



UK & EUROPEAN CONNECTORS

BSP, METRIC, DIN, JIC, NPT FITTINGS AND CONVERSION ADAPTORS



ABOUT BRENNAN UK

Brennan was founded in 1953 to answer the needs of hydraulic systems customers who required reliable tube fitting and adaptor products in a timely fashion. Now, decades later, Brennan supplies more than 50,000 types of hydraulic fittings and adaptors in sizes ranging from 1/16 to 3 inches. This wide range of fittings includes tube, O-ring face seal, instrumentation, metric bite type, push-to-connect, conversion and flare-less bite type fittings.

Brennan products are stocked at strategically located, full-service distribution centres across North America, Europe and Asia. In addition to our well stocked distribution centres Brennan is a recognised global manufacturer of hydraulic fittings and adaptors. Our engineered solutions team can work with you to create bespoke solutions for your specific requirements.

Our range of adaptors is backed up by certifications including ISO 9001:2015 accreditation, AS9100 and NADCAP certification, and UKAS approval showing our commitment to meeting the highest quality standards at a competitive price. Our products also meet or exceed JIC/SAE specifications.

Brennan's international reputation for excellence has contributed to our rapid growth. Despite this growth we remain a family owned business ensuring our customers receive personal attention by experienced sales and customer service representatives.

For more information on our products and services call, or visit us online.

TEL: 01922 650039 WEB: BRENNANINC.COM



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CERTIFIED QUALITY

When you buy Brennan fittings you can be sure you are getting certified quality. Our globally distributed manufacturing facilities produce products to the highest quality standards.



Certified to
ISO 9001:2015



ISO 9001
BUREAU VERITAS
Certification



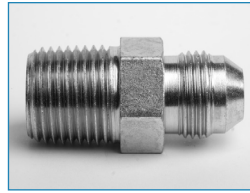
MALE MALE ADAPTORS



37-4000

JIC MALE x JIC MALE

Item	Thread Size	Thread Size
37-4000-02-02	5/16-24 JIC	5/16-24 JIC
37-4000-03-02	3/8-24 JIC	5/16-20 JIC
37-4000-03-03	3/8-24 JIC	3/8-24 JIC
37-4000-04-02	7/16-20 JIC	5/16-20 JIC
37-4000-04-03	7/16-20 JIC	3/8-24 JIC
37-4000-04-04	7/16-20 JIC	7/16-20 JIC
37-4000-05-04	1/2-20 JIC	7/16-20 JIC
37-4000-05-05	1/2-20 JIC	1/2-20 JIC
37-4000-06-04	9/16-18 JIC	7/16-20 JIC
37-4000-06-05	9/16-18 JIC	1/2-20 JIC
37-4000-06-06	9/16-18 JIC	9/16-18 JIC
37-4000-08-04	3/4-16 JIC	7/16-20 JIC
37-4000-08-05	3/4-16 JIC	1/2-20 JIC
37-4000-08-06	3/4-16 JIC	9/16-18 JIC
37-4000-08-08	3/4-16 JIC	3/4-16 JIC
37-4000-10-04	7/8-14 JIC	7/16-20 JIC
37-4000-10-05	7/8-14 JIC	1/2-20 JIC
37-4000-10-06	7/8-14 JIC	9/16-18 JIC
37-4000-10-08	7/8-14 JIC	3/4-16 JIC
37-4000-10-10	7/8-14 JIC	7/8-14 JIC
37-4000-12-05	1 1/16-12 JIC	1/2-20 JIC
37-4000-12-06	1 1/16-12 JIC	9/16-18 JIC
37-4000-12-08	1 1/16-12 JIC	3/4-16 JIC
37-4000-12-10	1 1/16-12 JIC	7/8-14 JIC
37-4000-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-4000-14-12	1 3/16-12 JIC	1 1/16-12 JIC
37-4000-14-14	1 3/16-12 JIC	1 3/16-12 JIC
37-4000-16-10	1 5/16-12 JIC	7/8-14 JIC
37-4000-16-12	1 5/16-12 JIC	1 1/16-12 JIC
37-4000-16-14	1 5/16-12 JIC	1 3/16-12 JIC
37-4000-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-4000-20-12	1 5/8-12 JIC	1 1/16-12 JIC
37-4000-20-16	1 5/8-12 JIC	1 5/16-12 JIC
37-4000-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-4000-24-12	1 7/8-12 JIC	1 1/16-12 JIC
37-4000-24-16	1 7/8-12 JIC	1 5/16-12 JIC
37-4000-24-20	1 7/8-12 JIC	1 5/8-12 JIC
37-4000-24-24	1 7/8-12 JIC	1 7/8-12 JIC
37-4000-32-16	2 1/2-12 JIC	1 5/16-12 JIC
37-4000-32-24	2 1/2-12 JIC	1 5/8-12 JIC
37-4000-32-32	2 1/2-12 JIC	2 1/2-12 JIC
37-4000-48-48	3 1/2-12 JIC	3 1/2-12 JIC



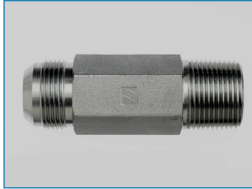
37-4010

JIC MALE x NPTF MALE

Item	Thread Size	Thread Size
37-4010-02-04	5/16-24 JIC	1/4 NPTF
37-4010-03-02	3/8-24 JIC	1/8 NPTF
37-4010-03-04	3/8-24 JIC	1/4 NPTF
37-4010-04-02	7/16-20 JIC	1/8 NPTF
37-4010-04-04	7/16-20 JIC	1/4 NPTF
37-4010-04-06	7/16-20 JIC	3/8 NPTF
37-4010-04-08	7/16-20 JIC	1/2 NPTF
37-4010-04-12	7/16-20 JIC	3/4 NPTF
37-4010-05-02	1/2-20 JIC	1/8 NPTF
37-4010-05-04	1/2-20 JIC	1/4 NPTF
37-4010-05-06	1/2-20 JIC	3/8 NPTF
37-4010-05-08	1/2-20 JIC	1/2 NPTF
37-4010-06-02	9/16-18 JIC	1/8 NPTF
37-4010-06-04	9/16-18 JIC	1/4 NPTF
37-4010-06-06	9/16-18 JIC	3/8 NPTF
37-4010-06-08	9/16-18 JIC	1/2 NPTF
37-4010-06-12	9/16-18 JIC	3/4 NPTF
37-4010-08-02	3/4-16 JIC	1/8 NPTF
37-4010-08-04	3/4-16 JIC	1/4 NPTF
37-4010-08-06	3/4-16 JIC	3/8 NPTF
37-4010-08-08	3/4-16 JIC	1/2 NPTF
37-4010-08-12	3/4-16 JIC	3/4 NPTF
37-4010-08-16	3/4-16 JIC	1 NPTF
37-4010-10-04	7/8-14 JIC	1/4 NPTF
37-4010-10-06	7/8-14 JIC	3/8 NPTF
37-4010-10-08	7/8-14 JIC	1/2 NPTF
37-4010-10-12	7/8-14 JIC	3/4 NPTF
37-4010-10-16	7/8-14 JIC	1 NPTF
37-4010-12-04	1 1/16-12 JIC	1/4 NPTF
37-4010-12-06	1 1/16-12 JIC	3/8 NPTF
37-4010-12-08	1 1/16-12 JIC	1/2 NPTF
37-4010-12-12	1 1/16-12 JIC	3/4 NPTF
37-4010-12-16	1 1/16-12 JIC	1 NPTF
37-4010-12-20	1 1/16-12 JIC	1 1/4 NPTF
37-4010-12-24	1 1/16-12 JIC	1 1/2 NPTF
37-4010-14-12	1 3/16-12 JIC	3/4 NPTF
37-4010-16-04	1 5/16-12 JIC	1/4 NPTF
37-4010-16-06	1 5/16-12 JIC	3/8 NPTF
37-4010-16-08	1 5/16-12 JIC	1/2 NPTF
37-4010-16-12	1 5/16-12 JIC	3/4 NPTF
37-4010-16-16	1 5/16-12 JIC	1 NPTF
37-4010-16-20	1 5/16-12 JIC	1 1/4 NPTF
37-4010-16-24	1 5/16-12 JIC	1 1/2 NPTF
37-4010-20-12	1 5/8-12 JIC	3/4 NPTF
37-4010-20-16	1 5/8-12 JIC	1 NPTF
37-4010-20-20	1 5/8-12 JIC	1 1/4 NPTF
37-4010-20-24	1 5/8-12 JIC	1 1/2 NPTF
37-4010-24-16	1 7/8-12 JIC	1 NPTF
37-4010-24-20	1 7/8-12 JIC	1 1/4 NPTF

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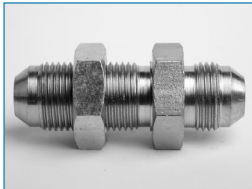
Item	Thread Size	Thread Size
37-4010-24-24	1 7/8-12 JIC	1 1/2 NPTF
37-4010-24-32	1 7/8-12 JIC	2 NPTF
37-4010-32-16	2 1/2-12 JIC	1 NPTF
37-4010-32-20	2 1/2-12 JIC	1 1/4 NPTF
37-4010-32-24	2 1/2-12 JIC	1 1/2 NPTF
37-4010-32-32	2 1/2-12 JIC	2 NPTF
37-4010-40-40	3-12 JIC	2 1/2 NPTF
37-4010-48-48	3 1/2-12 JIC	3 1/2 NPTF



37-4010-L

JIC MALE x NPTF MALE EXTENDED

Item	Thread Size	Thread Size
37-4010-L-04-02	7/16-20 JIC	1/8 NPTF
37-4010-L-06-04	9/16-18 JIC	1/4 NPTF
37-4010-L-06-06	9/16-18 JIC	3/8 NPTF
37-4010-L-08-06	3/4-16 JIC	3/8 NPTF
37-4010-L-12-08	1 1/16-12 JIC	1/2 NPTF
37-4010-L-16-16	1 5/16-12 JIC	1 NPTF

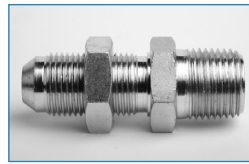


37-4020

BULKHEAD JIC MALE x JIC MALE

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
37-4020-02-02	5/16-24 JIC	5/16-24 JIC
37-4020-03-03	3/8-24 JIC	3/8-24 JIC
37-4020-04-04	7/16-20 JIC	7/16-20 JIC
37-4020-04-06	7/16-20 JIC	9/16-18 JIC
37-4020-05-05	1/2-20 JIC	1/2-20 JIC
37-4020-06-04	9/16-18 JIC	7/16-20 JIC
37-4020-06-06	9/16-18 JIC	9/16-18 JIC
37-4020-08-08	3/4-16 JIC	3/4-16 JIC
37-4020-10-10	7/8-14 JIC	7/8-14 JIC
37-4020-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-4020-14-14	1 3/16-12 JIC	1 3/16-12 JIC
37-4020-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-4020-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-4020-24-24	1 7/8-12 JIC	1 7/8-12 JIC
37-4020-32-32	2 1/2-12 JIC	2 1/2-12 JIC



37-4050

BULKHEAD JIC MALE x NPTF MALE

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
37-4050-04-04	7/16-20 JIC	1/4 NPTF
37-4050-06-04	9/16-18 JIC	1/4 NPTF
37-4050-06-06	9/16-18 JIC	3/8 NPTF
37-4050-08-06	3/4-16 JIC	3/8 NPTF
37-4050-08-08	3/4-16 JIC	1/2 NPTF
37-4050-10-08	7/8-14 JIC	1/2 NPTF
37-4050-12-12	1 1/16-12 JIC	3/4 NPTF
37-4050-16-16	1 5/16-12 JIC	1 NPTF
37-4050-20-20	1 5/8-12 JIC	1 1/4 NPTF
37-4050-24-24	1 7/8-12 JIC	1 1/2 NPTF
37-4050-32-32	2 1/2-12 JIC	2 NPTF



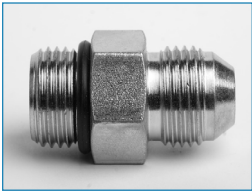
37-4060

JIC MALE x METRIC MALE

Item	Thread Size	Thread Size
37-4060-04-10	7/16-20 JIC	10 MM X 1
37-4060-04-12	7/16-20 JIC	12 MM X 1.5
37-4060-04-14	7/16-20 JIC	14 MM X 1.5
37-4060-04-16	7/16-20 JIC	16 MM X 1.5
37-4060-04-18	7/16-20 JIC	18 MM X 1.5
37-4060-05-12	1/2-20 JIC	12 MM X 1.5
37-4060-06-12	9/16-18 JIC	12 MM X 1.5
37-4060-06-14	9/16-18 JIC	14 MM X 1.5
37-4060-06-16	9/16-18 JIC	16 MM X 1.5
37-4060-06-18	9/16-18 JIC	18 MM X 1.5
37-4060-06-20	9/16-18 JIC	20 MM X 1.5
37-4060-06-22	9/16-18 JIC	22 MM X 1.5
37-4060-08-12	3/4-16 JIC	12 MM X 1.5
37-4060-08-14	3/4-16 JIC	14 MM X 1.5
37-4060-08-16	3/4-16 JIC	16 MM X 1.5
37-4060-08-18	3/4-16 JIC	18 MM X 1.5
37-4060-08-20	3/4-16 JIC	20 MM X 1.5
37-4060-08-22	3/4-16 JIC	22 MM X 1.5
37-4060-10-16	7/8-14 JIC	16 MM X 1.5
37-4060-10-18	7/8-14 JIC	18 MM X 1.5
37-4060-10-20	7/8-14 JIC	20 MM X 1.5
37-4060-10-22	7/8-14 JIC	22 MM X 1.5
37-4060-10-26	7/8-14 JIC	26 MM X 1.5
37-4060-12-22	1 1/16-12 JIC	22 MM X 1.5
37-4060-12-24	1 1/16-12 JIC	24 MM X 1.5

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Item	Thread Size	Thread Size
37-4060-12-26	1 1/16-12 JIC	26 MM X 1.5
37-4060-12-27	1 1/16-12 JIC	27 MM X 2
37-4060-12-30	1 1/16-12 JIC	30 MM X 1.5
37-4060-16-26	1 5/16-12 JIC	26 MM X 1.5
37-4060-16-33	1 5/16-12 JIC	33 MM X 2



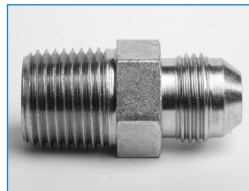
37-4070

JIC MALE x SAE MALE

Item	Thread Size	Thread Size
37-4070-02-02	5/16-24 JIC	5/16-24 SAE
37-4070-03-02	3/8-24 JIC	5/16-24 SAE
37-4070-03-03	3/8-24 JIC	3/8-24 JIC
37-4070-04-03	7/16-20 JIC	3/8-24 JIC
37-4070-04-04	7/16-20 JIC	7/16-20 SAE
37-4070-04-05	7/16-20 JIC	1/2-20 SAE
37-4070-04-06	7/16-20 JIC	9/16-18 SAE
37-4070-04-07	7/16-20 JIC	5/8-14 SAE
37-4070-04-08	7/16-20 JIC	3/4-16 SAE
37-4070-04-10	7/16-20 JIC	7/8-14 SAE
37-4070-05-04	1/2-20 JIC	7/16-20 SAE
37-4070-05-05	1/2-20 JIC	1/2-20 SAE
37-4070-05-06	1/2-20 JIC	9/16-18 SAE
37-4070-05-10	1/2-20 JIC	7/8-14 SAE
37-4070-06-03	9/16-18 JIC	3/8-24 SAE
37-4070-06-04	9/16-18 JIC	7/16-20 SAE
37-4070-06-05	9/16-18 JIC	1/2-20 SAE
37-4070-06-06	9/16-18 JIC	9/16-18 SAE
37-4070-06-07	9/16-18 JIC	5/8-14 SAE
37-4070-06-08	9/16-18 JIC	3/4-16 SAE
37-4070-06-10	9/16-18 JIC	7/8-14 SAE
37-4070-06-12	9/16-18 JIC	1 1/16-12 SAE
37-4070-06-16	9/16-18 JIC	1 5/16-12 SAE
37-4070-08-04	3/4-16 JIC	7/16-20 SAE
37-4070-08-06	3/4-16 JIC	9/16-18 SAE
37-4070-08-07	3/4-16 JIC	5/8-14 SAE
37-4070-08-08	3/4-16 JIC	3/4-16 SAE
37-4070-08-10	3/4-16 JIC	7/8-14 SAE
37-4070-08-12	3/4-16 JIC	1 1/16-12 SAE
37-4070-08-16	3/4-16 JIC	1 5/16-12 SAE
37-4070-08-20	3/4-16 JIC	1 5/8-12 SAE
37-4070-10-04	7/8-14 JIC	7/16-20 SAE
37-4070-10-06	7/8-14 JIC	9/16-18 SAE
37-4070-10-08	7/8-14 JIC	3/4-16 SAE
37-4070-10-10	7/8-14 JIC	7/8-14 SAE
37-4070-10-12	7/8-14 JIC	1 1/16-12 SAE
37-4070-10-16	7/8-14 JIC	1 5/16-12 SAE
37-4070-12-06	1 1/16-12 JIC	9/16-18 SAE
37-4070-12-08	1 1/16-12 JIC	3/4-16 SAE
37-4070-12-10	1 1/16-12 JIC	7/8-14 SAE
37-4070-12-12	1 1/16-12 JIC	1 1/16-12 SAE
37-4070-12-14	1 1/16-12 JIC	1 3/16-12 SAE
37-4070-12-16	1 1/16-12 JIC	1 5/16-12 SAE
37-4070-14-12	1 3/16-12 JIC	1 1/16-12 SAE

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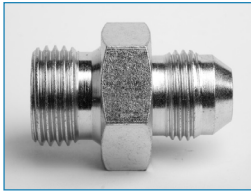
Item	Thread Size	Thread Size
37-4070-14-14	1 3/16-12 JIC	1 3/16-12 SAE
37-4070-16-06	1 5/16-12 JIC	9/16-18 SAE
37-4070-16-08	1 5/16-12 JIC	3/4-16 SAE
37-4070-16-10	1 5/16-12 JIC	7/8-14 SAE
37-4070-16-12	1 5/16-12 JIC	1 1/16-12 SAE
37-4070-16-16	1 5/16-12 JIC	1 5/16-12 SAE
37-4070-16-20	1 5/16-12 JIC	1 5/8-12 SAE
37-4070-16-24	1 5/16-12 JIC	1 7/8-12 SAE
37-4070-20-16	1 5/8-12 JIC	1 5/16-12 SAE
37-4070-20-20	1 5/8-12 JIC	1 5/8-12 SAE
37-4070-20-24	1 5/8-12 JIC	1 7/8-12 SAE
37-4070-24-20	1 7/8-12 JIC	1 5/8-12 SAE
37-4070-24-24	1 7/8-12 JIC	1 7/8-12 SAE
37-4070-32-24	2 1/2-12 JIC	1 7/8-12 SAE
37-4070-32-32	2 1/2-12 JIC	2 1/2-12 SAE



37-4100

JIC MALE x BSPT MALE

Item	Thread Size	Thread Size
37-4100-04-02	7/16-20 JIC	1/8 BSPT
37-4100-04-04	7/16-20 JIC	1/4 BSPT
37-4100-04-06	7/16-20 JIC	3/8 BSPT
37-4100-05-02	1/2-20 JIC	1/8 BSPT
37-4100-05-04	1/2-20 JIC	1/4 BSPT
37-4100-05-06	1/2-20 JIC	3/8 BSPT
37-4100-06-02	9/16-18 JIC	1/8 BSPT
37-4100-06-04	9/16-18 JIC	1/4 BSPT
37-4100-06-06	9/16-18 JIC	3/8 BSPT
37-4100-06-08	9/16-18 JIC	1/2 BSPT
37-4100-08-04	3/4-16 JIC	1/4 BSPT
37-4100-08-06	3/4-16 JIC	3/8 BSPT
37-4100-08-08	3/4-16 JIC	1/2 BSPT
37-4100-08-12	3/4-16 JIC	3/4 BSPT
37-4100-08-16	3/4-16 JIC	1 BSPT
37-4100-10-04	7/8-16 JIC	1/4 BSPT
37-4100-10-06	7/8-14 JIC	3/8 BSPT
37-4100-10-08	7/8-14 JIC	1/2 BSPT
37-4100-10-12	7/8-14 JIC	3/4 BSPT
37-4100-10-16	7/8-14 JIC	1 BSPT
37-4100-12-08	1 1/16-12 JIC	1/2 BSPT
37-4100-12-12	1 1/16-12 JIC	3/4 BSPT
37-4100-12-16	1 1/16-12 JIC	1 BSPT
37-4100-14-12	1 3/16-12 JIC	3/4 BSPT
37-4100-16-12	1 5/16-12 JIC	3/4 BSPT
37-4100-16-16	1 5/16-12 JIC	1 BSPT
37-4100-20-16	1 5/8-12 JIC	1 BSPT
37-4100-20-20	1 5/8-12 JIC	1 1/4 BSPT
37-4100-20-24	1 5/8-12 JIC	1 1/2 BSPT
37-4100-24-20	1 7/8-12 JIC	1 1/4 BSPT
37-4100-24-24	1 7/8-12 JIC	1 1/2 BSPT
37-4100-24-32	1 7/8-12 JIC	2 BSPT
37-4100-32-32	2 1/2-12 JIC	2 BSPT



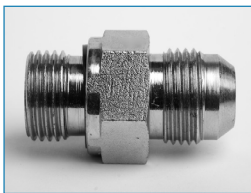
37-4110

JIC MALE x BSP MALE

c/w RETAINING RING

SUPPLIED COMPLETE WITH O-RING AND RETAINING RING

Item	Thread Size	Thread Size
37-4110-04-02	7/16-20 JIC	1/8 BSP
37-4110-04-04	7/16-20 JIC	1/4 BSP
37-4110-04-06	7/16-20 JIC	3/8 BSP
37-4110-04-08	7/16-20 JIC	1/2 BSP
37-4110-05-04	1/2-20 JIC	1/4 BSP
37-4110-06-02	9/16-18 JIC	1/8 BSP
37-4110-06-04	9/16-18 JIC	1/4 BSP
37-4110-06-06	9/16-18 JIC	3/8 BSP
37-4110-06-08	9/16-18 JIC	1/2 BSP
37-4110-08-04	3/4-16 JIC	1/4 BSP
37-4110-08-06	3/4-16 JIC	3/8 BSP
37-4110-08-08	3/4-16 JIC	1/2 BSP
37-4110-08-12	3/4-16 JIC	3/4 BSP
37-4110-10-06	7/8-14 JIC	3/8 BSP
37-4110-10-08	7/8-14 JIC	1/2 BSP
37-4110-10-12	7/8-14 JIC	3/4 BSP
37-4110-12-08	1 1/16-12 JIC	1/2 BSP
37-4110-12-12	1 1/16-12 JIC	3/4 BSP
37-4110-12-16	1 1/16-12 JIC	1 BSP
37-4110-16-12	1 5/16-12 JIC	3/4 BSP
37-4110-16-16	1 5/16-12 JIC	1 BSP
37-4110-16-20	1 5/16-12 JIC	1 1/4 BSP
37-4110-20-16	1 5/8-12 JIC	1 BSP
37-4110-20-20	1 5/8-12 JIC	1 1/4 BSP
37-4110-20-24	1 5/8-12 JIC	1 1/2 BSP
37-4110-24-20	1 7/8-12 JIC	1 1/4 BSP
37-4110-24-24	1 7/8-12 JIC	1 1/2 BSP
37-4110-32-32	2 1/2-12 JIC	2 BSP



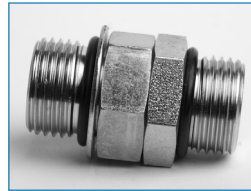
37-4110-ED

JIC MALE x BSP MALE ED SEAL

Item	Thread Size	Thread Size
37-4110-ED-04-04	7/16-20 JIC	1/4 BSP
37-4110-ED-04-06	7/16-20 JIC	3/8 BSP
37-4110-ED-04-08	7/16-20 JIC	1/2 BSP
37-4110-ED-06-04	9/16-18 JIC	1/4 BSP
37-4110-ED-06-06	9/16-18 JIC	3/8 BSP
37-4110-ED-06-08	9/16-18 JIC	1/2 BSP
37-4110-ED-08-06	3/4-16 JIC	3/8 BSP
37-4110-ED-08-08	3/4-16 JIC	1/2 BSP
37-4110-ED-08-12	3/4-16 JIC	3/4 BSP

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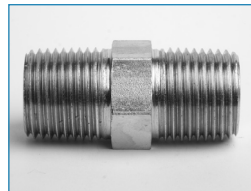
Item	Thread Size	Thread Size
37-4110-ED-10-08	7/8-14 JIC	1/2 BSP
37-4110-ED-10-12	7/8-14 JIC	3/4 BSP
37-4110-ED-12-12	1 1/16-12 JIC	3/4 BSP
37-4110-ED-16-12	1 5/16-12 JIC	3/4 BSP
37-4110-ED-16-16	1 5/16-12 JIC	1 BSP



37-6407

SAE MALE x SAE MALE ADJUSTABLE

Item	Thread Size	Thread Size
37-6407-04-04	7/16-20 SAE	7/16-20 SAE
37-6407-06-06	9/16-18 SAE	9/16-18 SAE
37-6407-08-08	3/4-16 SAE	3/4-16 SAE
37-6407-10-10	7/8-14 SAE	7/8-14 SAE
37-6407-12-12	1 1/16-12 SAE	1 1/16-12 SAE
37-6407-16-16	1 5/16-12 SAE	1 5/16-12 SAE
37-6407-20-20	1 5/8-12 SAE	1 5/8-12 SAE
37-6407-24-24	1 7/8-12 SAE	1 7/8-12 SAE



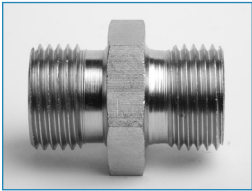
50-5404

NPTF MALE x NPTF MALE

Item	Thread Size	Thread Size
50-5404-02-02	1/8 NPTF	1/8 NPTF
50-5404-04-02	1/4 NPTF	1/8 NPTF
50-5404-04-04	1/4 NPTF	1/4 NPTF
50-5404-06-02	3/8 NPTF	1/8 NPTF
50-5404-06-04	3/8 NPTF	1/4 NPTF
50-5404-06-06	3/8 NPTF	3/8 NPTF
50-5404-08-02	1/2 NPTF	1/8 NPTF
50-5404-08-04	1/2 NPTF	1/4 NPTF
50-5404-08-06	1/2 NPTF	3/8 NPTF
50-5404-08-08	1/2 NPTF	1/2 NPTF
50-5404-12-04	3/4 NPTF	1/4 NPTF
50-5404-12-06	3/4 NPTF	3/8 NPTF
50-5404-12-08	3/4 NPTF	1/2 NPTF
50-5404-12-12	3/4 NPTF	3/4 NPTF
50-5404-16-04	1 NPTF	1/4 NPTF
50-5404-16-06	1 NPTF	3/8 NPTF
50-5404-16-08	1 NPTF	1/2 NPTF
50-5404-16-12	1 NPTF	3/4 NPTF
50-5404-16-16	1 NPTF	1 NPTF
50-5404-20-12	1 1/4 NPTF	3/4 NPTF
50-5404-20-16	1 1/4 NPTF	1 NPTF
50-5404-20-20	1 1/4 NPTF	1 1/4 NPTF
50-5404-24-12	1 1/2 NPTF	3/4 NPTF

Continued...

Item	Thread Size	Thread Size
50-5404-24-16	1 1/2 NPTF	1 NPTF
50-5404-24-20	1 1/2 NPTF	1 1/4 NPTF
50-5404-24-24	1 1/2 NPTF	1 1/2 NPTF
50-5404-32-16	2 NPTF	1 NPTF
50-5404-32-20	2 NPTF	1 1/4 NPTF
50-5404-32-24	2 NPTF	1 1/2 NPTF
50-5404-32-32	2 NPTF	2 NPTF
50-5404-40-32	2 1/2 NPTF	2 NPTF
50-5404-40-40	2 1/2 NPTF	2 1/2 NPTF



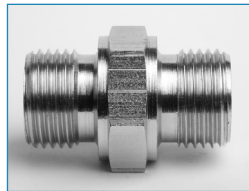
60-6000

BSP MALE X BSP MALE

Item	Thread Size	Thread Size
60-6000-02-02	1/8 BSP	1/8 BSP
60-6000-04-02	1/4 BSP	1/8 BSP
60-6000-04-04	1/4 BSP	1/4 BSP
60-6000-06-02	3/8 BSP	1/8 BSP
60-6000-06-04	3/8 BSP	1/4 BSP
60-6000-06-06	3/8 BSP	3/8 BSP
60-6000-08-02	1/2 BSP	1/8 BSP
60-6000-08-04	1/2 BSP	1/4 BSP
60-6000-08-06	1/2 BSP	3/8 BSP
60-6000-08-08	1/2 BSP	1/2 BSP
60-6000-10-04	5/8 BSP	1/4 BSP
60-6000-10-06	5/8 BSP	3/8 BSP
60-6000-10-08	5/8 BSP	1/2 BSP
60-6000-10-10	5/8 BSP	5/8 BSP
60-6000-100-100	4 BSP	4 BSP
60-6000-100-32	4 BSP	2 BSP
60-6000-100-60	4 BSP	3 BSP
60-6000-12-04	3/4 BSP	1/4 BSP
60-6000-12-06	3/4 BSP	3/8 BSP
60-6000-12-08	3/4 BSP	1/2 BSP
60-6000-12-10	3/4 BSP	5/8 BSP
60-6000-12-12	3/4 BSP	3/4 BSP
60-6000-16-04	1 BSP	1/4 BSP
60-6000-16-06	1 BSP	3/8 BSP
60-6000-16-08	1 BSP	1/2 BSP
60-6000-16-10	1 BSP	5/8 BSP
60-6000-16-12	1 BSP	3/4 BSP
60-6000-16-16	1 BSP	1 BSP
60-6000-20-04	1 1/4 BSP	1/4 BSP
60-6000-20-06	1 1/4 BSP	3/8 BSP
60-6000-20-08	1 1/4 BSP	1/2 BSP
60-6000-20-10	1 1/4 BSP	5/8 BSP
60-6000-20-12	1 1/4 BSP	3/4 BSP
60-6000-20-16	1 1/4 BSP	1 BSP
60-6000-20-20	1 1/4 BSP	1 1/4 BSP
60-6000-24-04	1 1/2 BSP	1/4 BSP
60-6000-24-06	1 1/2 BSP	3/8 BSP
60-6000-24-08	1 1/2 BSP	1/2 BSP
60-6000-24-10	1 1/2 BSP	5/8 BSP
60-6000-24-12	1 1/2 BSP	3/4 BSP
60-6000-24-16	1 1/2 BSP	1 BSP

Continued...

Item	Thread Size	Thread Size
60-6000-24-20	1 1/2 BSP	1 1/4 BSP
60-6000-24-24	1 1/2 BSP	1 1/2 BSP
60-6000-32-04	2 BSP	1/4 BSP
60-6000-32-06	2 BSP	3/8 BSP
60-6000-32-08	2 BSP	1/2 BSP
60-6000-32-10	2 BSP	5/8 BSP
60-6000-32-12	2 BSP	3/4 BSP
60-6000-32-16	2 BSP	1 BSP
60-6000-32-20	2 BSP	1 1/4 BSP
60-6000-32-24	2 BSP	1 1/2 BSP
60-6000-32-32	2 BSP	2 BSP
60-6000-40-16	2 1/2 BSP	1 BSP
60-6000-40-20	2 1/2 BSP	1 1/4 BSP
60-6000-40-24	2 1/2 BSP	1 1/2 BSP
60-6000-40-32	2 1/2 BSP	2 BSP
60-6000-40-40	2 1/2 BSP	2 1/2 BSP
60-6000-60-32	3 BSP	2 BSP
60-6000-60-40	3 BSP	2 1/2 BSP
60-6000-60-60	3 BSP	3 BSP



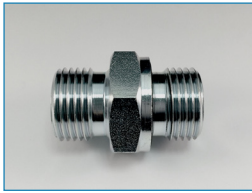
60-6000-DIN

BSP MALE x BSP MALE DIN

Item	Thread Size	Thread Size
60-6000-DIN-02-02	1/8 BSP	1/8 BSP
60-6000-DIN-04-02	1/4 BSP	1/8 BSP
60-6000-DIN-04-04	1/4 BSP	1/4 BSP
60-6000-DIN-06-02	3/8 BSP	1/8 BSP
60-6000-DIN-06-04	3/8 BSP	1/4 BSP
60-6000-DIN-06-06	3/8 BSP	3/8 BSP
60-6000-DIN-08-02	1/2 BSP	1/8 BSP
60-6000-DIN-08-04	1/2 BSP	1/4 BSP
60-6000-DIN-08-06	1/2 BSP	3/8 BSP
60-6000-DIN-08-08	1/2 BSP	1/2 BSP
60-6000-DIN-10-04	5/8 BSP	1/4 BSP
60-6000-DIN-10-06	5/8 BSP	3/8 BSP
60-6000-DIN-10-08	5/8 BSP	1/2 BSP
60-6000-DIN-10-10	5/8 BSP	5/8 BSP
60-6000-DIN-100-100	4 BSP	4 BSP
60-6000-DIN-100-32	4 BSP	2 BSP
60-6000-DIN-100-60	4 BSP	3 BSP
60-6000-DIN-12-04	3/4 BSP	1/4 BSP
60-6000-DIN-12-06	3/4 BSP	3/8 BSP
60-6000-DIN-12-08	3/4 BSP	1/2 BSP
60-6000-DIN-12-10	3/4 BSP	5/8 BSP
60-6000-DIN-12-12	3/4 BSP	3/4 BSP
60-6000-DIN-16-04	1 BSP	1/4 BSP
60-6000-DIN-16-06	1 BSP	3/8 BSP
60-6000-DIN-16-08	1 BSP	1/2 BSP
60-6000-DIN-16-10	1 BSP	5/8 BSP
60-6000-DIN-16-12	1 BSP	3/4 BSP
60-6000-DIN-16-16	1 BSP	1 BSP
60-6000-DIN-20-04	1 1/4 BSP	1/4 BSP
60-6000-DIN-20-06	1 1/4 BSP	3/8 BSP
60-6000-DIN-20-08	1 1/4 BSP	1/2 BSP

Continued...

Item	Thread Size	Thread Size
60-6000-DIN-20-10	1 1/4 BSP	5/8 BSP
60-6000-DIN-20-12	1 1/4 BSP	3/4 BSP
60-6000-DIN-20-16	1 1/4 BSP	1 BSP
60-6000-DIN-20-20	1 1/4 BSP	1 1/4 BSP
60-6000-DIN-24-04	1 1/2 BSP	1/4 BSP
60-6000-DIN-24-06	1 1/2 BSP	3/8 BSP
60-6000-DIN-24-08	1 1/2 BSP	1/2 BSP
60-6000-DIN-24-10	1 1/2 BSP	5/8 BSP
60-6000-DIN-24-12	1 1/2 BSP	3/4 BSP
60-6000-DIN-24-16	1 1/2 BSP	1 BSP
60-6000-DIN-24-20	1 1/2 BSP	1 1/4 BSP
60-6000-DIN-24-24	1 1/2 BSP	1 1/2 BSP
60-6000-DIN-32-04	2 BSP	1/4 BSP
60-6000-DIN-32-06	2 BSP	3/8 BSP
60-6000-DIN-32-08	2 BSP	1/2 BSP
60-6000-DIN-32-10	2 BSP	5/8 BSP
60-6000-DIN-32-12	2 BSP	3/4 BSP
60-6000-DIN-32-16	2 BSP	1 BSP
60-6000-DIN-32-20	2 BSP	1 1/4 BSP
60-6000-DIN-32-24	2 BSP	1 1/2 BSP
60-6000-DIN-32-32	2 BSP	2 BSP
60-6000-DIN-40-16	2 1/2 BSP	1 BSP
60-6000-DIN-40-20	2 1/2 BSP	1 1/4 BSP
60-6000-DIN-40-24	2 1/2 BSP	1 1/2 BSP
60-6000-DIN-40-32	2 1/2 BSP	2 BSP
60-6000-DIN-40-40	2 1/2 BSP	2 1/2 BSP
60-6000-DIN-60-32	3 BSP	2 BSP
60-6000-DIN-60-40	3 BSP	2 1/2 BSP
60-6000-DIN-60-60	3 BSP	3 BSP

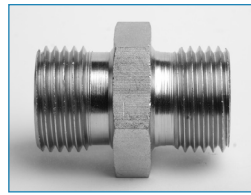


60-6000-ED

BSP MALE x BSP MALE ED SEAL

SUPPLIED COMPLETE WITH ED SEAL

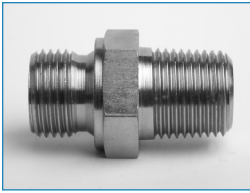
Item	Thread Size	Thread Size
60-6000-ED-04-04	1/4 BSP ED SEAL	1/4 BSP
60-6000-ED-04-06	1/4 BSP ED SEAL	3/8 BSP
60-6000-ED-04-08	1/4 BSP ED SEAL	1/2 BSP
60-6000-ED-06-04	3/8 BSP ED SEAL	1/4 BSP
60-6000-ED-06-06	3/8 BSP ED SEAL	3/8 BSP
60-6000-ED-06-08	3/8 BSP ED SEAL	1/2 BSP
60-6000-ED-08-04	1/2 BSP ED SEAL	1/4 BSP
60-6000-ED-08-06	1/2 BSP ED SEAL	3/8 BSP
60-6000-ED-08-08	1/2 BSP ED SEAL	1/2 BSP
60-6000-ED-08-12	1/2 BSP ED SEAL	3/4 BSP
60-6000-ED-08-16	1/2 BSP ED SEAL	1 BSP
60-6000-ED-12-08	3/4 BSP ED SEAL	1/2 BSP
60-6000-ED-12-12	3/4 BSP ED SEAL	3/4 BSP
60-6000-ED-12-16	3/4 BSP ED SEAL	1 BSP
60-6000-ED-16-08	1 BSP ED SEAL	1/2 BSP
60-6000-ED-16-12	1 BSP ED SEAL	3/4 BSP
60-6000-ED-16-16	1 BSP ED SEAL	1 BSP



60-6000-R

BSP MALE x BSP MALE RESTRICTOR

Item	Thread Size	Thread Size
60-6000-R-04-04-0.8MM	1/4 BSP	1/4 BSP
60-6000-R-04-04-1.5M	1/4 BSP	1/4 BSP
60-6000-R-04-04-1MM	1/4 BSP	1/4 BSP
60-6000-R-04-04-2.5M	1/4 BSP	1/4 BSP
60-6000-R-04-04-2MM	1/4 BSP	1/4 BSP
60-6000-R-06-04-0.8MM	3/8 BSP	1/4 BSP
60-6000-R-06-04-1.5M	3/8 BSP	1/4 BSP
60-6000-R-06-04-1MM	3/8 BSP	1/4 BSP
60-6000-R-06-04-2MM	3/8 BSP	1/4 BSP
60-6000-R-06-04-3MM	3/8 BSP	1/4 BSP
60-6000-R-06-06-0.5M	3/8 BSP	3/8 BSP
60-6000-R-06-06-0.8MM	3/8 BSP	3/8 BSP
60-6000-R-06-06-1MM	3/8 BSP	3/8 BSP
60-6000-R-06-06-2MM	3/8 BSP	3/8 BSP
60-6000-R-06-06-3MM	3/8 BSP	3/8 BSP
60-6000-R-06-06-4MM	3/8 BSP	3/8 BSP
60-6000-R-08-04-0.8MM	1/2 BSP	1/4 BSP
60-6000-R-08-04-1MM	1/2 BSP	1/4 BSP
60-6000-R-08-04-2MM	1/2 BSP	1/4 BSP
60-6000-R-08-04-3MM	1/2 BSP	1/4 BSP
60-6000-R-08-06-0.8MM	1/2 BSP	3/8 BSP
60-6000-R-08-06-1MM	1/2 BSP	3/8 BSP
60-6000-R-08-06-2.4M	1/2 BSP	3/8 BSP
60-6000-R-08-06-2.5M	1/2 BSP	3/8 BSP
60-6000-R-08-06-2MM	1/2 BSP	3/8 BSP
60-6000-R-08-06-3MM	1/2 BSP	3/8 BSP
60-6000-R-08-08-0.8MM	1/2 BSP	1/2 BSP
60-6000-R-08-08-1.4M	1/2 BSP	1/2 BSP
60-6000-R-08-08-1MM	1/2 BSP	1/2 BSP
60-6000-R-08-08-2MM	1/2 BSP	1/2 BSP
60-6000-R-08-08-3MM	1/2 BSP	1/2 BSP
60-6000-R-12-06-0.8MM	3/4 BSP	3/8 BSP
60-6000-R-12-06-2MM	3/4 BSP	3/8 BSP
60-6000-R-12-06-3MM	3/4 BSP	3/8 BSP
60-6000-R-12-08-1MM	3/4 BSP	1/2 BSP
60-6000-R-12-12-1MM	3/4 BSP	3/4 BSP
60-6000-R-12-12-2.5M	3/4 BSP	3/4 BSP



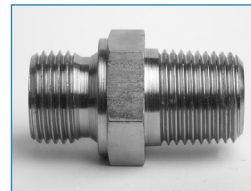
60-6001

BSP MALE x BSPT MALE

Item	Thread Size	Thread Size
60-6001-02-02	1/8 BSP	1/8 BSPT
60-6001-02-04	1/8 BSP	1/4 BSPT
60-6001-02-06	1/8 BSP	3/8 BSPT
60-6001-02-08	1/8 BSP	1/2 BSPT
60-6001-04-02	1/4 BSP	1/8 BSPT
60-6001-04-04	1/4 BSP	1/4 BSPT
60-6001-04-06	1/4 BSP	3/8 BSPT
60-6001-04-08	1/4 BSP	1/2 BSPT
60-6001-04-12	1/4 BSP	3/4 BSPT
60-6001-06-02	3/8 BSP	1/8 BSPT
60-6001-06-04	3/8 BSP	1/4 BSPT
60-6001-06-06	3/8 BSP	3/8 BSPT
60-6001-06-08	3/8 BSP	1/2 BSPT
60-6001-06-10	3/8 BSP	5/8 BSPT
60-6001-06-12	3/8 BSP	3/4 BSPT
60-6001-06-16	3/8 BSP	1 BSPT
60-6001-08-02	1/2 BSP	1/8 BSPT
60-6001-08-04	1/2 BSP	1/4 BSPT
60-6001-08-06	1/2 BSP	3/8 BSPT
60-6001-08-08	1/2 BSP	1/2 BSPT
60-6001-08-10	1/2 BSP	5/8 BSPT
60-6001-08-12	1/2 BSP	3/4 BSPT
60-6001-08-16	1/2 BSP	1 BSPT
60-6001-08-20	1/2 BSP	1 1/4 BSPT
60-6001-10-04	5/8 BSP	1/4 BSPT
60-6001-10-06	5/8 BSP	3/8 BSPT
60-6001-10-08	5/8 BSP	1/2 BSPT
60-6001-10-10	5/8 BSP	5/8 BSPT
60-6001-10-12	5/8 BSP	3/4 BSPT
60-6001-100-100	4 BSP	4 BSPT
60-6001-12-04	3/4 BSP	1/4 BSPT
60-6001-12-06	3/4 BSP	3/8 BSPT
60-6001-12-08	3/4 BSP	1/2 BSPT
60-6001-12-10	3/4 BSP	5/8 BSPT
60-6001-12-12	3/4 BSP	3/4 BSPT
60-6001-12-16	3/4 BSP	1 BSPT
60-6001-12-20	3/4 BSP	1 1/4 BSPT
60-6001-12-24	3/4 BSP	1 1/2 BSPT
60-6001-12-32	3/4 BSP	2 BSPT
60-6001-16-04	1 BSP	1/4 BSPT
60-6001-16-06	1 BSP	3/8 BSPT
60-6001-16-08	1 BSP	1/2 BSPT
60-6001-16-10	1 BSP	5/8 BSPT
60-6001-16-12	1 BSP	3/4 BSPT
60-6001-16-16	1 BSP	1 BSPT
60-6001-16-20	1 BSP	1 1/4 BSPT
60-6001-16-24	1 BSP	1 1/2 BSPT
60-6001-16-32	1 BSP	2 BSPT
60-6001-20-12	1 1/4 BSP	3/4 BSPT
60-6001-20-16	1 1/4 BSP	1 BSPT
60-6001-20-20	1 1/4 BSP	1 1/4 BSPT
60-6001-20-24	1 1/4 BSP	1 1/2 BSPT
60-6001-20-32	1 1/4 BSP	2 BSPT
60-6001-24-16	1 1/2 BSP	1 BSPT

Continued...

