0
08-M16X2.0	3/4-16	M16X2.0

Test Point - Pipe to Test Point

Dash Size	Male Pipe	Male Test Point
02-M16X2.0	1/8-27	M16X2.0
04-M16X2.0	1/4-18	M16X2.0
06-M16X2.0	3/8-18	M16X2.0



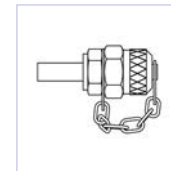
TPP

AVAILABILITY

» Import Steel

Test Point - Metric Standpipe to Test Point

Dash Size	Metric Standpipe	Male Test Point
06-M16X2.0	6mm	M16X2.0
08-M16X2.0	8mm	M16X2.0
10-M16X2.0	10mm	M16X2.0
12-M16X2.0	12mm	M16X2.0



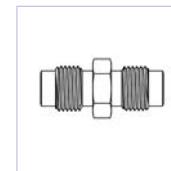
TPSP

AVAILABILITY

» Import Steel

Test Point to Test Point (No Check Valve)

Dash Size	Male Test Point	Male Test Point
M16X2.0-M16X2.0	M16X2.0	M16X2.0



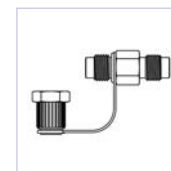
TPU-U

AVAILABILITY

» Import Steel

Test Point to Test Point (With Check Valve)

Dash Size	Male Test Point	Male Test Point
M16X2.0-M16X2.0	M16X2.0	M16X2.0



TPU-V

AVAILABILITY

» Import Steel

Microbore Hose Assembly - JIC To JIC

Custom hose assemblies are available; please call us with your requirements at 800-255-1008.

Stock Number	Female JIC	Female JIC	Length
MBH,4FJ-4FJ,012	7/16-20	7/16-20	12"
MBH,4FJ-4FJ,018	7/16-20	7/16-20	18"
MBH,4FJ-4FJ,024	7/16-20	7/16-20	24"
MBH,4FJ-4FJ,036	7/16-20	7/16-20	36"
MBH,4FJ-4FJ,040	7/16-20	7/16-20	40"
MBH,4FJ-4FJ,060	7/16-20	7/16-20	60"
MBH,4FJ-4FJ,072	7/16-20	7/16-20	72"
MBH,4FJ-4FJ,096	7/16-20	7/16-20	96"
MBH,4FJ-4FJ,120	7/16-20	7/16-20	120"
MBH,4FJ-4FJ,144	7/16-20	7/16-20	144"
MBH,4FJ-4FJ,240	7/16-20	7/16-20	240"



MBH FJ-FJ

AVAILABILITY

» Import Steel



AVAILABILITY
» Import Steel



Microbore Hose Assembly - Pipe to Pipe

Custom hose assemblies are available; please call us with your requirements at 800-255-1008.

Stock Number	Female Pipe	Female Pipe	Length
MBH,4FP-4FP,012	1/4-18	1/4-18	12"
MBH,4FP-4FP,018	1/4-18	1/4-18	18"
MBH,4FP-4FP,024	1/4-18	1/4-18	24"
MBH,4FP-4FP,040	1/4-18	1/4-18	40"
MBH,4FP-4FP,060	1/4-18	1/4-18	60"
MBH,4FP-4FP,072	1/4-18	1/4-18	72"
MBH,4FP-4FP,096	1/4-18	1/4-18	96"
MBH,4FP-4FP,120	1/4-18	1/4-18	120"
MBH,4FP-4FP,240	1/4-18	1/4-18	240"



AVAILABILITY
» Import Steel



Microbore Hose Assembly - Test Point to Pipe

Custom hose assemblies are available; please call us with your requirements at 800-255-1008.

Stock Number	Female Test Point	Female Pipe	Length
MBH,TP-4FP,012	M16X2.0	1/4-18	12"
MBH,TP-4FP,018	M16X2.0	1/4-18	18"
MBH,TP-4FP,024	M16X2.0	1/4-18	24"
MBH,TP-4FP,036	M16X2.0	1/4-18	36"
MBH,TP-4FP,048	M16X2.0	1/4-18	48"
MBH,TP-4FP,060	M16X2.0	1/4-18	60"
MBH,TP-4FP,072	M16X2.0	1/4-18	72"
MBH,TP-4FP,120	M16X2.0	1/4-18	120"
MBH,TP-4FP,240	M16X2.0	1/4-18	240"
MBH,TP-4FP,360	M16X2.0	1/4-18	360"



AVAILABILITY
» Import Steel



Microbore Hose Assembly - Test Point to Test Point

Custom hose assemblies are available; please call us with your requirements at 800-255-1008.

Stock Number	Female Test Point	Female Test Point	Length
MBH,TP-TP,012	M16X2.0	M16X2.0	12"
MBH,TP-TP,016	M16X2.0	M16X2.0	16"
MBH,TP-TP,018	M16X2.0	M16X2.0	18"
MBH,TP-TP,024	M16X2.0	M16X2.0	24"
MBH,TP-TP,032	M16X2.0	M16X2.0	32"
MBH,TP-TP,036	M16X2.0	M16X2.0	36"
MBH,TP-TP,040	M16X2.0	M16X2.0	40"
MBH,TP-TP,048	M16X2.0	M16X2.0	48"
MBH,TP-TP,060	M16X2.0	M16X2.0	60"
MBH,TP-TP,072	M16X2.0	M16X2.0	72"
MBH,TP-TP,080	M16X2.0	M16X2.0	80"
MBH,TP-TP,096	M16X2.0	M16X2.0	96"
MBH,TP-TP,104	M16X2.0	M16X2.0	104"
MBH,TP-TP,120	M16X2.0	M16X2.0	120"
MBH,TP-TP,138	M16X2.0	M16X2.0	138"
MBH,TP-TP,144	M16X2.0	M16X2.0	144"
MBH,TP-TP,180	M16X2.0	M16X2.0	180"
MBH,TP-TP,240	M16X2.0	M16X2.0	240"

Test Point Kits

Test Point Kit – JIC Fittings

CASE FEATURES

- Rugged construction with reinforced aluminum edging for added protection.
- High-density foam inserts, custom-cut by order to match your specific kit items.
- Four no-mar rubber feet.
- 2 locking latches, with 2 keys and carrying strap.



TPK-JIC KIT

The JIC Test Point Kit includes the items listed below.

Part	Description	QTY
GP6504-04-04	4MJ-4FJX w/ -4 SAE PORT	1
GP6504-06-06	6MJ-6FJX w/ -4 SAE PORT	1
GP6504-08-08	8MJ-8FJX w/ -4 SAE PORT	1
GP6504-10-10	10MJ-10FJX w/ -4 SAE PORT	1
GP6504-12-12	12MJ-12FJX w/ -4 SAE PORT	1
GP6504-16-16	16MJ-16FJX w/ -4 SAE PORT	1
GP6504-20-20	20MJ-20FJX w/ -4 SAE PORT	1
GP6504-24-24	24MJ-24FJX w/ -4 SAE PORT	1
HGCP-04	1/4 NPT Gauge Connector	1
PGL-LM25-MP4-01000-SS	GAUGE 1000 PSI 2.5" DIAL 4MP LOWER MOUNT	1
PGL-LM25-MP4-05000-SS	GAUGE 5000 PSI 2.5" DIAL 4MP LOWER MOUNT	1
TPP-04	1/4 NPT	1
TPO-04	4 Male O-Boss	1
TPM-10	10x1.0 MM	1
TPBP-04	1/4 BSPP	1
GCP-04	1/4 NPT Direct Gauge Connector	1
MBH-162-32	M16x2.0 Female x Female 32" Long	1



Test Point Kit – Flat Face Fittings

CASE FEATURES

- Rugged construction with reinforced aluminum edging for added protection.
- High-density foam inserts, custom-cut by order to match your specific kit items.
- Four no-mar rubber feet.
- 2 locking latches, with 2 keys and carrying strap.

The O-Ring Face Seal Test Point Kit includes the items listed below.

Part	Description	QTY
GPFF2406-04-04	4MFF-4FFX w/ -4 SAE PORT	1
GPFF2406-06-06	6MFF-6FFX w/ -4 SAE PORT	1
GPFF2406-08-08	8MFF-8FFX w/ -4 SAE PORT	1
GPFF2406-10-10	10MFF-10FFX w/ -4 SAE PORT	1
GPFF2406-12-12	12MFF-12FFX w/ -4 SAE PORT	1
GPFF2406-16-16	16MFF-16FFX w/ -4 SAE PORT	1
GPFF2406-20-20	20MFF-20FFX w/ -4 SAE PORT	1
HGCP-04	1/4 NPT Gauge Connector	1
PGL-LM25-MP4-01000-SS	GAUGE 1000 PSI 2.5" DIAL 4MP LOWER MOUNT	1
PGL-LM25-MP4-05000-SS	GAUGE 5000 PSI 2.5" DIAL 4MP LOWER MOUNT	1
TPP-04	1/4 NPT	1
TPO-04	4 Male O-Boss	1
TPM-10	10x1.0 MM	1
TPBP-04	1/4 BSPP	1
GCP-04	1/4 NPT Direct Gauge Connector	1
MBH-162-32	M16x2.0 Female x Female 32" Long	1

Test Point Kit – Custom

Great for maintenance, monitoring, and emergency repair, a hydraulic test kit from Tompkins helps you maximize equipment up-time and quickly diagnose problems, should they occur. Best of all, with Tompkins you create your own hydraulic test kit, making it more affordable and applicable to your specific needs. Include only the components you need - test points, pressure gauges, hoses, gauge port adapters - for your operations.



**TPK-CUSTOM
KIT**

Your custom test kit includes a durable case with custom foam inserts and your selection of components.

YOU MAY CHOOSE FROM THE FOLLOWING COMPONENTS

- Male and Female Test Points
- Direct Gauge Connectors
- Hose Assembly
- Pressure Gauges
- Gauge Port Fittings
- Hose Gauge Connectors
- Metric Standpipe Test Points

Contact a Customer Service Representative at 800 number below to create your own custom Test Kit.

Notes

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Clamps



CLAMPS

Clamps

WGC



Worm Gear Clamp

For common home and auto applications.

- Screw: 5/16" hex-head, plated carbon steel.
- Band: 1/2" width, 201/301 stainless steel.
- Housing: 201/301 stainless steel.

AVAILABILITY

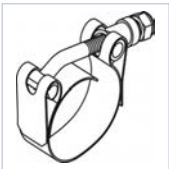
» Steel

CLAMP TYPE

Worm Gear

SKU	Minimum Clamping Diameter	Maximum Clamping Diameter
WGC-04	0.25	0.625
WGC-06	0.313	0.875
WGC-08	0.437	1.00
WGC-10	0.50	1.06
WGC-12	0.50	1.25
WGC-16	0.688	1.50
WGC-20	0.75	1.75
WGC-24	1.00	2.00
WGC-28	1.25	2.25
WGC-32	1.50	2.50
WGC-36	1.75	2.75
WGC-40	2.00	3.00
WGC-44	2.25	3.25
WGC-48	2.50	3.50
WGC-56	3.00	4.00
WGC-60	2.25	4.25
WGC-64	2.50	4.50
WGC-72	3.00	5.00
WGC-80	3.25	5.25
WGC-88	4.00	6.00
WGC-96	4.50	6.50
WGC-104	5.00	7.00
WGC-128	6.50	8.50
WGC-188	9.375	12.25
WGC-248	13.125	16.00

TBC



T-Bolt Clamps

Heavy duty T-bolt clamps provide uniform sealing pressure for a positive, reliable seal. They are specifically designed for use in high vibration and large diameter applications. Typical applications include truck air intake systems, cold side charge air systems, off-road equipment and industrial machinery.