Item	Thread Size	Thread Size
60-6001-24-20	1 1/2 BSP	1 1/4 BSPT
60-6001-24-24	1 1/2 BSP	1 1/2 BSPT
60-6001-24-32	1 1/2 BSP	2 BSPT
60-6001-32-16	2 BSP	1 BSPT
60-6001-32-20	2 BSP	1 1/4 BSPT
60-6001-32-24	2 BSP	1 1/2 BSPT
60-6001-32-32	2 BSP	2 BSPT
60-6001-32-40	2 BSP	2 1/2 BSPT
60-6001-32-60	2 BSP	3 BSPT
60-6001-40-32	2 1/2 BSP	2 BSPT
60-6001-40-40	2 1/2 BSP	2 1/2 BSPT
60-6001-40-60	2 1/2 BSP	3 BSPT
60-6001-60-40	3 BSP	2 1/2 BSPT
60-6001-60-60	3 BSP	3 BSPT



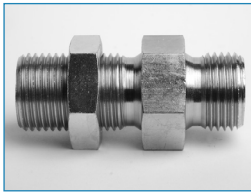
60-6002

BSP MALE X NPTF MALE

Item	Thread Size	Thread Size
60-6002-02-02	1/8 BSP	1/8 NPTF
60-6002-02-04	1/8 BSP	1/4 NPTF
60-6002-02-06	1/8 BSP	3/8 NPTF
60-6002-02-08	1/8 BSP	1/2 NPTF
60-6002-04-02	1/4 BSP	1/8 NPTF
60-6002-04-04	1/4 BSP	1/4 NPTF
60-6002-04-06	1/4 BSP	3/8 NPTF
60-6002-04-08	1/4 BSP	1/2 NPTF
60-6002-04-12	1/4 BSP	3/4 NPTF
60-6002-04-16	1/4 BSP	1 NPTF
60-6002-06-02	3/8 BSP	1/8 NPTF
60-6002-06-04	3/8 BSP	1/4 NPTF
60-6002-06-06	3/8 BSP	3/8 NPTF
60-6002-06-08	3/8 BSP	1/2 NPTF
60-6002-06-12	3/8 BSP	3/4 NPTF
60-6002-06-16	3/8 BSP	1 NPTF
60-6002-08-02	1/2 BSP	1/8 NPTF
60-6002-08-04	1/2 BSP	1/4 NPTF
60-6002-08-06	1/2 BSP	3/8 NPTF
60-6002-08-08	1/2 BSP	1/2 NPTF
60-6002-08-12	1/2 BSP	3/4 NPTF
60-6002-08-16	1/2 BSP	1 NPTF
60-6002-10-06	5/8 BSP	3/8 NPTF
60-6002-10-08	5/8 BSP	1/2 NPTF
60-6002-10-12	5/8 BSP	3/4 NPTF
60-6002-100-100	4 BSP	4 NPTF
60-6002-12-04	3/4 BSP	1/4 NPTF
60-6002-12-06	3/4 BSP	3/8 NPTF
60-6002-12-08	3/4 BSP	1/2 NPTF
60-6002-12-12	3/4 BSP	3/4 NPTF
60-6002-12-16	3/4 BSP	1 NPTF
60-6002-12-20	3/4 BSP	1 1/4 NPTF
60-6002-12-24	3/4 BSP	1 1/2 NPTF
60-6002-12-32	3/4 BSP	2 NPTF
60-6002-16-08	1 BSP	1/2 NPTF
60-6002-16-12	1 BSP	3/4 NPTF

Continued...

Item	Thread Size	Thread Size
60-6002-16-16	1 BSP	1 NPTF
60-6002-16-20	1 BSP	1 1/4 NPTF
60-6002-16-24	1 BSP	1 1/2 NPTF
60-6002-16-32	1 BSP	2 NPTF
60-6002-20-12	1 1/4 BSP	3/4 NPTF
60-6002-20-16	1 1/4 BSP	1 NPTF
60-6002-20-20	1 1/4 BSP	1 1/4 NPTF
60-6002-20-24	1 1/4 BSP	1 1/2 NPT
60-6002-20-32	1 1/4 BSP	2 NPTF
60-6002-24-12	1 1/2 BSP	3/4 NPTF
60-6002-24-16	1 1/2 BSP	1 NPTF
60-6002-24-20	1 1/2 BSP	1 1/4 NPTF
60-6002-24-24	1 1/2 BSP	1 1/2 NPTF
60-6002-24-32	1 1/2 BSP	2 NPTF
60-6002-32-16	2 BSP	1 NPTF
60-6002-32-20	2 BSP	1 1/4 NPTF
60-6002-32-24	2 BSP	1 1/2 NPTF
60-6002-32-32	2 BSP	2 NPTF
60-6002-32-40	2 BSP	2 1/2 NPTF
60-6002-32-60	2 BSP	3 NPTF
60-6002-40-32	2 1/2 BSP	2 NPTF
60-6002-40-40	2 1/2 BSP	2 1/2 NPTF
60-6002-40-60	2 1/2 BSP	3 NPTF
60-6002-60-40	3 BSP	2 1/2 NPTF
60-6002-60-60	3 BSP	3 NPTF

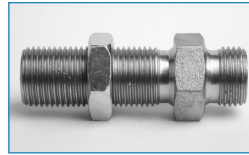


60-6003

BSP MALE x BULKHEAD BSP MALE

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
60-6003-02-02	1/8 BSP	1/8 BSP
60-6003-04-04	1/4 BSP	1/4 BSP
60-6003-04-06	1/4 BSP	3/8 BSP
60-6003-04-08	1/4 BSP	1/2 BSP
60-6003-06-04	3/8 BSP	1/4 BSP
60-6003-06-06	3/8 BSP	3/8 BSP
60-6003-06-08	3/8 BSP	1/2 BSP
60-6003-08-06	1/2 BSP	3/8 BSP
60-6003-08-08	1/2 BSP	1/2 BSP
60-6003-08-10	1/2 BSP	5/8 BSP
60-6003-08-12	1/2 BSP	3/4 BSP
60-6003-10-10	5/8 BSP	5/8 BSP
60-6003-12-08	3/4 BSP	1/2 BSP
60-6003-12-12	3/4 BSP	3/4 BSP
60-6003-12-16	3/4 BSP	1 BSP
60-6003-16-12	1 BSP	3/4 BSP
60-6003-16-16	1 BSP	1 BSP
60-6003-16-20	1 BSP	1 1/4 BSP
60-6003-20-20	1 1/4 BSP	1 1/4 BSP
60-6003-20-24	1 1/4 BSP	1 1/2 BSP
60-6003-24-16	1 1/2 BSP	1 BSP
60-6003-24-24	1 1/2 BSP	1 1/2 BSP
60-6003-32-32	2 BSP	2 BSP
60-6003-40-40	2 1/2 BSP	2 1/2 BSP
60-6003-60-60	3 BSP	3 BSP



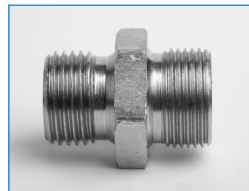
60-6003-L

BULKHEAD EXTENDED BSP MALE x BSP

MALE

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
60-6003-L-04-04	1/4 BSP	1/4 BSP
60-6003-L-06-06	3/8 BSP	3/8 BSP
60-6003-L-06-08	3/8 BSP	1/2 BSP
60-6003-L-08-06	1/2 BSP	3/8 BSP
60-6003-L-08-08	1/2 BSP	1/2 BSP
60-6003-L-10-10	5/8 BSP	5/8 BSP
60-6003-L-12-08	3/4 BSP	1/2 BSP
60-6003-L-12-12	3/4 BSP	3/4 BSP
60-6003-L-16-16	1 BSP	1 BSP
60-6003-L-20-20	1 1/4 BSP	1 1/4 BSP
60-6003-L-24-24	1 1/2 BSP	1 1/2 BSP
60-6003-L-32-32	2 BSP	2 BSP



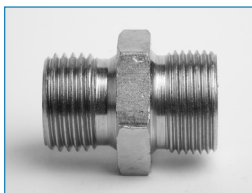
60-6015

BSP MALE X METRIC MALE

Item	Thread Size	Thread Size
60-6015-02-08 X 1	1/8 BSP	8 MM X 1
60-6015-02-10 X 1	1/8 BSP	10 MM X 1
60-6015-02-10 X 1.5	1/8 BSP	10 MM X 1.5
60-6015-02-12 X 1	1/8 BSP	12 MM X 1
60-6015-02-12 X 1.5	1/8 BSP	12 MM X 1.5
60-6015-02-14 X 1.5	1/8 BSP	14 MM X 1.5
60-6015-02-16 X 1.5	1/8 BSP	16 MM X 1.5
60-6015-04-10 X 1	1/4 BSP	10 MM X 1
60-6015-04-10 X 1.5	1/4 BSP	10 MM X 1.5
60-6015-04-12 X 1	1/4 BSP	12 MM X 1
60-6015-04-12 X 1.5	1/4 BSP	12 MM X 1.5
60-6015-04-14 X 1	1/4 BSP	14 MM X 1
60-6015-04-14 X 1.5	1/4 BSP	14 MM X 1.5
60-6015-04-16 X 1.5	1/4 BSP	16 MM X 1.5
60-6015-04-18 X 1.5	1/4 BSP	18 MM X 1.5
60-6015-04-20 X 1.5	1/4 BSP	20 MM X 1.5
60-6015-04-22 X 1.5	1/4 BSP	22 MM X 1.5
60-6015-04-24 X 1.5	1/4 BSP	24 MM X 1.5
60-6015-06-10 X 1	3/8 BSP	10 MM X 1
60-6015-06-10 X 1.5	3/8 BSP	10 MM X 1.5
60-6015-06-12 X 1.5	3/8 BSP	12 MM X 1.5
60-6015-06-14 X 1	3/8 BSP	14 MM X 1
60-6015-06-14 X 1.5	3/8 BSP	14 MM X 1.5
60-6015-06-16 X 1.5	3/8 BSP	16 MM X 1.5
60-6015-06-18 X 1.5	3/8 BSP	18 MM X 1.5
60-6015-06-20 X 1.5	3/8 BSP	20 MM X 1.5

Continued...

Item	Thread Size	Thread Size
60-6015-06-22 X 1.5	3/8 BSP	22 MM X 1.5
60-6015-06-24 X 1.5	3/8 BSP	24 MM X 1.5
60-6015-06-26 X 1.5	3/8 BSP	26 MM X 1.5
60-6015-06-30 X 1.5	3/8 BSP	30 MM X 1.5
60-6015-08-12 X 1.5	1/2 BSP	12 MM X 1.5
60-6015-08-14 X 1.5	1/2 BSP	14 MM X 1.5
60-6015-08-16 X 1.5	1/2 BSP	16 MM X 1.5
60-6015-08-18 X 1.5	1/2 BSP	18 MM X 1.5
60-6015-08-20 X 1.5	1/2 BSP	20 MM X 1.5
60-6015-08-22 X 1.5	1/2 BSP	22 MM X 1.5
60-6015-08-24 X 1.5	1/2 BSP	24 MM X 1.5
60-6015-08-26 X 1.5	1/2 BSP	26 MM X 1.5
60-6015-08-27 X 2	1/2 BSP	27 MM X 2
60-6015-10-14 X 1.5	5/8 BSP	14 MM X 1.5
60-6015-10-16 X 1.5	5/8 BSP	16 MM X 1.5
60-6015-10-18 X 1.5	5/8 BSP	18 MM X 1.5
60-6015-10-22 X 1.5	5/8 BSP	22 MM X 1.5
60-6015-10-26 X 1.5	5/8 BSP	26 MM X 1.5
60-6015-12-16 X 1.5	3/4 BSP	16 MM X 1.5
60-6015-12-18 X 1.5	3/4 BSP	18 MM X 1.5
60-6015-12-20 X 1.5	3/4 BSP	20 MM X 1.5
60-6015-12-22 X 1.5	3/4 BSP	22 MM X 1.5
60-6015-12-24 X 1.5	3/4 BSP	24 MM X 1.5
60-6015-12-26 X 1.5	3/4 BSP	26 MM X 1.5
60-6015-12-27 X 2	3/4 BSP	27 MM X 2
60-6015-12-30 X 1.5	3/4 BSP	30 MM X 1.5
60-6015-12-33 X 2	3/4 BSP	33 MM X 2
60-6015-16-18 X 1.5	1 BSP	18 MM X 1.5
60-6015-16-22 X 1.5	1 BSP	22 MM X 1.5
60-6015-16-26 X 1.5	1 BSP	26 MM X 1.5
60-6015-16-28 X 1.5	1 BSP	28 MM X 1.5
60-6015-16-30 X 1.5	1 BSP	30 MM X 1.5
60-6015-16-33 X 2	1 BSP	33 MM X 2
60-6015-16-36 X 1.5	1 BSP	36 MM X 1.5
60-6015-16-38 X 1.5	1 BSP	38 MM X 1.5
60-6015-20-26 X 1.5	1 1/4 BSP	26 MM X 1.5
60-6015-20-30 X 1.5	1 1/4 BSP	30 MM X 1.5
60-6015-20-38 X 1.5	1 1/4 BSP	38 MM X 1.5
60-6015-24-22 X 1.5	1 1/2 BSP	22 MM X 1.5
60-6015-24-38 X 1.5	1 1/2 BSP	38 MM X 1.5
60-6015-24-45 X 1.5	1 1/2 BSP	45 MM X 1.5
60-6015-32-45 X 1.5	2 BSP	45 MM X 1.5
60-6015-32-52 X 1.5	2 BSP	52 MM X 1.5



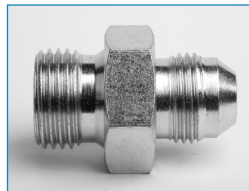
60-6016

METRIC MALE x METRIC MALE

Item	Thread Size	Thread Size
60-6016-10-10	10 MM X 1.5	10 MM X 1.5
60-6016-10-12	10 MM X 1.5	12 MM X 1.5
60-6016-10-14	10 MM X 1.5	14 MM X 1.5
60-6016-10-16	10 MM X 1.5	16 MM X 1.5
60-6016-12-12	12 MM X 1.5	12 MM X 1.5
60-6016-12-14	12 MM X 1.5	14 MM X 1.5
60-6016-12-16	12 MM X 1.5	16 MM X 1.5
60-6016-12-18	12 MM X 1.5	18 MM X 1.5
60-6016-14-14	14 MM X 1.5	14 MM X 1.5

Continued...

Item	Thread Size	Thread Size
60-6016-14-16	14 MM X 1.5	16 MM X 1.5
60-6016-14-18	14 MM X 1.5	18 MM X 1.5
60-6016-14-20	14 MM X 1.5	20 MM X 1.5
60-6016-14-22	14 MM X 1.5	22 MM X 1.5
60-6016-16-16	16 MM X 1.5	16 MM X 1.5
60-6016-16-18	16 MM X 1.5	18 MM X 1.5
60-6016-16-20	16 MM X 1.5	20 MM X 1.5
60-6016-16-22	16 MM X 1.5	22 MM X 1.5
60-6016-16-24	16 MM X 1.5	24 MM X 1.5
60-6016-16-26	16 MM X 1.5	26 MM X 1.5
60-6016-18-18	18 MM X 1.5	18 MM X 1.5
60-6016-18-20	18 MM X 1.5	20 MM X 1.5
60-6016-18-22	18 MM X 1.5	22 MM X 1.5
60-6016-18-24	18 MM X 1.5	24 MM X 1.5
60-6016-18-26	18 MM X 1.5	26 MM X 1.5
60-6016-18-30	18 MM X 1.5	30 MM X 1.5
60-6016-20-20	20 MM X 1.5	20 MM X 1.5
60-6016-20-22	20 MM X 1.5	22 MM X 1.5
60-6016-20-24	20 MM X 1.5	24 MM X 1.5
60-6016-20-26	20 MM X 1.5	26 MM X 1.5
60-6016-22-22	22 MM X 1.5	22 MM X 1.5
60-6016-22-24	22 MM X 1.5	24 MM X 1.5
60-6016-22-26	22 MM X 1.5	26 MM X 1.5
60-6016-22-30	22 MM X 1.5	30 MM X 1.5
60-6016-24-24	24 MM X 1.5	24 MM X 1.5
60-6016-24-26	24 MM X 1.5	26 MM X 1.5
60-6016-26-26	26 MM X 1.5	26 MM X 1.5
60-6016-30-30	30 MM X 1.5	30 MM X 1.5
60-6016-30-38	30 MM X 1.5	38 MM X 1.5
60-6016-38-38	38 MM X 1.5	38 MM X 1.5



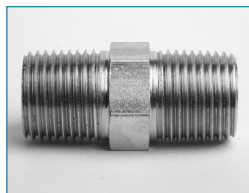
60-6017

JIC MALE x BSP MALE

Item	Thread Size	Thread Size
60-6017-02-04	5/16-24 JIC	1/4 BSP
60-6017-03-02	3/8-24 JIC	1/8 BSP
60-6017-03-04	3/8-24 JIC	1/4 BSP
60-6017-03-06	3/8-24 JIC	3/8 BSP
60-6017-04-02	7/16-20 JIC	1/8 BSP
60-6017-04-04	7/16-20 JIC	1/4 BSP
60-6017-04-06	7/16-20 JIC	3/8 BSP
60-6017-04-08	7/16-20 JIC	1/2 BSP
60-6017-04-10	7/16-20 JIC	5/8 BSP
60-6017-04-12	7/16-20 JIC	3/4 BSP
60-6017-05-02	1/2-20 JIC	1/8 BSP
60-6017-05-04	1/2-20 JIC	1/4 BSP
60-6017-05-06	1/2-20 JIC	3/8 BSP
60-6017-05-08	1/2-20 JIC	1/2 BSP
60-6017-05-10	1/2-20 JIC	5/8 BSP
60-6017-05-12	1/2-20 JIC	3/4 BSP
60-6017-06-02	9/16-18 JIC	1/8 BSP
60-6017-06-04	9/16-18 JIC	1/4 BSP
60-6017-06-06	9/16-18 JIC	3/8 BSP
60-6017-06-08	9/16-18 JIC	1/2 BSP

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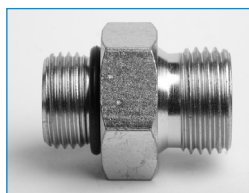
Item	Thread Size	Thread Size
60-6017-06-10	9/16-18 JIC	5/8 BSP
60-6017-06-12	9/16-18 JIC	3/4 BSP
60-6017-06-16	9/16-18 JIC	1 BSP
60-6017-08-04	3/4-16 JIC	1/4 BSP
60-6017-08-06	3/4-16 JIC	3/8 BSP
60-6017-08-08	3/4-16 JIC	1/2 BSP
60-6017-08-10	3/4-16 JIC	5/8 BSP
60-6017-08-12	3/4-16 JIC	3/4 BSP
60-6017-08-16	3/4-16 JIC	1 BSP
60-6017-10-04	7/8-14 JIC	1/4 BSP
60-6017-10-06	7/8-14 JIC	3/8 BSP
60-6017-10-08	7/8-14 JIC	1/2 BSP
60-6017-10-10	7/8-14 JIC	5/8 BSP
60-6017-10-12	7/8-14 JIC	3/4 BSP
60-6017-10-16	7/8-14 JIC	1 BSP
60-6017-12-04	1 1/16-12 JIC	1/4 BSP
60-6017-12-06	1 1/16-12 JIC	3/8 BSP
60-6017-12-08	1 1/16-12 JIC	1/2 BSP
60-6017-12-10	1 1/16-12 JIC	5/8 BSP
60-6017-12-12	1 1/16-12 JIC	3/4 BSP
60-6017-12-16	1 1/16-12 JIC	1 BSP
60-6017-12-20	1 1/16-12 JIC	1 1/4 BSP
60-6017-12-24	1 1/16-12 JIC	1 1/2 BSP
60-6017-14-04	1 3/16-12 JIC	1/4 BSP
60-6017-14-08	1 3/16-12 JIC	1/2 BSP
60-6017-14-10	1 3/16-12 JIC	5/8 BSP
60-6017-14-12	1 3/16-12 JIC	3/4 BSP
60-6017-14-16	1 3/16-12 JIC	1 BSP
60-6017-16-04	1 5/16-12 JIC	1/4 BSP
60-6017-16-06	1 5/16-12 JIC	3/8 BSP
60-6017-16-08	1 5/16-12 JIC	1/2 BSP
60-6017-16-10	1 5/16-12 JIC	5/8 BSP
60-6017-16-12	1 5/16-12 JIC	3/4 BSP
60-6017-16-16	1 5/16-12 JIC	1 BSP
60-6017-16-20	1 5/16-12 JIC	1 1/4 BSP
60-6017-16-24	1 5/16-12 JIC	1 1/2 BSP
60-6017-20-10	1 5/8-12 JIC	5/8 BSP
60-6017-20-12	1 5/8-12 JIC	3/4 BSP
60-6017-20-16	1 5/8-12 JIC	1 BSP
60-6017-20-20	1 5/8-12 JIC	1 1/4 BSP
60-6017-20-24	1 5/8-12 JIC	1 1/2 BSP
60-6017-20-32	1 5/16-12 JIC	2 BSP
60-6017-24-12	1 7/8-12 JIC	3/4 BSP
60-6017-24-16	1 7/8-12 JIC	1 BSP
60-6017-24-20	1 7/8-12 JIC	1 1/4 BSP
60-6017-24-24	1 7/8-12 JIC	1 1/2 BSP
60-6017-24-32	1 7/8-12 JIC	2 BSP
60-6017-24-40	1 7/8-12 JIC	2 1/2 BSP
60-6017-24-60	1 7/8-12 JIC	3 BSP
60-6017-32-16	2 1/2-12 JIC	1 BSP
60-6017-32-20	2 1/2-12 JIC	1 1/4 BSP
60-6017-32-24	2 1/2-12 JIC	1 1/2 BSP
60-6017-32-32	2 1/2-12 JIC	2 BSP
60-6017-32-60	2 1/2-12 JIC	3 BSP
60-6017-32-80	2 1/2-12 JIC	3 1/2 BSP



60-6018

BSPT MALE x BSPT MALE

Item	Thread Size	Thread Size
60-6018-02-02	1/8 BSPT	1/8 BSPT
60-6018-04-02	1/4 BSPT	1/8 BSPT
60-6018-04-04	1/4 BSPT	1/4 BSPT
60-6018-06-02	3/8 BSPT	1/8 BSPT
60-6018-06-04	3/8 BSPT	1/4 BSPT
60-6018-06-06	3/8 BSPT	3/8 BSPT
60-6018-08-04	1/2 BSPT	1/4 BSPT
60-6018-08-06	1/2 BSPT	3/8 BSPT
60-6018-08-08	1/2 BSPT	1/2 BSPT
60-6018-08-10	1/2 BSPT	5/8 BSPT
60-6018-08-12	1/2 BSPT	3/4 BSPT
60-6018-08-16	1/2 BSPT	1 BSPT
60-6018-10-10	5/8 BSPT	5/8 BSPT
60-6018-12-08	3/4 BSPT	1/2 BSPT
60-6018-12-12	3/4 BSPT	3/4 BSPT
60-6018-12-16	3/4 BSPT	1 BSPT
60-6018-12-20	3/4 BSPT	1 1/4 BSPT
60-6018-16-16	1 BSPT	1 BSPT
60-6018-16-20	1 BSPT	1 1/4 BSPT
60-6018-16-24	1 BSPT	1 1/2 BSPT
60-6018-20-20	1 1/4 BSPT	1 1/4 BSPT
60-6018-20-24	1 1/4 BSPT	1 1/2 BSPT
60-6018-20-32	1 1/4 BSPT	2 BSPT
60-6018-24-24	1 1/2 BSPT	1 1/2 BSPT
60-6018-24-32	1 1/2 BSPT	2 BSPT
60-6018-24-40	1 1/2 BSPT	2 1/2 BSPT
60-6018-32-32	2 BSPT	2 BSPT
60-6018-32-40	2 BSPT	2 1/2 BSPT
60-6018-32-60	2 BSPT	3 BSPT
60-6018-40-40	2 1/2 BSPT	2 1/2 BSPT
60-6018-60-60	3 BSPT	3 BSPT



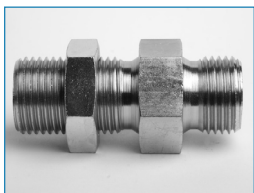
60-6019

SAE MALE x BSP MALE

Item	Thread Size	Thread Size
60-6019-02-02	1/4 SAE	1/8 BSP
60-6019-02-04	1/4 SAE	1/4 BSP
60-6019-03-04	3/8 SAE	1/4 BSP
60-6019-03-06	3/8 SAE	3/8 BSP
60-6019-04-02	7/16 SAE	1/8 BSP
60-6019-04-04	7/16 SAE	1/4 BSP
60-6019-04-06	7/16 SAE	3/8 BSP
60-6019-04-08	7/16 SAE	1/2 BSP
60-6019-05-04	1/2 SAE	1/4 BSP

Continued...

Item	Thread Size	Thread Size
60-6019-05-08	1/2 SAE	1/2 BSP
60-6019-06-04	9/16 SAE	1/4 BSP
60-6019-06-06	9/16 SAE	3/8 BSP
60-6019-06-08	9/16 SAE	1/2 BSP
60-6019-07-04	5/8 SAE	1/4 BSP
60-6019-07-06	5/8 SAE	3/8 BSP
60-6019-07-08	5/8 SAE	1/2 BSP
60-6019-08-04	3/4 SAE	1/4 BSP
60-6019-08-06	3/4 SAE	3/8 BSP
60-6019-08-08	3/4 SAE	1/2 BSP
60-6019-08-10	3/4 SAE	5/8 BSP
60-6019-08-12	3/4 SAE	3/4 BSP
60-6019-10-04	7/8 SAE	1/4 BSP
60-6019-10-06	7/8 SAE	3/8 BSP
60-6019-10-08	7/8 SAE	1/2 BSP
60-6019-10-10	7/8 SAE	5/8 BSP
60-6019-10-12	7/8 SAE	3/4 BSP
60-6019-10-16	7/8 SAE	1 BSP
60-6019-12-04	1 1/16 SAE	1/4 BSP
60-6019-12-06	1 1/16 SAE	3/8 BSP
60-6019-12-08	1 1/16 SAE	1/2 BSP
60-6019-12-10	1 1/16 SAE	5/8 BSP
60-6019-12-12	1 1/16 SAE	3/4 BSP
60-6019-12-16	1 1/16 SAE	1 BSP
60-6019-12-20	1 1/16 SAE	1 1/4 BSP
60-6019-14-12	1 3/16 SAE	3/4 BSP
60-6019-16-08	1 5/16 SAE	1/2 BSP
60-6019-16-12	1 5/16 SAE	3/4 BSP
60-6019-16-16	1 5/16 SAE	1 BSP
60-6019-16-20	1 5/16 SAE	1 1/4 BSP
60-6019-16-24	1 5/16 SAE	1 1/2 BSP
60-6019-20-12	1 5/8 SAE	3/4 BSP
60-6019-20-16	1 5/8 SAE	1 BSP
60-6019-20-20	1 5/8 SAE	1 1/4 BSP
60-6019-20-24	1 5/8 SAE	1 1/2 BSP
60-6019-24-20	1 7/8 SAE	1 1/4 BSP
60-6019-24-24	1 7/8 SAE	1 1/2 BSP

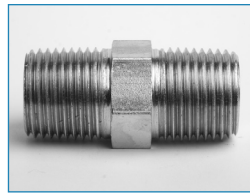


60-6026

BULKHEAD METRIC MALE x METRIC MALE

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
60-6026-12-12	12 MM X 1 5	12 MM X 1 5
60-6026-14-14	14 MM X 1 5	14 MM X 1 5
60-6026-16-16	16 MM X 1 5	16 MM X 1 5
60-6026-18-18	18 MM X 1 5	18 MM X 1 5
60-6026-20-20	20 MM X 1 5	20 MM X 1 5
60-6026-22-22	22 MM X 1 5	22 MM X 1 5
60-6026-24-24	24 MM X 1 5	24 MM X 1 5



60-6040

BSPT MALE X NPTF MALE

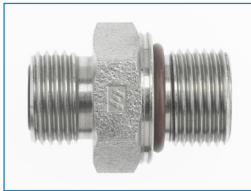
Item	Thread Size	Thread Size
60-6040-02-02	1/8 BSPT	1/8 NPTF
60-6040-02-04	1/8 BSPT	1/4 NPTF
60-6040-04-02	1/4 BSPT	1/8 NPTF
60-6040-04-04	1/4 BSPT	1/4 NPTF
60-6040-04-06	1/4 BSPT	3/8 NPTF
60-6040-04-12	1/4 BSPT	3/4 NPTF
60-6040-04-16	1/4 BSPT	1 NPTF
60-6040-06-04	3/8 BSPT	1/4 NPTF
60-6040-06-06	3/8 BSPT	3/8 NPTF
60-6040-06-08	3/8 BSPT	1/2 NPTF
60-6040-06-12	3/8 BSPT	3/4 NPTF
60-6040-08-04	1/2 BSPT	1/4 NPTF
60-6040-08-08	1/2 BSPT	1/2 NPTF
60-6040-08-12	1/2 BSPT	3/4 NPTF
60-6040-08-16	1/2 BSPT	1 NPTF
60-6040-100-100	4 BSPT	4 NPTF
60-6040-12-04	3/4 BSPT	1/4 NPTF
60-6040-12-12	3/4 BSPT	3/4 NPTF
60-6040-12-16	3/4 BSPT	1 NPTF
60-6040-16-04	1 BSPT	1/4 NPTF
60-6040-16-08	1 BSPT	1/2 NPTF
60-6040-16-12	1 BSPT	3/4 NPTF
60-6040-16-16	1 BSPT	1 NPTF
60-6040-16-20	1 BSPT	1 1/4 NPTF
60-6040-16-32	1 BSPT	2 NPTF
60-6040-20-16	1 1/4 BSPT	1 NPTF
60-6040-20-20	1 1/4 BSPT	1 1/4 NPTF
60-6040-24-16	1 1/2 BSPT	1 NPTF
60-6040-24-20	1 1/2 BSPT	1 1/4 NPTF
60-6040-24-24	1 1/2 BSPT	1 1/2 NPTF
60-6040-24-32	1 1/2 BSPT	2 NPTF
60-6040-32-16	2 BSPT	1 NPTF
60-6040-32-20	2 BSPT	1 1/4 NPTF
60-6040-32-24	2 BSPT	1 1/2 NPTF
60-6040-32-32	2 BSPT	2 NPTF
60-6040-40-32	2 1/2 BSPT	2 NPTF
60-6040-40-40	2 1/2 BSPT	2 1/2 NPTF
60-6040-60-32	3 BSPT	2 NPTF
60-6040-60-60	3 BSPT	3 NPTF



7640-O

MALE JIC x MALE METRIC OR ISO 6149

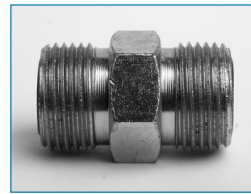
Item	Thread Size	Thread Size
7640-04-12-O	7/16-20 JIC	M12 x 1.5 MM
7640-04-14-O	7/16-20 JIC	M14 x 1.5 MM
7640-06-14-O	9/16-18 JIC	M14 x 1.5 MM
7640-06-18-O	9/16-18 JIC	M18 x 1.5 MM
7640-08-10-O	3/4-16 JIC	M10 x 1 MM
7640-08-12-O	3/4-16 JIC	M10 x 1 MM
7640-08-18-O	3/4-16 JIC	M18 x 1.5 MM
7640-08-22-O	3/4-16 JIC	M22 x 1.5 MM
7640-08-27-O	3/4-16 JIC	M27 x 2.0 MM
7640-10-18-O	7/8-14 JIC	M18 x 1.5 MM
7640-10-22-O	7/8-14 JIC	M22 x 1.5 MM
7640-12-27-O	1 1/16-12 JIC	M27 x 2.0 MM
7640-16-27-O	1 5/16-12 JIC	M27 x 2.0 MM



FS7640-O

ORFS MALE x MALE METRIC OR ISO 6149

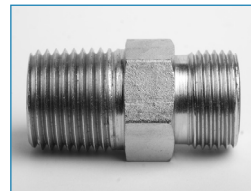
Item	Thread Size	Thread Size
FS7640-04-10-O	9/16-18 ORFS	M10 x 1 MM
FS7640-04-12-O	9/16-18 ORFS	M12 x 1.5 MM
FS7640-04-14-O	9/16-18 ORFS	M14 x 1.5 MM
FS7640-06-12-O	1 1/16-16 ORFS	M12 x 1.5 MM
FS7640-06-14-O	1 1/16-16 ORFS	M14 x 1.5 MM
FS7640-06-16-O	1 1/16-16 ORFS	M16 x 1.5 MM
FS7640-06-18-O	1 1/16-16 ORFS	M18 x 1.5 MM
FS7640-06-22-O	1 1/16-16 ORFS	M22 x 1.5 MM
FS7640-08-14-O	13/16-16 ORFS	M14 x 1.5 MM
FS7640-08-16-O	13/16-16 ORFS	M16 x 1.5 MM
FS7640-08-18-O	13/16-16 ORFS	M18 x 1.5 MM
FS7640-08-22-O	13/16-16 ORFS	M22 x 1.5 MM
FS7640-08-26-O	13/16-16 ORFS	M26 x 1.5 MM
FS7640-08-27-O	13/16-16 ORFS	M27 x 2.0 MM
FS7640-08-33-O	13/16-16 ORFS	M33 x 2.0 MM
FS7640-10-18-O	1-14 ORFS	M18 x 1.5 MM
FS7640-10-22-O	1-14 ORFS	M22 x 1.5 MM
FS7640-10-26-O	1-14 ORFS	M26 x 1.5 MM
FS7640-10-27-O	1-14 ORFS	M27 x 2.0 MM
FS7640-10-33-O	1-14 ORFS	M33 x 2.0 MM
FS7640-12-22-O	1-3/16-12 ORFS	M22 x 1.5 MM
FS7640-12-27-O	1-3/16-12 ORFS	M27 x 2.0 MM
FS7640-12-33-O	1-3/16-12 ORFS	M33 x 2.0 MM
FS7640-16-33-O	1-7/16-12 ORFS	M33 x 2.0 MM
FS7640-20-38-O	1-11/16-12 ORFS	M38 x 2.0 MM
FS7640-20-42-O	1-11/16-12 ORFS	M42 x 2.0 MM



OR-4000

ORFS MALE x ORFS MALE

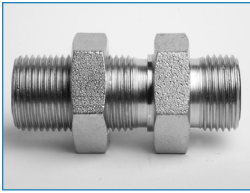
Item	Thread Size	Thread Size
OR-4000-04-04	9/16-18 ORFS	9/16-18 ORFS
OR-4000-06-04	1 1/16-16 ORFS	9/16-18 ORFS
OR-4000-06-06	1 1/16-16 ORFS	1 1/16-16 ORFS
OR-4000-08-06	13/16-16 ORFS	1 1/16-16 ORFS
OR-4000-08-08	13/16-16 ORFS	13/16-16 ORFS
OR-4000-10-08	1-14 ORFS	13/16-16 ORFS
OR-4000-10-10	1-14 ORFS	1-14 ORFS
OR-4000-12-08	1 3/16-12 ORFS	13/16-16 ORFS
OR-4000-12-10	1 3/16-12 ORFS	1-14 ORFS
OR-4000-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-4000-16-12	1 7/16-12 ORFS	1 3/16-12 ORFS
OR-4000-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-4000-20-16	1 11/16-12 ORFS	1 7/16-12 ORFS
OR-4000-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS
OR-4000-24-24	2-12 ORFS	2-12 ORFS



OR-4010

ORFS MALE x NPTF MALE

Item	Thread Size	Thread Size
OR-4010-04-02	9/16-18 ORFS	1/8 NPTF
OR-4010-04-04	9/16-18 ORFS	1/4 NPTF
OR-4010-06-04	1 1/16-16 ORFS	1/4 NPTF
OR-4010-06-06	1 1/16-16 ORFS	3/8 NPTF
OR-4010-06-08	1 1/16-16 ORFS	1/2 NPTF
OR-4010-08-06	13/16-16 ORFS	3/8 NPTF
OR-4010-08-08	13/16-16 ORFS	1/2 NPTF
OR-4010-08-12	13/16-16 ORFS	3/4 NPTF
OR-4010-10-08	1-14 ORFS	1/2 NPTF
OR-4010-12-08	1 3/16-12 ORFS	1/2 NPTF
OR-4010-12-12	1 3/16-12 ORFS	3/4 NPTF
OR-4010-16-12	1 7/16-12 ORFS	3/4 NPTF
OR-4010-16-16	1 7/16-12 ORFS	1 NPTF
OR-4010-20-20	1 11/16-12 ORFS	1 1/4 NPTF
OR-4010-24-24	2-12 ORFS	1 1/2 NPTF

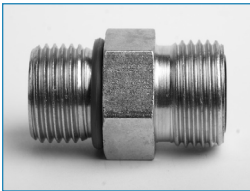


OR-4020

BULKHEAD ORFS MALE x ORFS MALE

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
OR-4020-04-04	9/16-18 ORFS	9/16-18 ORFS
OR-4020-06-06	11/16-16 ORFS	11/16-16 ORFS
OR-4020-08-08	13/16-16 ORFS	13/16-16 ORFS
OR-4020-10-10	1-14 ORFS	1-14 ORFS
OR-4020-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-4020-16-12	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-4020-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-4020-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS

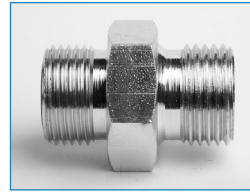


OR-4070

ORFS MALE x SAE MALE

SUPPLIED COMPLETE WITH O-RING

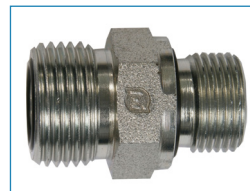
Item	Thread Size	Thread Size
OR-4070-04-04	9/16-18 ORFS	7/16-20 SAE
OR-4070-04-06	9/16-18 ORFS	9/16-20 SAE
OR-4070-04-20	9/16-18 ORFS	15/18-12 SAE
OR-4070-06-04	11/16-16 ORFS	7/16-20 SAE
OR-4070-06-06	11/16-16 ORFS	9/16-18 SAE
OR-4070-06-08	11/16-16 ORFS	3/4-16 SAE
OR-4070-06-10	11/16-16 ORFS	7/8-14 SAE
OR-4070-06-12	11/16-16 ORFS	1 1/16-12 SAE
OR-4070-08-06	13/16-16 ORFS	9/16-18 SAE
OR-4070-08-08	13/16-16 ORFS	3/4-16 SAE
OR-4070-08-10	13/16-16 ORFS	7/8-14 SAE
OR-4070-08-12	13/16-16 ORFS	1 1/16-12 SAE
OR-4070-10-06	1-14 ORFS	9/16-18 SAE
OR-4070-10-08	1-14 ORFS	3/4-16 SAE
OR-4070-10-10	1-14 ORFS	7/8-14 SAE
OR-4070-10-12	1-14 ORFS	1 1/16-12 SAE
OR-4070-12-08	1 3/16-12 ORFS	3/4-16 SAE
OR-4070-12-10	1 3/16-12 ORFS	7/8-14 SAE
OR-4070-12-12	1 3/16-12 ORFS	1 1/16-12 SAE
OR-4070-12-16	1 3/16-12 ORFS	1 5/16-12 SAE
OR-4070-16-12	1 7/16-12 ORFS	1 1/16-12 SAE
OR-4070-16-16	1 7/16-12 ORFS	1 5/16-12 SAE
OR-4070-16-20	1 7/16-12 ORFS	1 5/8-12 SAE
OR-4070-20-16	1 11/16-12 ORFS	1 5/16-12 SAE
OR-4070-20-20	1 11/16-12 ORFS	1 5/8-12 SAE
OR-4070-20-24	1 11/16-12 ORFS	1 7/8-12 SAE
OR-4070-24-24	2-12 ORFS	1 7/8-12 SAE



OR-4110

ORFS MALE x BSP MALE 60° CONE

Item	Thread Size	Thread Size
OR-4110-04-02	9/16-18 ORFS	1/8 BSP
OR-4110-04-04	9/16-18 ORFS	1/4 BSP
OR-4110-04-06	9/16-18 ORFS	3/8 BSP
OR-4110-04-08	9/16-18 ORFS	1/2 BSP
OR-4110-06-02	11/16-16 ORFS	1/8 BSP
OR-4110-06-04	11/16-16 ORFS	1/4 BSP
OR-4110-06-06	11/16-16 ORFS	3/8 BSP
OR-4110-06-08	11/16-16 ORFS	1/2 BSP
OR-4110-06-12	11/16-16 ORFS	3/4 BSP
OR-4110-08-04	13/16-12 ORFS	1/4 BSP
OR-4110-08-06	13/16-16 ORFS	3/8 BSP
OR-4110-08-08	13/16-16 ORFS	1/2 BSP
OR-4110-08-10	13/16-16 ORFS	5/8 BSP
OR-4110-08-12	13/16-12 ORFS	3/4 BSP
OR-4110-10-06	1-14 ORFS	3/8 BSP
OR-4110-10-08	1-14 ORFS	1/2 BSP
OR-4110-10-10	1-14 ORFS	5/8 BSP
OR-4110-10-12	1-14 ORFS	3/4 BSP
OR-4110-12-08	1 3/16-12 ORFS	1/2 BSP
OR-4110-12-10	1 3/16-12 ORFS	5/8 BSP
OR-4110-12-12	1 3/16-12 ORFS	3/4 BSP
OR-4110-12-16	1 3/16-12 ORFS	1 BSP
OR-4110-12-20	1 3/16-12 ORFS	1 1/4 BSP
OR-4110-16-12	1 7/16-12 ORFS	3/4 BSP
OR-4110-16-16	1 7/16-12 ORFS	1 BSP
OR-4110-16-20	1 7/16-12 ORFS	1 1/4 BSP
OR-4110-20-16	1 11/16-12 ORFS	1 BSP
OR-4110-20-20	1 11/16-12 ORFS	1 1/4 BSP
OR-4110-20-24	1 11/16-12 ORFS	1 1/2 BSP



OR-4110-ED

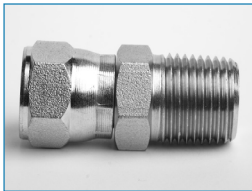
ORFS MALE x BSP MALE ED SEAL

Item	Thread Size	Thread Size
OR-4001-ED-04-02	9/16-18 ORFS	1/8 BSP ED SEAL
OR-4001-ED-04-04	9/16-18 ORFS	1/4 BSP ED SEAL
OR-4001-ED-04-06	9/16-18 ORFS	3/8 BSP ED SEAL
OR-4001-ED-04-08	9/16-18 ORFS	1/2 BSP ED SEAL
OR-4001-ED-06-02	11/16-16 ORFS	1/8 BSP ED SEAL
OR-4001-ED-06-04	11/16-16 ORFS	1/4 BSP ED SEAL
OR-4001-ED-06-06	11/16-16 ORFS	3/8 BSP ED SEAL
OR-4001-ED-06-08	11/16-16 ORFS	1/2 BSP ED SEAL
OR-4001-ED-06-12	11/16-16 ORFS	3/4 BSP ED SEAL

Continued...

Item	Thread Size	Thread Size
OR-4001-ED-08-04	13/16-12 ORFS	1/4 BSP ED SEAL
OR-4001-ED-08-06	13/16-16 ORFS	3/8 BSP ED SEAL
OR-4001-ED-08-08	13/16-16 ORFS	1/2 BSP ED SEAL
OR-4001-ED-08-10	13/16-16 ORFS	5/8 BSP ED SEAL
OR-4001-ED-08-12	13/16-12 ORFS	3/4 BSP ED SEAL
OR-4001-ED-10-06	1-14 ORFS	3/8 BSP ED SEAL
OR-4001-ED-10-08	1-14 ORFS	1/2 BSP ED SEAL
OR-4001-ED-10-10	1-14 ORFS	5/8 BSP ED SEAL
OR-4001-ED-10-12	1-14 ORFS	3/4 BSP ED SEAL
OR-4001-ED-12-08	1 3/16-12 ORFS	1/2 BSP ED SEAL
OR-4001-ED-12-10	1 3/16-12 ORFS	5/8 BSP ED SEAL
OR-4001-ED-12-12	1 3/16-12 ORFS	3/4 BSP ED SEAL
OR-4001-ED-12-16	1 3/16-12 ORFS	1 BSP ED SEAL
OR-4001-ED-12-20	1 3/16-12 ORFS	1 1/4 BSP ED SEAL
OR-4001-ED-16-12	1 7/16-12 ORFS	3/4 BSP ED SEAL
OR-4001-ED-16-16	1 7/16-12 ORFS	1 BSP ED SEAL
OR-4001-ED-16-20	1 7/16-12 ORFS	1 1/4 BSP ED SEAL
OR-4001-ED-20-16	1 11/16-12 ORFS	1 BSP ED SEAL
OR-4001-ED-20-20	1 11/16-12 ORFS	1 1/4 BSP ED SEAL
OR-4001-ED-20-24	1 11/16-12 ORFS	1 1/2 BSP ED SEAL

MALE FEMALE SWIVEL ADAPTORS



37-4030

JIC FEMALE SWIVEL x NPTF MALE

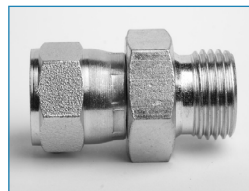
Item	Thread Size	Thread Size
37-4030-04-02	7/16-20 JIC	1/8 NPTF
37-4030-04-04	7/16-20 JIC	1/4 NPTF
37-4030-04-06	7/16-20 JIC	3/8 NPTF
37-4030-05-04	1/2-20 JIC	1/4 NPTF
37-4030-06-04	9/16-18 JIC	1/4 NPTF
37-4030-06-06	9/16-18 JIC	3/8 NPTF
37-4030-08-04	3/4-16 JIC	1/4 NPTF
37-4030-08-06	3/4-16 JIC	3/8 NPTF
37-4030-08-08	3/4-16 JIC	1/2 NPTF
37-4030-10-06	7/8-14 JIC	3/8 NPTF
37-4030-10-08	7/8-14 JIC	1/2 NPTF
37-4030-12-08	1 1/16-12 JIC	1/2 NPTF
37-4030-12-12	1 1/16-12 JIC	3/4 NPTF
37-4030-16-16	1 5/16-12 JIC	1 NPTF
37-4030-20-20	1 5/8-12 JIC	1 1/4 NPTF
37-4030-24-24	1 7/8-12 JIC	1 1/2 NPTF
37-4030-32-32	2 1/2-12 JIC	2 NPTF



37-4091

JIC MALE x JIC FEMALE SWIVEL

Item	Thread Size	Thread Size
37-4091-04-04	7/16-20 JIC	7/16-20 JIC
37-4091-04-06	7/16-20 JIC	9/16-18 JIC
37-4091-04-08	7/16-20 JIC	3/4-16 JIC
37-4091-05-05	1/2-20 JIC	1/2-20 JIC
37-4091-05-06	1/2-20 JIC	9/16-18 JIC
37-4091-06-04	9/16-18 JIC	7/16-20 JIC
37-4091-06-05	9/16-18 JIC	1/2-20 JIC
37-4091-06-06	9/16-18 JIC	9/16-18 JIC
37-4091-06-08	9/16-18 JIC	3/4-16 JIC
37-4091-08-04	3/4-16 JIC	7/16-20 JIC
37-4091-08-06	3/4-16 JIC	9/16-18 JIC
37-4091-08-08	3/4-16 JIC	3/4-16 JIC
37-4091-08-10	3/4-16 JIC	7/8-14 JIC
37-4091-08-12	3/4-16 JIC	1 1/16-12 JIC
37-4091-10-08	7/8-14 JIC	3/4-16 JIC
37-4091-10-10	7/8-14 JIC	7/8-14 JIC
37-4091-10-12	7/8-14 JIC	1 1/16-12 JIC
37-4091-12-08	1 1/16-12 JIC	3/4-16 JIC
37-4091-12-10	1 1/16-12 JIC	7/8-14 JIC
37-4091-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-4091-12-16	1 1/16-12 JIC	1 5/16-12 JIC
37-4091-14-14	1 3/16-12 JIC	1 3/16-12 JIC
37-4091-16-12	1 5/16-12 JIC	1 1/16-12 JIC
37-4091-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-4091-16-20	1 5/16-12 JIC	1 5/8-12 JIC
37-4091-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-4091-24-24	1 7/8-12 JIC	1 7/8-12 JIC
37-4091-32-32	2 1/2-12 JIC	2 1/2-12 JIC



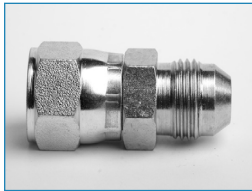
37-4130

JIC FEMALE SWIVEL x BSP MALE 60°
CONE

Item	Thread Size	Thread Size
37-4130-04-02	7/16-20 JIC	1/8 BSP
37-4130-04-04	7/16-20 JIC	1/4 BSP
37-4130-04-06	7/16-20 JIC	3/8 BSP
37-4130-04-08	7/16-20 JIC	1/2 BSP
37-4130-05-04	1/2-20 JIC	1/4 BSP
37-4130-05-06	1/2-20 JIC	1/2 BSP
37-4130-05-08	1/2-20 JIC	3/8 BSP
37-4130-06-04	9/16-18 JIC	1/4 BSP
37-4130-06-06	9/16-18 JIC	3/8 BSP

Continued...

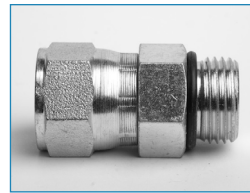
Item	Thread Size	Thread Size
37-4130-06-08	9/16-18 JIC	1/2 BSP
37-4130-08-04	3/4-16 JIC	1/4 BSP
37-4130-08-06	3/4-16 JIC	3/8 BSP
37-4130-08-08	3/4-16 JIC	1/2 BSP
37-4130-08-12	3/4-16 JIC	3/4 BSP
37-4130-10-04	7/8-14 JIC	1/4 BSP
37-4130-10-06	7/8-14 JIC	3/8 BSP
37-4130-10-08	7/8-14 JIC	1/2 BSP
37-4130-10-10	7/8-14 JIC	5/8 BSP
37-4130-10-12	7/8-14 JIC	3/4 BSP
37-4130-12-06	1 1/16-12 JIC	3/8 BSP
37-4130-12-08	1 1/16-12 JIC	1/2 BSP
37-4130-12-12	1 1/16-12 JIC	3/4 BSP
37-4130-12-16	1 1/16-12 JIC	1 BSP
37-4130-14-12	1 3/16-12 JIC	3/4 BSP
37-4130-16-12	1 5/16-12 JIC	3/4 BSP
37-4130-16-16	1 5/16-12 JIC	1 BSP
37-4130-16-20	1 5/16-12 JIC	1 1/4 BSP
37-4130-20-16	1 5/8-12 JIC	1 BSP
37-4130-20-20	1 5/8-12 JIC	1 1/4 BSP
37-4130-20-24	1 5/8-12 JIC	1 1/2 BSP
37-4130-24-20	1 7/8-12 JIC	1 1/4 BSP
37-4130-24-24	1 7/8-12 JIC	1 1/2 BSP
37-4130-32-32	2 1/2-12 JIC	2 BSP



37-4140

JIC MALE x BSP FEMALE SWIVEL

Item	Thread Size	Thread Size
37-4140-04-02	7/16-20 JIC	1/8 BSP
37-4140-04-04	7/16-20 JIC	1/4 BSP
37-4140-04-06	7/16-20 JIC	3/8 BSP
37-4140-04-08	7/16-20 JIC	1/2 BSP
37-4140-05-04	1/2-20 JIC	1/4 BSP
37-4140-05-06	1/2-20 JIC	3/8 BSP
37-4140-05-08	1/2-20 JIC	1/2 BSP
37-4140-06-04	9/16-18 JIC	1/4 BSP
37-4140-06-06	9/16-18 JIC	3/8 BSP
37-4140-06-08	9/16-18 JIC	1/2 BSP
37-4140-08-06	3/4-16 JIC	3/8 BSP
37-4140-08-08	3/4-16 JIC	1/2 BSP
37-4140-08-12	3/4-16 JIC	3/4 BSP
37-4140-10-06	7/8-14 JIC	3/8 BSP
37-4140-10-08	7/8-14 JIC	1/2 BSP
37-4140-10-10	7/8-14 JIC	5/8 BSP
37-4140-10-12	7/8-14 JIC	3/4 BSP
37-4140-12-08	1 1/16-12 JIC	1/2 BSP
37-4140-12-12	1 1/16-12 JIC	3/4 BSP
37-4140-12-16	1 1/16-12 JIC	1 BSP
37-4140-16-12	1 5/16-12 JIC	3/4 BSP
37-4140-16-16	1 5/16-12 JIC	1 BSP
37-4140-20-20	1 5/8-12 JIC	1 1/4 BSP
37-4140-24-24	1 7/8-12 JIC	1 1/2 BSP
37-4140-32-32	2 1/2-12 JIC	2 BSP

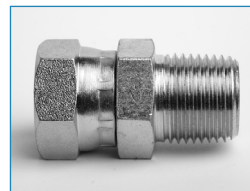


37-4190

JIC FEMALE SWIVEL x SAE MALE

SUPPLIED COMPLETE WITH O-RING

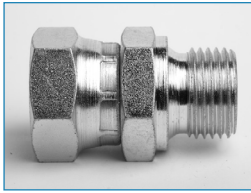
Item	Thread Size	Thread Size
37-4190-04-04	7/16-20 JIC	7/16-20 SAE
37-4190-06-06	9/16-18 JIC	9/16-18 SAE
37-4190-08-08	3/4-16 JIC	3/4-16 SAE
37-4190-10-10	7/8-14 JIC	7/8-14 SAE
37-4190-10-12	7/8-14 JIC	1 1/16-12 SAE
37-4190-12-10	1 1/16-12 JIC	7/8-14 SAE
37-4190-12-12	1 1/16-12 JIC	1 1/16-12 SAE
37-4190-16-16	1 5/16-12 JIC	1 5/16-12 SAE
37-4190-20-20	1 5/8-12 JIC	1 5/8-12 SAE
37-4190-24-24	1 7/8-12 JIC	1 7/8-12 SAE
37-4190-32-32	2 1/2-12 JIC	2 1/2-12 SAE



37-6404

NPTF MALE x NPSM FEMALE SWIVEL

Item	Thread Size	Thread Size
37-6404-02-02	1/8 NPTF	1/8 NPSM
37-6404-02-04	1/8 NPTF	1/4 NPSM
37-6404-04-04	1/4 NPTF	1/4 NPSM
37-6404-04-06	1/4 NPTF	3/8 NPSM
37-6404-06-04	3/8 NPTF	1/4 NPSM
37-6404-06-06	3/8 NPTF	3/8 NPSM
37-6404-06-08	3/8 NPTF	1/2 NPSM
37-6404-08-06	1/2 NPTF	3/8 NPSM
37-6404-08-08	1/2 NPTF	1/2 NPSM
37-6404-08-12	1/2 NPTF	3/4 NPSM
37-6404-12-08	3/4 NPTF	1/2 NPSM
37-6404-12-12	3/4 NPTF	3/4 NPSM
37-6404-12-16	3/4 NPTF	1 NPSM
37-6404-16-12	1 NPTF	3/4 NPSM
37-6404-16-16	1 NPTF	1 NPSM
37-6404-20-20	1 1/4 NPTF	1 1/4 NPSM
37-6404-24-24	1 1/2 NPTF	1 1/2 NPSM
37-6404-32-32	2 NPTF	2 NPSM



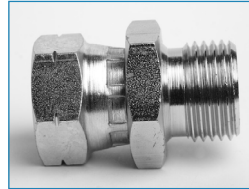
60-6007-DIN

BSP MALE x DIN FEMALE SWIVEL ADAPTORS

Item	Thread Size	Thread Size
60-6007-DIN-02-02	1/8 BSP	1/8 BSP
60-6007-DIN-02-04	1/8 BSP	1/4 BSP
60-6007-DIN-02-06	1/8 BSP	3/8 BSP
60-6007-DIN-04-02	1/4 BSP	1/8 BSP
60-6007-DIN-04-04	1/4 BSP	1/4 BSP
60-6007-DIN-04-06	1/4 BSP	3/8 BSP
60-6007-DIN-04-08	1/4 BSP	1/2 BSP
60-6007-DIN-04-12	1/4 BSP	3/4 BSP
60-6007-DIN-06-02	3/8 BSP	1/8 BSP
60-6007-DIN-06-04	3/8 BSP	1/4 BSP
60-6007-DIN-06-06	3/8 BSP	3/8 BSP
60-6007-DIN-06-08	3/8 BSP	1/2 BSP
60-6007-DIN-06-10	3/8 BSP	5/8 BSP
60-6007-DIN-06-12	3/8 BSP	3/4 BSP
60-6007-DIN-06-16	3/8 BSP	1 BSP
60-6007-DIN-08-04	1/2 BSP	1/4 BSP
60-6007-DIN-08-06	1/2 BSP	3/8 BSP
60-6007-DIN-08-08	1/2 BSP	1/2 BSP
60-6007-DIN-08-10	1/2 BSP	5/8 BSP
60-6007-DIN-08-12	1/2 BSP	3/4 BSP
60-6007-DIN-08-16	1/2 BSP	1 BSP
60-6007-DIN-10-04	5/8 BSP	1/4 BSP
60-6007-DIN-10-06	5/8 BSP	3/8 BSP
60-6007-DIN-10-08	5/8 BSP	1/2 BSP
60-6007-DIN-10-10	5/8 BSP	5/8 BSP
60-6007-DIN-10-12	5/8 BSP	3/4 BSP
60-6007-DIN-12-04	3/4 BSP	1/4 BSP
60-6007-DIN-12-06	3/4 BSP	3/8 BSP
60-6007-DIN-12-08	3/4 BSP	1/2 BSP
60-6007-DIN-12-10	3/4 BSP	5/8 BSP
60-6007-DIN-12-12	3/4 BSP	3/4 BSP
60-6007-DIN-12-16	3/4 BSP	1 BSP
60-6007-DIN-12-20	3/4 BSP	1 1/4 BSP
60-6007-DIN-12-24	3/4 BSP	1 1/2 BSP
60-6007-DIN-16-06	1 BSP	3/8 BSP
60-6007-DIN-16-08	1 BSP	1/2 BSP
60-6007-DIN-16-10	1 BSP	5/8 BSP
60-6007-DIN-16-12	1 BSP	3/4 BSP
60-6007-DIN-16-16	1 BSP	1 BSP
60-6007-DIN-16-20	1 BSP	1 1/4 BSP
60-6007-DIN-16-24	1 BSP	1 1/2 BSP
60-6007-DIN-16-32	1 BSP	2 BSP
60-6007-DIN-20-08	1 1/4 BSP	1/2 BSP
60-6007-DIN-20-12	1 1/4 BSP	3/4 BSP
60-6007-DIN-20-16	1 1/4 BSP	1 BSP
60-6007-DIN-20-20	1 1/4 BSP	1 1/4 BSP

Continued...

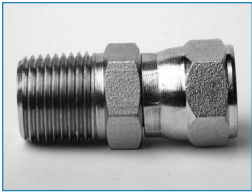
Item	Thread Size	Thread Size
60-6007-DIN-20-24	1 1/4 BSP	1 1/2 BSP
60-6007-DIN-20-32	1 1/4 BSP	2 BSP
60-6007-DIN-24-16	1 1/2 BSP	1 BSP
60-6007-DIN-24-20	1 1/2 BSP	1 1/4 BSP
60-6007-DIN-24-24	1 1/2 BSP	1 1/2 BSP
60-6007-DIN-24-32	1 1/2 BSP	2 BSP
60-6007-DIN-32-16	2 BSP	1 BSP
60-6007-DIN-32-20	2 BSP	1 1/4 BSP
60-6007-DIN-32-24	2 BSP	1 1/2 BSP
60-6007-DIN-32-32	2 BSP	2 BSP



60-6025

BSP MALE x METRIC FEMALE SWIVEL

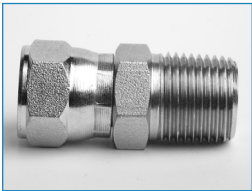
Item	Thread Size	Thread Size
60-6025-04-12	1/4 BSP	12 MM X 1.5
60-6025-04-14	1/4 BSP	14 MM X 1.5
60-6025-04-16	1/4 BSP	16 MM X 1.5
60-6025-04-18	1/4 BSP	18 MM X 1.5
60-6025-06-12	3/8 BSP	12 MM X 1.5
60-6025-06-14	3/8 BSP	14 MM X 1.5
60-6025-06-16	3/8 BSP	16 MM X 1.5
60-6025-06-18	3/8 BSP	18 MM X 1.5
60-6025-06-20	3/8 BSP	20 MM X 1.5
60-6025-06-22	3/8 BSP	22 MM X 1.5
60-6025-06-26	3/8 BSP	26 MM X 1.5
60-6025-06-30	3/8 BSP	30 MM X 1.5
60-6025-08-14	1/2 BSP	14 MM X 1.5
60-6025-08-16	1/2 BSP	16 MM X 1.5
60-6025-08-18	1/2 BSP	18 MM X 1.5
60-6025-08-20	1/2 BSP	20 MM X 1.5
60-6025-08-22	1/2 BSP	22 MM X 1.5
60-6025-08-24	1/2 BSP	24 MM X 1.5
60-6025-08-26	1/2 BSP	26 MM X 1.5
60-6025-08-30	1/2 BSP	30 MM X 1.5
60-6025-10-22	5/8 BSP	22 MM X 1.5
60-6025-12-16	3/4 BSP	16 MM X 1.5
60-6025-12-18	3/4 BSP	18 MM X 1.5
60-6025-12-20	3/4 BSP	20 MM X 1.5
60-6025-12-22	3/4 BSP	22 MM X 1.5
60-6025-12-26	3/4 BSP	26 MM X 1.5



60-6028

NPTF MALE X BSP FEMALE SWIVEL

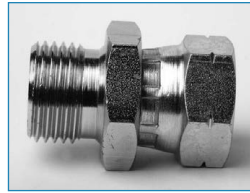
Item	Thread Size	Thread Size
60-6028-02-02	1/8 NPTF	1/8 BSP
60-6028-04-04	1/4 NPTF	1/4 BSP
60-6028-04-06	1/4 NPTF	3/8 BSP
60-6028-06-04	3/8 NPTF	1/4 BSP
60-6028-06-06	3/8 NPTF	3/8 BSP
60-6028-06-08	3/8 NPTF	1/2 BSP
60-6028-08-06	1/2 NPTF	3/8 BSP
60-6028-08-08	1/2 NPTF	1/2 BSP
60-6028-08-12	1/2 NPTF	3/4 BSP
60-6028-12-08	3/4 NPTF	1/2 BSP
60-6028-12-12	3/4 NPTF	3/4 BSP
60-6028-16-12	1 NPTF	3/4 BSP
60-6028-16-16	1 NPTF	1 BSP
60-6028-20-20	1 1/4 NPTF	1 1/4 BSP
60-6028-24-24	1 1/2 NPTF	1 1/2 BSP
60-6028-32-32	2 NPTF	2 BSP



60-6041

BSPT MALE X BSP SWIVEL FEMALE

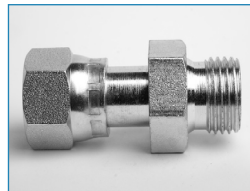
Item	Thread Size	Thread Size
60-6041-02-02	1/8 BSPT	1/8 BSP
60-6041-04-04	1/4 BSPT	1/4 BSP
60-6041-06-06	3/8 BSPT	3/8 BSP
60-6041-06-08	3/8 BSPT	1/2 BSP
60-6041-08-06	1/2 BSPT	3/8 BSP
60-6041-08-08	1/2 BSPT	1/2 BSP
60-6041-10-10	5/8 BSPT	5/8 BSP
60-6041-12-08	3/4 BSPT	1/2 BSP
60-6041-12-12	3/4 BSPT	3/4 BSP
60-6041-12-16	3/4 BSPT	1 BSP
60-6041-16-12	1 BSPT	3/4 BSP
60-6041-16-16	1 BSPT	1 BSP
60-6041-20-20	1 1/4 BSPT	1 1/4 BSP
60-6041-24-24	1 1/2 BSPT	1 1/2 BSP
60-6041-32-24	2 BSPT	1 1/2 BSP
60-6041-32-32	2 BSPT	2 BSP



60-6049

METRIC MALE x METRIC SWIVEL FEMALE

Item	Thread Size	Thread Size
60-6049-12-12	12 MM X 1.5	12 MM X 1.5
60-6049-14-14	14 MM X 1.5	14 MM X 1.5
60-6049-16-16	16 MM X 1.5	16 MM X 1.5
60-6049-16-18	16 MM X 1.5	16 MM X 1.5
60-6049-18-16	18 MM X 1.5	18 MM X 1.5
60-6049-18-18	18 MM X 1.5	18 MM X 1.5
60-6049-18-20	18 MM X 1.5	18 MM X 1.5
60-6049-18-22	18 MM X 1.5	18 MM X 1.5
60-6049-20-18	20 MM X 1.5	20 MM X 1.5
60-6049-20-20	20 MM X 1.5	20 MM X 1.5
60-6049-20-22	20 MM X 1.5	20 MM X 1.5
60-6049-22-18	22 MM X 1.5	22 MM X 1.5
60-6049-22-20	22 MM X 1.5	22 MM X 1.5
60-6049-22-22	22 MM X 1.5	22 MM X 1.5

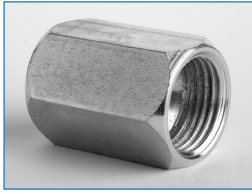


OR-4130

ORFS FEMALE SWIVEL x BSP MALE 60° CONE

Item	Thread Size	Thread Size
OR-4130-04-02	9/16-18 ORFS	1/8 BSP
OR-4130-04-04	9/16-18 ORFS	1/4 BSP
OR-4130-04-06	9/16-18 ORFS	3/8 BSP
OR-4130-06-04	11/16-16 ORFS	1/4 BSP
OR-4130-06-06	11/16-16 ORFS	3/8 BSP
OR-4130-08-06	13/16-16 ORFS	3/8 BSP
OR-4130-08-08	13/16-16 ORFS	1/2 BSP
OR-4130-08-12	13/16-16 ORFS	3/4 BSP
OR-4130-10-08	1-14 ORFS	1/2 BSP
OR-4130-10-10	1-14 ORFS	5/8 BSP
OR-4130-10-12	1-14 ORFS	3/4 BSP
OR-4130-12-08	1 3/16-12 ORFS	1/2 BSP
OR-4130-12-12	1 3/16-12 ORFS	3/4 BSP
OR-4130-16-12	1 7/16-12 ORFS	3/4 BSP
OR-4130-16-16	1 7/16-12 ORFS	1 BSP
OR-4130-20-16	1 11/16-12 ORFS	1 BSP
OR-4130-20-20	1 11/16-12 ORFS	1 1/4 BSP
OR-4130-24-24	2-12 ORFS	1 1/2 BSP

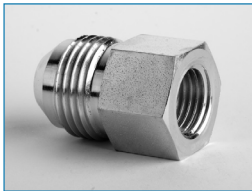
GAUGE AND TEST POINT CONNECTORS



37-4150

JIC FEMALE x BSP FEMALE FOR TEST
POINT

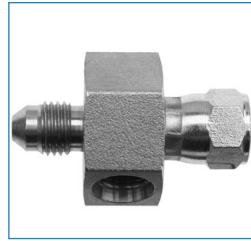
Item	Thread Size	Thread Size
37-4150-04-04	7/16-20 JIC	1/4 BSP
37-4150-06-04	9/16-18 JIC	1/4 BSP
37-4150-08-04	3/4-16 JIC	1/4 BSP
37-4150-10-04	7/8-14 JIC	1/4 BSP
37-4150-12-04	1 1/16-12 JIC	1/4 BSP
37-4150-16-04	1 5/16-12 JIC	1/4 BSP
37-4150-20-04	1 5/8-12 JIC	1/4 BSP
37-4150-24-04	1 7/8-12 JIC	1/4 BSP



37-4160

JIC MALE x BSP FEMALE GAUGE

Item	Thread Size	Thread Size
37-4160-04-04	7/16-20 JIC	1/4 BSP
37-4160-05-04	1/2-20 JIC	1/4 BSP
37-4160-06-04	9/16-18 JIC	1/4 BSP
37-4160-08-04	3/4-16 JIC	1/4 BSP



37-SNA

JIC MALE x JIC FEMALE SWIVEL TEST
POINT ADAPTORS

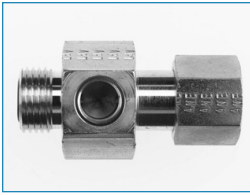
Item	Thread Size	Part No	Thread Size
37-SNA-04-04-02	7/16-20 JIC	7/16-20 JIC	1/8 BSP
37-SNA-06-06-02	9/16-18 JIC	9/16-18 JIC	1/8 BSP
37-SNA-08-08-02	3/4-16 JIC	3/4-16 JIC	1/8 BSP
37-SNA-10-10-02	7/8-14 JIC	7/8-14 JIC	1/8 BSP
37-SNA-12-12-02	1 1/16-12 JIC	1 1/16-12 JIC	1/8 BSP
37-SNA-16-16-02	1 5/16-12 JIC	1 5/16-12 JIC	1/8 BSP
37-SNA-20-20-02	1 5/8-12 JIC	1 5/8-12 JIC	1/8 BSP
37-SNA-24-24-02	1 7/8-12 JIC	1 7/8-12 JIC	1/8 BSP



60-6023

BSP MALE x BSP FEMALE GAUGE

Item	Thread Size	Thread Size
60-6023-02-02	1/8 BSP	1/8 BSP
60-6023-02-04	1/8 BSP	1/4 BSP
60-6023-04-04	1/4 BSP	1/4 BSP
60-6023-04-06	1/4 BSP	3/8 BSP
60-6023-04-08	1/4 BSP	1/2 BSP
60-6023-06-04	3/8 BSP	1/4 BSP
60-6023-06-06	3/8 BSP	3/8 BSP
60-6023-06-08	3/8 BSP	1/2 BSP
60-6023-08-04	1/2 BSP	1/4 BSP
60-6023-08-06	1/2 BSP	3/8 BSP
60-6023-08-08	1/2 BSP	1/2 BSP

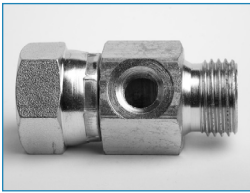


OR-SNA

ORFS MALE x ORFS FEMALE SWIVEL TEST POINT ADAPTORS

SUPPLIED COMPLETE WITH SEALING RINGS FITTED

Item	Thread Size	Part No	Thread Size
OR-SNA-04-04-02	9/16-18 ORFS	9/16-18 ORFS	1/8 BSP
OR-SNA-06-06-02	11/16-16 ORFS	11/16-16 ORFS	1/8 BSP
OR-SNA-08-08-02	13/16-16 ORFS	13/16-ORFS	1/8 BSP
OR-SNA-10-10-02	1-14 ORFS	1-14 ORFS	1/8 BSP
OR-SNA-12-12-02	1 3/16-12 ORFS	1 3/16-12 ORFS	1/8 BSP
OR-SNA-16-16-02	1 7/16-12 ORFS	1 7/16-12 ORFS	1/8 BSP



SNA

BSP MALE x BSP FEMALE SWIVEL TEST POINT ADAPTORS

Item	Thread Size	Part No	Thread Size
SNA-04-04-02	1/4 BSP	1/4 BSP	1/8 BSP
SNA-06-06-02	3/8 BSP	3/8 BSP	1/8 BSP
SNA-08-08-02	1/2 BSP	1/2 BSP	1/8 BSP
SNA-12-12-02	3/4 BSP	3/4 BSP	1/8 BSP
SNA-12-12-04	3/4 BSP	3/4 BSP	1/4 BSP
SNA-16-16-02	1 BSP	1 BSP	1/8 BSP
SNA-16-16-04	1 BSP	1 BSP	1/4 BSP
SNA-20-20-02	1 1/4 BSP	1 1/4 BSP	1/8 BSP

FEMALE SWIVEL X FEMALE SWIVEL ADAPTORS



37-6021

JIC FEMALE SWIVEL x JIC FEMALE SWIVEL

Item	Thread Size	Thread Size
37-6021-04-04	7/16-20 JIC	7/16-20 JIC
37-6021-05-04	1/2-20 JIC	7/16-20 JIC
37-6021-05-05	1/2-20 JIC	1/2-20 JIC
37-6021-06-04	9/16-18 JIC	7/16-20 JIC
37-6021-06-05	9/16-18 JIC	1/2-20 JIC
37-6021-06-06	9/16-18 JIC	9/16-18 JIC
37-6021-08-06	3/4-16 JIC	9/16-18 JIC
37-6021-08-08	3/4-16 JIC	3/4-16 JIC
37-6021-10-06	7/8-14 JIC	9/16-18 JIC
37-6021-10-08	7/8-14 JIC	3/4-16 JIC
37-6021-10-10	7/8-14 JIC	7/8-14 JIC
37-6021-12-08	1 1/16-12 JIC	3/4-16 JIC
37-6021-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-6021-14-14	1 3/16-12 JIC	1 3/16-12 JIC
37-6021-16-12	1 5/16-12 JIC	1 1/16-12 JIC
37-6021-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-6021-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-6021-24-24	1 7/8-12 JIC	1 7/8-12 JIC
37-6021-32-32	2 1/2-12 JIC	2 1/2-12 JIC



60-6008

BSP FEMALE SWIVEL x BSP FEMALE SWIVEL

Item	Thread Size	Thread Size
60-6008-02-02	1/8 BSP	1/8 BSP
60-6008-04-02	1/4 BSP	1/8 BSP
60-6008-04-04	1/4 BSP	1/4 BSP
60-6008-06-02	3/8 BSP	1/8 BSP
60-6008-06-04	3/8 BSP	1/4 BSP
60-6008-06-06	3/8 BSP	3/8 BSP
60-6008-08-02	1/2 BSP	1/8 BSP
60-6008-08-04	1/2 BSP	1/4 BSP
60-6008-08-06	1/2 BSP	3/8 BSP
60-6008-08-08	1/2 BSP	1/2 BSP

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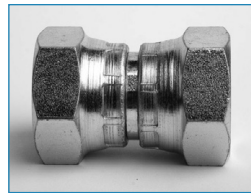
Item	Thread Size	Thread Size
60-6008-10-02	5/8 BSP	1/8 BSP
60-6008-10-04	5/8 BSP	1/4 BSP
60-6008-10-06	5/8 BSP	3/8 BSP
60-6008-10-08	5/8 BSP	1/2 BSP
60-6008-10-10	5/8 BSP	5/8 BSP
60-6008-12-02	3/4 BSP	1/8 BSP
60-6008-12-04	3/4 BSP	1/4 BSP
60-6008-12-06	3/4 BSP	3/8 BSP
60-6008-12-08	3/4 BSP	1/2 BSP
60-6008-12-10	3/4 BSP	5/8 BSP
60-6008-12-12	3/4 BSP	3/4 BSP
60-6008-16-04	1 BSP	1/4 BSP
60-6008-16-06	1 BSP	3/8 BSP
60-6008-16-08	1 BSP	1/2 BSP
60-6008-16-10	1 BSP	5/8 BSP
60-6008-16-12	1 BSP	3/4 BSP
60-6008-16-16	1 BSP	1 BSP
60-6008-20-08	1 1/4 BSP	1/2 BSP
60-6008-20-10	1 1/4 BSP	5/8 BSP
60-6008-20-12	1 1/4 BSP	3/4 BSP
60-6008-20-16	1 1/4 BSP	1 BSP
60-6008-20-20	1 1/4 BSP	1 1/4 BSP
60-6008-24-12	1 1/2 BSP	3/4 BSP
60-6008-24-16	1 1/2 BSP	1 BSP
60-6008-24-20	1 1/2 BSP	1 1/4 BSP
60-6008-24-24	1 1/2 BSP	1 1/2 BSP
60-6008-32-20	2 BSP	1 1/4 BSP
60-6008-32-24	2 BSP	1 1/2 BSP
60-6008-32-32	2 BSP	2 BSP



60-6027

BSP FEMALE SWIVEL x JIC FEMALE SWIVEL

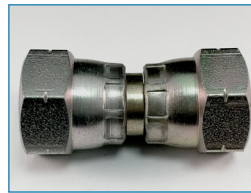
Item	Thread Size	Thread Size
60-6027-04-04	1/4 BSP	7/16-20 JIC
60-6027-04-05	1/4 BSP	1/2-20 JIC
60-6027-04-06	1/4 BSP	9/16-20 JIC
60-6027-06-04	3/8 BSP	7/16-20 JIC
60-6027-06-06	3/8 BSP	9/16-18 JIC
60-6027-06-08	3/8 BSP	3/4-16 JIC
60-6027-08-06	1/2 BSP	9/16-18 JIC
60-6027-08-08	1/2 BSP	3/4-16 JIC
60-6027-08-10	1/2 BSP	7/8-14 JIC
60-6027-12-08	3/4 BSP	3/4-16 JIC
60-6027-12-12	3/4 BSP	1 1/16-12 JIC
60-6027-20-20	1 1/4 BSP	1 5/8-12 JIC
60-6027-24-24	1 1/2 BSP	1 7/8-12 JIC



60-6046

BSP FEMALE SWIVEL x METRIC FEMALE SWIVEL 1.5MM

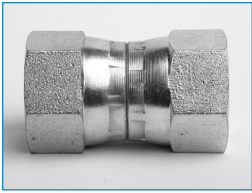
Item	Thread Size	Thread Size
60-6046-04-12	1/4 BSP	12 MM X 1.5
60-6046-04-14	1/4 BSP	14 MM X 1.5
60-6046-06-12	3/8 BSP	12 MM X 1.5
60-6046-06-14	3/8 BSP	14 MM X 1.5
60-6046-06-16	3/8 BSP	16 MM X 1.5
60-6046-06-18	3/8 BSP	18 MM X 1.5
60-6046-06-20	3/8 BSP	20 MM X 1.5
60-6046-06-22	3/8 BSP	22 MM X 1.5
60-6046-08-16	1/2 BSP	16 MM X 1.5
60-6046-08-18	1/2 BSP	18 MM X 1.5
60-6046-08-20	1/2 BSP	20 MM X 1.5
60-6046-08-22	1/2 BSP	22 MM X 1.5
60-6046-10-18	5/8 BSP	18 MM X 1.5



60-6102

METRIC FEMALE SWIVEL x METRIC FEMALE SWIVEL 1.5 MM

Item	Thread Size	Thread Size
60-6102-12-12	12 MM X 1.5 MM	12 MM X 1.5 MM
60-6102-12-14	12 MM X 1.5 MM	14 MM X 1.5 MM
60-6102-14-14	14 MM X 1.5 MM	14 MM X 1.5 MM
60-6102-16-16	16 MM X 1.5 MM	16 MM X 1.5 MM
60-6102-16-18	16 MM X 1.5 MM	18 MM X 1.5 MM
60-6102-18-18	18 MM X 1.5 MM	18 MM X 1.5 MM
60-6102-18-20	18 MM X 1.5 MM	20 MM X 1.5 MM
60-6102-18-22	18 MM X 1.5 MM	22 MM X 1.5 MM
60-6102-20-20	20 MM X 1.5 MM	20 MM X 1.5 MM
60-6102-20-22	20 MM X 1.5 MM	22 MM X 1.5 MM
60-6102-22-22	22 MM X 1.5 MM	22 MM X 1.5 MM



OR-6021

ORFS FEMALE SWIVEL x ORFS FEMALE SWIVEL

Item	Thread Size	Thread Size
OR-6021-04-04	9/16-18 ORFS	9/16-18 ORFS
OR-6021-06-06	11/16-16 ORFS	11/16-16 ORFS
OR-6021-08-08	13/16-16 ORFS	13/16-16 ORFS
OR-6021-10-10	1-14 ORFS	1-14 ORFS
OR-6021-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-6021-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-6021-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS
OR-6021-24-24	2-12 ORFS	2-12 ORFS

FEMALE FIXED BARREL



50-5000

NPTF FIXED FEMALE BARREL

Item	Thread Size	Thread Size
50-5000-02-02	1/8 NPTF	1/8 NPTF
50-5000-04-02	1/4 NPTF	1/8 NPTF
50-5000-04-04	1/4 NPTF	1/4 NPTF
50-5000-06-02	3/8 NPTF	1/8 NPTF
50-5000-06-04	3/8 NPTF	1/4 NPTF
50-5000-06-06	3/8 NPTF	3/8 NPTF
50-5000-08-02	1/2 NPTF	1/8 NPTF
50-5000-08-04	1/2 NPTF	1/4 NPTF
50-5000-08-06	1/2 NPTF	3/8 NPTF
50-5000-08-08	1/2 NPTF	1/2 NPTF
50-5000-12-04	3/4 NPTF	1/4 NPTF
50-5000-12-06	3/4 NPTF	3/8 NPTF
50-5000-12-08	3/4 NPTF	1/2 NPTF
50-5000-12-12	3/4 NPTF	3/4 NPTF
50-5000-16-06	1 NPTF	3/8 NPTF
50-5000-16-08	1 NPTF	1/2 NPTF

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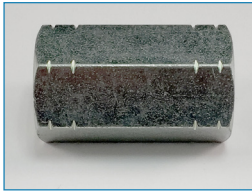
Item	Thread Size	Thread Size
50-5000-16-12	1 NPTF	3/4 NPTF
50-5000-16-16	1 NPTF	1 NPTF
50-5000-20-16	1 1/4 NPTF	1 NPTF
50-5000-20-20	1 1/4 NPTF	1 1/4 NPTF
50-5000-24-16	1 1/2 NPTF	1 NPTF
50-5000-24-20	1 1/2 NPTF	1 1/4 NPTF
50-5000-24-24	1 1/2 NPTF	1 1/2 NPTF
50-5000-32-20	2 NPTF	1 1/4 NPTF
50-5000-32-24	2 NPTF	1 1/2 NPTF
50-5000-32-32	2 NPTF	2 NPTF
50-5000-40-40	2 1/2 NPTF	2 1/2 NPTF



60-6022

BSP FIXED FEMALE BARREL

Item	Thread Size	Thread Size
60-6022-02-02	1/8 BSP	1/8 BSP
60-6022-02-04	1/8 BSP	1/4 BSP
60-6022-02-06	1/8 BSP	3/8 BSP
60-6022-02-08	1/8 BSP	1/2 BSP
60-6022-04-04	1/4 BSP	1/4 BSP
60-6022-04-06	1/4 BSP	3/8 BSP
60-6022-04-08	1/4 BSP	1/2 BSP
60-6022-06-06	3/8 BSP	3/8 BSP
60-6022-06-08	3/8 BSP	1/2 BSP
60-6022-06-12	3/8 BSP	3/4 BSP
60-6022-06-16	3/8 BSP	1 BSP
60-6022-08-08	1/2 BSP	1/2 BSP
60-6022-08-10	1/2 BSP	5/8 BSP
60-6022-08-12	1/2 BSP	3/4 BSP
60-6022-08-16	1/2 BSP	1 BSP
60-6022-10-10	5/8 BSP	5/8 BSP
60-6022-10-12	5/8 BSP	3/4 BSP
60-6022-12-12	3/4 BSP	3/4 BSP
60-6022-12-16	3/4 BSP	1 BSP
60-6022-12-20	3/4 BSP	1 1/4 BSP
60-6022-16-16	1 BSP	1 BSP
60-6022-16-20	1 BSP	1 1/4 BSP
60-6022-16-24	1 BSP	1 1/2 BSP
60-6022-20-20	1 1/4 BSP	1 1/4 BSP
60-6022-20-24	1 1/4 BSP	1 1/2 BSP
60-6022-24-24	1 1/2 BSP	1 1/2 BSP
60-6022-32-24	2 BSP	1 1/2 BSP
60-6022-32-32	2 BSP	2 BSP



60-6117

BSPT FIXED FEMALE BARREL

Item	Thread Size	Thread Size
60-6117-02-02	1/8 BSPT	1/8 BSPT
60-6117-04-02	1/4 BSPT	1/8 BSPT
60-6117-04-04	1/4 BSPT	1/4 BSPT
60-6117-06-02	3/8 BSPT	1/8 BSPT
60-6117-06-04	3/8 NPTF	1/4 BSPT
60-6117-06-06	3/8 BSPT	3/8 BSPT
60-6117-08-04	1/2 BSPT	1/4 BSPT
60-6117-08-06	1/2 BSPT	3/8 BSPT
60-6117-08-08	1/2 BSPT	1/2 BSPT
60-6117-12-06	3/4 BSPT	3/8 BSPT
60-6117-12-08	3/4 BSPT	1/2 BSPT
60-6117-12-12	3/4 BSPT	3/4 BSPT
60-6117-16-12	1 BSPT	3/4 BSPT
60-6117-16-16	1 BSPT	1 BSPT
60-6117-20-16	1 1/4 BSPT	1 BSPT
60-6117-20-20	1 1/4 BSPT	1 1/4 BSPT
60-6117-24-16	1 1/2 BSPT	1 BSPT
60-6117-24-20	1 1/2 BSPT	1 1/4 BSPT
60-6117-24-24	1 1/2 BSPT	1 1/2 BSPT
60-6117-32-16	2 BSPT	1 BSPT
60-6117-32-32	2 BSPT	2 BSPT
60-6117-40-40	2 1/2 BSPT	2 1/2 BSPT
60-6117-60-60	3 BSPT	3 BSPT

MALE X FIXED FEMALE REDUCING BUSH

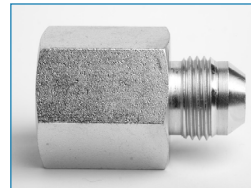


37-4090

JIC MALE x JIC FEMALE REDUCING BUSH

* SUPPLIED COMPLETE WITH FIXED FEMALE NUT

Item	Thread Size	Thread Size
37-4090-04-05*	7/16-20 JIC	1/2-20 JIC
37-4090-04-06	7/16-20 JIC	9/16-18 JIC
37-4090-04-08	7/16-20 JIC	3/4-16 JIC
37-4090-04-10	7/16-20 JIC	7/8-14 JIC
37-4090-04-12	7/16-20 JIC	1 1/16-12 JIC
37-4090-04-16	7/16-20 JIC	1 5/16-12 JIC
37-4090-05-06*	1/2-20 JIC	9/16-18 JIC
37-4090-05-08	1/2-20 JIC	3/4-16 JIC
37-4090-06-08	9/16-18 JIC	3/4-16 JIC
37-4090-06-10	9/16-18 JIC	7/8-14 JIC
37-4090-06-12	9/16-18 JIC	1 1/16-12 JIC
37-4090-06-16	9/16-18 JIC	1 5/16-12 JIC
37-4090-08-10*	3/4-16 JIC	7/8-14 JIC
37-4090-08-12	3/4-16 JIC	1 1/16-12 JIC
37-4090-08-16	3/4-16 JIC	1 5/16-12 JIC
37-4090-08-20	3/4-16 JIC	1 5/8-12 JIC
37-4090-10-12*	7/8-14 JIC	1 1/16-12 JIC
37-4090-10-14	7/8-14 JIC	1 3/16-12 JIC
37-4090-10-16	7/8-14 JIC	1 5/16-12 JIC
37-4090-10-20	7/8-14 JIC	1 5/8-12 JIC
37-4090-10-24	7/8-14 JIC	1 7/8-12 JIC
37-4090-12-14*	1 1/16-12 JIC	1 3/16-12 JIC
37-4090-12-16	1 1/16-12 JIC	1 5/16-12 JIC
37-4090-12-20	1 1/16-12 JIC	1 5/8-12 JIC
37-4090-12-24	1 1/16-12 JIC	1 7/8-12 JIC
37-4090-16-20	1 5/16-12 JIC	1 5/8-12 JIC
37-4090-16-24	1 5/16-12 JIC	1 7/8-12 JIC
37-4090-20-24	1 5/8-12 JIC	1 7/8-12 JIC
37-4090-24-32	1 7/8-12 JIC	2 1/2-12 JIC



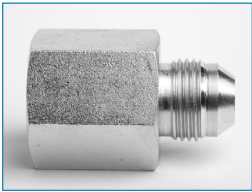
37-4120

JIC MALE x BSP FIXED FEMALE EXTENDED

Item	Thread Size	Thread Size
37-4120-04-02	7/16-20 JIC	1/8 BSP
37-4120-04-04	7/16-20 JIC	1/4 BSP
37-4120-04-06	7/16-20 JIC	3/8 BSP

Continued...