CLAMP TYPE

T-Bolt

SKU	Minimum Clamping Diameter	Maximum Clamping Diameter
TBC131	1.25	1.41
TBC150	1.375	1.57
TBC163	1.50	1.69
TBC175	1.63	1.88
TBC188	1.69	1.94
TBC200	1.75	2.00
TBC213	1.88	2.19
TBC225	2.00	2.31
TBC238	2.13	2.44
TBC250	2.25	2.56
TBC256	2.31	2.62
TBC263	2.38	2.69
TBC275	2.52	2.81
TBC288	2.63	2.94
TBC300	2.75	3.06

SKU	Minimum Clamping Diameter	Maximum Clamping Diameter
TBC312	2.88	3.19
TBC325	3.00	3.31
TBC338	3.13	3.44
TBC350	3.25	3.56
TBC375	3.50	3.81
TBC400	3.77	4.06
TBC425	4.00	4.31
TBC450	4.25	4.56
TBC475	4.52	4.81
TBC500	4.75	5.06
TBC525	5.00	5.31
TBC550	5.25	5.56
TBC575	5.52	5.81
TBC600	5.75	6.06
TBC625	6.00	6.31
TBC650	6.27	6.56
TBC750	7.25	7.56

TBC
▼ continued

Supra Heavy-Duty T-Bolt Hose Clamp - Stainless Steel

The Supra W2 is a reliable, heavy-duty clamp that can be opened up and fastened again when in place without dislodging any other parts of the clamp. Its revolutionary swiveling bridge means it can be mounted in awkward applications without having to remove the hose. Beveled edges protect hoses from damage. The high-strength bolt, together with the captive nut and spacer system allow you to clamp the most demanding of hose assemblies.

CLAMP TYPE

Supra W2

SKU	Torque Inch (LBS)	Minimum Clamping Diameter	Maximum Clamping Diameter
SUPRA W2-075	88.50	0.67	0.75
SUPRA W2-080	88.50	0.75	0.83
SUPRA W2-090	88.50	0.83	0.91
SUPRA W2-100	88.50	0.91	0.98
SUPRA W2-105	88.50	0.98	1.06
SUPRA W2-115	88.50	1.06	1.14
SUPRA W2-120	115.10	1.14	1.22
SUPRA W2-125	115.10	1.22	1.34
SUPRA W2-140	115.10	1.34	1.46
SUPRA W2-150	115.10	1.46	1.57
SUPRA W2-165	115.10	1.57	1.69
SUPRA W2-175	141.60	1.69	1.85
SUPRA W2-200	141.60	1.85	2.01
SUPRA W2-215	141.60	2.01	2.17
SUPRA W2-225	141.60	2.17	2.32
SUPRA W2-238	141.60	2.32	2.48
SUPRA W2-250	141.60	2.48	2.68
SUPRA W2-275	265.50	2.68	2.87
SUPRA W2-300	265.50	2.87	3.11
SUPRA W2-325	265.50	3.11	3.35
SUPRA W2-350	265.50	3.35	3.58
SUPRA W2-375	265.50	3.58	3.82
SUPRA W2-400	265.50	3.82	4.09
SUPRA W2-425	265.50	4.09	4.41
SUPRA W2-475	265.50	4.41	4.76
SUPRA W2-500	265.50	4.76	5.12
SUPRA W2-550	398.30	5.12	5.51



SUPRA W2

AVAILABILITY
» Stainless Steel

▼ SUPRA W2 continues

Clamps

SUPRA W2
▼ continued

SKU	Torque Inch (LBS)	Minimum Clamping Diameter	Maximum Clamping Diameter
SUPRA W2-575	398.30	5.51	5.91
SUPRA W2-600	398.30	5.91	6.38
SUPRA W2-650	398.30	6.38	6.85
SUPRA W2-700	398.30	6.85	7.36
SUPRA W2-750	398.30	7.36	7.87
SUPRA W2-800	398.30	7.87	8.39
SUPRA W2-850	398.30	8.39	8.90
SUPRA W2-900	398.30	8.90	9.41
SUPRA W2-950	398.30	9.41	9.92
SUPRA W2-1000	398.30	9.92	10.83
SUPRA W2-1075	398.30	10.83	10.94
SUPRA W2-1275	398.30	12.48	12.99

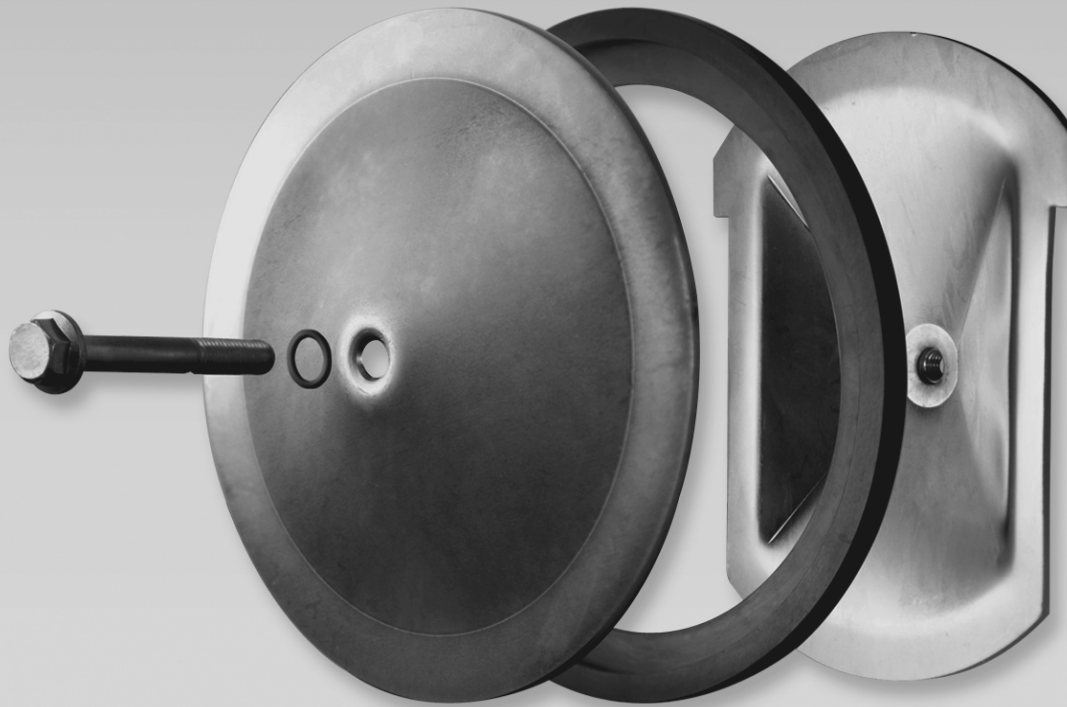
HK



Hose Clamp

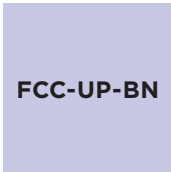
Used for support for long hose lengths. Also aids proper hose routing where abrasion or heat exists.
Material: ASTM A1008 CS type B Steel with 1/32" thick black vinyl cushion.

CLAMP TYPE			Hose
SKU	Minimum Clamping Diameter	Maximum Clamping Diameter	Bolt Hole Size
HK0413	0.187	0.187	13/32
HK0509	0.25	0.25	9/32
HK0511	0.25	0.25	11/32
HK0709	0.375	0.375	9/32
HK0713	0.375	0.375	13/32
HK0809	0.437	0.437	9/32
HK0913	0.50	0.50	13/32
HK0917	0.50	0.50	17/32
HK1013	0.562	0.562	13/32
HK1111	0.625	0.625	11/32
HK1113	0.625	0.625	13/32
HK1213	0.688	0.688	13/32
HK1313	0.75	0.75	13/32
HK1317	0.75	0.75	17/32
HK1413	0.812	0.812	13/32
HK1513	0.875	0.875	13/32
HK1613	0.937	0.937	13/32
HK1713	1.00	1.00	13/32
HK1813	1.06	1.06	13/32
HK1913	1.125	1.125	13/32
HK2017	1.187	1.187	17/32
HK2117	1.25	1.25	17/32
HK2317	1.375	1.375	17/32
HK2513	1.50	1.50	13/32
HK2517	1.50	1.50	17/32
HK2617	1.562	1.562	17/32
HK2913	1.75	1.75	13/32
HK2917	1.75	1.75	17/32
HK3117	1.88	1.88	17/32
HK3217	1.94	1.94	17/32
HK3317	2.00	2.00	17/32
HK3417	2.156	2.156	17/32
HK3817	2.656	2.656	17/32
HK4913	3.00	3.00	13/32
HK6513	4.00	4.00	13/32

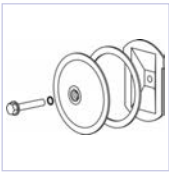


HYDRAULIC TANK COMPONENTS

Hydraulic Tank Covers - Cleanout Covers



AVAILABILITY
» Unplated Steel



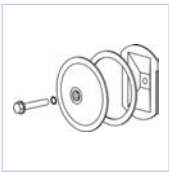
Cleanout Cover-Unplated Steel, Buna-N (Nitrile) Gasket

This is a patented design access cover offered by Tompkins Industries (US7721904 B). The self-centering anti-rotation inner plate does not drop during disassembly. Please see the website for more information.

GASKET TYPE		Buna-N Nitrile
SKU	Opening Diameter	
FCC-06-UP-BN-KIT	5"	
FCC-08-UP-BN-KIT	6"	
FCC-10-UP-BN-KIT	8"	
FCC-12-UP-BN-KIT	10"	
FCC-14-UP-BN-KIT	12"	



AVAILABILITY
» Zinc Plated Steel



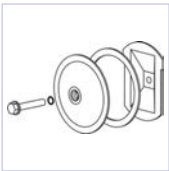
Cleanout Cover-Zinc Plated Steel, Buna-N (Nitrile) Gasket

This is a patented design access cover offered by Tompkins Industries (US7721904 B). The self-centering anti-rotation inner plate does not drop during disassembly. Please see the website for more information.

GASKET TYPE		Buna-N Nitrile
SKU	Opening Diameter	
FCC-06-YZ-BN-KIT	5"	
FCC-08-YZ-BN-KIT	6"	
FCC-10-YZ-BN-KIT	8"	
FCC-12-YZ-BN-KIT	10"	
FCC-14-YZ-BN-KIT	12"	



AVAILABILITY
» Zinc Plated Steel



Cleanout Cover-Zinc Plated Steel, High Temp Silicone Gasket

This is a patented design access cover offered by Tompkins Industries (US7721904 B). The self-centering anti-rotation inner plate does not drop during disassembly. Please see the website for more information.

GASKET TYPE		High-temperature Silicone
SKU	Opening Diameter	
FCC-06-YZ-SC-KIT	5"	
FCC-08-YZ-SC-KIT	6"	

Tank Weld Flanges

O-Ring

Unplated steel.

SHAPE

Straight

Dash Size	Female O-Ring
04	7/16-20
05	1/2-20
06	9/16-18
08	3/4-16
10	7/8-14
12	1 1/16-12
14	1 3/16-12
16	1 5/16-12
20	1 5/8-12
24	1 7/8-12
32	2 1/2-12
48	3 3/8-12



AVAILABILITY
» Import Steel

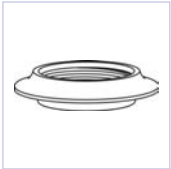
NPT

Unplated steel.

SHAPE

Straight

Dash Size	Female Pipe
04	1/4-18
06	3/8-18
08	1/2-14
12	3/4-14
16	1-11 1/2
20	1 1/4-11 1/2
24	1 1/2-11 1/2
32	2-11 1/2
48	3-8



AVAILABILITY
» Import Steel

Notes

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CAP & PLUG KITS

Cap & Plug Kits

CAP PLUG
KIT-BSPP



AVAILABILITY

» Steel

CAP PLUG KIT-BSPP

Each kit comes in a blue polyethylene high-density (PEHD) hinged case that is 14" X 9" X 3.25". Inside the kit lid is a size legend with the Cap and Plug screwed together in pairs.

British Standard Parallel Pipe Cap and Plug Kit

Quantity	Cap	Plug
4	3406-04	3408-04
4	3406-06	3408-06
4	3406-08	3408-08
4	3406-10	3408-10
4	3406-12	3408-12
4	3406-16	3408-16
4	3406-20	3408-20

CAP PLUG
KIT-DIN
HEAVY



AVAILABILITY

» Steel

CAP PLUG KIT-DIN HEAVY

Each kit comes in a blue polyethylene high-density (PEHD) hinged case that is 14" X 9" X 3.25". Inside the kit lid is a size legend with the Cap and Plug screwed together in pairs.

Heavy Din (Metric) Cap and Plug Kit

Quantity	Cap	Plug
3	MC6003-S06	MC6004-S06
3	MC6003-S08	MC6004-S08
3	MC6003-S10	MC6004-S10
2	MC6003-S12	MC6004-S12
2	MC6003-S14	MC6004-S14
2	MC6003-S16	MC6004-S16
2	MC6003-S20	MC6004-S20

CAP PLUG
KIT-DIN
LIGHT



AVAILABILITY

» Steel

CAP PLUG KIT-DIN LIGHT

Each kit comes in a blue polyethylene high-density (PEHD) hinged case that is 14" X 9" X 3.25". Inside the kit lid is a size legend with the Cap and Plug screwed together in pairs.