Item	Thread Size	Thread Size
37-4120-04-08	7/16-20 JIC	1/2 BSP
37-4120-06-04	9/16-18 JIC	1/4 BSP
37-4120-06-06	9/16-18 JIC	3/8 BSP
37-4120-06-08	9/16-18 JIC	1/2 BSP
37-4120-08-06	3/4-16 JIC	3/8 BSP
37-4120-08-08	3/4-16 JIC	1/2 BSP
37-4120-10-08	7/8-14 JIC	1/2 BSP
37-4120-12-08	1 1/16-12 JIC	1/2 BSP
37-4120-12-12	1 1/16-12 JIC	3/4 BSP
37-4120-16-16	1 5/16-12 JIC	1 BSP
37-4120-20-20	1 5/8-12 JIC	1 1/4 BSP
37-4120-24-24	1 7/8-12 JIC	1 1/2 BSP



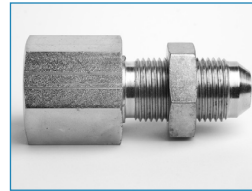
37-4170

JIC MALE x NPTF FIXED FEMALE
EXTENDED

Item	Thread Size	Thread Size
37-4170-02-02	5/16-24 JIC	1/8 NPTF
37-4170-03-02	3/8-24 JIC	1/8 NPTF
37-4170-03-04	3/8-24 JIC	1/4 NPTF
37-4170-04-02	7/16-20 JIC	1/8 NPTF
37-4170-04-04	7/16-20 JIC	1/4 NPTF
37-4170-04-06	7/16-20 JIC	3/8 NPTF
37-4170-04-08	7/16-20 JIC	1/2 NPTF
37-4170-05-02	1/2-20 JIC	1/8 NPTF
37-4170-05-04	1/2-20 JIC	1/4 NPTF
37-4170-05-06	1/2-20 JIC	3/8 NPTF
37-4170-06-02	9/16-18 JIC	1/8 NPTF
37-4170-06-04	9/16-18 JIC	1/4 NPTF
37-4170-06-06	9/16-18 JIC	3/8 NPTF
37-4170-06-08	9/16-18 JIC	1/2 NPTF
37-4170-06-12	9/16-18 JIC	3/4 NPTF
37-4170-08-04	3/4-16 JIC	1/4 NPTF
37-4170-08-06	3/4-16 JIC	3/8 NPTF
37-4170-08-08	3/4-16 JIC	1/2 NPTF
37-4170-08-12	3/4-16 JIC	3/4 NPTF
37-4170-08-16	3/4-16 JIC	1 NPTF
37-4170-10-04	7/8-14 JIC	1/4 NPTF
37-4170-10-06	7/8-14 JIC	3/8 NPTF
37-4170-10-08	7/8-14 JIC	1/2 NPTF
37-4170-10-12	7/8-14 JIC	3/4 NPTF
37-4170-10-16	7/8-14 JIC	1 NPTF
37-4170-12-08	1 1/16-12 JIC	1/2 NPTF
37-4170-12-12	1 1/16-12 JIC	3/4 NPTF
37-4170-12-16	1 1/16-12 JIC	1 NPTF
37-4170-14-08	1 3/16-12 JIC	1/2 NPTF
37-4170-14-12	1 3/16-12 JIC	3/4 NPTF
37-4170-14-16	1 3/16-12 JIC	1 NPTF
37-4170-16-12	1 5/16-12 JIC	3/4 NPTF
37-4170-16-16	1 5/16-12 JIC	1 NPTF
37-4170-16-20	1 5/16-12 JIC	1 1/4 NPTF
37-4170-20-16	1 5/8-12 JIC	1 NPTF
37-4170-20-20	1 5/8-12 JIC	1 1/4 NPTF
37-4170-20-24	1 5/8-12 JIC	1 1/2 NPTF
37-4170-24-20	1 7/8-12 JIC	1 1/4 NPTF

Continued...

Item	Thread Size	Thread Size
37-4170-24-24	1 7/8-12 JIC	1 1/2 NPTF
37-4170-24-32	1 7/8-12 JIC	2 NPTF
37-4170-32-24	2 1/2-12 JIC	1 1/2 NPTF
37-4170-32-32	2 1/2-12 JIC	2 NPTF
37-4170-40-40	3-12 JIC	2 1/2 NPTF

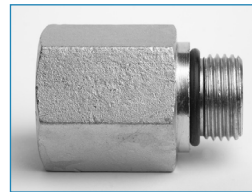


37-4180

JIC BULKHEAD MALE x NPTF FEMALE
FIXED

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
37-4180-04-02	7/16-20 JIC	1/8 NPTF
37-4180-04-04	7/16-20 JIC	1/4 NPTF
37-4180-06-04	9/16-18 JIC	1/4 NPTF
37-4180-06-06	9/16-18 JIC	3/8 NPTF
37-4180-08-06	3/4-16 JIC	3/8 NPTF
37-4180-08-08	3/4-16 JIC	1/2 NPTF
37-4180-10-08	7/8-14 JIC	1/2 NPTF
37-4180-12-12	1 1/16-12 JIC	3/4 NPTF
37-4180-16-16	1 5/16-12 JIC	1 NPTF
37-4180-20-20	1 5/8-12 JIC	1 1/4 NPTF



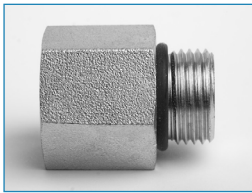
37-6405

SAE MALE x NPTF FIXED FEMALE
EXTENDED

Item	Thread Size	Thread Size
37-6405-02-02	5/16-24 SAE	1/8 NPTF
37-6405-02-04	5/16-24 SAE	1/4 NPTF
37-6405-03-04	3/8-24 SAE	1/4 NPTF
37-6405-04-02	7/16-20 SAE	1/8 NPTF
37-6405-04-04	7/16-20 SAE	1/4 NPTF
37-6405-04-06	7/16-20 SAE	3/8 NPTF
37-6405-06-04	9/16-18 SAE	1/4 NPTF
37-6405-06-06	9/16-18 SAE	3/8 NPTF
37-6405-06-08	9/16-18 SAE	1/2 NPTF
37-6405-08-04	3/4-16 SAE	1/4 NPTF
37-6405-08-06	3/4-16 SAE	3/8 NPTF
37-6405-08-08	3/4-16 SAE	1/2 NPTF
37-6405-08-12	3/4-16 SAE	3/4 NPTF
37-6405-10-04	7/8-14 SAE	1/4 NPTF
37-6405-10-06	7/8-14 SAE	3/8 NPTF
37-6405-10-08	7/8-14 SAE	1/2 NPTF
37-6405-12-04	1 1/16-12 SAE	1/4 NPTF
37-6405-12-06	1 1/16-12 SAE	3/8 NPTF

Continued...

Item	Thread Size	Thread Size
37-6405-12-08	1 1/16-12 SAE	1/2 NPTF
37-6405-12-12	1 1/16-12 SAE	3/4 NPTF
37-6405-12-16	1 1/16-12 SAE	1 NPTF
37-6405-14-08	1 3/16-12 SAE	1/2 NPTF
37-6405-14-12	1 3/16-12 SAE	3/4 NPTF
37-6405-16-04	1 5/16-12 SAE	1/4 NPTF
37-6405-16-06	1 5/16-12 SAE	3/8 NPTF
37-6405-16-08	1 5/16-12 SAE	1/2 NPTF
37-6405-16-12	1 5/16-12 SAE	3/4 NPTF
37-6405-16-16	1 5/16-12 SAE	1 NPTF
37-6405-20-08	1 5/8-12 SAE	1/2 NPTF
37-6405-20-12	1 5/8-12 SAE	3/4 NPTF
37-6405-20-16	1 5/8-12 SAE	1 NPTF
37-6405-20-20	1 5/8-12 SAE	1 1/4 NPTF
37-6405-24-12	1 7/8-12 SAE	3/4 NPTF
37-6405-24-16	1 7/8-12 SAE	1 NPTF
37-6405-24-20	1 7/8-12 SAE	1 1/4 NPTF
37-6405-24-24	1 7/8-12 SAE	1 1/2 NPTF
37-6405-32-32	2 1/2-12 SAE	2 NPTF



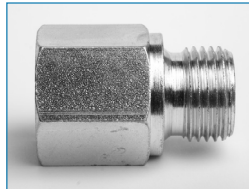
37-6410

SAE MALE x SAE FIXED FEMALE
EXTENDED

Item	Thread Size	Thread Size
37-6410-02-04	5/16-24 JIC	7/16-20 SAE
37-6410-03-04	3/8-24 SAE	7/16-20 SAE
37-6410-04-02	7/16-20 SAE	5/16-24 SAE
37-6410-04-04	7/16-20 SAE	7/16-20 SAE
37-6410-04-05	7/16-20 SAE	1/2-20 SAE
37-6410-04-06	7/16-20 SAE	9/16-18 SAE
37-6410-04-08	7/16-20 SAE	3/4-16 SAE
37-6410-05-04	1/2-20 SAE	7/16-20 SAE
37-6410-05-06	1/2-20 SAE	9/16-18 SAE
37-6410-06-04	9/16-18 SAE	7/16-20 SAE
37-6410-06-06	9/16-18 SAE	9/16-18 SAE
37-6410-06-08	9/16-18 SAE	3/4-16 SAE
37-6410-06-10	9/16-18 SAE	7/8-14 SAE
37-6410-06-12	9/16-18 SAE	1 1/16-12 SAE
37-6410-06-16	9/16-18 SAE	1 5/16-12 SAE
37-6410-08-03	3/4-16 SAE	3/8-24 SAE
37-6410-08-04	3/4-16 SAE	7/16-20 SAE
37-6410-08-05	3/4-16 SAE	1/2-20 SAE
37-6410-08-06	3/4-16 SAE	9/16-18 SAE
37-6410-08-08	3/4-16 SAE	3/4-16 SAE
37-6410-08-10	3/4-16 SAE	7/8-14 SAE
37-6410-08-12	3/4-16 SAE	1 1/16-12 SAE
37-6410-10-04	7/8-14 SAE	7/16-20 SAE
37-6410-10-06	7/8-14 SAE	9/16-18 SAE
37-6410-10-08	7/8-14 SAE	3/4-16 SAE
37-6410-10-10	7/8-14 SAE	7/8-14 SAE
37-6410-10-12	7/8-14 SAE	1 1/16-12 SAE
37-6410-10-16	7/8-14 SAE	1 5/16-12 SAE
37-6410-12-04	1 1/16-12 SAE	7/16-20 SAE
37-6410-12-06	1 1/16-12 SAE	9/16-18 SAE
37-6410-12-08	1 1/16-12 SAE	3/4-16 SAE

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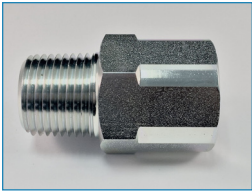
Item	Thread Size	Thread Size
37-6410-12-10	1 1/16-12 SAE	7/8-14 SAE
37-6410-12-12	1 1/16-12 SAE	1 1/16-12 SAE
37-6410-12-14	1 1/16-12 SAE	1 3/16-12 SAE
37-6410-12-16	1 1/16-12 SAE	1 5/16-12 SAE
37-6410-12-20	1 1/16-12 SAE	1 5/8-12 SAE
37-6410-16-04	1 5/16-12 SAE	7/16-20 SAE
37-6410-16-06	1 5/16-12 SAE	9/16-18 SAE
37-6410-16-08	1 5/16-12 SAE	3/4-16 SAE
37-6410-16-10	1 5/16-12 SAE	7/8-14 SAE
37-6410-16-12	1 5/16-12 SAE	1 1/16-12 SAE
37-6410-16-14	1 5/16-12 SAE	1 3/16-12 SAE
37-6410-16-16	1 5/16-12 SAE	1 5/16-12 SAE
37-6410-16-20	1 5/16-12 SAE	1 5/8-12 SAE
37-6410-16-24	1 5/16-12 SAE	1 7/8-12 SAE
37-6410-20-06	1 5/8-12 SAE	9/16-18 SAE
37-6410-20-08	1 5/8-12 SAE	3/4-16 SAE
37-6410-20-10	1 5/8-12 SAE	7/8-14 SAE
37-6410-20-12	1 5/8-12 SAE	1 1/16-12 SAE
37-6410-20-16	1 5/8-12 SAE	1 5/16-12 SAE
37-6410-20-24	1 5/8-12 SAE	1 7/8-12 SAE
37-6410-24-06	1 7/8-12 SAE	9/16-18 SAE
37-6410-24-12	1 7/8-12 SAE	1 1/16-12 SAE
37-6410-24-16	1 7/8-12 SAE	1 5/16-12 SAE
37-6410-24-20	1 7/8-12 SAE	1 5/8-12 SAE
37-6410-24-24	1 7/8-12 SAE	1 7/8-12 SAE
37-6410-32-12	2 1/2-12 SAE	1 1/16-12 SAE
37-6410-32-16	2 1/2-12 SAE	1 5/16-12 SAE
37-6410-32-20	2 1/2-12 SAE	1 5/8-12 SAE
37-6410-32-24	2 1/2-12 SAE	1 7/8-12 SAE
37-6410-40-24	3-12 JIC	1 7/8-12 SAE



37-6411

BSP MALE X SAE FIXED FEMALE
EXTENDED

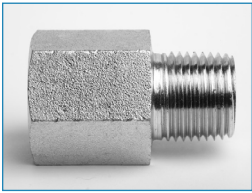
Item	Thread Size	Thread Size
37-6411-04-04	1/4 BSP	7/16-20 SAE
37-6411-08-06	1/2 BSP	9/16-18 SAE
37-6411-08-08	1/2 BSP	3/4-16 SAE
37-6411-12-12	3/4 BSP	1 1/16-12 SAE
37-6411-16-16	1 BSP	1 5/16-12 SAE
37-6411-20-16	1 1/4 BSP	1 5/16-12 SAE



50-5400

NPTF MALE x BSP EXTENDED FIXED
FEMALE

Item	Thread Size	Thread Size
50-5400-02-02	1/8 NPTF	1/8 BSP
50-5400-02-04	1/8 NPTF	1/4 BSP
50-5400-04-04	1/4 NPTF	1/4 BSP
50-5400-06-06	3/8 NPTF	3/8 BSP
50-5400-08-06	1/2 NPTF	3/8 BSP
50-5400-08-08	1/2 NPTF	1/2 BSP
50-5400-12-12	3/4 NPTF	3/4 BSP
50-5400-16-16	1 NPTF	1 BSP
50-5400-20-20	1 1/4 NPTF	1 1/4 BSP
50-5400-24-20	1 1/2 NPTF	1 1/4 BSP
50-5400-24-24	1 1/2 NPTF	1 1/2 BSP
50-5400-32-32	2 NPTF	2 BSP



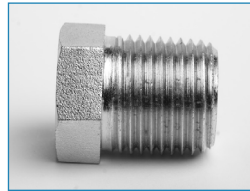
50-5405

NPTF MALE x NPTF FEMALE EXTENDED
REDUCING BUSH

Item	Thread Size	Thread Size
50-5405-01-02	1/16 NPTF	1/8 NPTF
50-5405-02-02	1/8 NPTF	1/8 NPTF
50-5405-02-04	1/8 NPTF	1/4 NPTF
50-5405-02-06	1/8 NPTF	3/8 NPTF
50-5405-02-08	1/8 NPTF	1/2 NPTF
50-5405-04-04	1/4 NPTF	1/4 NPTF
50-5405-04-06	1/4 NPTF	3/8 NPTF
50-5405-04-08	1/4 NPTF	1/2 NPTF
50-5405-04-12	1/4 NPTF	3/4 NPTF
50-5405-06-06	3/8 NPTF	3/8 NPTF
50-5405-06-08	3/8 NPTF	1/2 NPTF
50-5405-06-12	3/8 NPTF	3/4 NPTF
50-5405-06-16	3/8 NPTF	1 NPTF
50-5405-08-08	1/2 NPTF	1/2 NPTF
50-5405-08-12	1/2 NPTF	3/4 NPTF
50-5405-08-16	1/2 NPTF	1 NPTF
50-5405-12-12	3/4 NPTF	3/4 NPTF
50-5405-12-16	3/4 NPTF	1 NPTF
50-5405-12-20	3/4 NPTF	1 1/4 NPTF
50-5405-16-16	1 NPTF	1 NPTF
50-5405-16-20	1 NPTF	1 1/4 NPTF
50-5405-16-24	1 NPTF	1 1/2 NPTF
50-5405-20-20	1 1/4 NPTF	1 1/4 NPTF
50-5405-20-24	1 1/4 NPTF	1 1/2 NPTF

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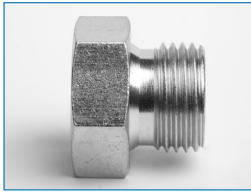
Item	Thread Size	Thread Size
50-5405-20-32	1 1/4 NPTF	2 NPTF
50-5405-24-24	1 1/2 NPTF	1 1/2 NPTF
50-5405-24-32	1 1/2 NPTF	2 NPTF
50-5405-32-32	2 NPTF	2 NPTF



50-5406

NPTF MALE x NPTF FEMALE REDUCING
BUSH

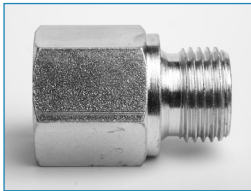
Item	Thread Size	Thread Size
50-5406-04-02	1/8 NPTF	1/8 NPTF
50-5406-06-02	3/8 NPTF	1/8 NPTF
50-5406-06-04	3/8 NPTF	1/4 NPTF
50-5406-08-02	1/2 NPTF	1/8 NPTF
50-5406-08-04	1/2 NPTF	1/4 NPTF
50-5406-08-06	1/2 NPTF	3/8 NPTF
50-5406-12-02	3/4 NPTF	1/8 NPTF
50-5406-12-04	3/4 NPTF	1/4 NPTF
50-5406-12-06	3/4 NPTF	3/8 NPTF
50-5406-12-08	3/4 NPTF	1/2 NPTF
50-5406-16-02	1 NPTF	1/8 NPTF
50-5406-16-04	1 NPTF	1/4 NPTF
50-5406-16-06	1 NPTF	3/8 NPTF
50-5406-16-08	1 NPTF	1/2 NPTF
50-5406-16-12	1 NPTF	3/4 NPTF
50-5406-20-04	1 1/4 NPTF	1/4 NPTF
50-5406-20-06	1 1/4 NPTF	3/8 NPTF
50-5406-20-08	1 1/4 NPTF	1/2 NPTF
50-5406-20-12	1 1/4 NPTF	3/4 NPTF
50-5406-20-16	1 1/4 NPTF	1 NPTF
50-5406-24-02	1 1/2 NPTF	1/8 NPTF
50-5406-24-04	1 1/2 NPTF	1/4 NPTF
50-5406-24-06	1 1/2 NPTF	3/8 NPTF
50-5406-24-08	1 1/2 NPTF	1/2 NPTF
50-5406-24-12	1 1/2 NPTF	3/4 NPTF
50-5406-24-16	1 1/2 NPTF	1 NPTF
50-5406-24-20	1 1/2 NPTF	1 1/4 NPTF
50-5406-32-04	2 NPTF	1/4 NPTF
50-5406-32-06	2 NPTF	3/8 NPTF
50-5406-32-08	2 NPTF	1/2 NPTF
50-5406-32-12	2 NPTF	3/4 NPTF
50-5406-32-16	2 NPTF	1 NPTF
50-5406-32-20	2 NPTF	1 1/4 NPTF
50-5406-32-24	2 NPTF	1 1/2 NPTF
50-5406-40-32	2 1/2 NPTF	2 NPTF
50-5406-60-24	3 NPTF	1 1/2 NPTF
50-5406-60-32	3 NPTF	2 NPTF



60-6013

**BSP MALE 60° CONE x BSP FIXED
FEMALE BUSH**

Item	Thread Size	Thread Size
60-6013-06-02	3/8 BSP	1/8 BSP
60-6013-08-02	1/2 BSP	1/8 BSP
60-6013-08-04	1/2 BSP	1/4 BSP
60-6013-12-02	3/4 BSP	1/8 BSP
60-6013-12-04	3/4 BSP	1/4 BSP
60-6013-12-06	3/4 BSP	3/8 BSP
60-6013-16-04	1 BSP	1/4 BSP
60-6013-16-06	1 BSP	3/8 BSP
60-6013-16-08	1 BSP	1/2 BSP
60-6013-20-04	1 1/4 BSP	1/4 BSP
60-6013-20-06	1 1/4 BSP	3/8 BSP
60-6013-20-08	1 1/4 BSP	1/2 BSP
60-6013-20-12	1 1/4 BSP	3/4 BSP
60-6013-20-16	1 1/4 BSP	1 BSP
60-6013-24-04	1 1/2 BSP	1/4 BSP
60-6013-24-06	1 1/2 BSP	3/8 BSP
60-6013-24-08	1 1/2 BSP	1/2 BSP
60-6013-24-12	1 1/2 BSP	3/4 BSP
60-6013-24-16	1 1/2 BSP	1 BSP
60-6013-32-04	2 BSP	1/4 BSP
60-6013-32-06	2 BSP	3/8 BSP
60-6013-32-08	2 BSP	1/2 BSP
60-6013-32-12	2 BSP	3/4 BSP
60-6013-32-16	2 BSP	1 BSP
60-6013-32-20	2 BSP	1 1/4 BSP
60-6013-32-24	2 BSP	1 1/2 BSP



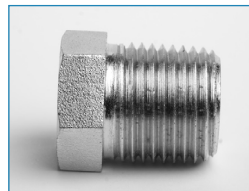
60-6014

**BSP MALE 60° CONE x BSP FIXED
FEMALE EXTENDED**

Item	Thread Size	Thread Size
60-6014-02-02	1/8 BSP	1/8 BSP
60-6014-02-04	1/8 BSP	1/4 BSP
60-6014-02-06	1/8 BSP	3/8 BSP
60-6014-02-08	1/8 BSP	1/2 BSP
60-6014-04-02	1/4 BSP	1/8 BSP
60-6014-04-04	1/4 BSP	1/4 BSP
60-6014-04-06	1/4 BSP	3/8 BSP
60-6014-04-08	1/4 BSP	1/2 BSP
60-6014-04-12	1/4 BSP	3/4 BSP
60-6014-06-04	3/8 BSP	1/4 BSP
60-6014-06-06	3/8 BSP	3/8 BSP

Continued...

Item	Thread Size	Thread Size
60-6014-06-08	3/8 BSP	1/2 BSP
60-6014-06-12	3/8 BSP	3/4 BSP
60-6014-08-06	1/2 BSP	3/8 BSP
60-6014-08-08	1/2 BSP	1/2 BSP
60-6014-08-12	1/2 BSP	3/4 BSP
60-6014-08-16	1/2 BSP	1 BSP
60-6014-08-20	1/2 BSP	1 1/4 BSP
60-6014-10-08	5/8 BSP	1/2 BSP
60-6014-10-12	5/8 BSP	3/4 BSP
60-6014-12-08	3/4 BSP	1/2 BSP
60-6014-12-12	3/4 BSP	3/4 BSP
60-6014-12-16	3/4 BSP	1 BSP
60-6014-12-20	3/4 BSP	1 1/4 BSP
60-6014-12-24	3/4 BSP	1 1/2 BSP
60-6014-16-12	1 BSP	3/4 BSP
60-6014-16-16	1 BSP	1 BSP
60-6014-16-20	1 BSP	1 1/4 BSP
60-6014-16-24	1 BSP	1 1/2 BSP
60-6014-20-20	1 1/4 BSP	1 1/4 BSP
60-6014-20-24	1 1/4 BSP	1 1/2 BSP
60-6014-20-32	1 1/4 BSP	2 BSP
60-6014-24-20	1 1/2 BSP	1 1/4 BSP
60-6014-24-24	1 1/2 BSP	1 1/2 BSP
60-6014-24-32	1 1/2 BSP	2 BSP
60-6014-32-32	2 BSP	2 BSP



60-6036

**BSPT MALE X BSPT FEMALE REDUCING
BUSH**

Item	Thread Size	Thread Size
60-6036-04-02	1/4 BSPT	1/8 BSPT
60-6036-06-02	3/8 BSPT	1/8 BSPT
60-6036-06-04	3/8 BSPT	1/4 BSPT
60-6036-08-04	1/2 BSPT	1/4 BSPT
60-6036-08-06	1/2 BSPT	3/8 BSPT
60-6036-12-04	3/4 BSPT	1/4 BSPT
60-6036-12-06	3/4 BSPT	3/8 BSPT
60-6036-12-08	3/4 BSPT	1/2 BSPT
60-6036-16-02	1 BSPT	1/8 BSPT
60-6036-16-04	1 BSPT	1/4 BSPT
60-6036-16-06	1 BSPT	3/8 BSPT
60-6036-16-08	1 BSPT	1/2 BSPT
60-6036-16-12	1 BSPT	3/4 BSPT
60-6036-20-02	1 1/4 BSPT	1/8 BSPT
60-6036-20-04	1 1/4 BSPT	1/4 BSPT
60-6036-20-06	1 1/4 BSPT	3/8 BSPT
60-6036-20-08	1 1/4 BSPT	1/2 BSPT
60-6036-20-12	1 1/4 BSPT	3/4 BSPT
60-6036-20-16	1 1/4 BSPT	1 BSPT
60-6036-24-02	1 1/2 BSPT	1/8 BSPT
60-6036-24-04	1 1/2 BSPT	1/4 BSPT
60-6036-24-06	1 1/2 BSPT	3/8 BSPT
60-6036-24-08	1 1/2 BSPT	1/2 BSPT
60-6036-24-12	1 1/2 BSPT	3/4 BSPT
60-6036-24-16	1 1/2 BSPT	1 BSPT

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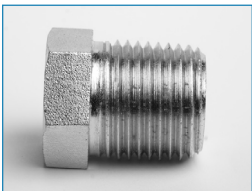
Item	Thread Size	Thread Size
60-6036-32-06	2 BSPT	3/8 BSPT
60-6036-32-08	2 BSPT	1/2 BSPT
60-6036-32-12	2 BSPT	3/4 BSPT
60-6036-32-16	2 BSPT	1 BSPT
60-6036-32-20	2 BSPT	1 1/4 BSPT
60-6036-32-24	2 BSPT	1 1/2 BSPT



60-6037

NPTF MALE X BSP FEMALE REDUCING BUSH

Item	Thread Size	Thread Size
60-6037-04-02	1/4 NPTF	1/8 BSP
60-6037-06-04	3/8 NPTF	1/4 BSP
60-6037-08-04	1/2 NPTF	1/4 BSP
60-6037-12-04	3/4 NPTF	1/4 BSP
60-6037-12-06	3/4 NPTF	3/8 BSP
60-6037-12-08	3/4 NPTF	1/2 BSP
60-6037-16-04	1 NPTF	1/4 BSP
60-6037-16-06	1 NPTF	3/8 BSP
60-6037-16-08	1 NPTF	1/2 BSP
60-6037-16-12	1 NPTF	3/4 BSP
60-6037-20-04	1 1/4 NPTF	1/4 BSP
60-6037-20-06	1 1/4 NPTF	3/8 BSP
60-6037-20-08	1 1/4 NPTF	1/2 BSP
60-6037-20-12	1 1/4 NPTF	3/4 BSP
60-6037-20-16	1 1/4 NPTF	1 BSP
60-6037-24-08	1 1/2 NPTF	1/2 BSP
60-6037-24-12	1 1/2 NPTF	3/4 BSP
60-6037-24-16	1 1/2 NPTF	1 BSP
60-6037-32-12	2 NPTF	3/4 BSP
60-6037-32-16	2 NPTF	1 BSP
60-6037-32-20	2 NPTF	1 1/4 BSP
60-6037-32-24	2 NPTF	1 1/2 BSP



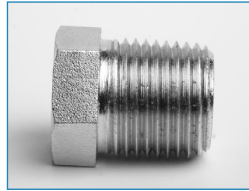
60-6038

BSPT MALE X NPTF FEMALE REDUCING BUSH

Item	Thread Size	Thread Size
60-6038-04-02	1/4 BSPT	1/8 NPTF
60-6038-06-02	3/8 BSPT	1/8 NPTF
60-6038-08-04	1/2 BSPT	1/4 NPTF
60-6038-12-04	3/4 BSPT	1/4 NPTF
60-6038-12-06	3/4 BSPT	3/8 NPTF

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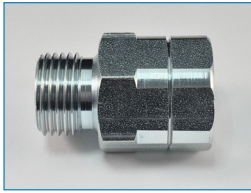
Item	Thread Size	Thread Size
60-6038-12-08	3/4 BSPT	1/2 NPTF
60-6038-16-04	1 BSPT	1/4 NPTF
60-6038-16-06	1 BSPT	3/8 NPTF
60-6038-16-08	1 BSPT	1/2 NPTF
60-6038-20-12	1 1/4 BSPT	3/4 NPTF
60-6038-20-16	1 1/4 BSPT	1 NPTF
60-6038-24-12	1 1/2 BSPT	3/4 NPTF
60-6038-24-16	1 1/2 BSPT	1 NPTF
60-6038-24-20	1 1/2 BSPT	1 1/4 NPTF
60-6038-32-12	2 BSPT	3/4 NPTF
60-6038-32-16	2 BSPT	1 NPTF
60-6038-32-20	2 BSPT	1 1/4 NPTF
60-6038-32-24	2 BSPT	1 1/2 NPTF



60-6039

BSPT MALE X BSP FEMALE REDUCING BUSH

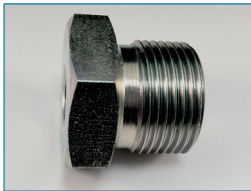
Item	Thread Size	Thread Size
60-6039-06-02	3/8 BSPT	1/8 BSP
60-6039-06-04	3/8 BSPT	1/4 BSP
60-6039-08-04	1/2 BSPT	1/4 BSP
60-6039-12-04	3/4 BSPT	1/4 BSP
60-6039-12-06	3/4 BSPT	3/8 BSP
60-6039-12-08	3/4 BSPT	1/2 BSP
60-6039-16-04	1 BSPT	1/4 BSP
60-6039-16-06	1 BSPT	3/8 BSP
60-6039-16-08	1 BSPT	1/2 BSP
60-6039-16-12	1 BSPT	3/4 BSP
60-6039-20-02	1 1/4 BSPT	1/8 BSP
60-6039-20-04	1 1/4 BSPT	1/4 BSP
60-6039-20-06	1 1/4 BSPT	3/8 BSP
60-6039-20-08	1 1/4 BSPT	1/2 BSP
60-6039-20-12	1 1/4 BSPT	3/4 BSP
60-6039-20-16	1 1/4 BSPT	1 BSP
60-6039-24-02	1 1/2 BSPT	1/8 BSP
60-6039-24-04	1 1/2 BSPT	1/4 BSP
60-6039-24-06	1 1/2 BSPT	3/8 BSP
60-6039-24-08	1 1/2 BSPT	1/2 BSP
60-6039-24-12	1 1/2 BSPT	3/4 BSP
60-6039-24-16	1 1/2 BSPT	1 BSP
60-6039-24-20	1 1/2 BSPT	1 1/4 BSP
60-6039-32-06	2 BSPT	3/8 BSP
60-6039-32-08	2 BSPT	1/2 BSP
60-6039-32-12	2 BSPT	3/4 BSP
60-6039-32-16	2 BSPT	1 BSP
60-6039-32-20	2 BSPT	1 1/4 BSP
60-6039-32-24	2 BSPT	1 1/2 BSP



60-6106

BSP MALE x NPTF FIXED EXTENDED FEMALE

Item	Thread Size	Thread Size
60-6106-02-02	1/8 BSP	1/8 NPTF
60-6106-02-04	1/8 BSP	1/4 NPTF
60-6106-04-02	1/4 BSP	1/8 NPTF
60-6106-04-04	1/4 BSP	1/4 NPTF
60-6106-04-06	1/4 BSP	3/8 NPTF
60-6106-04-08	1/4 BSP	1/2 NPTF
60-6106-06-04	3/8 BSP	1/4 NPTF
60-6106-06-06	3/8 BSP	3/8 NPTF
60-6106-06-08	3/8 BSP	1/2 NPTF
60-6106-08-06	1/2 BSP	3/8 NPTF
60-6106-08-08	1/2 BSP	1/2 NPTF
60-6106-08-12	1/2 BSP	3/4 NPTF
60-6106-12-12	3/4 BSP	3/4 NPTF
60-6106-12-16	3/4 BSP	1 NPTF
60-6106-16-16	1 BSP	1 NPTF
60-6106-16-20	1 BSP	1 1/4 NPTF
60-6106-16-24	1 BSP	1 1/2 NPTF
60-6106-20-20	1 1/4 BSP	1 1/4 NPTF
60-6106-20-24	1 1/4 BSP	1 1/2 NPTF
60-6106-24-20	1 1/2 BSP	1 1/4 NPTF
60-6106-24-24	1 1/2 BSP	1 1/2 NPTF
60-6106-32-32	2 BSP	2 NPTF



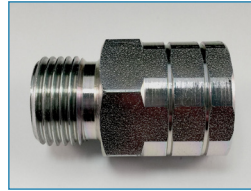
60-6107

BSP MALE x NPTF FIXED FEMALE BUSH

Item	Thread Size	Thread Size
60-6107-06-02	3/8 BSP	1/8 NPTF
60-6107-08-02	1/2 BSP	1/8 NPTF
60-6107-08-04	1/2 BSP	1/4 NPTF
60-6107-12-04	3/4 BSP	1/4 NPTF
60-6107-12-06	3/4 BSP	3/8 NPTF
60-6107-16-02	1 BSP	1/8 NPTF
60-6107-16-04	1 BSP	1/4 NPTF
60-6107-16-06	1 BSP	3/8 NPTF
60-6107-16-08	1 BSP	1/2 NPTF
60-6107-20-04	1 1/4 BSP	1/4 NPTF
60-6107-20-06	1 1/4 BSP	3/8 NPTF
60-6107-20-08	1 1/4 BSP	1/2 NPTF
60-6107-20-12	1 1/4 BSP	3/4 NPTF
60-6107-20-16	1 1/4 BSP	1 NPTF
60-6107-24-08	1 1/2 BSP	1/2 NPTF

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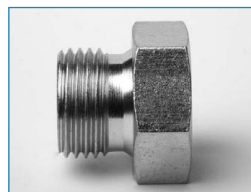
Item	Thread Size	Thread Size
60-6107-24-12	1 1/2 BSP	3/4 NPTF
60-6107-24-16	1 1/2 BSP	1 NPTF
60-6107-32-04	2 BSP	1/4 NPTF
60-6107-32-06	2 BSP	3/8 NPTF
60-6107-32-08	2 BSP	1/2 NPTF
60-6107-32-12	2 BSP	3/4 NPTF
60-6107-32-16	2 BSP	1 NPTF
60-6107-32-20	2 BSP	1 1/4 NPTF



60-6108

BSP MALE x BSPT FIXED EXTENDED FEMALE

Item	Thread Size	Thread Size
60-6108-02-02	1/8 BSP	1/8 BSPT
60-6108-02-04	1/8 BSP	1/4 BSPT
60-6108-04-02	1/4 BSP	1/8 BSPT
60-6108-04-04	1/4 BSP	1/4 BSPT
60-6108-04-06	1/4 BSP	3/8 BSPT
60-6108-04-08	1/4 BSP	1/2 BSPT
60-6108-06-04	3/8 BSP	1/4 BSPT
60-6108-06-06	3/8 BSP	3/8 BSPT
60-6108-06-08	3/8 BSP	1/2 BSPT
60-6108-08-06	1/2 BSP	3/8 BSPT
60-6108-08-08	1/2 BSP	1/2 BSPT
60-6108-08-12	1/2 BSP	3/4 BSPT
60-6108-12-12	3/4 BSP	3/4 BSPT
60-6108-12-16	3/4 BSP	1 BSPT
60-6108-16-16	1 BSP	1 BSPT
60-6108-16-20	1 BSP	1 1/4 BSPT
60-6108-16-24	1 BSP	1 1/2 BSPT
60-6108-20-20	1 1/4 BSP	1 1/4 BSPT
60-6108-20-24	1 1/4 BSP	1 1/2 BSPT
60-6108-24-20	1 1/2 BSP	1 1/4 BSPT
60-6108-24-24	1 1/2 BSP	1 1/2 BSPT
60-6108-32-32	2 BSP	2 BSPT



60-6109

BSP MALE x BSPT FIXED FEMALE BUSH

Item	Thread Size	Thread Size
60-6109-06-02	3/8 BSP	1/8 BSPT
60-6109-08-02	1/2 BSP	1/8 BSPT
60-6109-08-04	1/2 BSP	1/4 BSPT
60-6109-12-04	3/4 BSP	1/4 BSPT
60-6109-12-06	3/4 BSP	3/8 BSPT

Continued...

Item	Thread Size	Thread Size
60-6109-16-02	1 BSP	1/8 BSPT
60-6109-16-04	1 BSP	1/4 BSPT
60-6109-16-06	1 BSP	3/8 BSPT
60-6109-16-08	1 BSP	1/2 BSPT
60-6109-20-04	1 1/4 BSP	1/4 BSPT
60-6109-20-06	1 1/4 BSP	3/8 BSPT
60-6109-20-08	1 1/4 BSP	1/2 BSPT
60-6109-20-12	1 1/4 BSP	3/4 BSPT
60-6109-20-16	1 1/4 BSP	1 BSPT
60-6109-24-08	1 1/2 BSP	1/2 BSPT
60-6109-24-12	1 1/2 BSP	3/4 BSPT
60-6109-24-16	1 1/2 BSP	1 BSPT
60-6109-32-04	2 BSP	1/4 BSPT
60-6109-32-06	2 BSP	3/8 BSPT
60-6109-32-08	2 BSP	1/2 BSPT
60-6109-32-12	2 BSP	3/4 BSPT
60-6109-32-16	2 BSP	1 BSPT
60-6109-32-20	2 BSP	1 1/4 BSPT



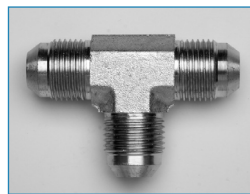
OR-4090

ORFS MALE x ORFS FEMALE FIXED REDUCING BUSH

ITEMS MARKED * ARE SUPPLIED CRIMP TYPE / OTHER
ITEMS SUPPLIED WITH LOOSE NUT

Item	Thread Size	Thread Size
OR-4090-04-06*	9/16-18 ORFS	11/16-16 ORFS
OR-4090-04-08	9/16-18 ORFS	13/16-16 ORFS
OR-4090-04-10	9/16-18 ORFS	1-14 ORFS
OR-4090-04-12	9/16-18 ORFS	1 3/16-12 ORFS
OR-4090-06-08*	11/16-16 ORFS	13/16-16 ORFS
OR-4090-06-10	11/16-16 ORFS	1-14 ORFS
OR-4090-06-12	11/16-16 ORFS	1 3/16-12 ORFS
OR-4090-08-10	13/16-16 ORFS	1-14 ORFS
OR-4090-08-12	13/16-16 ORFS	1 3/16-12 ORFS
OR-4090-08-16	13/16-16 ORFS	1 7/16-12 ORFS
OR-4090-10-12*	1-14 ORFS	1 3/16-12 ORFS
OR-4090-10-16	1-14 ORFS	1 7/16-12 ORFS
OR-4090-12-16*	1 3/16-12 ORFS	1 7/16-12 ORFS
OR-4090-16-20*	1 7/16-12 ORFS	1 11/16-12 ORFS
OR-4090-16-24	1 7/16-12 ORFS	2-12 ORFS

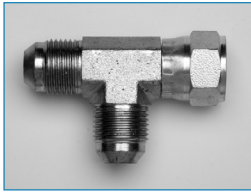
TEE ADAPTORS



37-9000

JIC MALE TEE

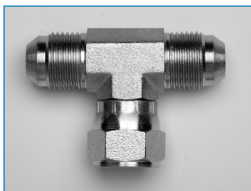
Item	Thread Size	Thread Size	Thread Size
37-9000-02-02-02	5/16-24 JIC	5/16-24 JIC	5/16-24 JIC
37-9000-03-03-03	3/8-24 JIC	3/8-24 JIC	3/8-24 JIC
37-9000-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC
37-9000-04-04-06	7/16-20 JIC	7/16-20 JIC	9/16-18 JIC
37-9000-05-05-04	1/2-20 JIC	1/2-20 JIC	9/16-18 JIC
37-9000-05-05-05	1/2-20 JIC	1/2-20 JIC	1/2-20 JIC
37-9000-06-06-04	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-9000-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-9000-06-06-08	9/16-20 JIC	9/16-20 JIC	3/4-16 JIC
37-9000-06-06-10	9/16-20 JIC	9/16-20 JIC	7/8-14 JIC
37-9000-08-06-06	3/4-16 JIC	9/16-20 JIC	9/16-20 JIC
37-9000-08-08-06	3/4-16 JIC	3/4-16 JIC	9/16-20 JIC
37-9000-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC
37-9000-08-08-12	3/4-16 JIC	3/4-16 JIC	1 1/16-12 JIC
37-9000-10-10-08	7/8-14 JIC	7/8-14 JIC	3/4-16 JIC
37-9000-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC
37-9000-10-10-12	7/8-14 JIC	7/8-14 JIC	1 1/16-12 JIC
37-9000-12-10-12	1 1/16-12 JIC	7/8-14 JIC	1 1/16-12 JIC
37-9000-12-12-06	1 1/16-12 JIC	1 1/16-12 JIC	9/16-20 JIC
37-9000-12-12-08	1 1/16-12 JIC	1 1/16-12 JIC	3/4-16 JIC
37-9000-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-9000-12-12-16	1 1/16-12 JIC	1 1/16-12 JIC	1 5/16-12 JIC
37-9000-14-14-14	1 3/16-12 JIC	1 3/16-12 JIC	1 3/16-12 JIC
37-9000-16-12-12	1 5/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-9000-16-16-12	1 5/16-12 JIC	1 5/16-12 JIC	1 1/16-12 JIC
37-9000-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC
37-9000-16-16-20	1 5/16-12 JIC	1 5/16-12 JIC	1 5/8-12 JIC
37-9000-20-20-12	1 5/8-12 JIC	1 5/8-12 JIC	1 1/16-12 JIC
37-9000-20-20-16	1 5/8-12 JIC	1 5/8-12 JIC	1 5/16-12 JIC
37-9000-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC
37-9000-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC
37-9000-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 1/2-12 JIC



37-9010

JIC MALE x JIC SWIVEL FEMALE x JIC
MALE TEE

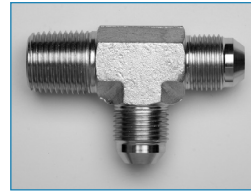
Item	Thread Size	Thread Size	Thread Size
37-9010-03-03-03	3/8-24 JIC	3/8-24 JIC	3/8-24 JIC
37-9010-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC
37-9010-04-06-06	7/16-20 JIC	9/16-18 JIC	9/16-18 JIC
37-9010-05-05-05	1/2-20 JIC	1/2-20 JIC	1/2-20 JIC
37-9010-06-06-04	9/16-18 JIC	9/16-18 JIC	7/16-20 JIC
37-9010-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-9010-06-08-06	9/16-18 JIC	3/4-16 JIC	9/16-18 JIC
37-9010-08-08-04	3/4-16 JIC	3/4-16 JIC	7/16-20 JIC
37-9010-08-08-06	3/4-16 JIC	3/4-16 JIC	9/16-18 JIC
37-9010-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC
37-9010-08-12-08	3/4-16 JIC	1 1/16-12 JIC	3/4-16 JIC
37-9010-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC
37-9010-10-10-12	7/8-14 JIC	7/8-14 JIC	1 1/16-12 JIC
37-9010-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-9010-14-14-14	1 3/16-12 JIC	1 3/16-12 JIC	1 3/16-12 JIC
37-9010-16-16-12	1 5/16-12 JIC	1 5/16-12 JIC	1 1/16-12 JIC
37-9010-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC
37-9010-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC
37-9010-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC
37-9010-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 1/2-12 JIC



37-9020

JIC MALE x JIC MALE x JIC SWIVEL
FEMALE TEE

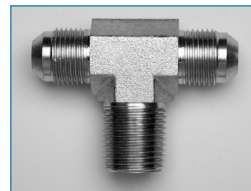
Item	Thread Size	Thread Size	Thread Size
37-9020-02-02-02	5/16-24 JIC	5/16-24 JIC	5/16-24 JIC
37-9020-03-03-03	3/8-24 JIC	3/8-24 JIC	3/8-24 JIC
37-9020-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC
37-9020-05-05-05	1/2-20 JIC	1/2-20 JIC	1/2-20 JIC
37-9020-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-9020-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC
37-9020-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC
37-9020-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-9020-14-14-14	1 3/16-12 JIC	1 3/16-12 JIC	1 3/16-12 JIC
37-9020-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC
37-9020-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC
37-9020-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC
37-9020-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 1/2-12 JIC



37-9030

JIC MALE x NPTF MALE x JIC MALE TEE

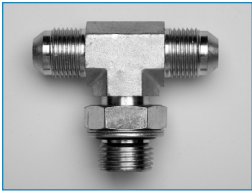
Item	Thread Size	Thread Size	Thread Size
37-9030-03-02-03	3/8-24 JIC	1/8 NPTF	3/8-24 JIC
37-9030-04-02-04	7/16-20 JIC	1/8 NPTF	7/16-20 JIC
37-9030-04-04-04	7/16-20 JIC	1/4 NPTF	7/16-20 JIC
37-9030-06-04-06	9/16-18 JIC	1/4 NPTF	9/16-18 JIC
37-9030-06-06-06	9/16-18 JIC	3/8 NPTF	9/16-18 JIC
37-9030-08-06-08	3/4-16 JIC	3/8 NPTF	3/4-16 JIC
37-9030-08-08-08	3/4-16 JIC	1/2 NPTF	3/4-16 JIC
37-9030-10-08-10	7/8-14 JIC	1/2 NPTF	7/8-14 JIC
37-9030-12-12-08	1 1/16-12 JIC	3/4 NPTF	1 1/16-12 JIC
37-9030-12-12-12	1 1/16-12 JIC	3/4 NPTF	1 1/16-12 JIC
37-9030-16-16-16	1 5/16-12 JIC	1 NPTF	1 5/16-12 JIC
37-9030-20-20-20	1 5/8-12 JIC	1 1/4 NPTF	1 5/8-12 JIC
37-9030-24-24-24	1 7/8-12 JIC	1 1/2 NPTF	1 7/8-12 JIC
37-9030-32-32-32	2 1/2-12 JIC	2 NPTF	2 1/2-12 JIC



37-9040

JIC MALE x JIC MALE x NPTF MALE TEE

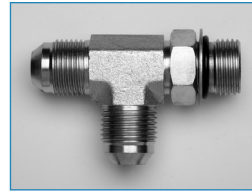
Item	Thread Size	Thread Size	Thread Size
37-9040-02-02-02	5/16-20 JIC	5/16-20 JIC	1/8 NPTF
37-9040-03-03-03	3/8-24 JIC	3/8-24 JIC	1/8 NPTF
37-9040-04-04-02	7/16-20 JIC	7/16-20 JIC	1/8 NPTF
37-9040-04-04-04	7/16-20 JIC	7/16-20 JIC	1/4 NPTF
37-9040-06-06-04	9/16-18 JIC	9/16-18 JIC	1/4 NPTF
37-9040-06-06-06	9/16-18 JIC	9/16-18 JIC	3/8 NPTF
37-9040-08-08-06	3/4-16 JIC	3/4-16 JIC	3/8 NPTF
37-9040-08-08-08	3/4-16 JIC	3/4-16 JIC	1/2 NPTF
37-9040-10-10-08	7/8-14 JIC	7/8-14 JIC	1/2 NPTF
37-9040-12-12-08	1 1/16-12 JIC	1 1/16-12 JIC	1/2 NPTF
37-9040-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	3/4 NPTF
37-9040-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 NPTF
37-9040-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 1/4 NPTF
37-9040-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 1/2 NPTF
37-9040-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 NPTF



37-9050

JIC MALE x JIC MALE x BSP ADJ MALE
TEE

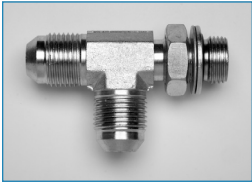
Item	Thread Size	Thread Size	Thread Size
37-9050-04-04-02	7/16-20 JIC	7/16-20 JIC	1/8 BSP
37-9050-04-04-04	1/2-20 JIC	1/2-20 JIC	1/4 BSP
37-9050-06-06-04	9/16-18 JIC	9/16-18 JIC	1/4 BSP
37-9050-06-06-06	9/16-18 JIC	9/16-18 JIC	3/8 BSP
37-9050-08-08-06	3/4-16 JIC	3/4-16 JIC	3/8 BSP
37-9050-08-08-08	3/4-16 JIC	3/4-16 JIC	1/2 BSP
37-9050-10-10-08	7/8-14 JIC	7/8-14 JIC	1/2 BSP
37-9050-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	3/4 BSP
37-9050-14-14-12	1 3/16-12 JIC	1 3/16-12 JIC	3/4 BSP
37-9050-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 BSP
37-9050-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 1/4 BSP
37-9050-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 1/2 BSP
37-9050-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 BSP



37-9070

JIC MALE x UNF ADJ MALE x JIC MALE
TEE

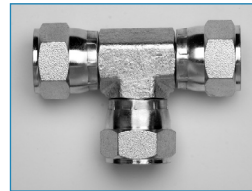
Item	Thread Size	Thread Size	Thread Size
37-9070-04-04-04	7/16-20 JIC	7/16-20 UNF	7/16-20 JIC
37-9070-05-05-05	1/2-20 JIC	1/2-20 UNF	1/2-20 JIC
37-9070-06-06-06	9/16-18 JIC	9/16-18 UNF	9/16-18 JIC
37-9070-06-08-06	9/16-18 JIC	3/4-16 UNF	9/16-18 JIC
37-9070-08-08-08	3/4-16 JIC	3/4-16 UNF	3/4-16 JIC
37-9070-10-10-10	7/8-14 JIC	7/8-14 UNF	7/8-14 JIC
37-9070-12-10-12	1 1/16-12 JIC	7/8-14 UNF	1 1/16-12 JIC
37-9070-12-12-12	1 1/16-12 JIC	1 1/16-12 UNF	1 1/16-12 JIC
37-9070-14-14-14	1 3/16-12 JIC	1 3/16-12 UNF	1 3/16-12 JIC
37-9070-16-12-16	1 5/16-12 JIC	1 1/16-12 UNF	1 5/16-12 JIC
37-9070-16-16-16	1 5/16-12 JIC	1 5/16-12 UNF	1 5/16-12 JIC
37-9070-20-20-20	1 5/8-12 JIC	1 5/8-12 UNF	1 5/8-12 JIC
37-9070-24-24-24	1 7/8-12 JIC	1 7/8-12 UNF	1 7/8-12 JIC
37-9070-32-32-32	2 1/2-12 JIC	2 1/2-12 UNF	2 1/2-12 JIC



37-9060

JIC MALE x BSP ADJ MALE x JIC MALE
TEE

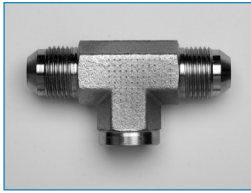
Item	Thread Size	Thread Size	Thread Size
37-9060-04-02-04	7/16-20 JIC	1/8 BSP	7/16-20 JIC
37-9060-04-04-04	1/2-20 JIC	1/4 BSP	1/2-20 JIC
37-9060-05-04-05	9/16-18 JIC	1/4 BSP	9/16-18 JIC
37-9060-06-04-06	9/16-18 JIC	1/4 BSP	9/16-18 JIC
37-9060-06-06-06	9/16-18 JIC	3/8 BSP	9/16-18 JIC
37-9060-08-06-08	3/4-16 JIC	3/8 BSP	3/4-16 JIC
37-9060-08-08-08	3/4-16 JIC	1/2 BSP	3/4-16 JIC
37-9060-10-08-10	7/8-14 JIC	1/2 BSP	7/8-14 JIC
37-9060-12-12-12	1 1/16-12 JIC	3/4 BSP	1 1/16-12 JIC
37-9060-14-12-14	1 3/16-12 JIC	3/4 BSP	1 3/16-12 JIC
37-9060-16-16-16	1 5/16-12 JIC	1 BSP	1 5/16-12 JIC
37-9060-20-20-20	1 5/8-12 JIC	1 1/4 BSP	1 5/8-12 JIC
37-9060-24-24-24	1 7/8-12 JIC	1 1/2 BSP	1 7/8-12 JIC
37-9060-32-32-32	2 1/2-12 JIC	2 BSP	2 1/2-12 JIC



37-9080

JIC SWIVEL FEMALE TEE

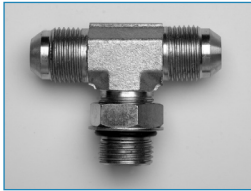
Item	Thread Size	Thread Size	Thread Size
37-9080-03-03-03	3/8-24 JIC	3/8-24 JIC	3/8-24 JIC
37-9080-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC
37-9080-05-05-05	1/2-20 JIC	1/2-20 JIC	1/2-20 JIC
37-9080-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-9080-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC
37-9080-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC
37-9080-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-9080-14-14-14	1 3/16-12 JIC	1 3/16-12 JIC	1 3/16-12 JIC
37-9080-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC
37-9080-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC
37-9080-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC
37-9080-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 1/2-12 JIC



37-9110

JIC MALE x JIC MALE x NPTF FIXED
FEMALE TEE

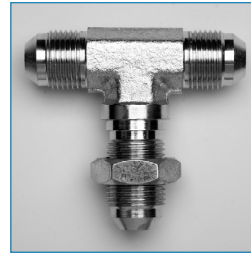
Item	Thread Size	Thread Size	Thread Size
37-9110-04-04-02	7/16-20 JIC	7/16-20 JIC	1/8 NPTF
37-9110-06-06-04	9/16-18 JIC	9/16-18 JIC	1/4 NPTF
37-9110-08-08-06	3/4-16 JIC	3/4-16 JIC	3/8 NPTF
37-9110-10-10-08	7/8-14 JIC	7/8-14 JIC	1/2 NPTF
37-9110-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	3/4 NPTF
37-9110-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 NPTF
37-9110-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 1/4 NPTF
37-9110-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 1/2 NPTF
37-9110-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 NPTF



37-9120

JIC MALE x JIC MALE x UNF ADJ MALE
TEE

Item	Thread Size	Thread Size	Thread Size
37-9120-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 UNF
37-9120-05-05-05	1/2-20 JIC	1/2-20 JIC	1/2-20 UNF
37-9120-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 UNF
37-9120-06-06-08	9/16-18 JIC	9/16-18 JIC	3/4-16 UNF
37-9120-08-08-06	3/4-16 JIC	3/4-16 JIC	9/16-18 UNF
37-9120-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 UNF
37-9120-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 UNF
37-9120-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 UNF
37-9120-14-14-14	1 3/16-12 JIC	1 3/16-12 JIC	1 3/16-12 UNF
37-9120-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 UNF
37-9120-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 UNF
37-9120-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 UNF
37-9120-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 1/2-12 UNF



37-9150

JIC MALE x JIC MALE x JIC MALE
BULKHEAD TEE

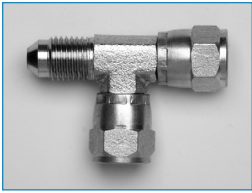
Item	Thread Size	Thread Size	Thread Size
37-9150-03-03-03	3/8-24 JIC	3/8-24 JIC	3/8-24 JIC
37-9150-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC
37-9150-05-05-05	1/2-20 JIC	1/2-20 JIC	1/2-20 JIC
37-9150-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-9150-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC
37-9150-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC
37-9150-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-9150-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC
37-9150-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC
37-9150-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC



37-9160

JIC MALE x JIC MALE BULKHEAD x JIC
MALE TEE

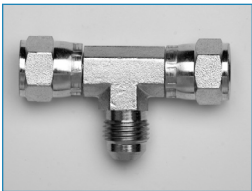
Item	Thread Size	Thread Size	Thread Size
37-9160-03-03-03	3/8-24 JIC	3/8-24 JIC	3/8-24 JIC
37-9160-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC
37-9160-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-9160-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC
37-9160-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC
37-9160-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-9160-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC
37-9160-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC
37-9160-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC



37-9170

JIC MALE X JIC SWIVEL FEMALE X JIC
SWIVEL FEMALE BRANCH TEE

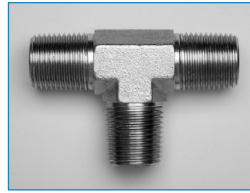
Item	Thread Size	Thread Size	Thread Size
37-9170-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC
37-9170-05-05-05	1/2-20 JIC	1/2-20 JIC	1/2-20 JIC
37-9170-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-9170-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC
37-9170-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC
37-9170-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-9170-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC
37-9170-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC
37-9170-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC
37-9170-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 1/2-12 JIC



37-9180

JIC SWIVEL FEMALE X JIC SWIVEL
FEMALE X JIC MALE BRANCH TEE

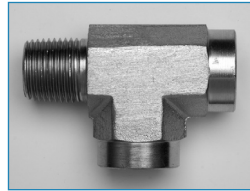
Item	Thread Size	Thread Size	Thread Size
37-9180-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC
37-9180-05-05-05	1/2-20 JIC	1/2-20 JIC	1/2-20 JIC
37-9180-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-9180-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC
37-9180-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC
37-9180-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-9180-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC
37-9180-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC
37-9180-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC
37-9180-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 1/2-12 JIC



50-5600

NPTF MALE TEE

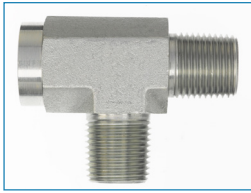
Item	Thread Size	Thread Size	Thread Size
50-5600-02-02-02	1/8 NPTF	1/8 NPTF	1/8 NPTF
50-5600-04-04-04	1/4 NPTF	1/4 NPTF	1/4 NPTF
50-5600-06-06-06	3/8 NPTF	3/8 NPTF	3/8 NPTF
50-5600-08-08-08	1/2 NPTF	1/2 NPTF	1/2 NPTF
50-5600-12-12-12	3/4 NPTF	3/4 NPTF	3/4 NPTF
50-5600-16-16-16	1 NPTF	1 NPTF	1 NPTF
50-5600-20-20-20	1 1/4 NPTF	1 1/4 NPTF	1 1/4 NPTF
50-5600-24-24-24	1 1/2 NPTF	1 1/2 NPTF	1 1/2 NPTF
50-5600-32-32-32	2 NPTF	2 NPTF	2 NPTF



50-5602

NPTF MALE x FIXED FEMALE x FIXED
FEMALE TEE

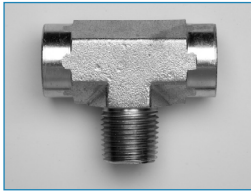
Item	Thread Size	Thread Size	Thread Size
50-5602-02-02-02	1/8 NPTF	1/8 NPTF	1/8 NPTF
50-5602-04-04-04	1/4 NPTF	1/4 NPTF	1/4 NPTF
50-5602-06-06-06	3/8 NPTF	3/8 NPTF	3/8 NPTF
50-5602-08-08-08	1/2 NPTF	1/2 NPTF	1/2 NPTF
50-5602-12-12-12	3/4 NPTF	3/4 NPTF	3/4 NPTF
50-5602-16-16-16	1 NPTF	1 NPTF	1 NPTF
50-5602-20-20-20	1 1/4 NPTF	1 1/4 NPTF	1 1/4 NPTF
50-5602-24-24-24	1 1/2 NPTF	1 1/2 NPTF	1 1/2 NPTF
50-5602-32-32-32	2 NPTF	2 NPTF	2 NPTF



50-5603

NPTF MALE x NPTF FIXED FEMALE x
NPTF MALE

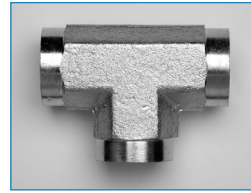
Item	Thread Size	Thread Size	Thread Size
50-5603-04-04-04	1/4 NPTF	1/4 NPTF	1/4 NPTF
50-5603-06-06-06	3/8 NPTF	3/8 NPTF	3/8 NPTF
50-5603-08-08-08	1/2 NPTF	1/2 NPTF	1/2 NPTF
50-5603-12-12-12	3/4 NPTF	3/4 NPTF	3/4 NPTF
50-5603-16-16-16	1 NPTF	1 NPTF	1 NPTF
50-5603-20-20-20	1 1/4 NPTF	1 1/4 NPTF	1 1/4 NPTF
50-5603-24-24-24	1 1/2 NPTF	1 1/2 NPTF	1 1/2 NPTF
50-5603-32-32-32	2 NPTF	2 NPTF	2 NPTF



50-5604

NPTF FIXED FEMALE x FIXED FEMALE x
NPTF MALE TEE

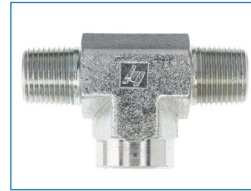
Item	Thread Size	Thread Size	Thread Size
50-5604-02-02-02	1/8 NPTF	1/8 NPTF	1/8 NPTF
50-5604-04-04-04	1/4 NPTF	1/4 NPTF	1/4 NPTF
50-5604-06-06-06	3/8 NPTF	3/8 NPTF	3/8 NPTF
50-5604-08-08-08	1/2 NPTF	1/2 NPTF	1/2 NPTF
50-5604-12-12-12	3/4 NPTF	3/4 NPTF	3/4 NPTF
50-5604-16-16-16	1 NPTF	1 NPTF	1 NPTF
50-5604-20-20-20	1 1/4 NPTF	1 1/4 NPTF	1 1/4 NPTF
50-5604-24-24-24	1 1/2 NPTF	1 1/2 NPTF	1 1/2 NPTF
50-5604-32-32-32	2 NPTF	2 NPTF	2 NPTF



50-5605

NPTF FIXED FEMALE TEE

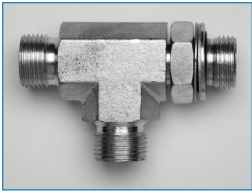
Item	Thread Size	Thread Size	Thread Size
50-5605-02-02-02	1/8 NPTF	1/8 NPTF	1/8 NPTF
50-5605-04-04-04	1/4 NPTF	1/4 NPTF	1/4 NPTF
50-5605-06-06-06	3/8 NPTF	3/8 NPTF	3/8 NPTF
50-5605-08-08-08	1/2 NPTF	1/2 NPTF	1/2 NPTF
50-5605-12-12-12	3/4 NPTF	3/4 NPTF	3/4 NPTF
50-5605-16-16-16	1 NPTF	1 NPTF	1 NPTF
50-5605-20-20-20	1 1/4 NPTF	1 1/4 NPTF	1 1/4 NPTF
50-5605-24-24-24	1 1/2 NPTF	1 1/2 NPTF	1 1/2 NPTF
50-5605-32-32-32	2 NPTF	2 NPTF	2 NPTF



5601-FG

MALE NPTF x MALE NPTF x FIXED
FEMALE NPTF TEE

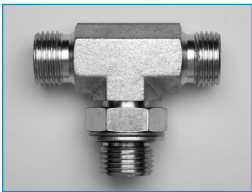
Item	Thread Size	Thread Size	Thread Size
5601-02-02-02-FG	1/8 NPTF	1/8 NPTF	1/8 NPTF
5601-04-04-04-FG	1/4 NPTF	1/4 NPTF	1/4 NPTF
5601-06-06-06-FG	3/8 NPTF	3/8 NPTF	3/8 NPTF
5601-08-08-08-FG	1/2 NPTF	1/2 NPTF	1/2 NPTF
5601-12-12-12-FG	3/4 NPTF	3/4 NPTF	3/4 NPTF
5601-16-16-16-FG	1 NPTF	1 NPTF	1 NPTF
5601-20-20-20-FG	1 1/4 NPTF	1 1/4 NPTF	1 1/4 NPTF
5601-24-24-24-FG	1 1/2 NPTF	1 1/2 NPTF	1 1/2 NPTF
5601-32-32-32-FG	2 NPTF	2 NPTF	2 NPTF



60-2009

BSP MALE x BSP ADJ MALE x BSP MALE
TEE

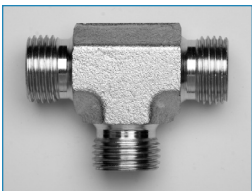
Item	Thread Size	Thread Size	Thread Size
60-2009-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP
60-2009-06-04-06	3/8 BSP	1/4 BSP	3/8 BSP
60-2009-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP
60-2009-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP
60-2009-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP
60-2009-16-16-16	1 BSP	1 BSP	1 BSP



60-2011

BSP MALE x BSP MALE x BSP ADJ MALE
TEE

Item	Thread Size	Thread Size	Thread Size
60-2011-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP
60-2011-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP
60-2011-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP
60-2011-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP
60-2011-16-16-16	1 BSP	1 BSP	1 BSP



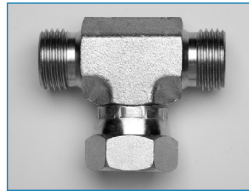
60-3001

BSP MALE TEE

Item	Thread Size	Thread Size	Thread Size
60-3001-02-02-02	1/8 BSP	1/8 BSP	1/8 BSP
60-3001-02-02-04	1/8 BSP	1/8 BSP	1/4 BSP
60-3001-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP
60-3001-04-04-06	1/4 BSP	1/4 BSP	3/8 BSP
60-3001-04-08-04	1/4 BSP	1/2 BSP	1/4 BSP
60-3001-06-04-06	3/8 BSP	1/4 BSP	3/8 BSP
60-3001-06-06-04	3/8 BSP	3/8 BSP	1/4 BSP

Continued...

Item	Thread Size	Thread Size	Thread Size
60-3001-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP
60-3001-06-06-08	3/8 BSP	3/8 BSP	1/2 BSP
60-3001-06-08-06	3/8 BSP	1/2 BSP	3/8 BSP
60-3001-08-08-04	1/2 BSP	1/2 BSP	1/4 BSP
60-3001-08-08-06	1/2 BSP	1/2 BSP	3/8 BSP
60-3001-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP
60-3001-08-12-08	1/2 BSP	3/4 BSP	1/2 BSP
60-3001-08-12-12	1/2 BSP	3/4 BSP	3/4 BSP
60-3001-10-10-08	5/8 BSP	5/8 BSP	1/2 BSP
60-3001-10-10-10	5/8 BSP	5/8 BSP	5/8 BSP
60-3001-12-12-04	3/4 BSP	3/4 BSP	1/4 BSP
60-3001-12-12-06	3/4 BSP	3/4 BSP	3/8 BSP
60-3001-12-12-08	3/4 BSP	3/4 BSP	1/2 BSP
60-3001-12-12-10	3/4 BSP	3/4 BSP	5/8 BSP
60-3001-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP
60-3001-12-16-12	3/4 BSP	1 BSP	3/4 BSP
60-3001-16-16-04	1 BSP	1 BSP	1/4 BSP
60-3001-16-16-06	1 BSP	1 BSP	3/8 BSP
60-3001-16-16-08	1 BSP	1 BSP	1/2 BSP
60-3001-16-16-10	1 BSP	1 BSP	5/8 BSP
60-3001-16-16-12	1 BSP	1 BSP	3/4 BSP
60-3001-16-16-16	1 BSP	1 BSP	1 BSP
60-3001-20-20-12	1 1/4 BSP	1 1/4 BSP	3/4 BSP
60-3001-20-20-16	1 1/4 BSP	1 1/4 BSP	1 BSP
60-3001-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP
60-3001-24-24-12	1 1/2 BSP	1 1/2 BSP	3/4 BSP
60-3001-24-24-24	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP
60-3001-32-32-32	2 BSP	2 BSP	2 BSP



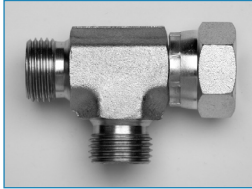
60-3002

BSP MALE x MALE x FEMALE SWIVEL
TEE

Item	Thread Size	Thread Size	Thread Size
60-3002-02-02-02	1/8 BSP	1/8 BSP	1/8 BSP
60-3002-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP
60-3002-04-04-06	1/4 BSP	1/4 BSP	1/2 BSP
60-3002-04-08-08	1/4 BSP	1/2 BSP	1/2 BSP
60-3002-06-06-04	3/8 BSP	3/8 BSP	1/4 BSP
60-3002-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP
60-3002-06-06-08	3/8 BSP	3/8 BSP	1/2 BSP
60-3002-06-08-08	3/8 BSP	1/2 BSP	1/2 BSP
60-3002-08-08-04	1/2 BSP	1/2 BSP	1/4 BSP
60-3002-08-08-06	1/2 BSP	1/2 BSP	3/8 BSP
60-3002-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP
60-3002-08-12-12	1/2 BSP	3/4 BSP	3/4 BSP
60-3002-08-12-16	1/2 BSP	3/4 BSP	1 BSP
60-3002-10-10-10	5/8 BSP	5/8 BSP	5/8 BSP
60-3002-12-12-08	3/4 BSP	3/4 BSP	1/2 BSP
60-3002-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP
60-3002-16-12-12	1 BSP	3/4 BSP	3/4 BSP
60-3002-16-12-16	1 BSP	3/4 BSP	1 BSP

Continued...

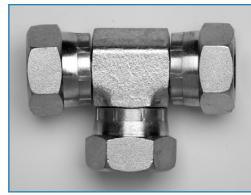
Item	Thread Size	Thread Size	Thread Size
60-3002-16-16-06	1 BSP	1 BSP	3/8 BSP
60-3002-16-16-08	1 BSP	1 BSP	1/2 BSP
60-3002-16-16-12	1 BSP	1 BSP	3/4 BSP
60-3002-16-16-16	1 BSP	1 BSP	1 BSP
60-3002-20-20-16	1 1/4 BSP	1 1/4 BSP	1 BSP
60-3002-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP
60-3002-24-24-24	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP
60-3002-32-32-32	2 BSP	2 BSP	2 BSP



60-3003

BSP MALE x FEMALE SWIVEL x MALE TEE

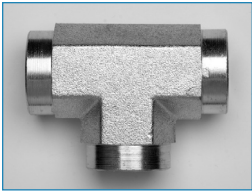
Item	Thread Size	Thread Size	Thread Size
60-3003-02-02-02	1/8 BSP	1/8 BSP	1/8 BSP
60-3003-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP
60-3003-06-06-04	3/8 BSP	3/8 BSP	1/4 BSP
60-3003-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP
60-3003-06-06-08	3/8 BSP	3/8 BSP	1/2 BSP
60-3003-06-08-06	3/8 BSP	1/2 BSP	3/8 BSP
60-3003-06-08-08	3/8 BSP	1/2 BSP	1/2 BSP
60-3003-08-08-04	1/2 BSP	1/2 BSP	1/4 BSP
60-3003-08-08-06	1/2 BSP	1/2 BSP	3/8 BSP
60-3003-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP
60-3003-08-12-08	1/2 BSP	3/4 BSP	1/2 BSP
60-3003-10-10-10	5/8 BSP	5/8 BSP	5/8 BSP
60-3003-12-12-04	3/4 BSP	3/4 BSP	1/4 BSP
60-3003-12-12-06	3/4 BSP	3/4 BSP	3/8 BSP
60-3003-12-12-08	3/4 BSP	3/4 BSP	1/2 BSP
60-3003-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP
60-3003-16-16-04	1 BSP	1 BSP	1/4 BSP
60-3003-16-16-06	1 BSP	1 BSP	3/8 BSP
60-3003-16-16-08	1 BSP	1 BSP	1/2 BSP
60-3003-16-16-12	1 BSP	1 BSP	3/4 BSP
60-3003-16-16-16	1 BSP	1 BSP	1 BSP
60-3003-20-20-08	1 1/4 BSP	1 1/4 BSP	1/2 BSP
60-3003-20-20-12	1 1/4 BSP	1 1/4 BSP	3/4 BSP
60-3003-20-20-16	1 1/4 BSP	1 1/4 BSP	1 BSP
60-3003-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP
60-3003-24-24-12	1 1/2 BSP	1 1/2 BSP	3/4 BSP
60-3003-24-24-24	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP
60-3003-32-32-32	2 BSP	2 BSP	2 BSP



60-3004

BSP FEMALE SWIVEL TEE

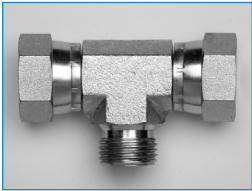
Item	Thread Size	Thread Size	Thread Size
60-3004-02-02-02	1/8 BSP	1/8 BSP	1/8 BSP
60-3004-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP
60-3004-04-04-06	1/4 BSP	1/4 BSP	3/8 BSP
60-3004-06-06-04	3/8 BSP	3/8 BSP	1/4 BSP
60-3004-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP
60-3004-08-08-04	1/2 BSP	1/2 BSP	1/4 BSP
60-3004-08-08-06	1/2 BSP	1/2 BSP	3/8 BSP
60-3004-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP
60-3004-10-10-10	5/8 BSP	5/8 BSP	5/8 BSP
60-3004-12-12-08	3/4 BSP	3/4 BSP	1/2 BSP
60-3004-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP
60-3004-12-12-16	3/4 BSP	3/4 BSP	1 BSP
60-3004-16-16-08	1 BSP	1 BSP	1/2 BSP
60-3004-16-16-12	1 BSP	1 BSP	3/4 BSP
60-3004-16-16-16	1 BSP	1 BSP	1 BSP
60-3004-20-20-12	1 1/4 BSP	1 1/4 BSP	3/4 BSP
60-3004-20-20-16	1 1/4 BSP	1 1/4 BSP	1 BSP
60-3004-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP
60-3004-24-24-24	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP
60-3004-32-32-32	2 BSP	2 BSP	2 BSP
60-3004-40-40-40	2 1/2 BSP	2 1/2 BSP	2 1/2 BSP



60-3005

BSP FIXED FEMALE TEE

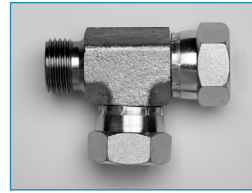
Item	Thread Size	Thread Size	Thread Size
60-3005-02-02-02	1/8 BSP	1/8 BSP	1/8 BSP
60-3005-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP
60-3005-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP
60-3005-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP
60-3005-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP
60-3005-16-16-16	1 BSP	1 BSP	1 BSP
60-3005-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP
60-3005-24-24-24	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP
60-3005-32-32-32	2 BSP	2 BSP	2 BSP



60-3006

BSP SWIVEL FEMALE x FEMALE
x MALE TEE

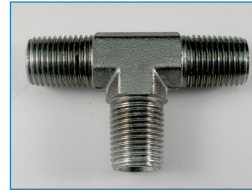
Item	Thread Size	Thread Size	Thread Size
60-3006-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP
60-3006-06-06-04	3/8 BSP	3/8 BSP	1/4 BSP
60-3006-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP
60-3006-08-08-04	1/2 BSP	1/2 BSP	1/4 BSP
60-3006-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP
60-3006-10-10-10	5/8 BSP	5/8 BSP	5/8 BSP
60-3006-12-12-04	3/4 BSP	3/4 BSP	1/4 BSP
60-3006-12-12-06	3/4 BSP	3/4 BSP	3/8 BSP
60-3006-12-12-08	3/4 BSP	3/4 BSP	1/2 BSP
60-3006-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP
60-3006-16-16-08	1 BSP	1 BSP	1/2 BSP
60-3006-16-16-12	1 BSP	1 BSP	3/4 BSP
60-3006-16-16-16	1 BSP	1 BSP	1 BSP
60-3006-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP
60-3006-24-24-24	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP
60-3006-32-32-32	2 BSP	2 BSP	2 BSP



60-3007

BSP MALE x SWIVEL FEMALE
x FEMALE TEE

Item	Thread Size	Thread Size	Thread Size
60-3007-02-02-02	1/8 BSP	1/8 BSP	1/8 BSP
60-3007-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP
60-3007-06-06-04	3/8 BSP	3/8 BSP	1/4 BSP
60-3007-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP
60-3007-06-06-08	3/8 BSP	3/8 BSP	1/2 BSP
60-3007-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP
60-3007-10-10-10	5/8 BSP	5/8 BSP	5/8 BSP
60-3007-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP
60-3007-16-16-16	1 BSP	1 BSP	1 BSP
60-3007-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP
60-3007-24-24-24	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP
60-3007-32-32-32	2 BSP	2 BSP	2 BSP



60-3400

BSPT MALE TEE

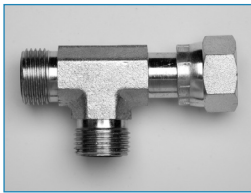
Item	Thread Size	Thread Size	Thread Size
60-3400-02-02-02	1/8 BSPT	1/8 BSPT	1/8 BSPT
60-3400-04-04-04	1/4 BSPT	1/4 BSPT	1/4 BSPT
60-3400-06-06-06	3/8 BSPT	3/8 BSPT	3/8 BSPT
60-3400-08-08-08	1/2 BSPT	1/2 BSPT	1/2 BSPT
60-3400-12-12-12	3/4 BSPT	3/4 BSPT	3/4 BSPT
60-3400-16-16-16	1 BSPT	1 BSPT	1 BSPT
60-3400-20-20-20	1 1/4 BSPT	1 1/4 BSPT	1 1/4 BSPT
60-3400-24-24-24	1 1/2 BSPT	1 1/2 BSPT	1 1/2 BSPT
60-3400-32-32-32	2 BSPT	2 BSPT	2 BSPT



OR-9000

ORFS MALE TEE

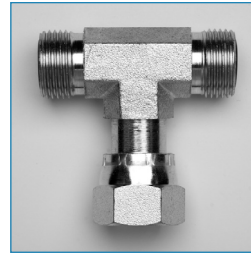
Item	Thread Size	Thread Size	Thread Size
OR-9000-04-04-04	9/16-18 ORFS	9/16-18 ORFS	9/16-18 ORFS
OR-9000-06-06-06	11/16-16 ORFS	11/16-16 ORFS	11/16-16 ORFS
OR-9000-08-08-08	13/16-16 ORFS	13/16-16 ORFS	13/16-16 ORFS
OR-9000-10-10-10	1-14 ORFS	1-14 ORFS	1-14 ORFS
OR-9000-12-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-9000-16-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-9000-20-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS	1 11/16-12 ORFS
OR-9000-24-24-24	2-12 ORFS	2-12 ORFS	2-12 ORFS



OR-9010

ORFS MALE x ORFS FEMALE
x ORFS MALE TEE

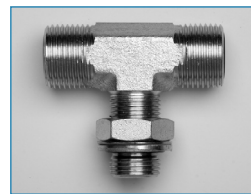
Item	Thread Size	Thread Size	Thread Size
OR-9010-04-04-04	9/16-18 ORFS	9/16-18 ORFS	9/16-18 ORFS
OR-9010-06-06-06	11/16-16 ORFS	11/16-16 ORFS	11/16-16 ORFS
OR-9010-08-08-08	13/16-16 ORFS	13/16-16 ORFS	13/16-16 ORFS
OR-9010-10-10-10	1-14 ORFS	1-14 ORFS	1-14 ORFS
OR-9010-12-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-9010-16-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-9010-20-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS	1 11/16-12 ORFS
OR-9010-24-24-24	2-12 ORFS	2-12 ORFS	2-12 ORFS



OR-9020

ORFS MALE x ORFS MALE
x ORFS FEMALE TEE

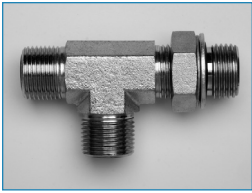
Item	Thread Size	Thread Size	Thread Size
OR-9020-04-04-04	9/16-18 ORFS	9/16-18 ORFS	9/16-18 ORFS
OR-9020-06-06-06	11/16-16 ORFS	11/16-16 ORFS	11/16-16 ORFS
OR-9020-08-08-08	13/16-16 ORFS	13/16-16 ORFS	13/16-16 ORFS
OR-9020-10-10-10	1-14 ORFS	1-14 ORFS	1-14 ORFS
OR-9020-12-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-9020-16-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-9020-20-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS	1 11/16-12 ORFS
OR-9020-24-24-24	2-12 ORFS	2-12 ORFS	2-12 ORFS



OR-9050

ORFS MALE x ORFS MALE
x BSP ADJ MALE TEE

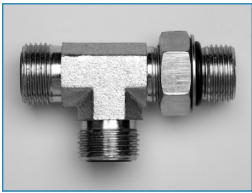
Item	Thread Size	Thread Size	Thread Size
OR-9050-04-04-02	9/16-18 ORFS	9/16-18 ORFS	1/8 BSP
OR-9050-06-06-04	11/16-16 ORFS	11/16-16 ORFS	1/4 BSP
OR-9050-08-08-06	13/16-16 ORFS	13/16-16 ORFS	3/8 BSP
OR-9050-12-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS	3/4 BSP
OR-9050-16-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS	1 BSP



OR-9060

ORFS MALE x BSP ADJ MALE
x ORFS MALE TEE

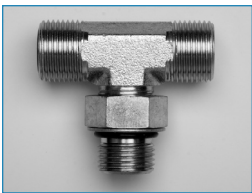
Item	Thread Size	Thread Size	Thread Size
OR-9060-04-04-04	9/16-18 ORFS	1/4 BSP	9/16-18 ORFS
OR-9060-06-04-06	11/16-16 ORFS	1/4 BSP	11/16-16 ORFS
OR-9060-08-06-08	13/16-16 ORFS	3/8 BSP	13/16-16 ORFS
OR-9060-08-08-08	1-14 ORFS	1/2 BSP	1-14 ORFS
OR-9060-12-12-12	1 3/16-12 ORFS	3/4 BSP	1 3/16-12 ORFS
OR-9060-16-16-16	1 7/16-12 ORFS	1 BSP	1 7/16-12 ORFS



OR-9070

ORFS MALE x UNF ADJ MALE
x ORFS MALE TEE

Item	Thread Size	Thread Size	Thread Size
OR-9070-04-04-04	9/16-18 ORFS	7/16-20 UNF	9/16-18 ORFS
OR-9070-06-06-06	11/16-16 ORFS	9/16-18 UNF	11/16-16 ORFS
OR-9070-08-08-08	13/16-16 ORFS	3/4-16 UNF	13/16-16 ORFS
OR-9070-10-10-10	1-14 ORFS	7/8-14 UNF	1-14 ORFS
OR-9070-12-12-12	1 3/16-12 ORFS	1 1/16-12 UNF	1 3/16-12 ORFS
OR-9070-16-16-16	1 7/16-12 ORFS	1 5/16-12 UNF	1 7/16-12 ORFS
OR-9070-20-20-20	1 11/16-12 ORFS	1 5/8-12 UNF	1 11/16-12 ORFS
OR-9070-24-24-24	2-12 ORFS	1 7/8-12 UNF	2-12 ORFS



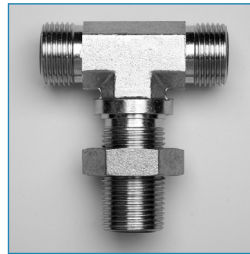
OR-9120

ORFS MALE x ORFS MALE
x UNF ADJ MALE TEE

Item	Thread Size	Thread Size	Thread Size
OR-9120-04-04-04	9/16-18 ORFS	9/16-18 ORFS	7/16-20 UNF
OR-9120-06-06-06	11/16-16 ORFS	11/16-16 ORFS	9/16-18 UNF
OR-9120-08-08-08	13/16-16 ORFS	13/16-16 ORFS	3/4-16 UNF