Light Din (Metric) Cap and Plug Kit

Quantity	Cap	Plug
3	MC6003-L06	MC6004-L06
3	MC6003-L08	MC6004-L08
3	MC6003-L10	MC6004-L10
2	MC6003-L12	MC6004-L12
2	MC6003-L15	MC6004-L15
2	MC6003-L18	MC6004-L18
2	MC6003-L22	MC6004-L22

CAP PLUG KIT-FF

Each kit comes in a blue polyethylene high-density (PEHD) hinged case that is 14" X 9" X 3.25". Inside the kit lid is a size legend with the Cap and Plug screwed together in pairs.

Flat Face or O-Ring Face Seal Cap and Plug Kit

Quantity	Cap	Plug
6	FF0304-C-04	FF2408-04
6	FF0304-C-06	FF2408-06
6	FF0304-C-08	FF2408-08
6	FF0304-C-10	FF2408-10
4	FF0304-C-12	FF2408-12
4	FF0304-C-16	FF2408-16



CAP PLUG
KIT-FF

AVAILABILITY
» Steel

CAP PLUG KIT-JIC

Each kit comes in a blue polyethylene high-density (PEHD) hinged case that is 14" X 9" X 3.25". Inside the kit lid is a size legend with the Cap and Plug screwed together in pairs.

Joint Industry Council Cap and Plug Kit

Quantity	Cap	Plug
6	0304-C-04	2408-04
6	0304-C-06	2408-06
6	0304-C-08	2408-08
6	0304-C-10	2408-10
6	0304-C-12	2408-12
5	0304-C-16	2408-16
4	0304-C-20	2408-20



CAP PLUG
KIT-JIC

AVAILABILITY
» Steel

CAP PLUG KIT-JIS

Each kit comes in a blue polyethylene high-density (PEHD) hinged case that is 14" X 9" X 3.25". Inside the kit lid is a size legend with the Cap and Plug screwed together in pairs.

Japanese Industrial Standard Cap and Plug Kit

Quantity	Cap	Plug
5	3861-04	3862-04
5	3861-06	3862-06
5	3861-08	3862-08
5	3861-12	3862-12
5	3861-16	3862-16
5	3861-20	3862-20



CAP PLUG
KIT-JIS

AVAILABILITY
» Steel

CAP PLUG
KIT-NPT



AVAILABILITY

» Steel

CAP PLUG KIT-NPT

Each kit comes in a blue polyethylene high-density (PEHD) hinged case that is 14" X 9" X 3.25". Inside the kit lid is a size legend with the Cap and Plug screwed together in pairs.

National Pipe Thread Cap and Plug Kit

Quantity	Cap	Plug
6	5406-CAP-04	5406-P-04
6	5406-CAP-06	5406-P-06
6	5406-CAP-08	5406-P-08
6	5406-CAP-12	5406-P-12
6	5406-CAP-16	5406-P-16
4	5406-CAP-20	5406-P-20

PLUG
KIT-ORB



AVAILABILITY

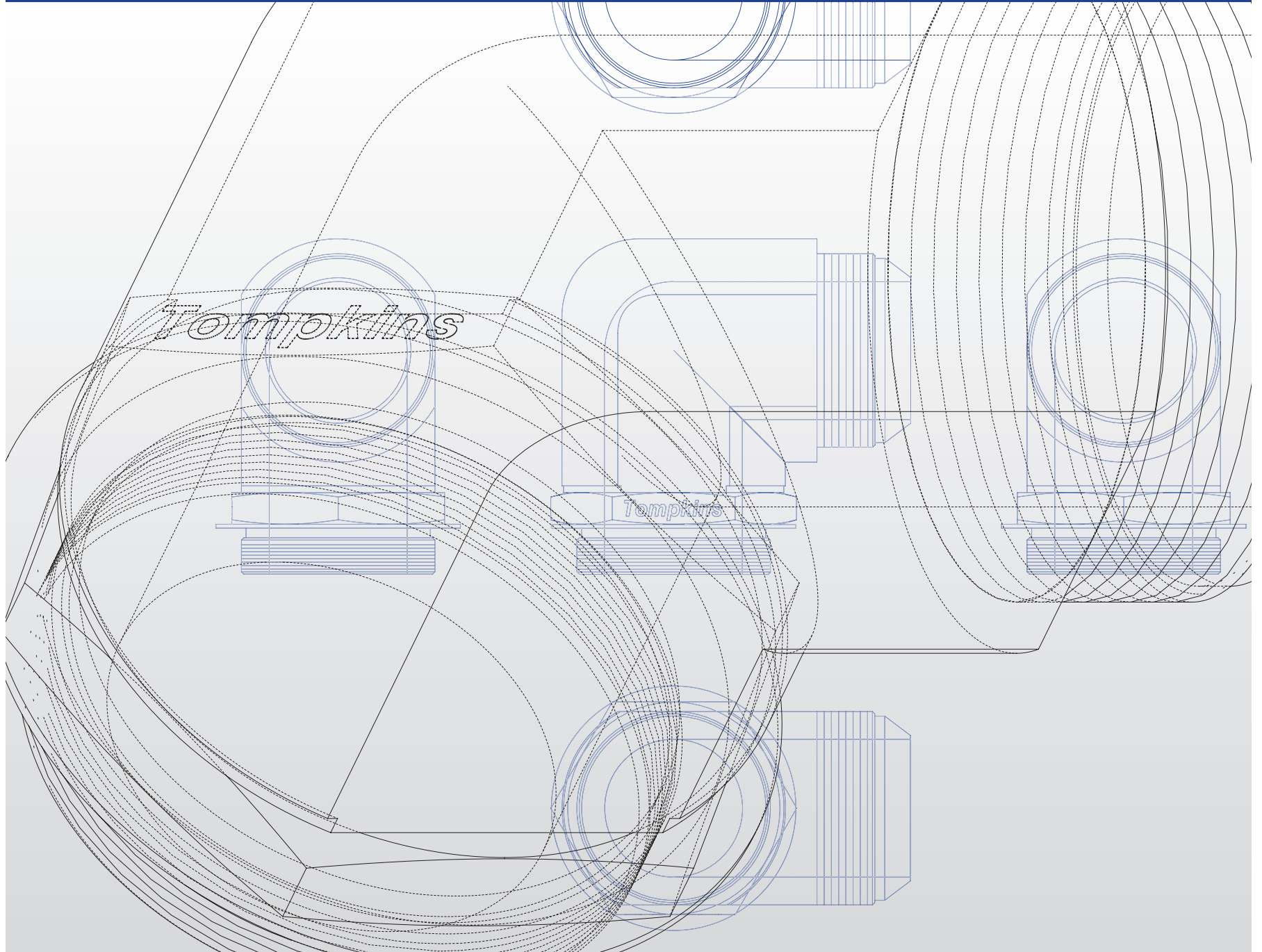
» Steel

PLUG KIT-ORB

Each kit comes in a blue polyethylene high-density (PEHD) hinged case that is 14" X 9" X 3.25". Inside the kit lid is a size legend.

O-Ring Boss Kit (Hex Head and Hollow Hex Plugs)

Quantity	Plug	Plug
3	6408-04	6408-HHP-04
3	6408-06	6408-HHP-06
1	6408-08	6408-HHP-08
1	6408-10	6408-HHP-10
1	6408-12	6408-HHP-12
1	6408-16	6408-HHP-16
1	6408-20	6408-HHP-20
1	6408-24	6408-HHP-24
1	6408-32	6408-HHP-32



APPENDIX: TECHNICAL INFORMATION

About Working Pressure

The tables on the following pages list the recommended working pressure for a variety of hydraulic fittings made in accordance with world standards. Many factors such as impulse, vibration, mechanical shock, and improper assembly may affect the integrity of the fitting connection.

Tompkins Industries and SAE International™ 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 application and maximum pressure requirements when selecting fittings.

WARNING: WHEN USING A FITTING WITH VARYING CONNECTION SIZES OR TYPES, DO NOT EXCEED THE WORKING PRESSURE OF THE LOWEST RATED CONNECTION END COMPRISING THE FITTING.

For pressures exceeding SAE standards, please contact the Tompkins Technical Staff.

Methods for Installing Fittings

There are three methods for installing a fitting:

- Torque wrench
- Flats From Wrench Resistance (FFWR)
- Turns From Finger Tight (TFFT)

For Flare and NPSM Fittings, Tompkins recommends the FFWR method be used whenever possible. When torque wrenches are not available or usable, use the FFWR method.

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

Using a Torque Wrench

The torque values given in the tables on the following pages are for reference purposes only based on industry standard practice and for low carbon steel mating with steel/iron components. Actual torque values may need to be adjusted due to variances described above.

SAE recommends always making a wet (lubricated) installation or connection to reduce friction on moving parts, O-rings, and variances in material and plating. The torque values in these tables are based off SAE values using a .17 coefficient of friction as per SAE J2593. For torque on softer materials such as brass or aluminum, reduce the value in the table by 1/3. Example, 30 ft/lbs would be 20 ft/lbs. Many hydraulic leaks are a result of over-torque, which causes excessive deformation of material or exceeds the yield strength of the material, which may reduce the load or clamping force between seal contacts.

If more than one value or range is given, use the lower value first and increase only if required. Over-torquing can damage a fitting or mating component.

Using Flats From Wrench Resistance (FFWR) For Flared Fittings

Flats From Wrench Resistance (FFWR) is the preferred method of connecting flared fittings such as JIC and NPSM. Due to variance in materials, flared fittings are more susceptible to over-torque because of the cone collapse during connection. Tompkins Industries, SAE International, and other fitting suppliers recommend that the FFWR method be used for flared fitting connections whenever possible. When torque wrenches are not available, the FFWR may be used for other fitting installation connection types.

The Flats From Wrench Resistance (FFWR) method is based on the hexagon or hex nut of a fitting. The hex nut is divided into angles of rotation of a circle or 360° . One hex nut side is a Flat and makes up of $1/6$ of the circle or 60° . Hence, to turn one flat is equal to 60° of rotation.

For example, we can think of a hex nut like a clock face. One flat equals 2 hours or 60° (Figure 1).

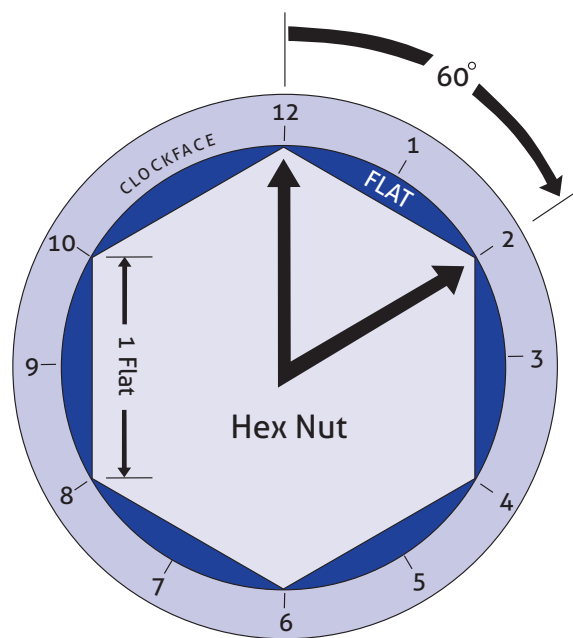


Figure 1: FFWR Diagram

Using Turns From Finger Tight (TFFT) For Tapered Fittings

Turns From Finger Tight (TFFT) is the preferred method for tapered fittings such as NPT and BSPT. Taper threaded ports and fittings seal on the threads engaging each other, but do require a sealant to insure sealing.

NPT threaded connections can have a small void at the root/crest junction when external and internal thread flanks make contact. Without the application of a proper thread sealant to fill this void, a spiral leak path will occur.

On NPTF threads ([Figure 2](#)), the root and crest are machined with higher precision and a smaller tolerance enabling the flanks to contact more area, further minimizing the crest to root void. Even though NPTF threaded connections are more precise, they also require a thread sealant prior to installation to improve sealing.