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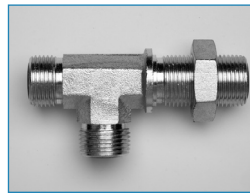
Item	Thread Size	Thread Size	Thread Size
OR-9120-10-10-10	1-14 ORFS	1-14 ORFS	7/8-14 UNF
OR-9120-12-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS	1 1/16-12 UNF
OR-9120-16-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS	1 5/16-12 UNF
OR-9120-20-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS	1 5/8-12 UNF
OR-9120-24-24-24	2-12 ORFS	2-12 ORFS	1 7/8-12 UNF



OR-9150

ORFS MALE x ORFS MALE
x ORFS BULKHEAD MALE TEE

Item	Thread Size	Thread Size	Thread Size
OR-9150-04-04-04	9/16-18 ORFS	9/16-18 ORFS	9/16-18 ORFS
OR-9150-06-06-06	11/16-16 ORFS	11/16-16 ORFS	11/16-16 ORFS
OR-9150-08-08-08	13/16-16 ORFS	13/16-16 ORFS	13/16-16 ORFS
OR-9150-10-10-10	1-14 ORFS	1-14 ORFS	1-14 ORFS
OR-9150-12-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS	1 3/16-12 ORFS



OR-9160

ORFS MALE x ORFS BULKHEAD MALE
x ORFS MALE TEE

Item	Thread Size	Thread Size	Thread Size
OR-9160-04-04-04	9/16-18 ORFS	9/16-18 ORFS	9/16-18 ORFS
OR-9160-06-06-06	11/16-16 ORFS	11/16-16 ORFS	11/16-16 ORFS
OR-9160-08-08-08	13/16-16 ORFS	13/16-16 ORFS	13/16-16 ORFS
OR-9160-10-10-10	1-14 ORFS	1-14 ORFS	1-14 ORFS
OR-9160-12-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-9160-16-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS	1 7/16-12 ORFS

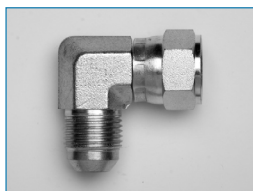
90° COMPACT ELBOW ADAPTORS



37-8000

JIC MALE x JIC MALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
37-8000-02-02	5/16-20 JIC	5/16-20 JIC
37-8000-03-03	3/8-24 JIC	3/8-24 JIC
37-8000-04-04	7/16-20 JIC	7/16-20 JIC
37-8000-05-05	1/2-20 JIC	1/2-20 JIC
37-8000-06-04	9/16-18 JIC	7/16-20 JIC
37-8000-06-06	9/16-18 JIC	9/16-18 JIC
37-8000-08-06	3/4-16 JIC	9/16-18 JIC
37-8000-08-08	3/4-16 JIC	3/4-16 JIC
37-8000-10-08	7/8-14 JIC	3/4-16 JIC
37-8000-10-10	7/8-14 JIC	7/8-14 JIC
37-8000-12-08	1 1/16-12 JIC	3/4-16 JIC
37-8000-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-8000-14-14	1 3/16-12 JIC	1 3/16-12 JIC
37-8000-16-12	1 5/16-12 JIC	1 1/16-12 JIC
37-8000-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-8000-20-16	1 5/8-12 JIC	1 5/16-12 JIC
37-8000-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-8000-24-24	1 7/8-12 JIC	1 7/8-12 JIC
37-8000-32-32	2 1/2-12 JIC	2 1/2-12 JIC



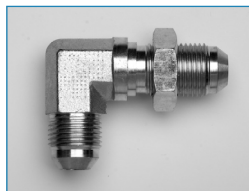
37-8010

JIC MALE x JIC SWIVEL FEMALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
37-8010-02-02	5/16-20 JIC	5/16-20 JIC
37-8010-03-03	3/8-24 JIC	3/8-24 JIC
37-8010-04-04	7/16-20 JIC	7/16-20 JIC
37-8010-04-06	7/16-20 JIC	9/16-18 JIC
37-8010-05-05	1/2-20 JIC	1/2-20 JIC
37-8010-05-06	1/2-20 JIC	9/16-18 JIC
37-8010-06-04	9/16-18 JIC	7/16-20 JIC
37-8010-06-06	9/16-18 JIC	9/16-18 JIC
37-8010-06-08	9/16-18 JIC	3/4-16 JIC
37-8010-08-06	3/4-16 JIC	9/16-18 JIC
37-8010-08-08	3/4-16 JIC	3/4-16 JIC
37-8010-08-10	3/4-16 JIC	7/8-14 JIC
37-8010-10-08	7/8-14 JIC	3/4-16 JIC
37-8010-10-10	7/8-14 JIC	7/8-14 JIC
37-8010-10-12	7/8-14 JIC	1 1/16-12 JIC

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Item	Thread Size	Thread Size
37-8010-12-08	1 1/16-12 JIC	3/4-16 JIC
37-8010-12-10	1 1/16-12 JIC	7/8-14 JIC
37-8010-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-8010-12-16	1 1/16-12 JIC	1 5/16-12 JIC
37-8010-14-14	1 3/16-12 JIC	1 3/16-12 JIC
37-8010-16-12	1 5/16-12 JIC	1 1/16-12 JIC
37-8010-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-8010-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-8010-24-24	1 7/8-12 JIC	1 7/8-12 JIC
37-8010-32-32	2 1/2-12 JIC	2 1/2-12 JIC

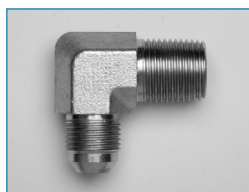


37-8020

JIC MALE x JIC BULKHEAD MALE
90° COMPACT ELBOW

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
37-8020-02-02	5/16-24 JIC	5/16-24 JIC
37-8020-03-03	3/8-24 JIC	3/8-24 JIC
37-8020-04-04	7/16-20 JIC	7/16-20 JIC
37-8020-04-06	7/16-20 JIC	9/16-18 JIC
37-8020-05-05	1/2-20 JIC	1/2-20 JIC
37-8020-06-06	9/16-18 JIC	9/16-18 JIC
37-8020-08-08	3/4-16 JIC	3/4-16 JIC
37-8020-10-10	7/8-14 JIC	7/8-14 JIC
37-8020-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-8020-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-8020-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-8020-24-24	1 7/8-12 JIC	1 7/8-12 JIC



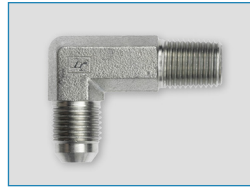
37-8030

JIC MALE x NPTF MALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
37-8030-02-02	5/16-24 JIC	1/8 NPTF
37-8030-03-02	3/8-24 JIC	1/8 NPTF
37-8030-04-02	7/16-20 JIC	1/8 NPTF
37-8030-04-04	7/16-20 JIC	1/4 NPTF
37-8030-04-06	7/16-20 JIC	3/8 NPTF
37-8030-04-08	7/16-20 JIC	1/2 NPTF
37-8030-05-02	1/2-20 JIC	1/8 NPTF
37-8030-05-04	1/2-20 JIC	1/4 NPTF
37-8030-06-02	9/16-18 JIC	1/8 NPTF
37-8030-06-04	9/16-18 JIC	1/4 NPTF
37-8030-06-06	9/16-18 JIC	3/8 NPTF

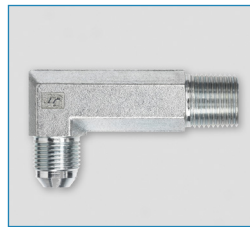
Continued...

Item	Thread Size	Thread Size
37-8030-06-08	9/16-18 JIC	1/2 NPTF
37-8030-06-12	9/16-18 JIC	3/4 NPTF
37-8030-08-04	3/4-16 JIC	1/4 NPTF
37-8030-08-06	3/4-16 JIC	3/8 NPTF
37-8030-08-08	3/4-16 JIC	1/2 NPTF
37-8030-08-12	3/4-16 JIC	3/4 NPTF
37-8030-08-16	3/4-16 JIC	1 NPTF
37-8030-10-06	7/8-14 JIC	3/8 NPTF
37-8030-10-08	7/8-14 JIC	1/2 NPTF
37-8030-10-12	7/8-14 JIC	3/4 NPTF
37-8030-10-16	7/8-14 JIC	1 NPTF
37-8030-12-06	1 1/16-12 JIC	3/8 NPTF
37-8030-12-08	1 1/16-12 JIC	1/2 NPTF
37-8030-12-12	1 1/16-12 JIC	3/4 NPTF
37-8030-12-16	1 1/16-12 JIC	1 NPTF
37-8030-12-20	1 1/16-12 JIC	1 1/4 NPTF
37-8030-16-08	1 5/16-12 JIC	1/2 NPTF
37-8030-16-12	1 5/16-12 JIC	3/4 NPTF
37-8030-16-16	1 5/16-12 JIC	1 NPTF
37-8030-16-20	1 5/16-12 JIC	1 1/4 NPTF
37-8030-16-24	1 5/16-12 JIC	1 1/2 NPTF
37-8030-20-16	1 5/8-12 JIC	1 NPTF
37-8030-20-20	1 5/8-12 JIC	1 1/4 NPTF
37-8030-20-24	1 5/8-12 JIC	1 1/2 NPTF
37-8030-24-16	1 7/8-12 JIC	1 NPTF
37-8030-24-20	1 7/8-12 JIC	1 1/4 NPTF
37-8030-24-24	1 7/8-12 JIC	1 1/2 NPTF
37-8030-32-20	2 1/2-12 JIC	1 1/4 NPTF
37-8030-32-24	2 1/2-12 JIC	1 1/2 NPTF
37-8030-32-32	2 1/2-12 JIC	2 NPTF



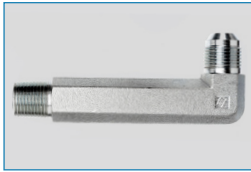
37-8030-L
JIC MALE x NPTF MALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
37-8030-L-04-04	7/16-20 JIC	1/4 NPTF
37-8030-L-06-04	9/16-18 JIC	1/4 NPTF
37-8030-L-06-06	9/16-18 JIC	3/8 NPTF
37-8030-L-08-06	3/4-16 JIC	3/8 NPTF
37-8030-L-08-08	3/4-16 JIC	1/2 NPTF
37-8030-L-10-08	7/8-14 JIC	1/2 NPTF
37-8030-L-12-12	1 1/16-12 JIC	3/4 NPTF
37-8030-L-16-16	1 5/16-12 JIC	1 NPTF



37-8030-LL
JIC MALE x NPTF MALE
90° LONG COMPACT ELBOW

Item	Thread Size	Thread Size
37-8030-LL-04-04	7/16-20 JIC	1/4 NPTF
37-8030-LL-06-04	9/16-18 JIC	1/4 NPTF
37-8030-LL-06-06	9/16-18 JIC	3/8 NPTF
37-8030-LL-08-06	3/4-16 JIC	3/8 NPTF
37-8030-LL-08-08	3/4-16 JIC	1/2 NPTF
37-8030-LL-10-08	7/8-14 JIC	1/2 NPTF
37-8030-LL-12-08	1 1/16-12 JIC	1/2 NPTF
37-8030-LL-12-12	1 1/16-12 JIC	3/4 NPTF
37-8030-LL-16-16	1 5/16-12 JIC	1 NPTF
37-8030-LL-20-20	1 5/8-12 JIC	1 1/4 NPTF

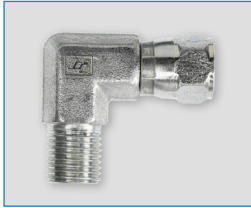


37-8030-LLL

JIC MALE x NPTF MALE

90° EXTRA LONG COMPACT ELBOW

Item	Thread Size	Thread Size
37-8030-LLL-04-04	7/16-20 JIC	1/4 NPTF
37-8030-LLL-06-04	9/16-18 JIC	1/4 NPTF
37-8030-LLL-06-06	9/16-18 JIC	3/8 NPTF
37-8030-LLL-08-06	3/4-16 JIC	3/8 NPTF
37-8030-LLL-08-08	3/4-16 JIC	1/2 NPTF
37-8030-LLL-10-08	7/8-14 JIC	1/2 NPTF
37-8030-LLL-12-08	1 1/16-12 JIC	1/2 NPTF
37-8030-LLL-12-12	1 1/16-12 JIC	3/4 NPTF
37-8030-LLL-16-16	1 5/16-12 JIC	1 NPTF
37-8030-LLL-20-20	1 5/8-12 JIC	1 1/4 NPTF

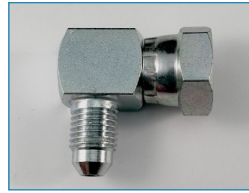


37-8031

BSP MALE x JIC SWIVEL FEMALE

90° COMPACT ELBOW

Item	Thread Size	Thread Size
37-8031-04-04	1/4 BSP	7/16-20 JIC
37-8031-04-05	1/4 BSP	1/2-20 JIC
37-8031-04-06	1/4 BSP	9/16-18 JIC
37-8031-06-06	3/8 BSP	9/16-18 JIC
37-8031-06-08	3/8 BSP	3/4-16 JIC
37-8031-08-06	1/2 BSP	9/16-18 JIC
37-8031-08-08	1/2 BSP	3/4-16 JIC
37-8031-08-10	1/2 BSP	7/8-14 JIC
37-8031-10-10	5/8 BSP	7/8-14 JIC
37-8031-12-12	3/4 BSP	1 1/16-12 JIC
37-8031-12-16	3/4 BSP	1 5/16-12 JIC
37-8031-16-10	1 BSP	7/8-14 JIC
37-8031-16-16	1 BSP	1 5/16-12 JIC

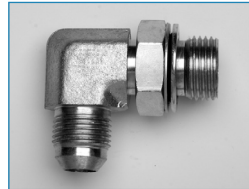


37-8032

JIC MALE x BSP SWIVEL FEMALE

90° COMPACT ELBOW

Item	Thread Size	Thread Size
37-8032-04-04	7/16-20 JIC	1/4 BSP
37-8032-06-04	9/16-18 JIC	1/4 BSP
37-8032-06-06	9/16-18 JIC	3/8 BSP
37-8032-08-06	3/4-16 JIC	3/8 BSP
37-8032-08-08	3/4-16 JIC	1/2 BSP
37-8032-10-08	7/8-14 JIC	1/2 BSP
37-8032-12-12	1 1/16-12 JIC	3/4 BSP
37-8032-16-16	1 5/16-12 JIC	1 BSP
37-8032-20-20	1 5/8-12 JIC	1 1/4 BSP
37-8032-24-24	1 7/8-12 JIC	1 1/2 BSP



37-8040

JIC MALE x BSP MALE ADJ

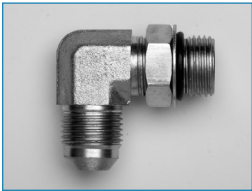
90° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING & O-RING

Item	Thread Size	Thread Size
37-8040-04-02	7/16-20 JIC	1/8 BSP
37-8040-04-04	7/16-20 JIC	1/4 BSP
37-8040-04-06	7/16-20 JIC	3/8 BSP
37-8040-04-08	7/16-20 JIC	1/2 BSP
37-8040-05-04	1/2-20 JIC	1/4 BSP
37-8040-05-06	1/2-20 JIC	3/8 BSP
37-8040-06-02	9/16-18 JIC	1/8 BSP
37-8040-06-04	9/16-18 JIC	1/4 BSP
37-8040-06-06	9/16-18 JIC	3/8 BSP
37-8040-06-08	9/16-18 JIC	1/2 BSP
37-8040-06-12	9/16-18 JIC	3/4 BSP
37-8040-08-04	3/4-16 JIC	1/4 BSP
37-8040-08-06	3/4-16 JIC	3/8 BSP
37-8040-08-08	3/4-16 JIC	1/2 BSP
37-8040-08-12	3/4-16 JIC	3/4 BSP
37-8040-08-16	3/4-16 JIC	1 BSP
37-8040-10-06	7/8-14 JIC	3/8 BSP
37-8040-10-08	7/8-14 JIC	1/2 BSP
37-8040-10-12	7/8-14 JIC	3/4 BSP
37-8040-12-06	1 1/16-12 JIC	3/8 BSP
37-8040-12-08	1 1/16-12 JIC	1/2 BSP
37-8040-12-10	1 1/16-12 JIC	5/8 BSP
37-8040-12-12	1 1/16-12 JIC	3/4 BSP
37-8040-12-16	1 1/16-12 JIC	1 BSP
37-8040-12-20	1 1/16-12 JIC	1 1/4 BSP
37-8040-16-08	1 5/16-12 JIC	1/2 BSP
37-8040-16-12	1 5/16-12 JIC	3/4 BSP

Continued...

Item	Thread Size	Thread Size
37-8040-16-16	1 5/16-12 JIC	1 BSP
37-8040-16-20	1 5/16-12 JIC	1 1/4 BSP
37-8040-20-12	1 5/8-12 JIC	3/4 BSP
37-8040-20-16	1 5/8-12 JIC	1 BSP
37-8040-20-20	1 5/8-12 JIC	1 1/4 BSP
37-8040-20-24	1 5/8-12 JIC	1 1/2 BSP
37-8040-24-16	1 7/8-12 JIC	1 BSP
37-8040-24-20	1 7/8-12 JIC	1 1/4 BSP
37-8040-24-24	1 7/8-12 JIC	1 1/2 BSP
37-8040-24-32	1 7/8-12 JIC	2 BSP
37-8040-32-24	2 1/2-12 JIC	1 1/2 BSP
37-8040-32-32	2 1/2-12 JIC	2 BSP



37-8050

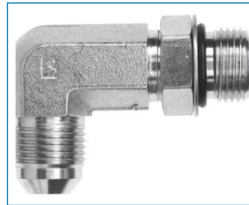
JIC MALE x UNF MALE ADJ
90° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING & O-RING

Item	Thread Size	Thread Size
37-8050-02-02	5/16-24 JIC	5/16-24 UNF
37-8050-02-04	5/16-24 JIC	7/16-20 UNF
37-8050-03-03	3/8-24 JIC	3/8-24 UNF
37-8050-03-04	3/8-24 JIC	7/16-20 UNF
37-8050-04-03	7/16-20 JIC	3/8-24 UNF
37-8050-04-04	7/16-20 JIC	7/16-20 UNF
37-8050-04-05	7/16-20 JIC	1/2-20 UNF
37-8050-04-06	7/16-20 JIC	9/16-18 UNF
37-8050-04-08	7/16-20 JIC	3/4-16 UNF
37-8050-04-10	7/16-20 JIC	7/8-14 UNF
37-8050-05-04	1/2-20 JIC	7/16-20 UNF
37-8050-05-05	1/2-20 JIC	1/2-20 UNF
37-8050-05-06	1/2-20 JIC	9/16-18 UNF
37-8050-05-08	1/2-20 JIC	3/4-16 UNF
37-8050-06-04	9/16-18 JIC	7/16-20 UNF
37-8050-06-05	9/16-18 JIC	1/2-20 UNF
37-8050-06-06	9/16-18 JIC	9/16-18 UNF
37-8050-06-08	9/16-18 JIC	3/4-16 UNF
37-8050-06-10	9/16-18 JIC	7/8-14 UNF
37-8050-06-12	9/16-18 JIC	1 1/16-12 UNF
37-8050-08-06	3/4-16 JIC	9/16-18 UNF
37-8050-08-08	3/4-16 JIC	3/4-16 UNF
37-8050-08-10	3/4-16 JIC	7/8-14 UNF
37-8050-08-12	3/4-16 JIC	1 1/16-12 UNF
37-8050-08-16	3/4-16 JIC	1 5/16-12 UNF
37-8050-10-06	7/8-14 JIC	9/16-18 UNF
37-8050-10-08	7/8-14 JIC	3/4-16 UNF
37-8050-10-10	7/8-14 JIC	7/8-14 UNF
37-8050-10-12	7/8-14 JIC	1 1/16-12 UNF
37-8050-12-08	1 1/16-12 JIC	3/4-16 UNF
37-8050-12-10	1 1/16-12 JIC	7/8-14 UNF
37-8050-12-12	1 1/16-12 JIC	1 1/16-12 UNF
37-8050-12-16	1 1/16-12 JIC	1 5/16-12 UNF
37-8050-12-20	1 1/16-12 JIC	1 5/8-12 UNF
37-8050-14-12	1 3/16-12 JIC	1 1/16-12 UNF
37-8050-14-14	1 3/16-12 JIC	1 3/16-12 UNF
37-8050-16-10	1 5/16-12 JIC	7/8-14 UNF
37-8050-16-12	1 5/16-12 JIC	1 1/16-12 UNF

Continued...

Item	Thread Size	Thread Size
37-8050-16-16	1 5/16-12 JIC	1 5/16-12 UNF
37-8050-16-20	1 5/16-12 JIC	1 5/8-12 UNF
37-8050-20-12	1 5/8-12 JIC	1 1/16-12 UNF
37-8050-20-16	1 5/8-12 JIC	1 5/16-12 UNF
37-8050-20-20	1 5/8-12 JIC	1 5/8-12 UNF
37-8050-20-24	1 5/8-12 JIC	1 7/8-12 UNF
37-8050-24-16	1 7/8-12 JIC	1 5/16-12 UNF
37-8050-24-20	1 7/8-12 JIC	1 5/8-12 UNF
37-8050-24-24	1 7/8-12 JIC	1 7/8-12 UNF
37-8050-32-16	2 1/2-12 JIC	1 5/16-12 UNF
37-8050-32-20	2 1/2-12 JIC	1 5/8-12 UNF
37-8050-32-24	2 1/2-12 JIC	1 7/8-12 UNF
37-8050-32-32	2 1/2-12 JIC	2 1/2-12 UNF



37-8050-L

JIC MALE x UNF MALE ADJ
90° COMPACT ELBOW (LONG)

Item	Thread Size	Thread Size
37-8050-L-04-04	7/16-20 JIC	7/16-20 UNF
37-8050-L-04-06	7/16-20 JIC	9/16-18 UNF
37-8050-L-06-06	9/16-18 JIC	9/16-18 UNF
37-8050-L-06-08	9/16-18 JIC	3/4-16 UNF
37-8050-L-08-06	3/4-16 JIC	9/16-18 UNF
37-8050-L-08-08	3/4-16 JIC	3/4-16 UNF
37-8050-L-08-10	3/4-16 JIC	7/8-14 UNF
37-8050-L-10-08	7/8-14 JIC	3/4-16 UNF
37-8050-L-10-10	7/8-14 JIC	7/8-14 UNF
37-8050-L-10-12	7/8-14 JIC	1 1/16-12 UNF
37-8050-L-12-10	1 1/16-12 JIC	7/8-14 UNF
37-8050-L-12-12	1 1/16-12 JIC	1 1/16-12 UNF
37-8050-L-16-12	1 5/16-12 JIC	1 1/16-12 UNF
37-8050-L-16-16	1 5/16-12 JIC	1 5/16-12 UNF
37-8050-L-20-20	1 5/8-12 JIC	1 5/8-12 UNF



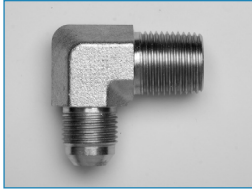
37-8050-LL

JIC MALE x UNF MALE ADJ
90° COMPACT ELBOW (EXTRA LONG)

Item	Thread Size	Thread Size
37-8050-LL-04-04	7/16-20 JIC	7/16-20 UNF
37-8050-LL-06-06	9/16-18 JIC	9/16-18 UNF
37-8050-LL-06-08	9/16-18 JIC	3/4-16 UNF
37-8050-LL-08-06	3/4-16 JIC	9/16-18 UNF

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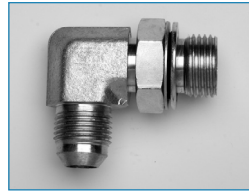
Item	Thread Size	Thread Size
37-8050-LL-08-08	3/4-16 JIC	3/4-16 UNF
37-8050-LL-08-10	3/4-16 JIC	7/8-14 UNF
37-8050-LL-10-08	7/8-14 JIC	3/4-16 UNF
37-8050-LL-10-10	7/8-14 JIC	7/8-14 UNF
37-8050-LL-12-12	1 1/16-12 JIC	1 1/16-12 UNF
37-8050-LL-16-12	1 5/16-12 JIC	1 1/16-12 UNF
37-8050-LL-16-16	1 5/16-12 JIC	1 5/16-12 UNF
37-8050-LL-20-20	1 5/8-12 JIC	1 5/8-12 UNF



37-8060

JIC MALE x BSPT MALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
37-8060-04-02	7/16-20 JIC	1/8 BSPT
37-8060-04-04	7/16-20 JIC	1/4 BSPT
37-8060-04-06	7/16-20 JIC	3/8 BSPT
37-8060-04-08	7/16-20 JIC	1/2 BSPT
37-8060-05-02	1/2-20 JIC	1/8 BSPT
37-8060-05-04	1/2-20 JIC	1/4 BSPT
37-8060-05-06	1/2-20 JIC	3/8 BSPT
37-8060-05-08	1/2-20 JIC	1/2 BSPT
37-8060-06-02	9/16-18 JIC	1/8 BSPT
37-8060-06-04	9/16-18 JIC	1/4 BSPT
37-8060-06-06	9/16-18 JIC	3/8 BSPT
37-8060-06-08	9/16-18 JIC	1/2 BSPT
37-8060-06-12	9/16-18 JIC	3/4 BSPT
37-8060-08-04	3/4-16 JIC	1/4 BSPT
37-8060-08-06	3/4-16 JIC	3/8 BSPT
37-8060-08-08	3/4-16 JIC	1/2 BSPT
37-8060-08-12	3/4-16 JIC	3/4 BSPT
37-8060-08-16	3/4-16 JIC	1 BSPT
37-8060-10-06	7/8-14 JIC	3/8 BSPT
37-8060-10-08	7/8-14 JIC	1/2 BSPT
37-8060-10-12	7/8-14 JIC	3/4 BSPT
37-8060-10-16	7/8-14 JIC	1 BSPT
37-8060-12-08	1 1/16-12 JIC	1/2 BSPT
37-8060-12-12	1 1/16-12 JIC	3/4 BSPT
37-8060-12-16	1 1/16-12 JIC	1 BSPT
37-8060-16-08	1 5/16-12 JIC	1/2 BSPT
37-8060-16-12	1 5/16-12 JIC	3/4 BSPT
37-8060-16-16	1 5/16-12 JIC	1 BSPT
37-8060-16-20	1 5/16-12 JIC	1 1/4 BSPT
37-8060-20-16	1 5/8-12 JIC	1 BSPT
37-8060-20-20	1 5/8-12 JIC	1 1/4 BSPT
37-8060-20-24	1 5/8-12 JIC	1 1/2 BSPT
37-8060-24-20	1 7/8-12 JIC	1 1/4 BSPT
37-8060-24-24	1 7/8-12 JIC	1 1/2 BSPT
37-8060-32-32	2 1/2-12 JIC	2 BSPT

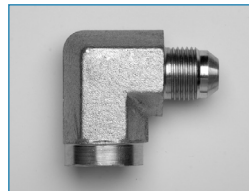


37-8070

JIC MALE x METRIC MALE ADJ
90° COMPACT ELBOW

SUPPLIED COMPLETE WITH O-RING AND RETAINING RING

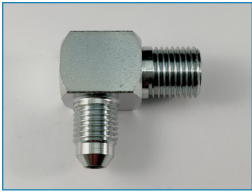
Item	Thread Size	Thread Size
37-8070-04-10	7/16-20 JIC	M10 X 1
37-8070-04-12	7/16-20 JIC	M12 X 1.5
37-8070-04-14	7/16-20 JIC	M14 X 1.5
37-8070-05-14	1/2-20 JIC	M14 X 1.5
37-8070-06-14	9/16-18 JIC	M14 X 1.5
37-8070-06-16	9/16-18 JIC	M16 X 1.5
37-8070-06-18	9/16-18 JIC	M18 X 1.5
37-8070-06-22	9/16-18 JIC	M22 X 1.5
37-8070-08-16	3/4-16 JIC	M16 X 1.5
37-8070-08-18	3/4-16 JIC	M18 X 1.5
37-8070-08-20	3/4-16 JIC	M20 X 1.5
37-8070-08-22	3/4-16 JIC	M22 X 1.5
37-8070-10-18	7/8-14 JIC	M18 X 1.5
37-8070-10-22	7/8-14 JIC	M22 X 1.5
37-8070-10-26	7/8-14 JIC	M26 X 1.5
37-8070-12-22	1 1/16-12 JIC	M22 X 1.5
37-8070-12-27	1 1/16-12 JIC	M27 X 2
37-8070-16-26	1 5/16-12 JIC	M26 X 1.5
37-8070-16-30	1 5/16-12 JIC	M30 X 1.5
37-8070-16-33	1 5/16-12 JIC	M33 X 1.5



37-8080

JIC MALE X NPTF FIXED FEMALE
90° COMPACT ELBOW

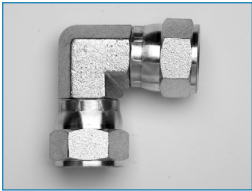
Item	Thread Size	Thread Size
37-8080-04-02	7/16-20 JIC	1/8 NPTF
37-8080-04-04	7/16-20 JIC	1/4 NPTF
37-8080-05-04	1/2-20 JIC	1/4 NPTF
37-8080-06-04	9/16-18 JIC	1/4 NPTF
37-8080-06-06	9/16-18 JIC	3/8 NPTF
37-8080-08-06	3/4-16 JIC	3/8 NPTF
37-8080-08-08	3/4-16 JIC	1/2 NPTF
37-8080-10-08	7/8-14 JIC	1/2 NPTF
37-8080-12-12	1 1/16-12 JIC	3/4 NPTF
37-8080-16-16	1 5/16-12 JIC	1 NPTF
37-8080-20-20	1 5/8-12 JIC	1 1/4 NPTF
37-8080-24-24	1 7/8-12 JIC	1 1/2 NPTF
37-8080-32-32	2 1/2-12 JIC	2 NPTF



37-8090

JIC MALE x BSP MALE
90° COMPACT ELBOW

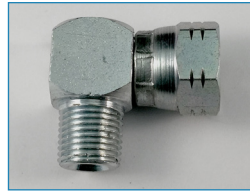
Item	Thread Size	Thread Size
37-8090-04-04	7/16-20 JIC	1/4 BSP
37-8090-05-04	1/2-20 JIC	1/4 BSP
37-8090-06-04	9/16-18 JIC	1/4 BSP
37-8090-06-06	9/16-18 JIC	3/8 BSP
37-8090-08-06	3/4-16 JIC	3/8 BSP
37-8090-08-08	3/4-16 JIC	1/2 BSP
37-8090-10-08	7/8-14 JIC	1/2 BSP
37-8090-10-12	7/8-14 JIC	3/4 BSP
37-8090-12-08	1 1/16-12 JIC	1/2 BSP
37-8090-12-12	1 1/16-12 JIC	3/4 BSP
37-8090-12-16	1 1/16-12 JIC	1 BSP
37-8090-16-16	1 5/16-12 JIC	1 BSP
37-8090-20-16	1 5/8-12 JIC	1 BSP
37-8090-20-20	1 5/8-12 JIC	1 1/4 BSP
37-8090-24-16	1 7/8-12 JIC	1 BSP
37-8090-24-24	1 7/8-12 JIC	1 1/2 BSP



37-8110

JIC SWIVEL FEMALE X JIC SWIVEL
FEMALE 90° COMPACT ELBOW

Item	Thread Size	Thread Size
37-8110-04-04	7/16-20 JIC	7/16-20 JIC
37-8110-05-05	1/2-20 JIC	1/2-20 JIC
37-8110-06-06	9/16-18 JIC	9/16-18 JIC
37-8110-08-08	3/4-16 JIC	3/4-16 JIC
37-8110-10-10	7/8-14 JIC	7/8-14 JIC
37-8110-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-8110-14-14	1 3/16-12 JIC	1 3/16-12 JIC
37-8110-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-8110-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-8110-24-24	1 7/8-12 JIC	1 7/8-12 JIC
37-8110-32-32	2 1/2-12 JIC	2 1/2-12 JIC



50-2052

NPTF MALE x NPSM SWIVEL FEMALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
50-2052-02-02	1/8 NPTF	1/8 NPSM
50-2052-04-02	1/4 NPTF	1/8 NPSM
50-2052-04-04	1/4 NPTF	1/4 NPSM
50-2052-04-06	1/4 NPTF	3/8 NPSM
50-2052-06-04	3/8 NPTF	1/4 NPSM
50-2052-06-06	3/8 NPTF	3/8 NPSM
50-2052-06-08	3/8 NPTF	1/2 NPSM
50-2052-08-06	1/2 NPTF	3/8 NPSM
50-2052-08-08	1/2 NPTF	1/2 NPSM
50-2052-08-12	1/2 NPTF	3/4 NPSM
50-2052-12-08	3/4 NPTF	1/2 NPSM
50-2052-12-12	3/4 NPTF	3/4 NPSM
50-2052-16-12	1 NPTF	3/4 NPSM
50-2052-16-16	1 NPTF	1 NPSM
50-2052-20-20	1 1/4 NPTF	1 1/4 NPSM
50-2052-24-24	1 1/2 NPTF	1 1/2 NPSM
50-2052-32-32	2 NPTF	2 NPSM



50-5500

NPTF MALE x NPTF MALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
50-5500-02-02	1/8 NPTF	1/8 NPTF
50-5500-04-02	1/4 NPTF	1/8 NPTF
50-5500-04-04	1/4 NPTF	1/4 NPTF
50-5500-06-02	3/8 NPTF	1/8 NPTF
50-5500-06-04	3/8 NPTF	1/4 NPTF
50-5500-06-06	3/8 NPTF	3/8 NPTF
50-5500-08-04	1/2 NPTF	1/4 NPTF
50-5500-08-06	1/2 NPTF	3/8 NPTF
50-5500-08-08	1/2 NPTF	1/2 NPTF
50-5500-12-06	3/4 NPTF	3/8 NPTF
50-5500-12-08	3/4 NPTF	1/2 NPTF
50-5500-12-12	3/4 NPTF	3/4 NPTF
50-5500-16-12	1 NPTF	3/4 NPTF
50-5500-16-16	1 NPTF	1 NPTF
50-5500-20-20	1 1/4 NPTF	1 1/4 NPTF
50-5500-24-24	1 1/2 NPTF	1 1/2 NPTF
50-5500-32-32	2 NPTF	2 NPTF



50-5502

NPTF MALE X NPTF FIXED FEMALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
50-5502-02-02	1/8 NPTF	1/8 NPTF
50-5502-02-04	1/8 NPTF	1/4 NPTF
50-5502-04-02	1/4 NPTF	1/8 NPTF
50-5502-04-04	1/4 NPTF	1/4 NPTF
50-5502-04-06	1/4 NPTF	3/8 NPTF
50-5502-06-04	3/8 NPTF	1/4 NPTF
50-5502-06-06	3/8 NPTF	3/8 NPTF
50-5502-06-08	3/8 NPTF	1/2 NPTF
50-5502-08-04	1/2 NPTF	1/4 NPTF
50-5502-08-06	1/2 NPTF	3/8 NPTF
50-5502-08-08	1/2 NPTF	1/2 NPTF
50-5502-08-12	1/2 NPTF	3/4 NPTF
50-5502-12-06	3/4 NPTF	3/8 NPTF
50-5502-12-08	3/4 NPTF	1/2 NPTF
50-5502-12-12	3/4 NPTF	3/4 NPTF
50-5502-12-16	3/4 NPTF	1 NPTF
50-5502-16-12	1 NPTF	3/4 NPTF
50-5502-16-16	1 NPTF	1 NPTF
50-5502-16-20	1 NPTF	1 1/4 NPTF
50-5502-20-16	1 1/4 NPTF	1 NPTF
50-5502-20-20	1 1/4 NPTF	1 1/4 NPTF
50-5502-24-24	1 1/2 NPTF	1 1/2 NPTF
50-5502-32-32	2 NPTF	2 NPTF



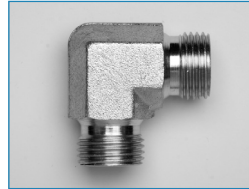
50-5504

NPTF FIXED FEMALE X NPTF FIXED
FEMALE 90° COMPACT

Item	Thread Size	Thread Size
50-5504-02-02	1/8 NPTF	1/8 NPTF
50-5504-04-02	1/4 NPTF	1/2 NPTF
50-5504-04-04	1/4 NPTF	1/4 NPTF
50-5504-04-06	1/4 NPTF	3/8 NPTF
50-5504-06-04	3/8 NPTF	1/4 NPTF
50-5504-06-06	3/8 NPTF	3/8 NPTF
50-5504-06-08	3/8 NPTF	1/2 NPTF
50-5504-06-12	3/8 NPTF	3/4 NPTF
50-5504-08-04	1/2 NPTF	1/4 NPTF
50-5504-08-06	1/2 NPTF	3/8 NPTF
50-5504-08-08	1/2 NPTF	1/2 NPTF
50-5504-12-06	3/4 NPTF	3/8 NPTF
50-5504-12-08	3/4 NPTF	1/2 NPTF

Continued...

Item	Thread Size	Thread Size
50-5504-12-12	3/4 NPTF	3/4 NPTF
50-5504-16-08	1 NPTF	1/2 NPTF
50-5504-16-12	1 NPTF	3/4 NPTF
50-5504-16-16	1 NPTF	1 NPTF
50-5504-20-12	1 1/4 NPTF	3/4 NPTF
50-5504-20-16	1 1/4 NPTF	1 NPTF
50-5504-20-20	1 1/4 NPTF	1 1/4 NPTF
50-5504-24-20	1 1/2 NPTF	1 1/4 NPTF
50-5504-24-24	1 1/2 NPTF	1 1/2 NPTF
50-5504-32-32	2 NPTF	2 NPTF



60-2003

BSP MALE x BSP MALE
90° COMPACT ELBOW

UNIVERSAL FITTING SUITABLE FOR BONDED SEAL &
HOSE CONNECTION

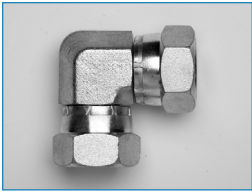
Item	Thread Size	Thread Size
60-2003-02-02	1/8 BSP	1/8 BSP
60-2003-04-04	1/4 BSP	1/4 BSP
60-2003-06-06	3/8 BSP	3/8 BSP
60-2003-06-08	3/8 BSP	1/2 BSP
60-2003-08-08	1/2 BSP	1/2 BSP
60-2003-08-12	1/2 BSP	3/4 BSP
60-2003-10-10	5/8 BSP	5/8 BSP
60-2003-12-12	3/4 BSP	3/4 BSP
60-2003-16-16	1 BSP	1 BSP
60-2003-20-20	1 1/4 BSP	1 1/4 BSP
60-2003-24-24	1 1/2 BSP	1 1/2 BSP
60-2003-32-32	2 BSP	2 BSP



60-2004

BSP FEMALE x FEMALE FIXED
90° COMPACT ELBOW

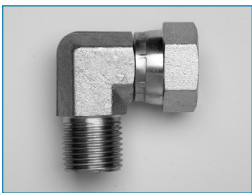
Item	Thread Size	Thread Size
60-2004-02-02	1/8 BSP	1/8 BSP
60-2004-04-04	1/4 BSP	1/4 BSP
60-2004-06-06	3/8 BSP	3/8 BSP
60-2004-08-08	1/2 BSP	1/2 BSP
60-2004-12-12	3/4 BSP	3/4 BSP
60-2004-16-16	1 BSP	1 BSP
60-2004-20-20	1 1/4 BSP	1 1/4 BSP
60-2004-24-24	1 1/2 BSP	1 1/2 BSP
60-2004-32-32	2 BSP	2 BSP



60-2005

BSP SWIVEL FEMALE x SWIVEL
FEMALE 90° COMPACT ELBOW

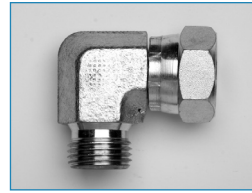
Item	Thread Size	Thread Size
60-2005-02-02	1/8 BSP	1/8 BSP
60-2005-04-04	1/4 BSP	1/4 BSP
60-2005-04-06	1/4 BSP	3/8 BSP
60-2005-04-08	1/4 BSP	1/2 BSP
60-2005-06-06	3/8 BSP	3/8 BSP
60-2005-06-08	3/8 BSP	1/2 BSP
60-2005-08-08	1/2 BSP	1/2 BSP
60-2005-08-12	1/2 BSP	3/4 BSP
60-2005-10-10	5/8 BSP	5/8 BSP
60-2005-12-12	3/4 BSP	3/4 BSP
60-2005-12-16	3/4 BSP	1 BSP
60-2005-16-16	1 BSP	1 BSP
60-2005-20-20	1 1/4 BSP	1 1/4 BSP
60-2005-24-24	1 1/2 BSP	1 1/2 BSP
60-2005-32-32	2 BSP	2 BSP



60-2006

BSP MALE x SWIVEL FEMALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
60-2006-04-02	1/4 BSP	1/8 BSP
60-2006-04-04	1/4 BSP	1/4 BSP
60-2006-04-06	1/4 BSP	3/8 BSP
60-2006-06-04	3/8 BSP	1/4 BSP
60-2006-06-06	3/8 BSP	3/8 BSP
60-2006-06-08	3/8 BSP	1/2 BSP
60-2006-06-12	3/8 BSP	3/4 BSP
60-2006-08-06	1/2 BSP	3/8 BSP
60-2006-08-08	1/2 BSP	1/2 BSP
60-2006-08-12	1/2 BSP	3/4 BSP
60-2006-08-16	1/2 BSP	1 BSP
60-2006-12-12	3/4 BSP	3/4 BSP
60-2006-12-16	3/4 BSP	1 BSP
60-2006-16-12	1 BSP	3/4 BSP
60-2006-16-16	1 BSP	1 BSP
60-2006-20-20	1 1/4 BSP	1 1/4 BSP
60-2006-24-24	1 1/2 BSP	1 1/2 BSP
60-2006-32-32	2 BSP	2 BSP

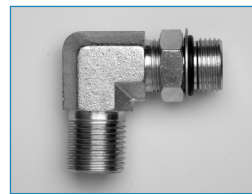


60-2006-BS

BSP MALE x SWIVEL FEMALE
90° COMPACT ELBOW

UNIVERSAL FITTING SUITABLE FOR BONDED SEAL &
HOSE CONNECTION

Item	Thread Size	Thread Size
60-2006-BS-02-02	1/8 BSP	1/8 BSP
60-2006-BS-04-04	1/4 BSP	1/4 BSP
60-2006-BS-06-04	3/8 BSP	1/4 BSP
60-2006-BS-06-06	3/8 BSP	3/8 BSP
60-2006-BS-08-04	1/2 BSP	1/4 BSP
60-2006-BS-08-06	1/2 BSP	3/8 BSP
60-2006-BS-08-08	1/2 BSP	1/2 BSP
60-2006-BS-08-10	1/2 BSP	5/8 BSP
60-2006-BS-08-12	1/2 BSP	3/4 BSP
60-2006-BS-10-10	5/8 BSP	5/8 BSP
60-2006-BS-10-12	5/8 BSP	3/4 BSP
60-2006-BS-12-08	3/4 BSP	1/2 BSP
60-2006-BS-12-12	3/4 BSP	3/4 BSP
60-2006-BS-12-16	3/4 BSP	1 BSP
60-2006-BS-16-16	1 BSP	1 BSP
60-2006-BS-20-20	1 1/4 BSP	1 1/4 BSP
60-2006-BS-24-24	1 1/2 BSP	1 1/2 BSP
60-2006-BS-32-32	2 BSP	2 BSP

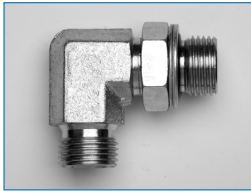


60-2007

BSP MALE 60° CONE x SAE MALE
90° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING AND O-RING

Item	Thread Size	Thread Size
60-2007-04-04	1/4 BSP	7/16 SAE
60-2007-04-06	1/4 BSP	9/16 SAE
60-2007-06-06	3/8 BSP	9/16 SAE
60-2007-06-08	3/8 BSP	3/4 SAE
60-2007-06-10	3/8 BSP	7/8 SAE
60-2007-08-08	1/2 BSP	3/4 SAE
60-2007-08-10	1/2 BSP	7/8 SAE
60-2007-10-08	5/8 BSP	3/4 SAE
60-2007-10-10	5/8 BSP	7/8 SAE
60-2007-10-12	5/8 BSP	1 1/16 SAE
60-2007-12-08	3/4 BSP	3/4 SAE
60-2007-12-10	3/4 BSP	7/8 SAE
60-2007-12-12	3/4 BSP	1 1/16 SAE
60-2007-12-16	3/4 BSP	1 5/16 SAE
60-2007-16-12	1 BSP	1 1/16 SAE
60-2007-16-16	1 BSP	1 5/16 SAE
60-2007-20-20	1 1/4 BSP	1 5/8 SAE
60-2007-24-24	1 1/2 BSP	1 7/8 SAE



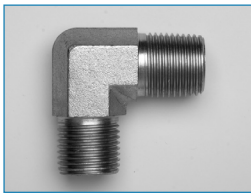
60-2008

BSP MALE x BSP MALE ADJ

90° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING AND O-RING

Item	Thread Size	Thread Size
60-2008-02-02	1/8 BSP	1/8 BSP
60-2008-02-04	1/8 BSP	1/4 BSP
60-2008-04-02	1/4 BSP	1/8 BSP
60-2008-04-04	1/4 BSP	1/4 BSP
60-2008-04-06	1/4 BSP	3/8 BSP
60-2008-04-08	1/4 BSP	1/2 BSP
60-2008-06-04	3/8 BSP	1/4 BSP
60-2008-06-06	3/8 BSP	3/8 BSP
60-2008-06-08	3/8 BSP	1/2 BSP
60-2008-08-06	1/2 BSP	3/8 BSP
60-2008-08-08	1/2 BSP	1/2 BSP
60-2008-08-12	1/2 BSP	3/4 BSP
60-2008-10-10	5/8 BSP	5/8 BSP
60-2008-12-08	3/4 BSP	1/2 BSP
60-2008-12-12	3/4 BSP	3/4 BSP
60-2008-12-16	3/4 BSP	1 BSP
60-2008-16-12	1 BSP	3/4 BSP
60-2008-16-16	1 BSP	1 BSP
60-2008-20-20	1 1/4 BSP	1 1/4 BSP
60-2008-24-24	1 1/2 BSP	1 1/2 BSP
60-2008-32-32	2 BSP	2 BSP

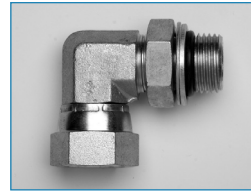


60-2012

BSP MALE 60° CONE x BSPT MALE

90° COMPACT ELBOW

Item	Thread Size	Thread Size
60-2012-02-02	1/8 BSP	1/8 BSPT
60-2012-04-04	1/4 BSP	1/4 BSPT
60-2012-06-06	3/8 BSP	3/8 BSPT
60-2012-12-12	3/4 BSP	3/4 BSPT
60-2012-16-16	1 BSP	1 BSPT
60-2012-20-20	1 1/4 BSP	1 1/4 BSPT



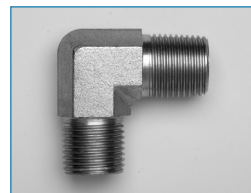
60-2013

BSP FEMALE SWIVEL x BSP ADJ MALE

90° COMPACT ELBOW

SUPPLIED COMPLETE WITH O-RING AND RETAINING RING

Item	Thread Size	Thread Size
60-2013-04-04	1/4 BSP	1/4 BSP
60-2013-06-06	3/8 BSP	3/8 BSP
60-2013-08-08	1/2 BSP	1/2 BSP
60-2013-12-12	3/4 BSP	3/4 BSP
60-2013-16-12	1 BSP	3/4 BSP
60-2013-16-16	1 BSP	1 BSP

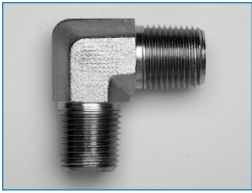


60-2014

BSP MALE 60° CONE x NPTF MALE

90° COMPACT ELBOW

Item	Thread Size	Thread Size
60-2014-02-02	1/8 BSP	1/8 NPTF
60-2014-02-04	1/8 BSP	1/4 NPTF
60-2014-04-02	1/4 BSP	1/8 NPTF
60-2014-04-04	1/4 BSP	1/4 NPTF
60-2014-06-06	3/8 BSP	3/8 NPTF
60-2014-08-08	1/2 BSP	1/2 NPTF
60-2014-12-12	3/4 BSP	3/4 NPTF
60-2014-16-12	1 BSP	3/4 NPTF
60-2014-16-16	1 BSP	1 NPTF
60-2014-20-20	1 1/4 BSP	1 1/4 NPTF
60-2014-24-24	1 1/2 BSP	1 1/2 NPTF
60-2014-32-32	2 BSP	2 NPTF



60-2015

BSPT MALE X BSPT MALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
60-2015-04-04	1/4 BSPT	1/4 BSPT
60-2015-06-06	3/8 BSPT	3/8 BSPT
60-2015-08-08	1/2 BSPT	1/2 BSPT
60-2015-12-12	3/4 BSPT	3/4 BSPT
60-2015-16-16	1 BSPT	1 BSPT
60-2015-20-20	1 1/4 BSPT	1 1/4 BSPT



60-2050

BSPT MALE X BSP SWIVEL FEMALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
60-2050-04-04	1/4 BSPT	1/4 BSP
60-2050-06-06	3/8 BSPT	3/8 BSP
60-2050-08-08	1/2 BSPT	1/2 BSP
60-2050-12-12	3/4 BSPT	3/4 BSP
60-2050-16-16	1 BSPT	1 BSP



60-2051

NPTF MALE X BSP SWIVEL FEMALE
90° COMPACT ELBOW

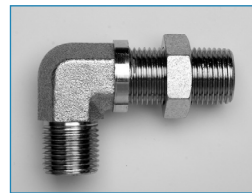
Item	Thread Size	Thread Size
60-2051-02-02	1/8 NPTF	1/8 BSP
60-2051-02-04	1/8 NPTF	1/4 BSP
60-2051-04-04	1/4 NPTF	1/4 BSP
60-2051-06-06	3/8 NPTF	3/8 BSP
60-2051-08-08	1/2 NPTF	1/2 BSP
60-2051-12-12	3/4 NPTF	3/4 BSP
60-2051-16-16	1 NPTF	1 BSP
60-2051-20-20	1 1/4 NPTF	1 1/4 BSP
60-2051-24-24	1 1/2 NPTF	1 1/2 BSP



60-2052

NPTF MALE X JIC SWIVEL FEMALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
60-2052-04-04	1/4 NPTF	7/16-20 JIC
60-2052-04-06	1/4 NPTF	9/16-18 JIC
60-2052-06-06	3/8 NPTF	9/16-18 JIC
60-2052-08-08	1/2 NPTF	3/4-16 JIC
60-2052-12-12	3/4 NPTF	1 1/16-12 JIC
60-2052-16-16	1 NPTF	1 5/16-12 JIC
60-2052-20-20	1 1/4 NPTF	1 5/8-12 JIC

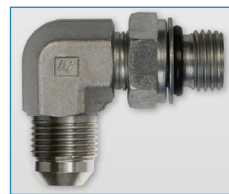


60-6024

BSP MALE X BSP BULKHEAD MALE
90° COMPACT ELBOW

SUPPLIED COMPLETE WITH LOCK NUT

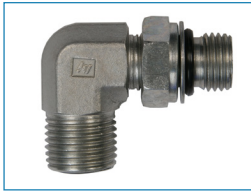
Item	Thread Size	Thread Size
60-6024-04-04	1/4 BSP	1/4 BSP
60-6024-06-06	3/8 BSP	3/8 BSP
60-6024-08-08	1/2 BSP	1/2 BSP
60-6024-12-12	3/4 BSP	3/4 BSP
60-6024-16-16	1 BSP	1 BSP



7650-NWO-FG

MALE JIC x METRIC ISO 6149 ADJ MALE
90° COMPACT ELBOW

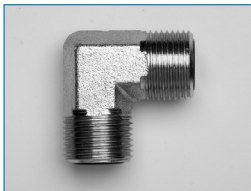
Item	Thread Size	Thread Size
7650-04-12-NWO-FG	7/16-20 JIC	M12 x 1.5 MM
7650-06-14-NWO-FG	9/16-18 JIC	M14 x 1.5 MM
7650-08-16-NWO-FG	3/4-16 JIC	M16 x 1.5 MM
7650-08-18-NWO-FG	3/4-16 JIC	M18 x 1.5 MM
7650-08-22-NWO-FG	3/4-16 JIC	M22 x 1.5 MM
7650-10-22-NWO-FG	7/8-14 JIC	M22 x 1.5 MM
7650-12-22-NWO-FG	1 1/16-12 JIC	M22 x 1.5 MM
7650-12-27-NWO-FG	1 1/16-12 JIC	M27 x 2.0 MM



FS7650-NWO-FG

ORFS MALE x METRIC ISO 6149 ADJ
MALE 90° COMPACT ELBOW

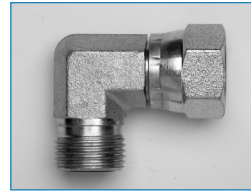
Item	Thread Size	Thread Size
FS7650-04-14-NWO-FG	9/16-18 ORFS	M14 x 1.5 MM
FS7650-06-12-NWO-FG	11/16-16 ORFS	M12 x 1.5 MM
FS7650-06-14-NWO-FG	11/16-16 ORFS	M14 x 1.5 MM
FS7650-06-16-NWO-FG	11/16-16 ORFS	M16 x 1.5 MM
FS7650-06-18-NWO-FG	11/16-16 ORFS	M18 x 1.5 MM
FS7650-08-18-NWO-FG	13/16-16 ORFS	M18 x 1.5 MM
FS7650-08-22-NWO-FG	13/16-16 ORFS	M22 x 1.5 MM
FS7650-10-27-NWO-FG	1-14 ORFS	M27 x 2.0 MM
FS7650-12-22-NWO-FG	1-3/16-12 ORFS	M22 x 1.5 MM
FS7650-12-27-NWO-FG	1-3/16-12 ORFS	M27 x 2.0 MM
FS7650-12-33-NWO-FG	1-3/16-12 ORFS	M33 x 2.0 MM
FS7650-16-27-NWO-FG	1-7/16-12 ORFS	M27 x 2.0 MM
FS7650-16-33-NWO-FG	1-7/16-12 ORFS	M33 x 2.0 MM



OR-8000

ORFS MALE x ORFS MALE
90° COMPACT ELBOW

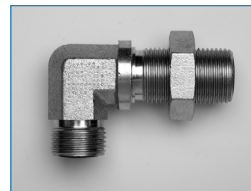
Item	Thread Size	Thread Size
OR-8000-04-04	9/16-18 ORFS	9/16-18 ORFS
OR-8000-06-06	11/16-16 ORFS	11/16-16 ORFS
OR-8000-08-08	13/16-16 ORFS	13/16-16 ORFS
OR-8000-10-10	1-14 ORFS	1-14 ORFS
OR-8000-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-8000-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-8000-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS
OR-8000-24-24	2-12 ORFS	2-12 ORFS



OR-8010

ORFS MALE x ORFS SWIVEL FEMALE
90° COMPACT ELBOW

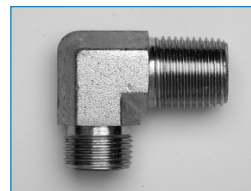
Item	Thread Size	Thread Size
OR-8010-04-04	9/16-18 ORFS	9/16-18 ORFS
OR-8010-06-06	11/16-16 ORFS	11/16-16 ORFS
OR-8010-08-08	13/16-16 ORFS	13/16-16 ORFS
OR-8010-10-10	1-14 ORFS	1-14 ORFS
OR-8010-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-8010-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-8010-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS
OR-8010-24-24	2-12 ORFS	2-12 ORFS



OR-8020

ORFS MALE x ORFS BULKHEAD MALE
90° COMPACT ELBOW
SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
OR-8020-04-04	9/16-18 ORFS	9/16-18 ORFS
OR-8020-06-06	11/16-16 ORFS	11/16-16 ORFS
OR-8020-08-08	13/16-16 ORFS	13/16-16 ORFS
OR-8020-10-10	1-14 ORFS	1-14 ORFS
OR-8020-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-8020-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-8020-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS
OR-8020-24-24	2-12 ORFS	2-12 ORFS



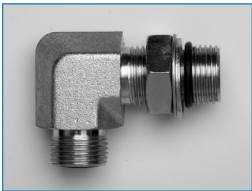
OR-8030

ORFS MALE x NPTF MALE
90° COMPACT ELBOW

Item	Thread Size	Thread Size
OR-8030-04-02	9/16-18 ORFS	1/8 NPT
OR-8030-04-04	9/16-18 ORFS	1/4 NPT
OR-8030-06-04	11/16-16 ORFS	1/4 NPT
OR-8030-06-06	11/16-16 ORFS	3/8 NPT
OR-8030-08-06	13/16-16 ORFS	3/8 NPT

Continued...

Item	Thread Size	Thread Size
OR-8030-08-08	13/16-18 ORFS	1/2 NPT
OR-8030-10-08	1-14 ORFS	1/2 NPT
OR-8030-12-12	1 3/16-12 ORFS	3/4 NPT
OR-8030-16-12	1 7/16-12 ORFS	3/4 NPT
OR-8030-16-16	1 7/16-12 ORFS	1 NPT
OR-8030-20-20	1 11/16-12 ORFS	1 1/4 NPT



OR-8040

ORFS MALE x BSP ADJ MALE 90° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING AND O-RING

Item	Thread Size	Thread Size
OR-8040-04-04	9/16-18 ORFS	1/4 BSP
OR-8040-04-06	9/16-18 ORFS	3/8 BSP
OR-8040-06-04	11/16-16 ORFS	1/4 BSP
OR-8040-06-06	11/16-16 ORFS	3/8 BSP
OR-8040-06-08	11/16-16 ORFS	1/2 BSP
OR-8040-08-04	13/16-16 ORFS	1/4 BSP
OR-8040-08-06	13/16-16 ORFS	3/8 BSP
OR-8040-08-08	13/16-16 ORFS	1/2 BSP
OR-8040-10-08	1-14 ORFS	1/2 BSP
OR-8040-10-10	1-14 ORFS	5/8 BSP
OR-8040-12-08	1 3/16-12 ORFS	1/2 BSP
OR-8040-12-12	1 3/16-12 ORFS	3/4 BSP
OR-8040-12-16	1 3/16-12 ORFS	1 BSP
OR-8040-16-12	1 7/16-12 ORFS	3/4 BSP
OR-8040-16-16	1 7/16-12 ORFS	1 BSP
OR-8040-20-16	1 11/16-12 ORFS	1 BSP
OR-8040-20-20	1 11/16-12 ORFS	1 1/4 BSP



OR-8050

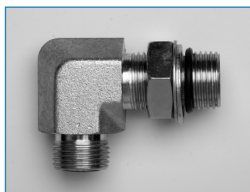
ORFS MALE x UNF ADJ MALE 90° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING AND O-RING

Item	Thread Size	Thread Size
OR-8050-04-04	9/16-18 ORFS	7/16-20 UNF
OR-8050-04-06	9/16-18 ORFS	9/16-18 UNF
OR-8050-06-04	11/16-16 ORFS	7/16-20 UNF
OR-8050-06-06	11/16-16 ORFS	9/16-18 UNF
OR-8050-06-08	11/16-16 ORFS	3/4-16 UNF
OR-8050-06-10	11/16-16 ORFS	7/8-14 UNF
OR-8050-08-06	13/16-16 ORFS	9/16-18 UNF
OR-8050-08-08	13/16-16 ORFS	3/4-16 UNF
OR-8050-08-10	13/16-16 ORFS	7/8-14 UNF
OR-8050-10-08	1-14 ORFS	3/4-14 UNF

Continued...

Item	Thread Size	Thread Size
OR-8050-10-10	1-14 ORFS	7/8-14 UNF
OR-8050-10-12	1-14 ORFS	1 1/16-12 UNF
OR-8050-12-08	1 3/16-12 ORFS	3/4-16 UNF
OR-8050-12-10	1 3/16-12 ORFS	7/8-14 UNF
OR-8050-12-12	1 3/16-12 ORFS	1 1/16-12 UNF
OR-8050-12-16	1 3/16-12 ORFS	1 5/16-12 UNF
OR-8050-16-12	1 7/16-12 ORFS	1 1/16-12 UNF
OR-8050-16-16	1 7/16-12 ORFS	1 5/16-12 UNF
OR-8050-16-20	1 7/16-12 ORFS	1 5/8-12 UNF
OR-8050-20-16	1 11/16-12 ORFS	1 5/16-12 UNF
OR-8050-20-20	1 11/16-12 ORFS	1 5/8-12 UNF
OR-8050-24-24	2-12 ORFS	1 7/8-12 UNF

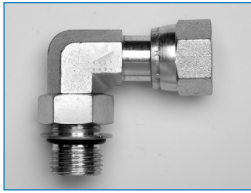


OR-8070

ORFS MALE X METRIC MALE ADJ COMPACT 90° ELBOW

SUPPLIED COMPLETE WITH RETAINING RING AND O-RING

Item	Thread Size	Thread Size
OR-8070-04-10 x 1mm	9/16-18 ORFS	M10 X 1.0MM
OR-8070-04-12	9/16-18 ORFS	M12 X 1.5MM
OR-8070-04-14	9/16-18 ORFS	M14 X 1.5MM
OR-8070-04-18	9/16-18 ORFS	M18 X 1.5MM
OR-8070-06-16	11/16-16 ORFS	M16 X 1.5MM
OR-8070-06-18	11/16-16 ORFS	M18 X 1.5MM
OR-8070-06-20	11/16-16 ORFS	M20 X 1.5MM
OR-8070-06-22	11/16-16 ORFS	M22 X 1.5MM
OR-8070-08-14	13/16-16 ORFS	M14 X 1.5MM
OR-8070-08-16	13/16-16 ORFS	M16 X 1.5MM
OR-8070-08-18	13/16-16 ORFS	M18 X 1.5MM
OR-8070-08-20	13/16-16 ORFS	M20 X 1.5MM
OR-8070-08-22	13/16-16 ORFS	M22 X 1.5MM
OR-8070-10-16	1-14 ORFS	M16 X 1.5MM
OR-8070-10-18	1-14 ORFS	M18 X 1.5MM
OR-8070-10-20	1-14 ORFS	M20 X 1.5MM
OR-8070-10-22	1-14 ORFS	M22 X 1.5MM
OR-8070-12-16	1 3/16-12 ORFS	M16 X 1.5MM
OR-8070-12-18	1 3/16-12 ORFS	M18 X 1.5MM
OR-8070-12-20	1 3/16-12 ORFS	M20 X 1.5MM
OR-8070-12-22	1 3/16-12 ORFS	M22 X 1.5MM
OR-8070-12-24	1 3/16-12 ORFS	M24 X 1.5MM
OR-8070-12-26	1 3/16-12 ORFS	M26 X 1.5MM



OR-8080

ORFS FEMALE X UNF ADJ MALE
90° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING AND O-RING

Item	Thread Size	Thread Size
OR-8080-04-04	9/16-18 ORFS	7/16-20 UNF
OR-8080-06-06	11/16-16 ORFS	9/16-18 UNF
OR-8080-08-08	13/16-16 ORFS	3/4-16 UNF
OR-8080-10-08	1-14 ORFS	7/8-14 UNF
OR-8080-12-12	1 3/16-12 ORFS	1 1/16-12 UNF
OR-8080-16-16	1 7/16-12 ORFS	1 5/16-12 UNF

45° COMPACT ELBOW ADAPTORS



37-7000

JIC MALE x JIC BULKHEAD MALE
45° COMPACT ELBOW

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
37-7000-03-03	3/8-24 JIC	3/8-24 JIC
37-7000-04-04	7/16-20 JIC	7/16-20 JIC
37-7000-05-05	1/2-20 JIC	1/2-20 JIC
37-7000-06-06	9/16-18 JIC	9/16-18 JIC
37-7000-08-08	3/4-16 JIC	3/4-16 JIC
37-7000-10-10	7/8-14 JIC	7/8-14 JIC
37-7000-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-7000-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-7000-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-7000-24-24	1 7/8-12 JIC	1 7/8-12 JIC
37-7000-32-32	2 1/2-12 JIC	2 1/2-12 JIC



37-7010

JIC MALE x UNF MALE ADJ
45° COMPACT ELBOW

Item	Thread Size	Thread Size
37-7010-04-04	7/16-20 JIC	7/16-20 UNF
37-7010-04-06	7/16-20 JIC	9/16-18 UNF
37-7010-05-05	1/2-20 JIC	1/2-20 UNF
37-7010-06-04	9/16-18 JIC	7/16-20 UNF
37-7010-06-06	9/16-18 JIC	9/16-18 UNF
37-7010-06-08	9/16-18 JIC	3/4-16 UNF
37-7010-06-10	9/16-18 JIC	7/8-14 UNF
37-7010-08-06	3/4-16 JIC	9/16-18 UNF
37-7010-08-08	3/4-16 JIC	3/4-16 UNF
37-7010-08-10	3/4-16 JIC	7/8-14 UNF
37-7010-10-08	7/8-14 JIC	3/4-16 UNF
37-7010-10-10	7/8-14 JIC	7/8-14 UNF
37-7010-10-12	7/8-14 JIC	1 1/16-12 UNF
37-7010-12-10	1 1/16-12 JIC	7/8-14 UNF
37-7010-12-12	1 1/16-12 JIC	1 1/16-12 UNF
37-7010-12-16	1 1/16-12 JIC	1 5/16-12 UNF
37-7010-14-14	1 3/16-12 JIC	1 3/16-12 UNF
37-7010-16-10	1 5/16-12 JIC	7/8-14 UNF
37-7010-16-12	1 5/16-12 JIC	1 1/16-12 UNF
37-7010-16-16	1 5/16-12 JIC	1 5/16-12 UNF
37-7010-16-20	1 5/16-12 JIC	1 5/8-12 UNF
37-7010-20-12	1 5/8-12 JIC	1 1/16-12 UNF
37-7010-20-16	1 5/8-12 JIC	1 5/16-12 UNF
37-7010-20-20	1 5/8-12 JIC	1 5/8-12 UNF
37-7010-24-24	1 7/8-12 JIC	1 7/8-12 UNF
37-7010-32-32	2 1/2-12 JIC	2 1/2-12 UNF



37-7020

JIC MALE x BSP MALE ADJ
45° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING & O-RING

Item	Thread Size	Thread Size
37-7020-04-02	7/16-20 JIC	1/8 BSP
37-7020-04-04	7/16-20 JIC	1/4 BSP
37-7020-04-06	7/16-20 JIC	3/8 BSP
37-7020-06-04	9/16-18 JIC	1/4 BSP
37-7020-06-06	9/16-18 JIC	3/8 BSP

Continued...

Item	Thread Size	Thread Size
37-7020-08-06	3/4-16 JIC	3/8 BSP
37-7020-08-08	3/4-16 JIC	1/2 BSP
37-7020-10-08	7/8-14 JIC	1/2 BSP
37-7020-12-12	1 1/16-12 JIC	3/4 BSP
37-7020-16-16	1 5/16-12 JIC	1 BSP
37-7020-20-20	1 5/8-12 JIC	1 1/4 BSP
37-7020-24-24	1 7/8-12 JIC	1 1/2 BSP



37-7030

JIC MALE x NPTF MALE
45° COMPACT ELBOW

Item	Thread Size	Thread Size
37-7030-02-02	5/16-24 JIC	1/8 NPTF
37-7030-03-02	3/8-24 JIC	1/8 NPTF
37-7030-04-02	7/16-20 JIC	1/8 NPTF
37-7030-04-04	7/16-20 JIC	1/4 NPTF
37-7030-04-06	7/16-20 JIC	3/8 NPTF
37-7030-04-08	7/16-20 JIC	1/2 NPTF
37-7030-05-02	1/2-20 JIC	1/8 NPTF
37-7030-05-04	1/2-20 JIC	1/4 NPTF
37-7030-06-02	9/16-18 JIC	1/8 NPTF
37-7030-06-04	9/16-18 JIC	1/4 NPTF
37-7030-06-06	9/16-18 JIC	3/8 NPTF
37-7030-06-08	9/16-18 JIC	1/2 NPTF
37-7030-06-12	9/16-18 JIC	3/4 NPTF
37-7030-08-04	3/4-16 JIC	1/4 NPTF
37-7030-08-06	3/4-16 JIC	3/8 NPTF
37-7030-08-08	3/4-16 JIC	1/2 NPTF
37-7030-08-12	3/4-16 JIC	3/4 NPTF
37-7030-08-16	3/4-16 JIC	1 NPTF
37-7030-10-04	7/8-16 JIC	1/4 NPTF
37-7030-10-06	7/8-14 JIC	3/8 NPTF
37-7030-10-08	7/8-14 JIC	1/2 NPTF
37-7030-10-12	7/8-14 JIC	3/4 NPTF
37-7030-12-08	1 1/16-12 JIC	1/2 NPTF
37-7030-12-12	1 1/16-12 JIC	3/4 NPTF
37-7030-12-16	1 1/16-12 JIC	1 NPTF
37-7030-12-20	1 1/16-12 JIC	1 1/4 NPTF
37-7030-14-12	1 3/16-12 JIC	3/4 NPTF
37-7030-16-08	1 5/16-12 JIC	1/2 NPTF
37-7030-16-12	1 5/16-12 JIC	3/4 NPTF
37-7030-16-16	1 5/16-12 JIC	1 NPTF
37-7030-16-20	1 5/16-12 JIC	1 1/4 NPTF
37-7030-20-16	1 5/8-12 JIC	1 NPTF
37-7030-20-20	1 5/8-12 JIC	1 1/4 NPTF
37-7030-24-24	1 7/8-12 JIC	1 1/2 NPTF
37-7030-32-32	2 1/2-12 JIC	2 NPTF
37-7030-40-40	3-8 JIC	2 1/2 NPTF



37-7040

JIC MALE x JIC SWIVEL FEMALE
45° COMPACT ELBOW

Item	Thread Size	Thread Size
37-7040-04-04	7/16-20 JIC	7/16-20 JIC
37-7040-05-05	1/2-20 JIC	1/2-20 JIC
37-7040-06-06	9/16-18 JIC	9/16-18 JIC
37-7040-08-08	3/4-16 JIC	3/4-16 JIC
37-7040-10-10	7/8-14 JIC	7/8-14 JIC
37-7040-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-7040-16-16	1 5/16-12 JIC	1 5/16-12 JIC
37-7040-20-20	1 5/8-12 JIC	1 5/8-12 JIC
37-7040-24-24	1 7/8-12 JIC	1 7/8-12 JIC
37-7040-32-32	2 1/2-12 JIC	2 1/2-12 JIC



37-7050

NPTF MALE x SWIVEL FEMALE NPSM
45° COMPACT ELBOW

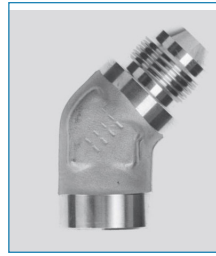
Item	Thread Size	Thread Size
37-7050-04-04	1/4 NPTF	1/4 NPSM
37-7050-06-06	3/8 NPTF	3/8 NPSM
37-7050-08-08	1/2 NPTF	1/2 NPSM
37-7050-12-12	3/4 NPTF	3/4 NPSM
37-7050-16-16	1 NPTF	1 NPSM
37-7050-20-20	1 1/4 NPTF	1 1/4 NPSM
37-7050-24-24	1 1/2 NPTF	1 1/2 NPSM



37-7060

JIC MALE x BSPT MALE
45° COMPACT ELBOW

Item	Thread Size	Thread Size
37-7060-04-04	7/16-20 JIC	1/4 BSPT
37-7060-06-06	9/16-18 JIC	3/8 BSPT
37-7060-06-08	9/16-18 JIC	1/2 BSPT
37-7060-08-04	3/4-16 JIC	1/4 BSPT
37-7060-08-06	3/4-16 JIC	3/8 BSPT
37-7060-08-08	3/4-16 JIC	1/2 BSPT
37-7060-12-12	1 1/16-12 JIC	3/4 BSPT
37-7060-16-16	1 5/16-12 JIC	1 BSPT



37-7112

JIC MALE x NPTF FEMALE
45° COMPACT ELBOW

Item	Thread Size	Thread Size
37-7112-04-04	7/16-20 JIC	1/4 NPTF
37-7112-06-04	9/16-18 JIC	1/4 NPTF
37-7112-06-06	9/16-18 JIC	3/8 NPTF
37-7112-08-06	3/4-16 JIC	3/8 NPTF
37-7112-08-08	3/4-16 JIC	1/2 NPTF
37-7112-10-08	7/8-14 JIC	1/2 NPTF
37-7112-12-12	1 1/16-12 JIC	3/4 NPTF
37-7112-16-16	1 5/16-12 JIC	1 NPTF



37-7111

JIC MALE x JIC MALE
45° COMPACT ELBOW

Item	Thread Size	Thread Size
37-7111-03-03	3/8-24 JIC	3/8-24 JIC
37-7111-04-04	7/16-20 JIC	7/16-20 JIC
37-7111-06-04	9/16-18 JIC	9/16-18 JIC
37-7111-06-06	9/16-18 JIC	9/16-18 JIC
37-7111-08-08	3/4-16 JIC	3/4-16 JIC
37-7111-10-10	7/8-14 JIC	7/8-14 JIC
37-7111-12-12	1 1/16-12 JIC	1 1/16-12 JIC
37-7111-16-16	1 5/16-12 JIC	1 5/16-12 JIC



50-5501

NPTF MALE x NPTF MALE
45° COMPACT ELBOW

Item	Thread Size	Thread Size
50-5501-02-02	1/8 NPTF	1/8 NPTF
50-5501-04-04	1/4 NPTF	1/4 NPTF
50-5501-06-06	3/8 NPTF	3/8 NPTF
50-5501-08-08	1/2 NPTF	1/2 NPTF
50-5501-12-12	3/4 NPTF	3/4 NPTF
50-5501-16-16	1 NPTF	1 NPTF
50-5501-20-20	1 1/4 NPTF	1 1/4 NPTF
50-5501-24-24	1 1/2 NPTF	1 1/2 NPTF



50-5503

NPTF MALE x NPTF FIXED FEMALE
45° COMPACT ELBOW

Item	Thread Size	Thread Size
50-5503-02-02	1/8 NPTF	1/8 NPTF
50-5503-04-04	1/4 NPTF	1/4 NPTF
50-5503-06-06	3/8 NPTF	3/8 NPTF
50-5503-08-08	1/2 NPTF	1/2 NPTF
50-5503-12-12	3/4 NPTF	3/4 NPTF
50-5503-16-16	1 NPTF	1 NPTF
50-5503-20-20	1 1/4 NPTF	1 1/4 NPTF
50-5503-24-24	1 1/2 NPTF	1 1/2 NPTF



50-5505

NPTF FIXED FEMALE x NPTF FIXED FEMALE
45° COMPACT ELBOW

Item	Thread Size	Thread Size
50-5505-02-02	1/8 NPTF	1/8 NPTF
50-5505-04-04	1/4 NPTF	1/4 NPTF
50-5505-06-06	3/8 NPTF	3/8 NPTF
50-5505-08-08	1/2 NPTF	1/2 NPTF
50-5505-12-12	3/4 NPTF	3/4 NPTF
50-5505-16-16	1 NPTF	1 NPTF
50-5505-20-20	1 1/4 NPTF	1 1/4 NPTF

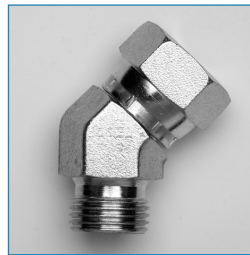


60-2010

BSP MALE x BSP MALE ADJ
45° COMPACT ELBOW

SUPPLIED COMPLETE WITH O-RING & RETAINING RING

Item	Thread Size	Thread Size
60-2010-02-02	1/4 BSP	1/4 BSP
60-2010-04-04	3/8 BSP	3/8 BSP
60-2010-06-06	1/2 BSP	1/2 BSP
60-2010-08-08	5/8 BSP	5/8 BSP
60-2010-12-12	3/4 BSP	3/4 BSP
60-2010-16-16	1 BSP	1 BSP
60-2010-20-20	1 1/4 BSP	1 1/4 BSP
60-2010-24-24	1 1/2 BSP	1 1/2 BSP



60-4001

BSP MALE x SWIVEL FEMALE
45° COMPACT ELBOW

SUITABLE FOR BONDED SEAL. THESE ARE ALSO AVAILABLE WITH A SEAL IN THE FEMALE CONE

Item	Thread Size	Thread Size
60-4001-02-02	1/8 BSP	1/8 BSP
60-4001-04-04	1/4 BSP	1/4 BSP
60-4001-06-06	3/8 BSP	3/8 BSP
60-4001-08-08	1/2 BSP	1/2 BSP
60-4001-10-10	5/8 BSP	5/8 BSP
60-4001-12-12	3/4 BSP	3/4 BSP
60-4001-16-16	1 BSP	1 BSP
60-4001-20-20	1 1/4 BSP	1 1/4 BSP
60-4001-24-24	1 1/2 BSP	1 1/2 BSP
60-4001-32-32	2 BSP	2 BSP



OR-7000

ORFS MALE X ORFS BULKHEAD MALE 45° COMPACT ELBOW

SUPPLIED COMPLETE WITH LOCK NUT

Item	Thread Size	Thread Size
OR-7000-04-04	9/16-18 ORFS	9/16-18 ORFS
OR-7000-06-06	11/16-16 ORFS	11/16-16 ORFS
OR-7000-08-08	13/16-16 ORFS	13/16-16 ORFS
OR-7000-10-10	1-14 ORFS	1-14 ORFS
OR-7000-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-7000-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS



OR-7010

ORFS MALE x UNF ADJ MALE 45° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING & O-RING

Item	Thread Size	Thread Size
OR-7010-04-04	9/16-18 ORFS	7/16-20 UNF
OR-7010-04-06	9/16-18 ORFS	9/16-18 UNF
OR-7010-06-04	11/16-16 ORFS	7/16-20 UNF
OR-7010-06-06	11/16-16 ORFS	9/16-18 UNF
OR-7010-08-08	13/16-16 ORFS	3/4-16 UNF
OR-7010-08-10	13/16-16 ORFS	7/8-14 UNF
OR-7010-10-10	1-14 ORFS	7/8-14 UNF
OR-7010-10-12	1-14 ORFS	1 1/16-12 UNF
OR-7010-12-12	1 3/16-12 ORFS	1 1/16-12 UNF
OR-7010-16-16	1 7/16-12 ORFS	1 5/16-12 UNF
OR-7010-20-20	1 11/16-12 ORFS	1 5/8-12 UNF



OR-7020

ORFS MALE X BSP ADJ MALE 45° COMPACT ELBOW

SUPPLIED COMPLETE WITH RETAINING RING & O-RING

Item	Thread Size	Thread Size
OR-7020-04-04	9/16-18 ORFS	1/4 BSP
OR-7020-06-04	11/16-16 ORFS	1/4 BSP
OR-7020-06-06	11/16-16 ORFS	3/8 BSP
OR-7020-08-06	13/16-16 ORFS	3/8 BSP
OR-7020-08-08	1-14 ORFS	1/2 BSP
OR-7020-10-08	1-14 ORFS	1/2 BSP
OR-7020-12-12	1 3/16-12 ORFS	3/4 BSP
OR-7020-16-16	1 7/16-12 ORFS	1 BSP
OR-7020-20-20	1 11/16-12 ORFS	1 1/4 BSP



OR-7040

ORFS MALE x ORFS SWIVEL FEMALE 45° ELBOW

Item	Thread Size	Thread Size
OR-7040-04-04	9/16-18 ORFS	9/16-18 ORFS
OR-7040-06-06	11/16-16 ORFS	11/16-16 ORFS
OR-7040-08-08	13/16-16 ORFS	13/16-16 ORFS
OR-7040-10-10	1-14 ORFS	1-14 ORFS
OR-7040-12-12	1 3/16-12 ORFS	1 3/16-12 ORFS
OR-7040-16-16	1 7/16-12 ORFS	1 7/16-12 ORFS
OR-7040-20-20	1 11/16-12 ORFS	1 11/16-12 ORFS
OR-7040-24-24	2-12 ORFS	2-12 ORFS

SWEPT BENDS



60-6009

BSP MALE x BSP SWIVEL FEMALE
90° SWEPT ELBOW

Item	Thread Size	Thread Size
60-6009-04-04	1/4 BSP	1/4 BSP
60-6009-06-06	3/8 BSP	3/8 BSP
60-6009-08-08	1/2 BSP	1/2 BSP
60-6009-10-10	5/8 BSP	5/8 BSP
60-6009-12-12	3/4 BSP	3/4 BSP
60-6009-16-16	1 BSP	1 BSP
60-6009-20-20	1 1/4 BSP	1 1/4 BSP
60-6009-24-24	1 1/2 BSP	1 1/2 BSP
60-6009-32-32	2 BSP	2 BSP



60-6010

BSP SWIVEL FEMALE x SWIVEL
FEMALE 90° SWEPT ELBOW

Item	Thread Size	Thread Size
60-6010-04-04	1/4 BSP	1/4 BSP
60-6010-06-06	3/8 BSP	3/8 BSP
60-6010-08-08	1/2 BSP	1/2 BSP
60-6010-10-10	5/8 BSP	5/8 BSP
60-6010-12-12	3/4 BSP	3/4 BSP
60-6010-16-16	1 BSP	1 BSP
60-6010-20-20	1 1/4 BSP	1 1/4 BSP
60-6010-24-24	1 1/2 BSP	1 1/2 BSP
60-6010-32-32	2 BSP	2 BSP



60-6011

BSP MALE x BSP SWIVEL FEMALE
45° SWEPT ELBOW

Item	Thread Size	Thread Size
60-6011-04-04	1/4 BSP	1/4 BSP
60-6011-06-06	3/8 BSP	3/8 BSP
60-6011-08-08	1/2 BSP	1/2 BSP
60-6011-10-10	5/8 BSP	5/8 BSP
60-6011-12-12	3/4 BSP	3/4 BSP
60-6011-16-16	1 BSP	1 BSP
60-6011-20-20	1 1/4 BSP	1 1/4 BSP
60-6011-24-24	1 1/2 BSP	1 1/2 BSP
60-6011-32-32	2 BSP	2 BSP



60-6012

BSP SWIVEL FEMALE x SWIVEL
FEMALE 45° SWEPT ELBOW

Item	Thread Size	Thread Size
60-6012-04-04	1/4 BSP	1/4 BSP
60-6012-06-06	3/8 BSP	3/8 BSP
60-6012-08-08	1/2 BSP	1/2 BSP
60-6012-10-10	5/8 BSP	5/8 BSP
60-6012-12-12	3/4 BSP	3/4 BSP
60-6012-16-16	1 BSP	1 BSP
60-6012-20-20	1 1/4 BSP	1 1/4 BSP
60-6012-24-24	1 1/2 BSP	1 1/2 BSP
60-6012-32-32	2 BSP	2 BSP



60-6034

BSP MALE X BSP MALE
90° SWEPT ELBOW

Item	Thread Size	Thread Size
60-6034-04-04	1/4 BSP	1/4 BSP
60-6034-06-06	3/8 BSP	3/8 BSP
60-6034-08-08	1/2 BSP	1/2 BSP
60-6034-10-10	5/8 BSP	5/8 BSP
60-6034-12-12	3/4 BSP	3/4 BSP
60-6034-16-16	1 BSP	1 BSP
60-6034-20-20	1 1/4 BSP	1 1/4 BSP
60-6034-24-24	1 1/2 BSP	1 1/2 BSP
60-6034-32-32	2 BSP	2 BSP

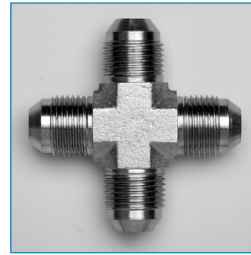


60-6035

BSP MALE X BSP MALE
45° SWEPT ELBOW

Item	Thread Size	Thread Size
60-6035-04-04	1/4 BSP	1/4 BSP
60-6035-06-06	3/8 BSP	3/8 BSP
60-6035-08-08	1/2 BSP	1/2 BSP
60-6035-10-10	5/8 BSP	5/8 BSP
60-6035-12-12	3/4 BSP	3/4 BSP
60-6035-16-16	1 BSP	1 BSP
60-6035-20-20	1 1/4 BSP	1 1/4 BSP
60-6035-24-24	1 1/2 BSP	1 1/2 BSP
60-6035-32-32	2 BSP	2 BSP

CROSS ADAPTORS



37-5000

JIC MALE CROSS

Item	Thread Size	Thread Size	Thread Size	Thread Size
37-5000-02-02-02-02	5/16-24 JIC	5/16-24 JIC	5/16-24 JIC	5/16-24 JIC
37-5000-04-04-04-04	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC	7/16-20 JIC
37-5000-05-05-05-05	1/2-20 JIC	1/2-20 JIC	1/2-20 JIC	1/2-20 JIC
37-5000-06-06-06-06	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC	9/16-18 JIC
37-5000-08-08-08-08	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC	3/4-16 JIC
37-5000-10-10-10-10	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC	7/8-14 JIC
37-5000-12-12-12-12	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC	1 1/16-12 JIC
37-5000-16-16-16-16	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC	1 5/16-12 JIC
37-5000-20-20-20-20	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC	1 5/8-12 JIC
37-5000-24-24-24-24	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC	1 7/8-12 JIC
37-5000-32-32-32-32	2 1/2-12 JIC	2 1/2-12 JIC	2 1/2-12 JIC	2 1/2-12 JIC