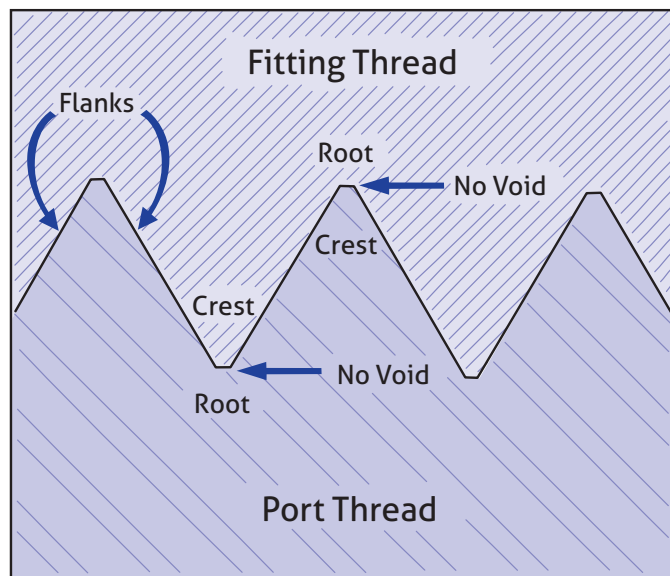


Figure 2 : NPTF Thread View
(National Pipe Taper Fuel)

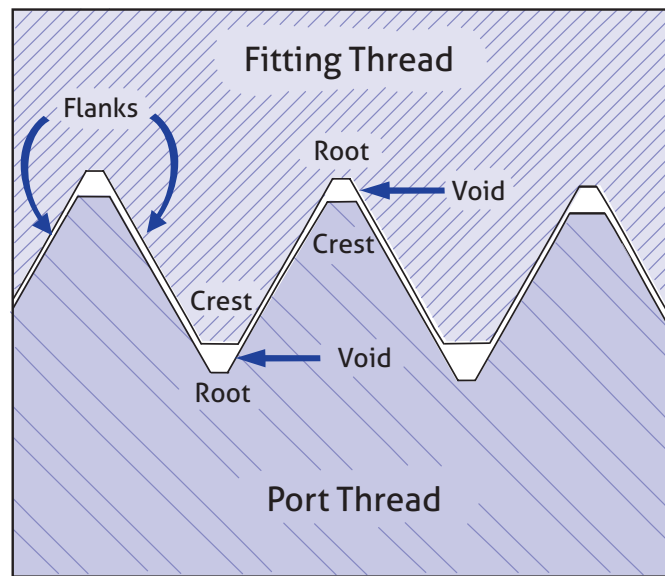


Figure 3 : NPT Thread View
(National Pipe Taper)

BSPT and Metric tapered threads work and are installed in the same manner as NPT and NPTF. Confirm with the thread sealant supplier instructions that you are using the correct sealant for the application.

Because of the extent of variables involved in this type of seal such as material, type of sealant, thread quality and other factors, the TFFT method helps insure the correct torque is applied. This method focuses on the number of threads engaged rather than a set applied installation force (i.e. ft-lbs). From the point of finger tight is when the turns are counted. Then using a wrench, further tighten the fitting the correct number of turns or full revolutions from finger tight.

Visit the website at tompkinsind.com for more information about using our products, helpful assembly video information, product identification, CAD drawings and our wide range of product lines.



JIC Adapter Specifications

Male flared fittings include a conical nose with external threads for clamping.

A flared fitting or tube assembly is tightened against the cone with a swivel nut. By forcing the flare against the cone during the torquing process, the nose cone is slightly deformed and meshes to create a metal to metal seal between the flare and the cone.

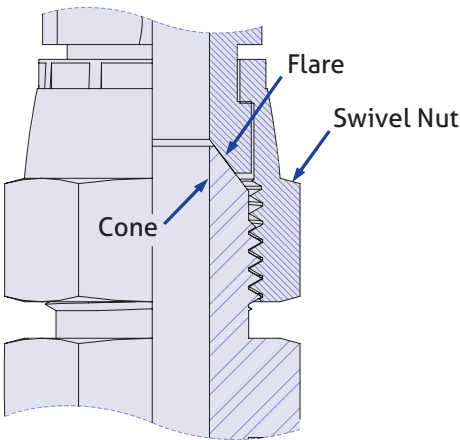


Figure 4: Flare Fitting Assembly

The following table lists the specifications for JIC adapters.

JIC Specifications							
Dash Size	Tube Size	Thread	Working Pressure		Torque		
			Male	Female Swivel Nut	JIC Rigid	JIC Swivel	Bulkhead Locknut
			(psi)	(psi)	(FFWR)	(FFWR)	(ft-lbs) +25% -0%
02	1/8	5/16-24	5000	5000	1/4 - 1/2	2	4
03	3/16	3/8-24	5000	5000	1/4 - 1/2	2	6
04	1/4	7/16-20	5000	4500	1/4 - 1/2	2	10
05	5/16	1/2-20	5000	4000	1/4 - 1/2	2	13
06	3/8	9/16-18	5000	4000	1/4 - 1/2	1 1/2	16
08	1/2	3/4-16	4500	4000	1/4 - 1/2	1 1/2	27
10	5/8	7/8-14	3500	3000	1/4 - 1/2	1 1/2	32
12	3/4	1-1/16-12	3500	3000	1/4 - 1/2	1 1/4	52
14	7/8	1-3/16-12	3000	2500	1/4 - 1/2	1 1/4	66
16	1	1-5/16-12	3000	2500	1/4 - 1/2	1	85
20	1 1/4	1-5/8-12	2500	2000	1/4 - 1/2	1	111
24	1 1/2	1-7/8-12	2000	1500	1/4 - 1/2	1	114
32	2	2-1/2-12	1500	1125	1/4 - 1/2	1	162
Values are per SAE J514							
Tompkins does not recommend torque wrench installation of flared fittings. If you wish to use torque installation, contact Tompkins Technical Staff.							

Table 1 : JIC Specifications

SAE O-Ring Boss Port Specifications

O-ring Boss ports (ORB) provide a seal by trapping the fitting's O-ring inside a port cavity. When a fitting is installed into the port, the O-ring is trapped between the fitting body hex or washer and port cavity.

Straight fittings include a hex, and sometimes an additional cylindrical shoulder below the hex and above the threads, to trap the O-ring in the port cavity.

Elbow and Tee fittings require a backup washer and a locknut above the O-ring on the threaded stud to permit a 360° orientation of the fitting around the port.

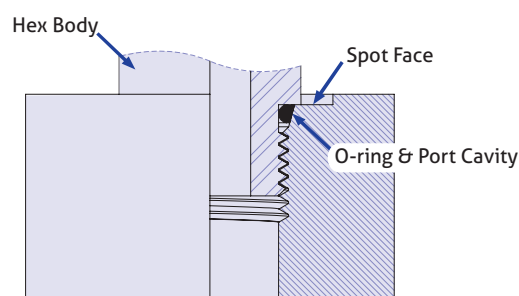


Figure 5 : Straight SAE ORB

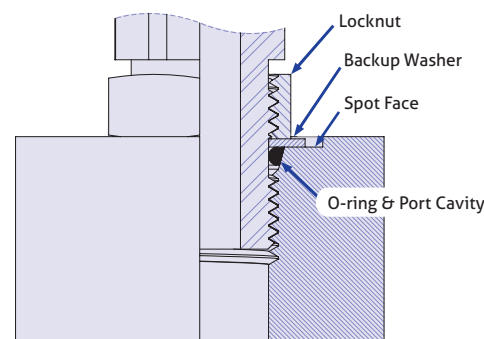


Figure 6: Adjustable SAE ORB

The following table lists the specifications for SAE O-Ring Boss Ports.

SAE O-Ring Boss Specifications								
Dash Size	Tube Size	Thread	SAE-ORB to JIC and Pipe Fittings*			SAE-ORB to ORFS Fittings**		
			Torque	Working Pressure		Torque	Working Pressure	
			Adjustable & Non- Adjustable	Adjustable	Non-Adjustable	Adjustable & Non- Adjustable	Adjustable	Non- Adjustable
			(ft-lbs) +25% -0%	(psi)	(psi)	(ft-lbs) +25% -0%	(psi)	(psi)
02	1/8	5/16-24	6	5000	5000	-	-	-
03	3/16	3/8-24	7	5000	5000	7	6000	9100
04	1/4	7/16-20	13	4500	5000	15	6000	9100
05	5/16	1/2-20	18	4500	5000	18	6000	9100
06	3/8	9/16-18	22	4000	5000	26	6000	9100
08	1/2	3/4-16	37	4000	4500	52	6000	9100
10	5/8	7/8-14	44	3000	3600	74	6000	9100
12	3/4	1-1/16-12	70	3000	3600	125	6000	6000
14	7/8	1-3/16-12	92	2500	3000	158	6000	6000
16	1	1-5/16-12	111	2500	3000	199	5000	6000
20	1 1/4	1-5/8-12	147	2000	2500	210	4000	4000
24	1 1/2	1-7/8-12	155	1800	2300	273	3000	4000
32	2	2-1/2-12	221	1450	1800	-	-	-
* = Light duty studs included on JIC, NPTF and NPSM fittings per SAE J1926/3 & J1514								
** = Heavy duty studs included on ORFS fittings per SAE J1926/2 & J1453								
Note: Torque values are for wet torque and are allowed up to 25% the listed value according to SAE J2593.								

Table 2: SAE O-Ring Boss Specifications

Pipe & Pipe Swivel Adapter Specifications

NPSM fittings include an inverted 60° cone inside an internally threaded swivel union nut. Male NPTF fittings that have a 30° internal chamfer that make a 60° inverted cone, will mate with NPSM swivel unions (*Figure 7*).

NOTE: THE MATING MALE THREADS MUST INCLUDE AN INSIDE CHAMFER ON THE END OF THE FITTING THAT MATES WITH THE INVERTED CONE. THREADS ARE FOR CLAMPING FORCE ONLY AND THE SEALING OCCURS ON A SMALL RADIAL SECTION BETWEEN THE MALE FITTING INTERNAL CHAMFER AND THE SWIVEL UNION INVERTED CONE.

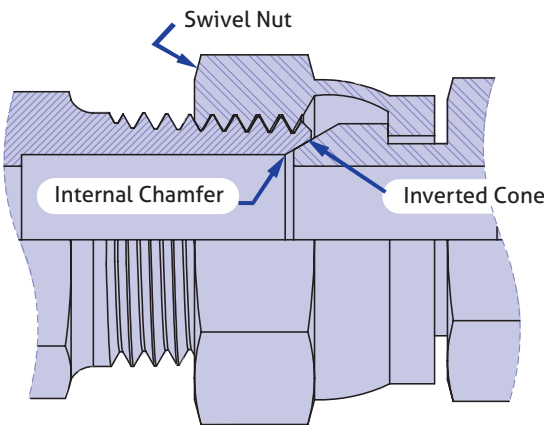


Figure 7 : NPTF & NPSM Union

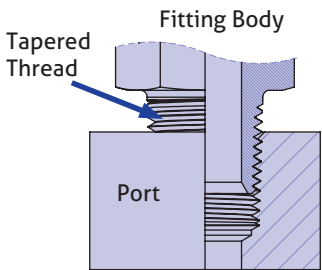


Figure 8: NPT & NPTF Assembly

NPT and NPTF (*Figure 8*) pipe threads seal by wedging the tapered threads through deformation into each other. Both of these threads require thread sealants to complete a seal.

The following table lists the specifications for NPT, NPTF, and NPSM Pipe adapters.

NPT, NPTF, and NPSM Pipe Specifications						
Dash Size	Thread Size	Major OD* (inch)	Working Pressure		Torque	
			NPT, NPTF Male and Female	NPSM Female Swivel Nut	NPT, NPTF	NPSM Swivel Union
			(psi)	(psi)	(TFFT)	(FFWR)
02	1/8-27	.405	5000	5000	2-3	2
04	1/4-18	.540	5000	5000	2-3	2
06	3/8-18	.675	4000	4000	2-3	2
08	1/2-14	.84	3000	3500	2-3	2
12	3/4-14	1.050	2500	2250	2-3	2
16	1-11 1/2	1.315	2000	2000	1 1/2 - 2 1/2	1 1/2
20	1 1/4-11 1/2	1.660	1150	1625	1 1/2 - 2 1/2	1 1/2
24	1 1/2-11 1/2	1.900	1000	1250	1 1/2 - 2 1/2	1 1/2
32	2-11 1/2	2.375	1000	1125	1 1/2 - 2 1/2	1 1/2

Values are per SAE J514 & J2593

Table 3: NPT, NPTF, and NPSM Pipe Specifications

O-ring Face Seal Adapter Specifications

O-ring face seal fittings include a precision groove in the face of the male fitting. Sealing occurs when an O-ring is trapped in the groove by a smooth flat flange that is clamped against the face with a nut or nut and sleeve. The flat flange may be formed or brazed onto the end of a tube, or is machined on a fitting. (Figure 9)

There are two SAE groove types:

- Type A: The original style A O-ring has no retaining ledge. (Figure 10)
- Type B: The Type B groove has a retaining ledge (half dovetail) that improves O-ring retention. The Type B style is more commonly found and is a design improvement over the Type A. (Figure 11)

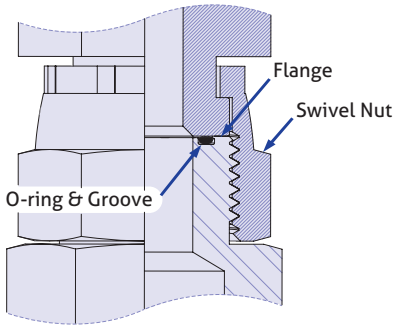


Figure 9 : ORFS Fitting Assembly

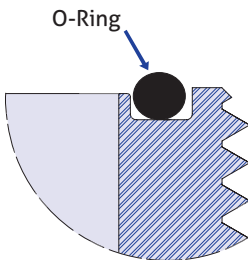


Figure 10: Detail View of Cross Section of Groove Type A

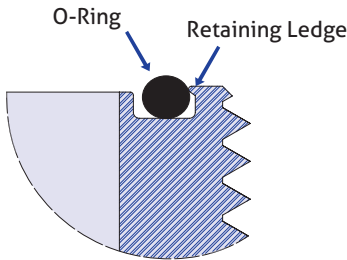


Figure 11 : View of Groove Type B

The following table lists the specifications for O-ring Face Seal adapters.

ORFS Specifications								
Dash Size	Tube Size	Thread Size	Working Pressure		Torque			
			Male	Female Swivel Nut	Male & Female	Bulkhead Locknut	Tube Nuts	Swivel Nuts
			(psi)	(psi)	(ft-lbs) +25% -0%	(ft-lbs) +25% -0%	FFWR	FFWR
04	1/4	9/16-18	6000	6000	18	16	1/4-1/2	1/2-3/4
06	3/8	11/16-16	6000	6000	29	22	1/4-1/2	1/2-3/4
08	1/2	13/16-16	6000	6000	41	29	1/4-1/2	1/2-3/4
10	5/8	1-14	6000	6000	44	44	1/4-1/2	1/2-3/4
12	3/4	1-3/16-12	6000	6000	66	66	1/4-1/2	1/3-1/2
16	1	1-7/16-12	6000	5000	92	92	1/4-1/2	1/3-1/2
20	1 1/4	1-11/16-12	4000	4000	125	111	1/4-1/2	1/3-1/2
24	1 1/2	2-12	4000	3000	147	125	1/4-1/2	1/3-1/2
Note: Values are per SAE J2593 & J1453								
Torque values are for wet installation of steel components. Reduce torque values for softer material components.								

Table 4 : ORFS Specifications

Code 61 & 62 Flange Specifications

Flange ports have a smooth machined surface with four threaded holes around the port. The threads provide a clamping force for the flange against the port. An O-ring seal is trapped in the flange fitting around the port. *(Figure 12)*

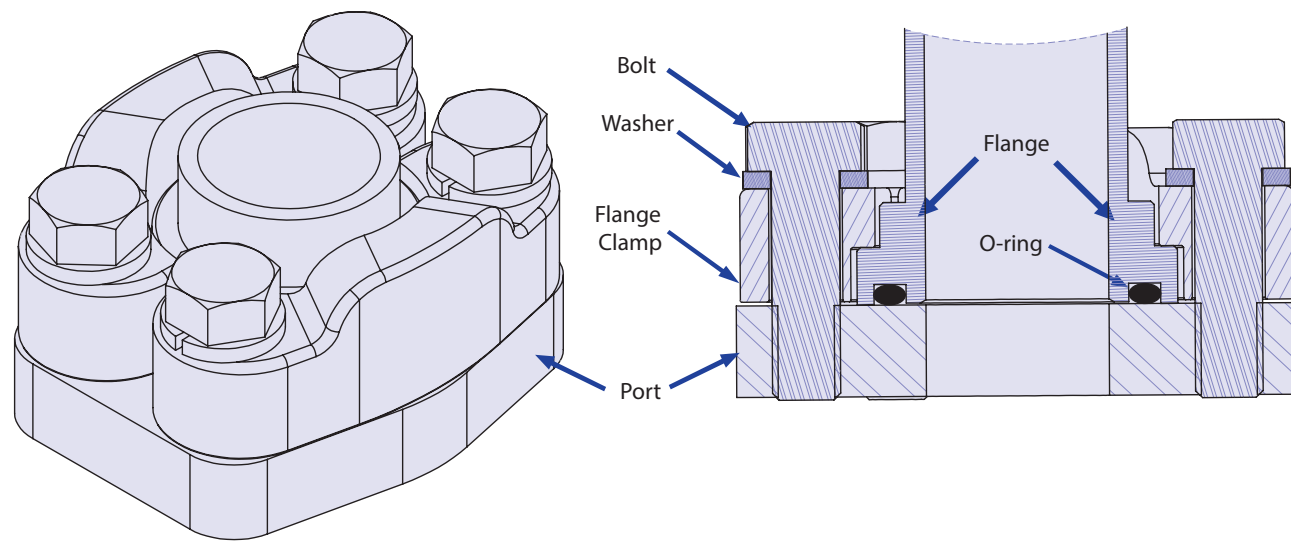


Figure 12 : Flange Port Assembly (Left) Cross Section Flange Port Assembly (Right)

The flange may be a single piece or an assembly (single piece flange is not shown). A single flange piece has four holes that mate with the clamping holes. The assembly flange is a cylindrical shape and is clamped with a full circle flange clamp containing four bolt holes, or with two split flange clamps containing two bolt holes each. *(Figure 12)*

There are two pressure-rated standards:

- Code 61 (Standard Pressure)
- Code 62 (High Pressure)

Each style and size has a unique bolt pattern. The high pressure Code 62 assembly flanges have a larger diameter and thickness than the standard pressure Code 61 flanges.



Appendix: Technical Information

Code 61 (Standard Pressure) Flanges

The following table lists the specifications for Code 61 flanges.

Flange Code 61 Specifications				
Dash Size	Tube Size	Working Pressure	Torque*	Torque**
		(psi)	+10%- 0% (ft-lbs)	+10%- 0% (ft-lbs)
08	1/2	5000	18	24
12	3/4	5000	32	44
16	1	5000	32	44
20	1 1/4	4000	52	68
24	1 1/2	3000	77	111
32	2	3000	77	111
40	2 1/2	2500	77	111
48	3	2000	155	217
56	3 1/2	500	155	217
64	4	500	155	217
Torque values are per SAE J2593 and for wet installation of steel components. Reduce torque values for softer material components.				
* Torque for SAE Grade 5 Screws				
** Torque for SAE Grade 8 Screws				

Table 5: Flange Code 61 Specifications

The following table lists the dimensions for Code 61 flanges.

Flange Code 61 Dimensions								
Dash Size	Tube Size	C	E	Q	GG	A	Z INCH Threads	Z METRIC Threads
08	1/2	1.188	0.268	1.5	0.688	0.50	5/16-18	M8 x 1.25
12	3/4	1.500	0.268	1.875	0.875	0.75	3/8-16	M10 x 1.5
16	1	1.750	0.315	2.063	1.031	1.00	3/8-16	M10 x 1.5
20	1 1/4	2.000	0.315	2.312	1.188	1.25	7/16-14	M10 x 1.5
24	1 1/2	2.375	0.315	2.750	1.406	1.50	1/2-13	M12 x 1.75
32	2	2.812	0.378	3.062	1.688	2.00	1/2-13	M12 x 1.75
40	2 1/2	3.312	0.378	3.500	2.000	2.50	1/2-13	M12 x 1.75
48	3	4.000	0.378	4.188	2.438	3.00	5/8-11	M16 x 2
56	3 1/2	4.500	0.445	4.750	2.750	3.50	5/8-11	M16 x 2
64	4	5.000	0.445	5.125	3.062	4.00	5/8-11	M16 x 2
Hex head bolts are grade 5 and socket head cap bolts are grade 8.								

Table 6: Flange Code 61 Dimensions

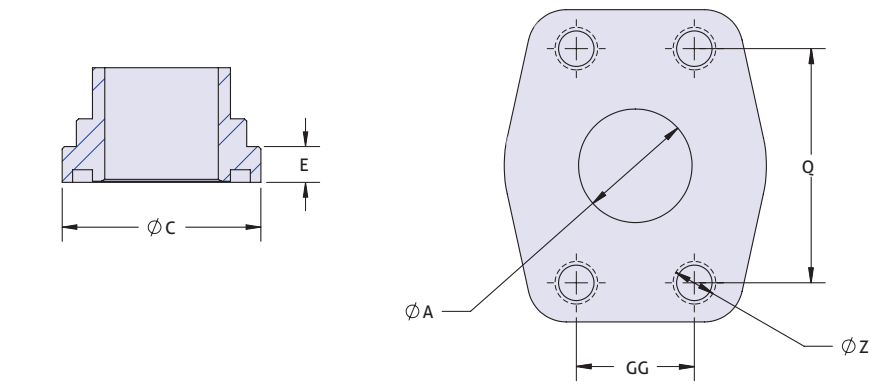


Figure 13 : Code 61 and 62 Figures of the flange (Left) and bolt pattern (Right)



Code 62 (High Pressure) Flanges

The following table lists the specifications for Code 62 flanges.

Flange Code 62 Specifications					
Dash Size	Tube Size	Working Pressure	Torque Range*	Average Torque*	Torque**
		(psi)	(in-lbs)	(ft-lbs)	+10%- 0% (ft-lbs)
08	1/2	6000	175-225	17	24
12	3/4	6000	300-400	29	44
16	1	6000	500-600	46	68
20	1 1/4	6000	750-900	69	111
24	1 1/2	6000	1400-1600	125	217
32	2	6000	2400-2600	208	332
Standards per SAE J2593 & J518					
*Torque for SAE Grade 5 Screws					
**Torque for SAE Grade 8 Screws					

Table 7: Flange Code 62 Specifications

The following table lists the dimensions for Code 62 flanges.

Flange Code 62 Dimensions								
Dash Size	Tube Size	C	E	Q	GG	A	Z INCH Threads	Z METRIC Threads
08	1/2	1.250	0.305	1.594	0.718	0.50	5/16-18	M8 x 1.25
12	3/4	1.625	0.345	2.00	0.937	0.75	3/8-16	M10 x 1.5
16	1	1.875	0.375	2.250	1.093	1.00	7/16-14	M12 x 1.75
20	1 1/4	2.125	0.405	2.625	1.250	1.25	1/2-13	M14 x 2.0
24	1 1/2	2.500	0.495	3.125	1.437	1.50	5/8-11	M16 x 2.0
32	2	3.125	0.495	3.812	1.750	2.00	3/4-10	M20 x 2.5
Note: Hex head bolts are grade 5 and socket head cap bolts are grade 8.								

Table 8: Flange Code 62 Dimensions

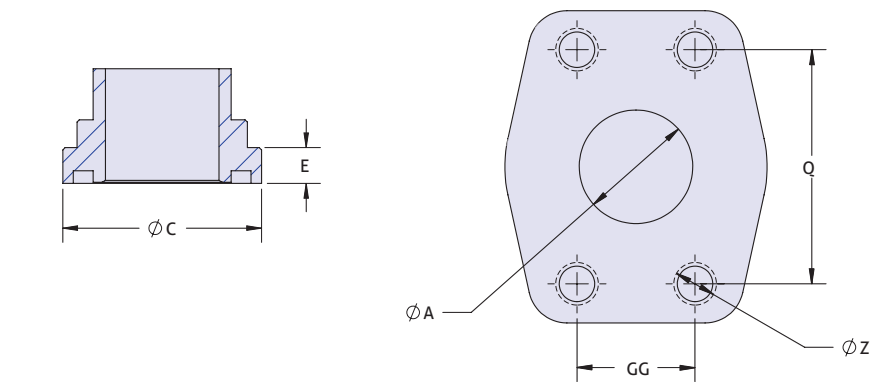


Figure 13 : Code 61 and 62 Figures of the flange (Left) and bolt pattern (Right)

BSPT, BSPP (DIN 3852-2) and Metric (DIN 3852-1) Adapter Specifications

BSPT and Metric tapered threads install and work in the same manner as NPT and NPTF.

Male BSPP fittings include an inverted 60° cone inside an internally threaded swivel union nut. (Figure 15) Male BSPP fittings that have a 30° internal chamfer that make a 60° inverted cone, will mate with Female BSPP swivel unions.

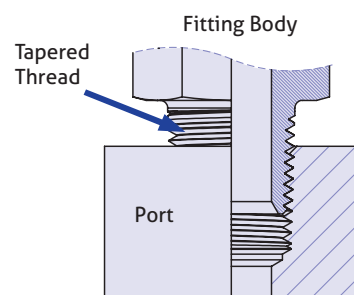


Figure 14: BSPT Assembly

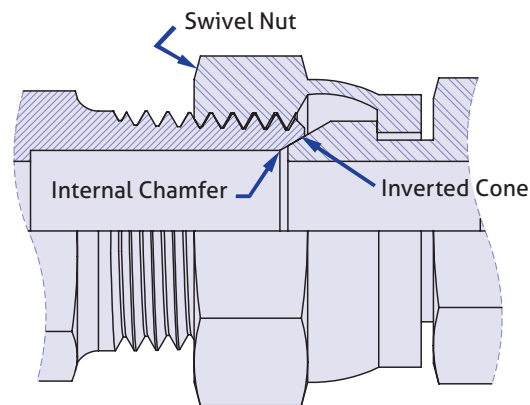


Figure 15: BSPP Union

NOTE: THE MATING MALE THREADS MUST INCLUDE AN INSIDE CHAMFER ON THE END OF THE FITTING THAT MATES WITH THE INVERTED CONE. THREADS ARE FOR CLAMPING FORCE ONLY AND THE SEALING OCCURS ON A SMALL RADIAL SECTION BETWEEN THE MALE FITTING INTERNAL CHAMFER AND THE SWIVEL UNION INVERTED CONE.

DIN swivel unions (Figure 16) have a 24° inverted cone and may be installed into DIN bite-ring compression fittings. To provide enhanced performance, an O-ring is sometimes included in the cone of some DIN swivel unions. (Figure 16 Detail A)

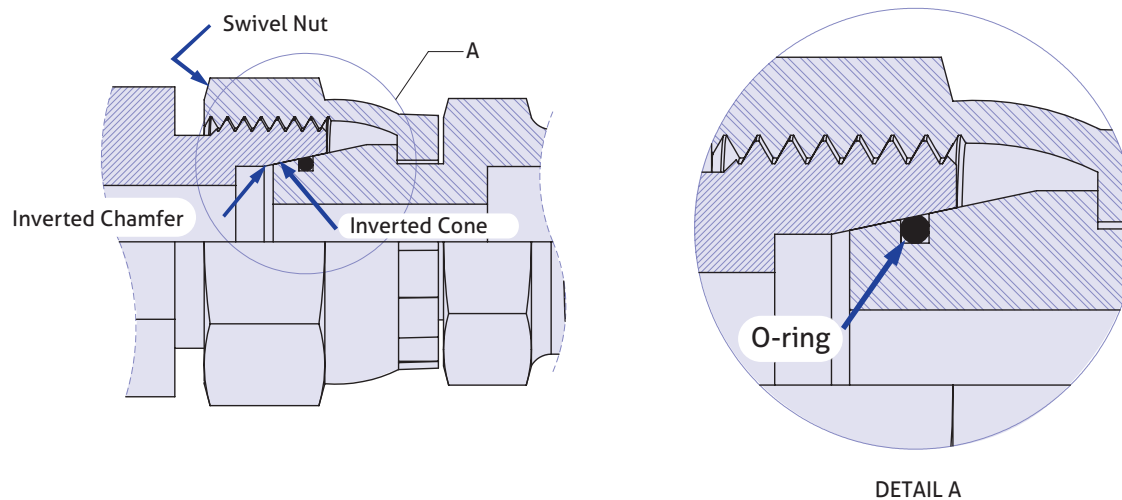


Figure 16: DIN Swivel Union

British Standard Pipe Parallel (BSPP, DIN 3852-2, ISO 1179-1) and Metric Parallel (DIN 3852-1, ISO 9974-1) threaded ports do not include a port cavity like the O-ring Boss or ISO 6149 port. Instead, an O-ring sits on top of the spot face or external surface and is surrounded by a metal retaining ring or other retaining component to trap the O-ring between the fitting hex, body, and spot face. (Figure 17)

Elbow and Tee fittings have a locknut, backup washer, O-ring and retaining washer to permit 360° orientation around the axis of the port. (Figure 18)

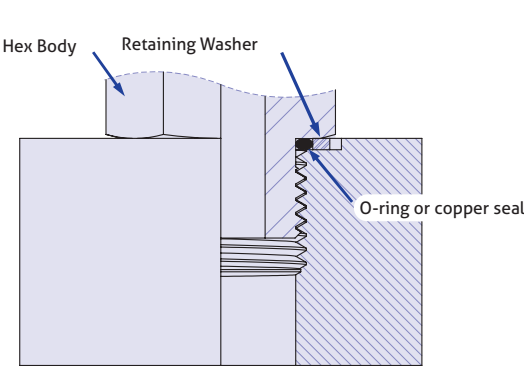


Figure 17: BSPP & Metric Straight (DIN 3852-1 & -2)

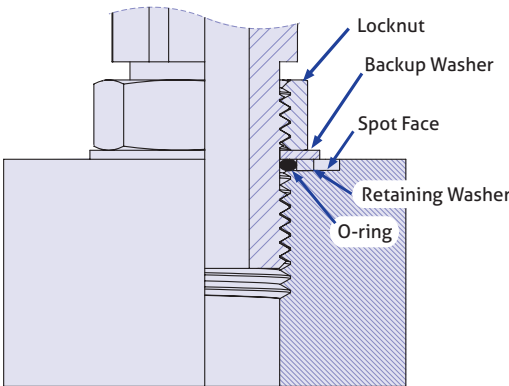


Figure 18: BSPP & Metric Adjustable (DIN 3852-1 & -2)

There are three sealing designs for either the BSPP or Metric parallel thread:

1. A retaining ring and O-ring. Some straight fittings may have a seal that is bonded into the inside edge of a washer. This is known as a bonded seal or a Dowty seal (not shown). For extreme heat applications, straight fittings may include a copper washer for a seal. (Figure 19)
2. Cutting face metal seal between the fitting and the spot face. (Figure 20)
3. Elastomeric (ED) seal or P-Flex seal. A precision groove is machined on the bottom of the fittings hex with a seal installed in this groove. For the parallel fittings, the threads are for holding power or clamping force only and the seal occurs on the spot face. For tapered BSPT fittings the holding and sealing is done in the threads with the help of a pipe sealant such as PTFE tape or an anaerobic liquid. (Figure 21)

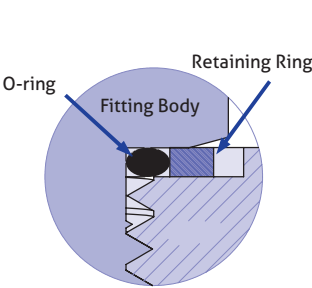


Figure 19:
Retaining Ring with O-ring Seal

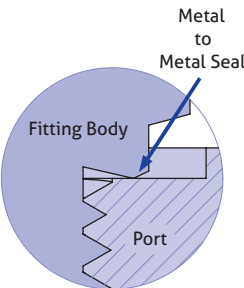


Figure 20:
Cutting Face Seal

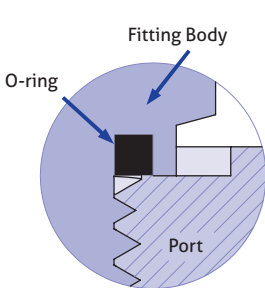


Figure 21:
Elastomeric Seal

Appendix: Technical Information

The following table lists the specifications for BSPP & BSPT adapters.

BSPP & BSPT Specifications				
Dash Size	BSPT & BSPP		Torque	
	THREAD SIZE	MAJOR OD*	BSPP Swivel Union	BSPT
		(inch)	(FFWR)	(TFFT)
02	1/8-28	0.383	2	2-3
04	1/4-19	0.518	2	2-3
06	3/8-19	0.656	2	2-3
08	1/2-14	0.825	2	2-3
10	5/8-14	0.929	2	2-3
12	3/4-14	1.041	2	2-3
16	1-11	1.309	1 1/2	1 1/2 - 2 1/2
20	1 1/4-11	1.650	1 1/2	1 1/2 - 2 1/2
24	1 1/2-11	1.882	1 1/2	1 1/2 - 2 1/2
32	2-11	2.347	1 1/2	1 1/2 - 2 1/2
*Reference ISO-228-1, Table 1				

Table 9: BSPP & BSPT Specifications

The following table lists the specifications for Metric adapters.

Metric DIN 3852-1 Threads	
Dash Size	THREAD SIZE
	(mm)
08	8 x 1.0
10	10 x 1.0
12	12 x 1.5
14	14 x 1.5
16	16 x 1.5
18	18 x 1.5
20	20 x 1.5
22	22 x 1.5
24	24 x 1.5
26	26 x 1.5
27	27 x 2.0
30	30 x 2.0
33	33 x 2.0
39	39 x 2.0
42	42 x 2.0
48	48 x 2.0
60	60 X 2.0
Values are from DIN 3852-1 & ISO 9974-1	

Table 10: Metric DIN 3852-1 Threads

Metric Compression Tube (DIN LL, L, & S) Adapter Specifications

You can use a metric compression tube adapter with different types of fitting connections that use a metric tube size. The DIN figure to the right shows the cross sectional cut of a DIN connection. The Tube Pilot dimension is P. The thread size is the Thread O.D.

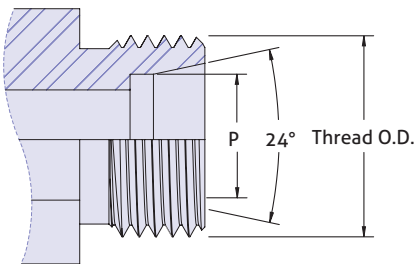


Figure 22: DIN Identification

The following table lists the specifications for DIN LL adapters.

DIN LL			
Metric Tube O.D. Size	Thread O.D.	Tube (P)ilot	Pressure
(mm)	(mm)	(mm)	(psi)
4	8 x 1.0	4	1500
6	10 x 1.0	6	1500
8	12 x 1.0	8	1500
10	14 x 1.0	10	1500
12	16 x 1.0	12	1500
*Meets standard ISO 8434-1			

Table 11: DIN LL

The following table lists the specifications for DIN S adapters.

DIN L			
Metric Tube O.D. Size	Thread O.D.	Tube (P)ilot	Pressure
(mm)	(mm)	(mm)	(psi)
6	12 x 1.5	6	3600
8	14 x 1.5	8	3600
10	16 x 1.5	10	3600
12	18 x 1.5	12	3600
15	22 x 1.5	15	3600
18	26 x 1.5	18	2300
22	30 x 2.0	22	2300
28	36 x 2.0	28	1500
35	45 x 2.0	35	1500
42	52 x 2.0	42	1500
*Meets standard ISO 8434-1			

Table 12: DIN L

The following table lists the specifications for DIN S adapters.

DIN S			
Metric Tube O.D. Size	Thread O.D.	Tube (P)ilot	Pressure
(mm)	(mm)	(mm)	(psi)
6	14 x 1.5	6	9000
8	16 x 1.5	8	9000
10	18 x 1.5	10	9000
12	20 x 1.5	12	9000
14	22 x 1.5	14	5800
16	24 x 1.5	16	5800
20	30 x 2.0	20	5800
25	36 x 2.0	25	5800
30	42 x 2.0	30	3600
38	52 x 2.0	38	3600
*Meets standard ISO 8434-1			

Table 13: DIN S



Metric ISO 6149 Adapter Specifications

These types of fittings are similar in design to the SAE O-ring Boss fittings but with a metric thread.

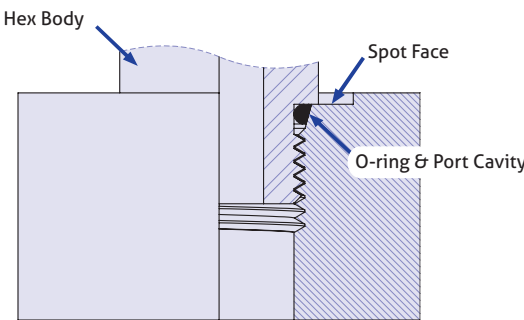


Figure 23: Straight ISO 6149

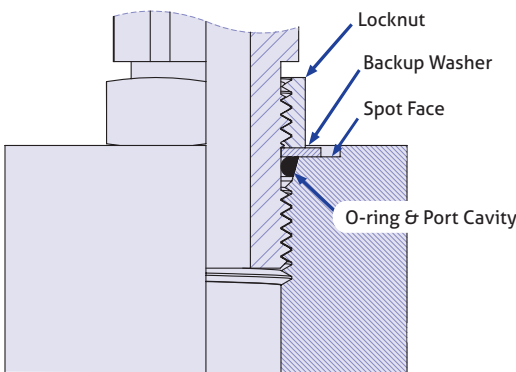


Figure 24: Adjustable ISO 6149

NOTE: THE RATINGS OF THE ISO 6149 FITTING ARE DIFFERENT THAN ITS COUNTERPART SAE O-RING BOSS.

The following table lists the specifications for Metric ISO 6149 adapters.

Metric ISO 6149 Specifications								
Dash Size	Tube Size	Thread	Light Duty			Heavy Duty		
			Torque	Working Pressure		Torque	Working Pressure	
			Adjustable & Non-Adjustable	Adjustable	Non-Adjustable	Adjustable & Non-Adjustable	Adjustable	Non-Adjustable
			(ft-lbs) +25% -0%	(psi)	(psi)	(ft-lbs) +25% -0%	(psi)	(psi)
08	4	8 x 1.0	6	4500	5800	7	-	-
10	5	10 x 1.0	11	4500	5800	15	5800	9100
12	6	12 x 1.5	18	4500	5800	26	5800	9100
14	8	14 x 1.5	26	4500	5800	33	5800	9100
16	10	16 x 1.5	30	3600	4500	40	5800	9100
18	12	18 x 1.5	33	3600	4500	52	5800	9100
22	16	22 x 1.5	44	3600	4500	74	5800	9100
27	20	27 x 2.0	75	2300	2900	125	5800	5800
30	22	30 x 2.0	95	2300	2900	158	5800	5800
33	25	33 x 2.0	120	2300	2900	228	5800	5800
42	30	42 x 2.0	155	2300	2900	243	4500	3600
48	38	48 x 2.0	190	2300	2900	310	2900	3600
60	50	60 X 2.0	230	1450	2300	369	2300	3600
* = Light Duty per SAE J2244/3								
** = Heavy Duty per SAE J2244/2								
Torque values are for wet torque only and are allowed up to 25% the listed value according to SAE J2593 recommendations. Reduce torque values for softer material components.								

Table 14: Metric ISO 6149 Specifications

Compression & Flared Adapter Thread Sizes

The following table lists the compression and flared fitting thread sizes.

Compression & Flared Fitting Thread Sizes					
Dash Size	Tube Size	Steel Compression *	Brass SAE 45° Flare **	Brass Inverted Flare **	Brass SAE Compression **
02	1/8	5/16-24	5/16-24	5/16-28	5/16-24
03	3/16	3/8-24	3/8-24	3/8-24	3/8-24
04	1/4	7/16-20	7/16-20	7/16-24	7/16-24
05	5/16	1/2-20	1/2-20	1/2-20	1/2-24
06	3/8	9/16-18	5/8-18	5/8-18	9/16-24
08	1/2	3/4-16	3/4-16	3/4-18	11/16-20
10	5/8	7/8-14	7/8-14	7/8-18	13/16-18
12	3/4	1 1/16-12	1-1/16-14	1-1/16-16	1-18
14	7/8	1 3/16-12	1-1/4-12	-	-
16	1	1 5/16-12	1-3/8-12	-	-
20	1 1/4	1 5/8-12	-	-	-
24	1 1/2	1 7/8-12	-	-	-
32	2	2 1/2-12	-	-	-
* Values are per SAE J514 standard thread sizes.					
** Values are per SAE J512 standard thread sizes					

Table 15: Compression & Flared Fitting Thread Sizes

JIS & Komatsu® Adapter Thread Sizes

The following tables list the JIS and Komatsu® specifications.

JIS Specifications	
Dash Size	THREAD SIZE
02	1/8-28
04	1/4-19
06	3/8-19
08	1/2-14
10	5/8-14
12	3/4-14
16	1-11
20	1 1/4-11
24	1 1/2-11
32	2-11

Table 16: JIS Specifications

Komatsu®	
Dash Size	THREAD SIZE
14	14 x 1.5
18	18 x 1.5
22	22 x 1.5
24	24 x 1.5
30	30 x 1.5
33	33 x 1.5

Table 17: Komatsu®



Quick Disconnect Identification Chart

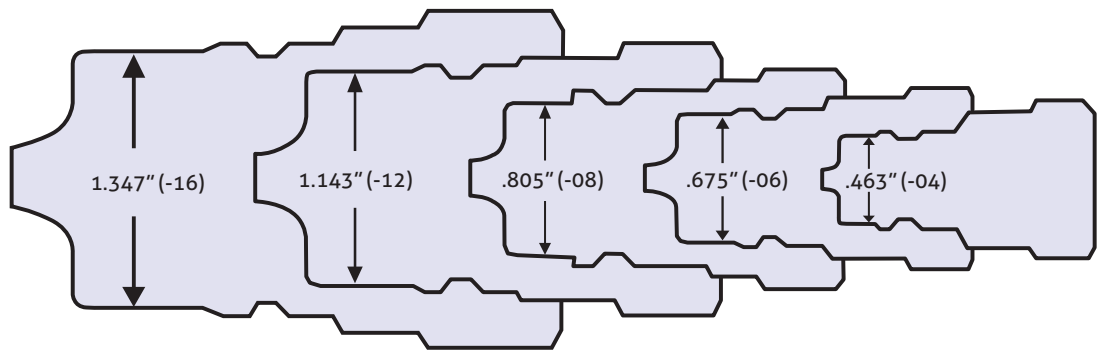


Figure 25: ANV Profile

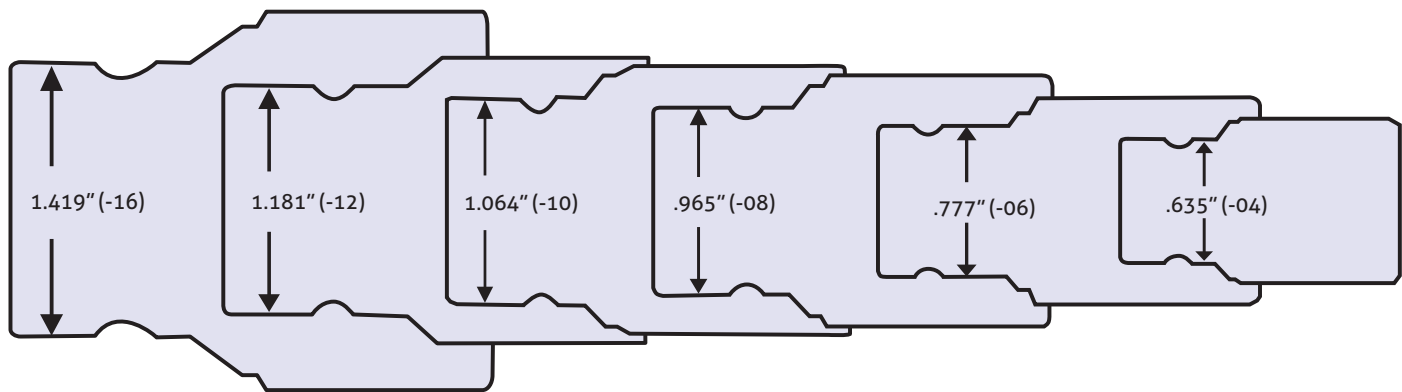


Figure 26: FFI Profile

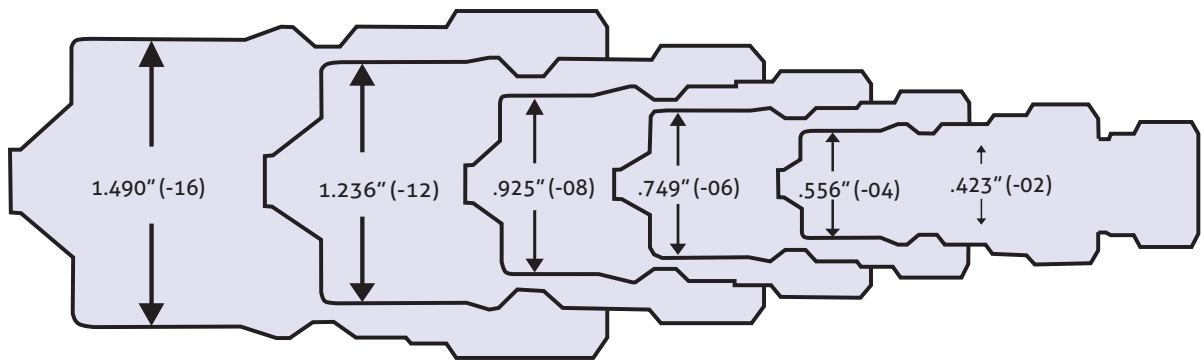


Figure 27: HNV Profile

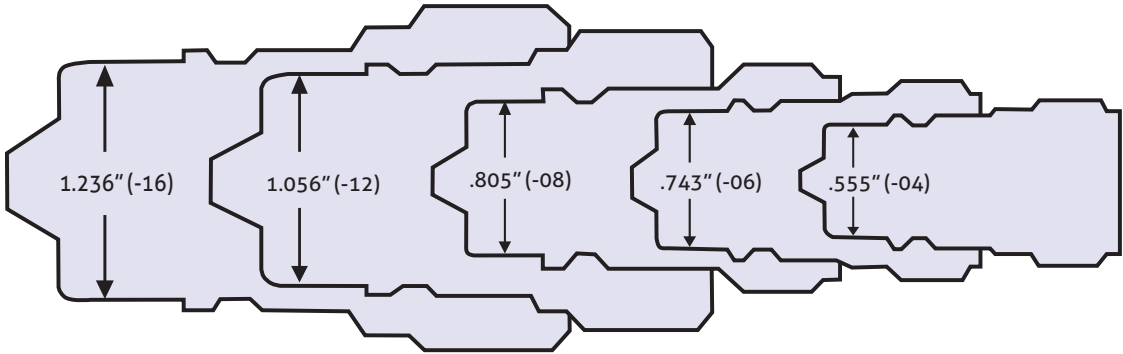


Figure 28: NV Profile

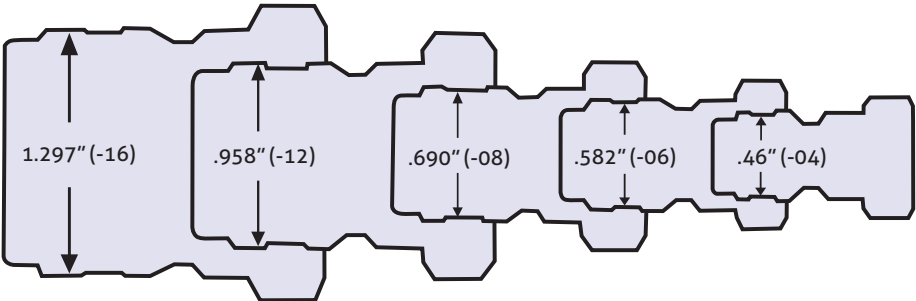


Figure 29: ST Profile

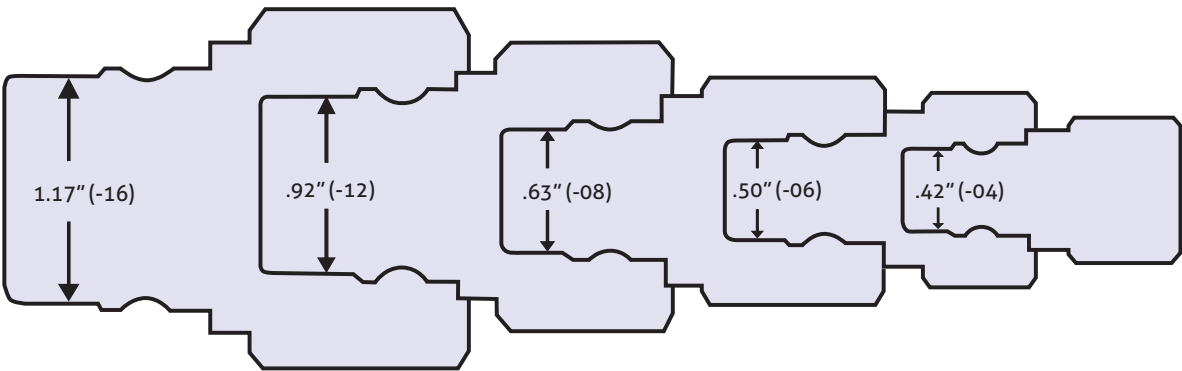


Figure 30: TNV Profile

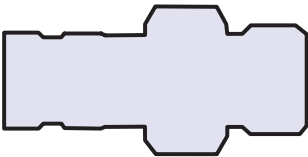


Figure 31: PD Profile

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29T	205	90DB	47	0303	23	1501-LL	68
40C	198	90DF	106	0304	23	1502	68
40P	198	90DF	110	0304-C	23	1503	69
41	198	90DFF	90	0306	24	1504	69
41S	199	100	220	0318	24	1562	240
42	199	105	220	0319	24	1564	240
44	199	131	220	352	222	1565	240
45	200	202	221	402	222	1566	240
46	200	252	221	0403	25	1568	241
48	201	260P	227	0404	48	1569	241
49	201	260PB	227	0418	25	1570	241
50	202	261P	227	0419	26	1571	242
51	202	261PB	227	452	222	1572	242
52	203	261U	228	0500	26	1577	242
54	203	262P	228	502	222	1579	242
55	204	262PP	231	602	223	1580	243
60	214	263PP	231	702	223	1580S	243
60P	214	264P	228	752	223	1582	243
61	214	264PP	231	1404	66	1601	70
61C	215	265PP	231	1405	66	1602	70
61L	215	266P	228	1406	67	1603	70
62	215	266PP	232	1460	235	1604	71
62-BH	215	268P	229	1461	235	2403	4
64	216	268PP	232	1462	235	2403-LH	5
65	216	269P	229	1464	235	2404	5
66	216	269PP	232	1465	236	2404-L	6
67	217	270P	229	1466	236	2404-LL	7
68	217	270PP	233	1468	236	2404-LLL	7
69	218	271P	230	1469	237	2405	7
70	218	271PP	233	1470	237	2406	8
71	219	272P	230	1471	237	2407	10
72	219	272PP	233	1472	238	2408	10
73	219	279PP	234	1473	238	2500	11
75DB-Viton	47	282P	230	1474	238	2501	11
75DFF-Viton	90	282PP	234	1480	238	2501-L	12
75DF-Viton	105	284PP	234	1484	239	2501-LL	13
75DF-Viton	109	302	221	1501	67	2501-LLL	13

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2501-S	14	3401	114	3807	127	4144-L	246
2502	14	3402	114	3810	127	4145	246
2503	15	3404	140	3820	128	4145-L	246
2504	15	3405	115	3823	129	4200	205
2505	16	3406	115	3825	130	4244	205
2601	16	3408	116	3826	131	4245	206
2602	17	3408-HHP	116	3827	144	4245-S	207
2603	17	3420	116	3828	131	4250	207
2605	18	3421	117	3832	132	4255	207
2606	18	3422	118	3835	132	4290	208
2607	19	3425	118	3840	132	4295	208
2611	19	3426	118	3853	133	4300	210
2650	19	3430	119	3854	134	4301	210
2700	20	3435	119	3855	134	4303	210
2701	20	3436	120	3856	134	4305	211
2702	20	3437	120	3857	135	4311	211
2703	21	3455	121	3858	135	4312	212
2704	21	3500	196	3859	135	4313	212
2705	22	3501	140	3860	135	4315	212
2706	22	3503	141	3861	152	4320	213
2708	48	3506	141	3862	153	4330	213
3120	190	3508	142	3863	153	4390	213
3129	190	3508-HHP	142	3864	153	4404	91
3149	190	3520	142	3866	153	4444	91
3150	190	3524	143	3871	154	4445	92
3151	191	3540	122	3900	197	4501	92
3152	191	3544	122	3901	136	4503	93
3200	191	3545	143	3903	136	4601	93
3220	192	3600	196	3904	136	4603	94
3223	152	3601	123	3905	136	4604	94
3224	152	3602	123	3950	197	5000	48
3225	152	3620	124	4024	244	5400-CL	49
3240	114	3656	143	4025	244	5400-N	49
3250	192	3657	144	4026	244	5404	51
3300	193	3700	196	4030	244	5404-L	51
3300-BH	193	3701	124	4040	244	5405	52
3325	193	3702	125	4044	245	5406	53
3326	194	3750	196	4045	245	5406-CAP	54
3327	194	3800	125	4050	245	5406-E	54
3350	195	3800-L	126	4100	245	5406-FLP	54
3390	195	3801	126	4100-L	245	5406-HHP	55
3400	195	3802	127	4144	246	5406-P	55

5406-SHP	55	6510	32	7400	145	FBV	248
5500	56	6511	32	7402	145	FCC-UP-BN	298
5500-S	56	6600	33	7408	146	FCC-YZ-BN	298
5501	56	6602	33	7408-HHP	146	FCC-YZ-SC	298
5502	57	6603	33	7420	147	FF0304-C	81
5502-S	57	6606	34	7430	148	FF0306	82
5502-X	57	6701	34	7455	148	FF0318	82
5503	58	6701-L	34	7625	149	FF0319	82
5504	58	6701-LXH	35	7801	149	FF0403	83
5505	58	6701-XH	34	7802	150	FF2402	74
5600	59	6702	35	7861	154	FF2403	74
5601	59	6801	35	7862	154	FF2404	75
5602	59	6801-L	36	7865	154	FF2405	75
5603	60	6801-LL	37	7868	155	FF2406	76
5604	60	6801-LLL	37	7869	155	FF2407	76
5605	60	6801-S	37	ANV-DC	261	FF2408	77
5650	61	6802	38	ANV-DP	261	FF2500	77
5652	61	6803	39	ANV-F	260	FF2501	77
5655	61	6804	40	ANV-M	260	FF2503	78
5700	204	6805	64	BFL	209	FF2601	78
5790	204	6805-L	64	BV	197	FF2603	78
6400	26	6806	65	CAP PLUG KIT-BSPP	300	FF2605	79
6400-L	28	6807	45	CAP PLUG KIT-DIN HEAVY	300	FF2650	79
6401	61	6809	40	CAP PLUG KIT-DIN LIGHT	300	FF2700	79
6402	28	6815	46	CAP PLUG KIT-FF	301	FF2701	79
6403	42	6832	46	CAP PLUG KIT-JIC	301	FF2702	80
6403-NWO	42	6835	46	CAP PLUG KIT-JIS	301	FF2703	80
6404	62	6840	96	CAP PLUG KIT-NPT	302	FF2704	80
6405	63	6842	96	CP	106	FF2705	81
6408	43	6845	97	CPX	110	FF2706	81
6408-HHP	43	6847	97	DC602	224	FF3019	81
6410	44	6855	65	DC603	224	FF3800	137
6410-L	45	6861	105	DC604	224	FF3801	138
6420	64	6861-P	105	DC606	224	FF3802	138
6425	45	6862	109	DC607	224	FF3859	138
6500	29	6862-P	109	DS-BSP	137	FF3860	139
6501	29	6890	98	DS-MM	150	FF6400	83
6502	30	6892	98	FB-DC	272	FF6400-L	84
6503	30	6900	71	FB-DP	272	FF6402	84
6504	31	6901	72	FB-F-HN	271	FF6500	85
6505	31	6902	73	FB-F-WN	271	FF6502	85
6506	32	6911	73	FB-M	271	FF6504	85

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FF6505	86	HP-50PC	253	MBV-MF	249	NB6842	101
FF6507	86	HP-60	253	MC6000	156	NB6845	102
FF6510	86	HPV	250	MC6001	156	NB6847	102
FF6600	86	LS-1501	180	MC6002	157	NB6890	103
FF6602	87	LS-1502	180	MC6003	157	NB6892	103
FF6801	87	LS-2403	180	MC6004	158	NBFF6842	104
FF6801-L	88	LS-2404	181	MC6020	158	NBFF6847	104
FF6801-LL	88	LS-2405	181	MC6021	159	NBFF6890	104
FF6801-LLL	88	LS-2406	181	MC6022	160	NBFF6892	104
FF6802	88	LS-2500	182	MC6023	160	NHS	254
FF6803	89	LS-2501	182	MC6026	161	NHSBG	253
FF6804	89	LS-2502	182	MC6027	161	NV101	225
FF6809	90	LS-4244	209	MC6050	162	NV102	225
FF6840	99	LS-4312	213	MC6051	162	NV103	225
FF6842	99	LS-5000	183	MC6052	164	NV104	225
FF7400	151	LS-5405	183	MC6053	165	NV105	225
FF7801	151	LS-5500	183	MC6062	165	NV106	226
FFI-F-DC	270	LS-5502	184	MC6063	166	NV107	226
FFI-F-FB	269	LS-5504	184	MC6070	167	NV108	226
FFI-F-FP	269	LS-6400	184	MC6071	167	NV109	226
FFI-M-DC	270	LS-6801	185	MC6080	168	NV-DC	263
FFI-M-FB	268	LS-6806	185	MC6081	168	NV-DP	263
FFI-M-FP	268	LS-6815	185	MC6090	169	NV-F-FB	263
FGFF6845	99	LS-6901	186	MC6091	169	NV-F-FP	262
FGFF6847	100	LS-FF2403	186	MC6100	170	NV-M-FB	262
FGFF6890	100	LS-FF2406	186	MC6101	170	NV-M-FP	262
FGFF6892	100	LS-FF6400	186	MC6102	171	PD-DC	274
FTGK-98	178	LS-FF6801	187	MC6110	171	PD-F-FP	273
GCBP	278	LSS-2501	187	MC6121	173	PD-F-MP	274
GCP	278	LSS-6801	187	MC6122	173	PD-M-FP	273
GHW	246	MBH FFX	279	MC6123	174	PD-M-MB	273
GP6504	278	MBH FJ-FJ	283	MC6132	174	PD-M-MP	273
GPFF2406	278	MBH FJX	279	MC6133	175	PGL	280
HGCBP	279	MBH FP	279	MC6142	175	PLUG KIT-ORB	302
HGCP	279	MBH FP-FP	284	MC6143	176	PT	258
HK	294	MBH FP-TP	284	MC6152	176	PVVM-DC	266
HNV-DC	265	MBH MP	280	MC6160	177	PVVM-DP	266
HNV-DP	265	MBH SP	280	MTGK-98	178	PVVM-F	266
HNV-F	264	MBH SP90	280	NB6701	41	PVVM-M	266
HNV-M	264	MBH TP	280	NB6701-L	41	PWHD	257
HP	252	MBH TP-TP	284	NB6702	41	PWLD	256
HP-15PC	252	MBV-FF	248	NB6840	101	PWP	255

SF	106	WC44	112
SFK KIT	106	WC46	108
SFX	110	WC48	112
SFXK KIT	110	WGC	292
SP	107		
SPX	111		
SS-FBV	249		
ST-F-FP	276		
ST-F-MP	276		
ST-M-FP	275		
ST-M-MP	275		
SUPRA W2	293		
TBC	292		
TNV-F	267		
TNV-M	267		
TPBH	281		
TPBP	281		
TPBT	281		
TPE	281		
TPFF-O	281		
TPFJ	282		
TPJBH	282		
TPK-CUSTOM KIT	287		
TPK-FF KIT	286		
TPK-JIC KIT	285		
TPM	282		
TPO	282		
TPP	283		
TPSP	283		
TPU-U	283		
TPU-V	283		
TWF	299		
TWFN	299		
W04	107		
W42	111		
W43	107		
W44	111		
W46	108		
W48	112		
WC04	108		
WC42	112		
WC43	108		

Notes

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