50-5652

NPTF FEMALE FIXED CROSS

Item	Thread Size	Thread Size	Thread Size	Thread Size
50-5652-04-04-04-04	1/4 NPTF	1/4 NPTF	1/4 NPTF	1/4 NPTF
50-5652-06-06-06-06	3/8 NPTF	3/8 NPTF	3/8 NPTF	3/8 NPTF
50-5652-08-08-08-08	1/2 NPTF	1/2 NPTF	1/2 NPTF	1/2 NPTF
50-5652-12-12-12-12	3/4 NPTF	3/4 NPTF	3/4 NPTF	3/4 NPTF
50-5652-16-16-16-16	1 NPTF	1 NPTF	1 NPTF	1 NPTF
50-5652-20-20-20-20	1 1/4 NPTF	1 1/4 NPTF	1 1/4 NPTF	1 1/4 NPTF
50-5652-24-24-24-24	1 1/2 NPTF	1 1/2 NPTF	1 1/2 NPTF	1 1/2 NPTF
50-5652-32-32-32-32	2 NPTF	2 NPTF	2 NPTF	2 NPTF



60-5000

BSP MALE CROSS

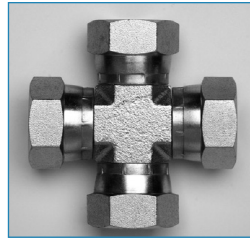
Item	Thread Size	Thread Size	Thread Size	Thread Size
60-5000-02-02-02-02	1/8 BSP	1/8 BSP	1/8 BSP	1/8 BSP
60-5000-04-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP	1/4 BSP
60-5000-06-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP	3/8 BSP
60-5000-08-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP	1/2 BSP
60-5000-10-10-10-10	5/8 BSP	5/8 BSP	5/8 BSP	5/8 BSP
60-5000-12-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP	3/4 BSP
60-5000-16-16-16-16	1 BSP	1 BSP	1 BSP	1 BSP
60-5000-20-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP



60-5001

BSP SWIVEL FEMALE CROSS

Item	Thread Size	Thread Size	Thread Size	Thread Size
60-5001-02-02-02-02	1/8 BSP	1/8 BSP	1/8 BSP	1/8 BSP
60-5001-04-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP	1/4 BSP
60-5001-06-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP	3/8 BSP
60-5001-08-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP	1/2 BSP
60-5001-12-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP	3/4 BSP
60-5001-16-16-16-16	1 BSP	1 BSP	1 BSP	1 BSP
60-5001-20-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP
60-5001-24-24-24-24	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP
60-5001-32-32-32-32	2 BSP	2 BSP	2 BSP	2 BSP



60-5002

BSP FIXED FEMALE CROSS

Item	Thread Size	Thread Size	Thread Size	Thread Size
60-5002-02-02-02-02	1/8 BSP	1/8 BSP	1/8 BSP	1/8 BSP
60-5002-04-04-04-04	1/4 BSP	1/4 BSP	1/4 BSP	1/4 BSP
60-5002-06-06-06-06	3/8 BSP	3/8 BSP	3/8 BSP	3/8 BSP
60-5002-08-08-08-08	1/2 BSP	1/2 BSP	1/2 BSP	1/2 BSP
60-5002-10-10-10-10	5/8 BSP	5/8 BSP	5/8 BSP	5/8 BSP
60-5002-12-12-12-12	3/4 BSP	3/4 BSP	3/4 BSP	3/4 BSP
60-5002-16-16-16-16	1 BSP	1 BSP	1 BSP	1 BSP
60-5002-20-20-20-20	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP	1 1/4 BSP
60-5002-24-24-24-24	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP	1 1/2 BSP
60-5002-32-32-32-32	2 BSP	2 BSP	2 BSP	2 BSP

BLANKING PLUGS AND CAPS



37-2030

JIC FEMALE BLANKING CAP

Item	Thread Size
37-2030-03	3/8-24 JIC
37-2030-04	7/16-20 JIC
37-2030-05	1/2-20 JIC
37-2030-06	9/16-18 JIC
37-2030-08	3/4-16 JIC
37-2030-10	7/8-14 JIC
37-2030-12	1 1/16-12 JIC
37-2030-14	1 3/16-12 JIC
37-2030-16	1 5/16-12 JIC
37-2030-20	1 5/8-12 JIC
37-2030-24	1 7/8-12 JIC
37-2030-32	2 1/2-12 JIC



37-2040

JIC MALE PLUG

Item	Thread Size
37-2040-02	5/16-24 JIC
37-2040-03	3/8-24 JIC
37-2040-04	7/16-20 JIC
37-2040-05	1/2-20 JIC
37-2040-06	9/16-18 JIC
37-2040-08	3/4-16 JIC
37-2040-10	7/8-14 JIC
37-2040-12	1 1/16-12 JIC
37-2040-14	1 3/16-12 JIC
37-2040-16	1 5/16-12 JIC
37-2040-20	1 5/8-12 JIC
37-2040-24	1 7/8-12 JIC
37-2040-32	2 1/2-12 JIC
37-2040-40	3-12 JIC



37-2060

SAE MALE PLUG

SUPPLIED COMPLETE WITH O-RING

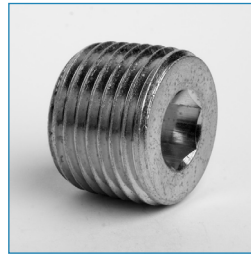
Item	Thread Size
37-2060-02	5/16-24 SAE
37-2060-03	3/8-24 SAE
37-2060-04	7/16-20 SAE
37-2060-05	1/2-20 SAE
37-2060-06	9/16-18 SAE
37-2060-07	5/8-18 SAE
37-2060-08	3/4-16 SAE
37-2060-10	7/8-14 SAE
37-2060-12	1 1/16-12 SAE
37-2060-14	1 3/16-12 SAE
37-2060-16	1 5/16-12 SAE
37-2060-20	1 5/8-12 SAE
37-2060-24	1 7/8-12 SAE
37-2060-32	2 1/2-12 SAE



37-2070

SAE MALE ALLEN KEY PLUG C/W O RING

Item	Thread Size
37-2070-02	5/16-24 SAE
37-2070-03	3/8-24 SAE
37-2070-04	7/16-20 SAE
37-2070-05	1/2-20 SAE
37-2070-06	9/16-18 SAE
37-2070-08	3/4-16 SAE
37-2070-10	7/8-14 SAE
37-2070-12	1 1/16-12 SAE
37-2070-14	1 3/16-12 SAE
37-2070-16	1 5/16-12 SAE
37-2070-20	1 5/8-12 SAE
37-2070-24	1 7/8-12 SAE
37-2070-32	2 1/2-12 SAE



50-5406-HP

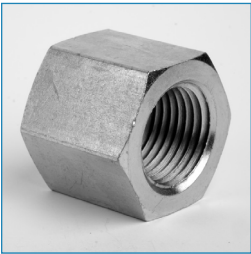
NPTF MALE SOCKET HEAD PLUG

Item	Thread Size
50-5406-HP-01	1/16 NPTF
50-5406-HP-02	1/8 NPTF
50-5406-HP-04	1/4 NPTF
50-5406-HP-06	3/8 NPTF
50-5406-HP-08	1/2 NPTF
50-5406-HP-12	3/4 NPTF
50-5406-HP-16	1 NPTF
50-5406-HP-20	1 1/4 NPTF
50-5406-HP-24	1 1/2 NPTF
50-5406-HP-32	2 NPTF



50-5406-P
NPTF MALE PLUG

Item	Thread Size
50-5406-P-01	1/16 NPTF
50-5406-P-02	1/8 NPTF
50-5406-P-04	1/4 NPTF
50-5406-P-06	3/8 NPTF
50-5406-P-08	1/2 NPTF
50-5406-P-100	4 NPTF
50-5406-P-12	3/4 NPTF
50-5406-P-16	1 NPTF
50-5406-P-20	1 1/4 NPTF
50-5406-P-24	1 1/2 NPTF
50-5406-P-32	2 NPTF
50-5406-P-40	2 1/2 NPTF
50-5406-P-60	3 NPTF
50-5406-P-80	3 1/2 NPTF



50-5407-C
NPTF FEMALE BLANKING CAP

Item	Thread Size
50-5407-C-02	1/8 NPTF
50-5407-C-04	1/4 NPTF
50-5407-C-06	3/8 NPTF
50-5407-C-08	1/2 NPTF
50-5407-C-12	3/4 NPTF
50-5407-C-16	1 NPTF
50-5407-C-20	1 1/4 NPTF
50-5407-C-24	1 1/2 NPTF
50-5407-C-32	2 NPTF



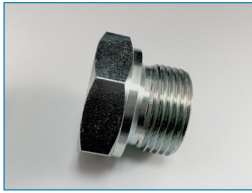
60-6005
BSP FEMALE BLANKING CAP

Item	Thread Size
60-6005-02	1/8 BSP
60-6005-04	1/4 BSP
60-6005-06	3/8 BSP
60-6005-08	1/2 BSP
60-6005-10	5/8 BSP
60-6005-12	3/4 BSP
60-6005-16	1 BSP
60-6005-20	1 1/4 BSP
60-6005-24	1 1/2 BSP
60-6005-32	2 BSP



60-6006
BSP MALE 60° CONE PLUG

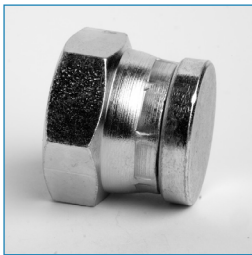
Item	Thread Size
60-6006-02	1/8 BSP
60-6006-04	1/4 BSP
60-6006-06	3/8 BSP
60-6006-08	1/2 BSP
60-6006-10	5/8 BSP
60-6006-100	4 BSP
60-6006-12	3/4 BSP
60-6006-16	1 BSP
60-6006-20	1 1/4 BSP
60-6006-24	1 1/2 BSP
60-6006-32	2 BSP
60-6006-40	2 1/2 BSP
60-6006-60	3 BSP



60-6006-DIN

BSP MALE 60° CONE PLUG DIN 3852

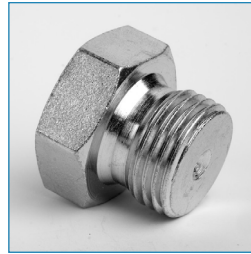
Item	Thread Size
60-6006-DIN-02	1/8 BSP
60-6006-DIN-04	1/4 BSP
60-6006-DIN-06	3/8 BSP
60-6006-DIN-08	1/2 BSP
60-6006-DIN-10	5/8 BSP
60-6006-DIN-100	4 BSP
60-6006-DIN-12	3/4 BSP
60-6006-DIN-16	1 BSP
60-6006-DIN-20	1 1/4 BSP
60-6006-DIN-24	1 1/2 BSP
60-6006-DIN-32	2 BSP
60-6006-DIN-40	2 1/2 BSP
60-6006-DIN-60	3 BSP



60-6020

METRIC FEMALE BLANKING CAP

Item	Thread Size
60-6020-12	12 MM X 1.5 MM
60-6020-14	14 MM X 1.5 MM
60-6020-16	16 MM X 1.5 MM
60-6020-18	18 MM X 1.5 MM
60-6020-20	20 MM X 1.5 MM
60-6020-22	22 MM X 1.5 MM
60-6020-24	24 MM X 1.5 MM



60-6021

METRIC MALE PLUG

Item	Thread Size
60-6021-10	10 MM X 1.5MM
60-6021-10X1	10 MM X 1.0MM
60-6021-12	12 MM X 1.5MM
60-6021-14	14 MM X 1.5MM
60-6021-16	16 MM X 1.5MM
60-6021-18	18 MM X 1.5MM
60-6021-20	20 MM X 1.5MM
60-6021-22	22 MM X 1.5MM
60-6021-24	24 MM X 1.5MM
60-6021-26	26 MM X 1.5MM
60-6021-8X1	8 MM X 1.0MM



60-6030

BSP MALE ALLEN KEY PLUG
C/W ED SEAL

Item	Thread Size
60-6030-02	1/8 BSP
60-6030-04	1/4 BSP
60-6030-06	3/8 BSP
60-6030-08	1/2 BSP
60-6030-12	3/4 BSP
60-6030-16	1 BSP
60-6030-20	1 1/4 BSP
60-6030-24	1 1/2 BSP



60-6031

BSP MALE SOLID PLUG

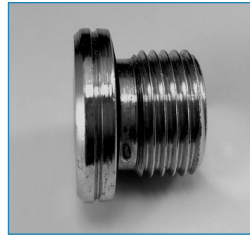
Item	Thread Size
60-6031-02	1/8 BSP
60-6031-04	1/4 BSP
60-6031-06	3/8 BSP
60-6031-08	1/2 BSP
60-6031-10	5/8 BSP
60-6031-12	3/4 BSP
60-6031-16	1 BSP
60-6031-20	1 1/4 BSP
60-6031-24	1 1/2 BSP
60-6031-32	2 BSP
60-6031-40	2 1/2 BSP
60-6031-50	3 BSP



60-6032

BSPT MALE PLUG

Item	Thread Size
60-6032-02	1/8 BSPT
60-6032-04	1/4 BSPT
60-6032-06	3/8 BSPT
60-6032-08	1/2 BSPT
60-6032-10	5/8 BSPT
60-6032-12	3/4 BSPT
60-6032-16	1 BSPT
60-6032-20	1 1/4 BSPT
60-6032-24	1 1/2 BSPT
60-6032-32	2 BSPT
60-6032-40	2 1/2 BSPT
60-6032-60	3 BSPT



60-6800-ED

METRIC ALLEN KEY PLUG
FOR ED SEAL

SUPPLIED COMPLETE WITH ED SEAL

Item	Thread Size
60-6800-ED-10x1	10 MM X 1.0MM
60-6800-ED-12	12 MM X 1.5MM
60-6800-ED-14	14 MM X 1.5MM
60-6800-ED-16	16 MM X 1.5MM
60-6800-ED-18	18 MM X 1.5MM
60-6800-ED-20	20 MM X 1.5MM
60-6800-ED-22	22 MM X 1.5MM
60-6800-ED-26	26 MM X 1.5MM
60-6800-ED-27x2	27 MM X 2.0MM
60-6800-ED-33x2	33 MM X 2.0MM
60-6800-ED-42x2	42 MM X 2.0MM
60-6800-ED-48x2	48 MM X 2.0MM



OR-2030

ORFS FEMALE BLANKING CAP

Item	Thread Size
OR-2030-04	9/16-18 ORFS
OR-2030-06	1 1/16-16 ORFS
OR-2030-08	13/16-16 ORFS
OR-2030-10	1-14 ORFS
OR-2030-12	1 3/16-12 ORFS
OR-2030-16	1 7/16-12 ORFS
OR-2030-20	1 11/16-12 ORFS
OR-2030-24	2-12 ORFS

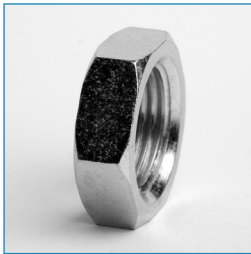


OR-2040

ORFS MALE PLUG

Item	Thread Size
OR-2040-04	9/16-18 ORFS
OR-2040-06	11/16-16 ORFS
OR-2040-08	13/16-16 ORFS
OR-2040-10	1-14 ORFS
OR-2040-12	1 3/16-12 ORFS
OR-2040-16	1 7/16-12 ORFS
OR-2040-20	1 11/16-12 ORFS
OR-2040-24	2-12 ORFS

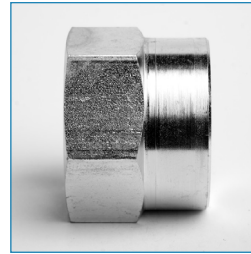
ANCILLARY



37-1001

JIC LOCK NUT

Item	Thread Size
37-1001-03	3/8-24 JIC
37-1001-04	7/16-20 JIC
37-1001-05	1/2-20 JIC
37-1001-06	9/16-18 JIC
37-1001-08	3/4-16 JIC
37-1001-10	7/8-14 JIC
37-1001-12	1 1/16-12 JIC
37-1001-14	1 3/16-12 JIC
37-1001-16	1 5/16-12 JIC
37-1001-20	1 5/8-12 JIC
37-1001-24	1 7/8-12 JIC
37-1001-32	2 1/2-12 JIC



37-1002

JIC CRIMP NUT

Item	Thread Size
37-1002-04	7/16-20 JIC
37-1002-05	1/2-20 JIC
37-1002-06	9/16-18 JIC
37-1002-08	3/4-16 JIC
37-1002-10	7/8-14 JIC
37-1002-12	1 1/16-12 JIC
37-1002-14	1 3/16-12 JIC
37-1002-16	1 5/16-12 JIC
37-1002-20	1 5/8-12 JIC
37-1002-24	1 7/8-12 JIC
37-1002-32	2 1/2-12 JIC



37-2000

JIC TUBE NUT

Item	Thread Size
37-2000-03	3/8 JIC
37-2000-04	7/16-20 JIC
37-2000-05	1/2-20 JIC
37-2000-06	9/16-18 JIC
37-2000-08	3/4-16 JIC
37-2000-10	7/8-14 JIC
37-2000-12	1 1/16-12 JIC
37-2000-12-20	1 1/16-12 JIC
37-2000-14	1 3/16-12 JIC
37-2000-16	1 5/16-12 JIC
37-2000-20	1 5/8-12 JIC
37-2000-24	1 7/8-12 JIC
37-2000-32	2 1/2-12 JIC



37-2010

JIC METRIC TUBE SLEEVE

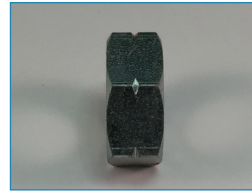
Item	Metric OD
37-2010-04-06	6MM
37-2010-05-08	8MM
37-2010-06-10	10MM
37-2010-08-12	12MM
37-2010-10-14	14MM
37-2010-10-15	15MM
37-2010-10-16	16MM
37-2010-12-18	18MM
37-2010-12-20	20MM
37-2010-14-20	20MM
37-2010-14-22	22MM
37-2010-16-25	25MM
37-2010-20-30	30MM
37-2010-24-38	38MM



37-2020

JIC IMPERIAL TUBE SLEEVE

Item	Tube O D
37-2020-03	3/16 O D
37-2020-04	1/4 O D
37-2020-05	5/16 O D
37-2020-06	3/8 O D
37-2020-08	1/2 O D
37-2020-10	5/8 O D
37-2020-12	3/4 O D
37-2020-14	7/8 O D
37-2020-16	1 O D
37-2020-20	1 1/4 O D
37-2020-24	1 1/2 O D
37-2020-32	2 O D



60-1001

METRIC LOCK NUT

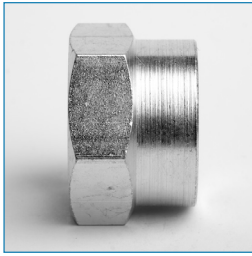
Item	Thread Size
60-1001-12	M12 X 1.5MM
60-1001-14	M14 X 1.5MM
60-1001-16	M16 X 1.5MM
60-1001-18	M18 X 1.5MM
60-1001-20	M20 X 1.5MM
60-1001-22	M22 X 1.5MM
60-1001-24	M24 X 1.5MM



60-6004

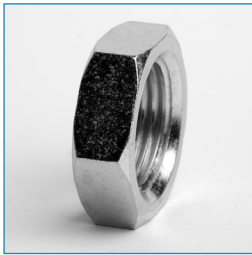
BSP LOCK NUT

Item	Thread Size
60-6004-02	1/8 BSP
60-6004-04	1/4 BSP
60-6004-06	3/8 BSP
60-6004-08	1/2 BSP
60-6004-10	5/8 BSP
60-6004-12	3/4 BSP
60-6004-16	1 BSP
60-6004-20	1 1/4 BSP
60-6004-24	1 1/2 BSP
60-6004-32	2 BSP
60-6004-40	2 1/2 BSP
60-6004-60	3 BSP



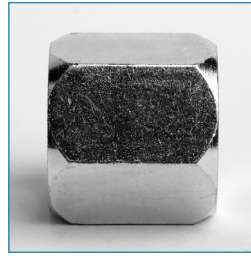
60-6033
BSP CRIMP NUT

Item	Thread Size
60-6033-02	1/8 BSP
60-6033-04	1/4 BSP
60-6033-06	3/8 BSP
60-6033-08	1/2 BSP
60-6033-10	5/8 BSP
60-6033-12	3/4 BSP
60-6033-16	1 BSP
60-6033-20	1 1/4 BSP
60-6033-24	1 1/2 BSP
60-6033-32	2 BSP



OR-1001
ORFS LOCK NUT

Item	Thread Size
OR-1001-04	9/16-18 ORFS
OR-1001-06	11/16-16 ORFS
OR-1001-08	13/16-16 ORFS
OR-1001-10	1-14 ORFS
OR-1001-12	1 3/16-12 ORFS
OR-1001-16	1 7/16-12 ORFS
OR-1001-20	1 11/16-12 ORFS
OR-1001-24	2-12 ORFS



OR-2000
ORFS TUBE NUT

Item	Thread Size
OR-2000-04	9/16-18 ORFS
OR-2000-06	11/16-16 ORFS
OR-2000-08	13/16-16 ORFS
OR-2000-10	1-14 ORFS
OR-2000-12	1 3/16-12 ORFS
OR-2000-16	1 7/16-12 ORFS
OR-2000-20	1 11/16-12 ORFS
OR-2000-24	2-12 ORFS



OR-2020
ORFS BRAZE TUBE SLEEVE

Item	Tube O D
OR-2020-04	1/4 O D
OR-2020-06	3/8 O D
OR-2020-08	1/2 O D
OR-2020-10	5/8 O D
OR-2020-12	3/4 O D
OR-2020-16	1 O D
OR-2020-20	1 1/4 O D
OR-2020-24	1 1/2 O D

FLARELESS BITE TYPE FITTINGS



C0318

NUT

Item	Tube O D
C0318-02	1/8 O D
C0318-03	3/16 O D
C0318-04	1/4 O D
C0318-06	3/8 O D
C0318-08	1/2 O D
C0318-10	5/8 O D
C0318-12	3/4 O D
C0318-16	1 O D



C0319

FERRULE

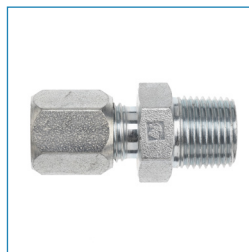
Item	Tube O D
C0319-02	1/8 O D
C0319-03	3/16 O D
C0319-04	1/4 O D
C0319-06	3/8 O D
C0319-08	1/2 O D
C0319-10	5/8 O D
C0319-12	3/4 O D
C0319-16	1 O D



C2403

TUBE UNION STRAIGHT

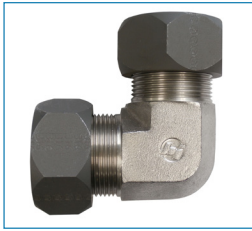
Item	Tube O D
C2403-02-02	1/8 O D
C2403-03-03	3/16 O D
C2403-04-04	1/4 O D
C2403-06-06	3/8 O D
C2403-08-08	1/2 O D
C2403-10-10	5/8 O D
C2403-12-12	3/4 O D
C2403-16-16	1 O D



C2404

TUBE UNION STRAIGHT NPT ADAPTOR

Item	Tube O D	Thread Size
C2404-02-02	1/8 O D	1/8 NPTF
C2404-03-02	3/16 O D	1/8 NPTF
C2404-04-04	1/4 O D	1/4-NPTF
C2404-04-06	1/4 O D	3/8 NPTF
C2404-06-04	3/8 O D	1/4-NPTF
C2404-06-06	3/8 O D	3/8 NPTF
C2404-06-08	3/8 O D	1/2 NPTF
C2404-08-06	1/2 O D	3/8 NPTF
C2404-08-08	1/2 O D	1/2 NPTF
C2404-10-08	5/8 O D	1/2 NPTF
C2404-12-12	3/4 O D	3/4 NPTF
C2404-12-16	3/4 O D	1 NPTF
C2404-16-16	1 O D	1 NPTF



C2500

TUBE UNION ELBOW

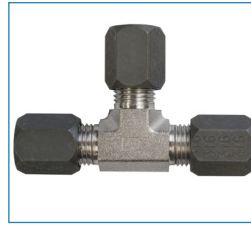
Item	Tube O D
C2500-04-04-FG	1/4 O D
C2500-06-06-FG	3/8 O D
C2500-08-08-FG	1/2 O D
C2500-10-10-FG	5/8 O D
C2500-12-12-FG	3/4 O D
C2500-16-16-FG	1 O D



C2501

TUBE UNION 90° ELBOW NPT ADAPTOR

Item	Tube O D	Thread Size
C2501-02-02-FG	1/8 O D	1/8 NPTF
C2501-03-02-FG	3/16 O D	1/8 NPTF
C2501-04-04-FG	1/4 O D	1/4-NPTF
C2501-04-06-FG	1/4 O D	3/8 NPTF
C2501-06-04-FG	3/8 O D	1/4-NPTF
C2501-06-06-FG	3/8 O D	3/8 NPTF
C2501-06-08-FG	3/8 O D	1/2 NPTF
C2501-08-06-FG	1/2 O D	3/8 NPTF
C2501-08-08-FG	1/2 O D	1/2 NPTF
C2501-10-08-FG	5/8 O D	1/2 NPTF
C2501-12-12-FG	3/4 O D	3/4 NPTF
C2501-16-16-FG	1 O D	1 NPTF



C2603

TUBE UNION ELBOW

Item	Tube O D
C2603-02-02-02-FG	1/8 O D
C2603-03-03-03-FG	3/16 O D
C2603-04-04-04-FG	1/4 O D
C2603-06-06-06-FG	3/8 O D
C2603-08-08-08-FG	1/2 O D
C2603-10-10-10-FG	5/8 O D
C2603-12-12-12-FG	3/4 O D
C2603-16-16-16-FG	1 O D



C2700

TUBE UNION BULKHEAD

Item	Tube O D
C2700-03-03	3/16 O D
C2700-04-04	1/4 O D
C2700-06-06	3/8 O D
C2700-08-08	1/2 O D
C2700-12-12	3/4 O D
C2700-16-16	1 O D



C6400

TUBE UNION STRAIGHT UNF ADAPTOR

Item	Tube O D	Thread Size
C6400-04-04-O	1/4 O D	7/16-20 UNF
C6400-04-06-O	1/4 O D	9/16-18 UNF
C6400-06-06-O	3/8 O D	9/16-18 UNF
C6400-06-08-O	3/8 O D	3/4-16 UNF

Continued...

Item	Tube O D	Thread Size
C6400-08-06-O	1/2 O D	9/16-18 UNF
C6400-08-08-O	1/2 O D	3/4-16 UNF
C6400-10-10-O	5/8 O D	7/8-14 UNF
C6400-12-12-O	3/4 O D	1 1/16-12 UNF
C6400-12-16-O	3/4 O D	1 5/16-12 UNF
C6400-16-16-O	1 O D	1 5/16-12 UNF



C6801

TUBE UNION

90° ELBOW UNF ADAPTOR

Item	Tube O D	Thread Size
C6801-04-04-NWO-FG	1/4 O D	7/16-20 UNF
C6801-06-06-NWO-FG	3/8 O D	9/16-18 UNF
C6801-06-08-NWO-FG	3/8 O D	3/4-16 UNF
C6801-08-06-NWO-FG	1/2 O D	9/16-18 UNF
C6801-08-08-NWO-FG	1/2 O D	3/4-16 UNF
C6801-10-10-NWO-FG	5/8 O D	7/8-14 UNF
C6801-12-12-NWO-FG	3/4 O D	1 1/16-12 UNF
C6801-16-16-NWO-FG	1 O D	1 5/16-12 UNF

METRIC BYTE TYPE



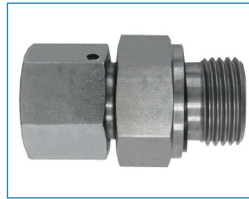
EDKV

SWIVEL UNION

Item	Tube O D	Style
D6565-L06-L06	6mm	L
D6565-L08-L08	8mm	L
D6565-L10-L10	10mm	L
D6565-L12-L12	12mm	L
D6565-L15-L15	15mm	L
D6565-L18-L18	18mm	L
D6565-L22-L22	22mm	L
D6565-L28-L28	28mm	L
D6565-L35-L35	35mm	L
D6565-L42-L42	42mm	L
D6565-S06-S06	6mm	S
D6565-S08-S08	8mm	S
D6565-S10-S10	10mm	S
D6565-S12-S12	12mm	S
D6565-S16-S16	16mm	S
D6565-S20-S20	20mm	S

Continued...

Item	Tube O D	Style
D6565-S25-S25	25mm	S
D6565-S30-S30	30mm	S
D6565-S38-S38	38mm	S



EGVD-WD

SWIVEL CONNECTOR 'L' SERIES

WD SEAL

Item	Tube O D	Thread Size	Style
D7505-L06-02-ED	6mm	1/8 BSP	L
D7505-L08-04-ED	8mm	1/4 BSP	L
D7505-L10-04-ED	10mm	1/4 BSP	L
D7505-L10-06-ED	10mm	3/8 BSP	L
D7505-L12-04-ED	12mm	1/4 BSP	L
D7505-L12-06-ED	12mm	3/8 BSP	L
D7505-L12-08-ED	12mm	1/2 BSP	L
D7505-L15-08-ED	15mm	1/2 BSP	L
D7505-L18-08-ED	18mm	1/2 BSP	L
D7505-L18-12-ED	18mm	3/4 BSP	L
D7505-L22-12-ED	22mm	3/4 BSP	L
D7505-L28-16-ED	28mm	1 BSP	L
D7505-L35-20-ED	35mm	1 1/4 BSP	L
D7505-L42-24-ED	42mm	1 1/2 BSP	L
D7505-S06-04-ED	6mm	1/4 BSP	S
D7505-S08-04-ED	8mm	1/4 BSP	S
D7505-S10-06-ED	10mm	3/8 BSP	S
D7505-S12-04-ED	12mm	1/4 BSP	S
D7505-S12-06-ED	12mm	3/8 BSP	S
D7505-S12-08-ED	12mm	1/2 BSP	S
D7505-S16-08-ED	16mm	1/2 BSP	S
D7505-S20-12-ED	20mm	3/4 BSP	S
D7505-S25-16-ED	25mm	1 BSP	S
D7505-S30-20-ED	30mm	1 1/4 BSP	S
D7505-S38-24-ED	38mm	1 1/2 BSP	S



ELVD

SWIVEL NUT RUN TEE COMPLETE

Item	Tube O D	Style
D6602-L06-L06-L06	6mm	L
D6602-L08-L08-L08	8mm	L
D6602-L10-L10-L10	10mm	L
D6602-L12-L12-L12	12mm	L

Continued...

Item	Tube O D	Style
D6602-L15-L15-L15	15mm	L
D6602-L18-L18-L18	18mm	L
D6602-L22-L22-L22	22mm	L
D6602-L28-L28-L28	28mm	L
D6602-L35-L35-L35	35mm	L
D6602-L42-L42-L42	42mm	L
D6602-S06-S06-S06	6mm	S
D6602-S08-S08-S08	8mm	S
D6602-S10-S10-S10	10mm	S
D6602-S12-S12-S12	12mm	S
D6602-S16-S16-S16	16mm	S
D6602-S20-S20-S20	20mm	S
D6602-S25-S25-S25	25mm	S
D6602-S30-S30-S30	30mm	S
D6602-S38-S38-S38	38mm	S



ETVD

SWIVEL NUT BRANCH TEE COMPLETE

Item	Tube O D	Style
D6600-L15-L15-L15	15mm	L
D6600-L28-L28-L28	28mm	L
D6600-L35-L35-L35	35mm	L
D6600-L42-L42-L42	42mm	L
D6600-S06-S06-S06	6mm	S
D6600-S08-S08-S08	8mm	S
D6600-S20-S20-S20	20mm	S
D6600-S25-S25-S25	25mm	S
D6600-S30-S30-S30	30mm	S
D6600-S38-S38-S38	38mm	S



EWVD

SWIVEL NUT ELBOW COMPLETE

Item	Tube O D	Thread Size
D6500-L22-L22	28mm	L
D6500-L28-L28	35mm	L
D6500-L42-L42	42mm	L
D6500-S06-S06	6mm	S
D6500-S08-S08	8mm	S
D6500-S10-S10	10mm	S
D6500-S12-S12	12mm	S

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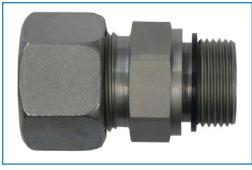
Item	Tube O D	Thread Size
D6500-S16-S16	16mm	S
D6500-S20-S20	20mm	S
D6500-S25-S25	25mm	S
D6500-S30-S30	30mm	S
D6500-S38-S38	38mm	S



GAIV

STRAIGHT FEMALE CONNECTOR COMPLETE

Item	Tube O D	Thread Size	Style
D6500-L06-L06	18mm	1/2 BSP	L
D6500-L08-L08	18mm	3/8 BSP	L
D6500-L10-L10	22mm	3/4 BSP	L
D6500-L12-L12	28mm	1 BSP	L
D6500-L15-L15	35mm	1 1/4 BSP	L
D6500-L18-L18	42mm	1 1/2 BSP	L
D6500-L35-L35	6mm	1/4 BSP	L
D6600-L06-L06-L06	8mm	1/4 BSP	L
D6600-L08-L08-L08	10mm	3/8 BSP	L
D6600-L10-L10-L10	12mm	3/8 BSP	L
D6600-L12-L12-L12	12mm	1/2 BSP	L
D6600-L18-L18-L18	16mm	1/2 BSP	L
D6600-L22-L22-L22	20mm	3/4 BSP	L
D6600-S10-S10-S10	25mm	1 BSP	S
D6600-S12-S12-S12	30mm	1 1/4 BSP	S
D6600-S16-S16-S16	38mm	1 1/2 BSP	S
D7405-L06-02	6mm	1/8 BSP	L
D7405-L06-04	6mm	1/4 BSP	L
D7405-L08-04	8mm	1/4 BSP	L
D7405-L08-06	8mm	3/8 BSP	L
D7405-L10-04	10mm	1/4 BSP	L
D7405-L10-06	10mm	3/8 BSP	L
D7405-L10-08	10mm	1/2 BSP	L
D7405-L12-04	12mm	1/4 BSP	L
D7405-L12-06	12mm	3/8 BSP	L
D7405-L12-08	12mm	1/2 BSP	L
D7405-L15-08	15mm	1/2 BSP	L



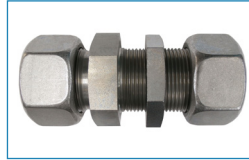
GEV-WD

MALE STUD CONNECTOR WD SEAL COMPLETE

Item	Tube O D	Thread Size	Style
D7400-L06-02-ED	6mm	1/8 BSP	L
D7400-L06-04-ED	6mm	1/4 BSP	L
D7400-L06-06-ED	6mm	3/8 BSP	L
D7400-L08-02-ED	8mm	1/8 BSP	L
D7400-L08-04-ED	8mm	1/4 BSP	L
D7400-L08-06-ED	8mm	3/8 BSP	L
D7400-L08-08-ED	8mm	1/2 BSP	L
D7400-L10-04-ED	10mm	1/4 BSP	L
D7400-L10-06-ED	10mm	3/8 BSP	L
D7400-L10-08-ED	10mm	1/2 BSP	L
D7400-L12-04-ED	12mm	1/4 BSP	L
D7400-L12-06-ED	12mm	3/8 BSP	L
D7400-L12-08-ED	12mm	1/2 BSP	L
D7400-L12-12-ED	12mm	3/4 BSP	L
D7400-L15-06-ED	15mm	3/8 BSP	L
D7400-L15-08-ED	15mm	1/2 BSP	L
D7400-L15-12-ED	15mm	3/4 BSP	L
D7400-L18-06-ED	18mm	3/8 BSP	L
D7400-L18-08-ED	18mm	1/2 BSP	L
D7400-L18-12-ED	18mm	3/4 BSP	L
D7400-L22-08-ED	22mm	1/2 BSP	L
D7400-L22-12-ED	22mm	3/4 BSP	L
D7400-L22-16-ED	22mm	1 BSP	L
D7400-L28-12-ED	28mm	3/4 BSP	L
D7400-L28-16-ED	28mm	1 BSP	L
D7400-L28-20-ED	28mm	1 1/4 BSP	L
D7400-L35-20-ED	35mm	1 1/4 BSP	L
D7400-L35-24-ED	35mm	1 1/2 BSP	L
D7400-L42-16-ED	42mm	1 BSP	L
D7400-L42-20-ED	42mm	1 1/4 BSP	L
D7400-L42-24-ED	42mm	1 1/2 BSP	L
D7400-S06-04-ED	6mm	1/4 BSP	S
D7400-S06-06-ED	6mm	3/8 BSP	S
D7400-S06-08-ED	6mm	1/2 BSP	S
D7400-S08-04-ED	8mm	1/4 BSP	S
D7400-S08-06-ED	8mm	3/8 BSP	S
D7400-S10-04-ED	10mm	1/4 BSP	S
D7400-S10-06-ED	10mm	3/8 BSP	S
D7400-S10-08-ED	10mm	1/2 BSP	S
D7400-S12-04-ED	12mm	1/4 BSP	S
D7400-S12-06-ED	12mm	3/8 BSP	S
D7400-S12-08-ED	12mm	1/2 BSP	S
D7400-S16-06-ED	16mm	3/8 BSP	S
D7400-S16-08-ED	16mm	1/2 BSP	S
D7400-S16-12-ED	16mm	3/4 BSP	S
D7400-S20-08-ED	20mm	1/2 BSP	S
D7400-S20-12-ED	20mm	3/4 BSP	S
D7400-S20-16-ED	20mm	1 BSP	S
D7400-S25-08-ED	25mm	1/2 BSP	S
D7400-S25-12-ED	25mm	3/4 BSP	S
D7400-S25-16-ED	25mm	1 BSP	S

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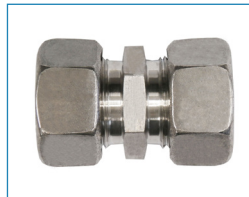
Item	Tube O D	Thread Size	Style
D7400-S25-20-ED	25mm	1 1/4 BSP	S
D7400-S30-16-ED	30mm	1 BSP	S
D7400-S30-20-ED	30mm	1 1/4 BSP	S
D7400-S30-24-ED	30mm	1 1/2 BSP	S
D7400-S38-16-ED	38mm	1 BSP	S
D7400-S38-20-ED	38mm	1 1/4 BSP	S



GSV

BULKHEAD UNION COMPLETE

Item	Tube O D	Style
D2700-LN-S06-S06	6mm	S
D2700-LN-S08-S08	8mm	S
D2700-LN-S10-S10	10mm	S
D2700-LN-S12-S12	12mm	S
D2700-LN-S16-S16	16mm	S
D2700-LN-S20-S20	20mm	S
D2700-LN-S25-S25	25mm	S
D2700-LN-S30-S30	30mm	S
D2700-LN-S38-S38	38mm	S



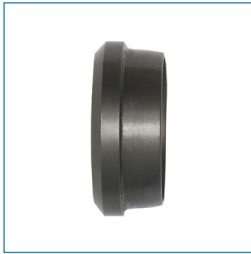
GV

STRAIGHT COUPLING COMPLETE

Item	Tube O D	Style
D2403-L06-L06	6mm	L
D2403-L08-L08	8mm	L
D2403-L10-L10	10mm	L
D2403-L12-L12	12mm	L
D2403-L15-L15	15mm	L
D2403-L18-L18	18mm	L
D2403-L22-L22	22mm	L
D2403-L28-L28	28mm	L
D2403-L35-L35	35mm	L
D2403-L42-L42	42mm	L
D2403-S06-S06	6mm	S
D2403-S08-S08	8mm	S
D2403-S10-S10	10mm	S
D2403-S12-S12	12mm	S
D2403-S14-S14	14mm	S
D2403-S16-S16	16mm	S
D2403-S20-S20	20mm	S

Continued...

Item	Tube O D	Style
D2403-S25-S25	25mm	S
D2403-S30-S30	30mm	S
D2403-S38-S38	38mm	S



PDR

DOUBLE EDGE CUTTING RING

Item	Tube O D	Style
D0319-06	6mm	L & S
D0319-08	8mm	L & S
D0319-10	10mm	L & S
D0319-12	12mm	L & S
D0319-14	14mm	S
D0319-15	15mm	L
D0319-16	16mm	S
D0319-18	18mm	L
D0319-20	20mm	S
D0319-22	22mm	L
D0319-25	25mm	S
D0319-28	28mm	L
D0319-30	30mm	S
D0319-35	35mm	L
D0319-38	38mm	S
D0319-42	42mm	L



TV

EQUAL TEE COMPLETE

Item	Tube O D	Style
D2603-L06-L06-L06	6mm	L
D2603-L08-L08-L08	8mm	L
D2603-L10-L10-L10	10mm	L
D2603-L12-L12-L12	12mm	L
D2603-L15-L15-L15	15mm	L
D2603-L18-L18-L18	18mm	L
D2603-L22-L22-L22	22mm	L
D2603-L28-L28-L28	28mm	L

Continued...

Item	Tube O D	Style
D2603-L35-L35-L35	35mm	L
D2603-L42-L42-L42	42mm	L
D2603-S06-S06-S06	6mm	S
D2603-S08-S08-S08	8mm	S
D2603-S10-S10-S10	10mm	S
D2603-S12-S12-S12	12mm	S
D2603-S14-S14-S14	14mm	S
D2603-S16-S16-S16	16mm	S
D2603-S20-S20-S20	20mm	S
D2603-S25-S25-S25	25mm	S
D2603-S30-S30-S30	30mm	S
D2603-S38-S38-S38	38mm	S



UM

NUT DIN 3870

Item	Tube O D	Style
D0318-L06	6mm	L
D0318-L08	8mm	L
D0318-L10	10mm	L
D0318-L12	12mm	L
D0318-L15	15mm	L
D0318-L18	18mm	L
D0318-L22	22mm	L
D0318-L28	28mm	L
D0318-L35	35mm	L
D0318-L42	42mm	L
D0318-S06	6mm	S
D0318-S08	8mm	S
D0318-S10	10mm	S
D0318-S12	12mm	S
D0318-S14	14mm	S
D0318-S16	16mm	S
D0318-S20	20mm	S
D0318-S25	25mm	S
D0318-S30	30mm	S
D0318-S38	38mm	S



VSTO-OD

BLANKING PLUG FOR NUT

Item	Tube O D	Style
D0303-06	6mm	L & S
D0303-08	8mm	L & S
D0303-10	10mm	L & S
D0303-12	12mm	L & S
D0303-15	15mm	L
D0303-16	16mm	S
D0303-18	18mm	L
D0303-20	20mm	S
D0303-22	22mm	L
D0303-25	25mm	S
D0303-28	28mm	L
D0303-30	30mm	S
D0303-35	35mm	L
D0303-38	38mm	S
D0303-42	42mm	L



WV

EQUAL ELBOW COMPLETE

Item	Tube O D	Style
D2500-L06-L06	6mm	L
D2500-L08-L08	8mm	L
D2500-L10-L10	10mm	L
D2500-L12-L12	12mm	L
D2500-L15-L15	15mm	L
D2500-L18-L18	18mm	L
D2500-L22-L22	22mm	L
D2500-L28-L28	28mm	L
D2500-L35-L35	35mm	L
D2500-L42-L42	42mm	L
D2500-S06-S06	6mm	S
D2500-S08-S08	8mm	S
D2500-S10-S10	10mm	S
D2500-S12-S12	12mm	S
D2500-S14-S14	14mm	S

Continued...

Item	Tube O D	Style
D2500-S16-S16	16mm	S
D2500-S20-S20	20mm	S
D2500-S25-S25	25mm	S
D2500-S30-S30	30mm	S
D2500-S38-S38	38mm	S



XELVD

SWIVEL NUT RUN TEE BODY ONLY

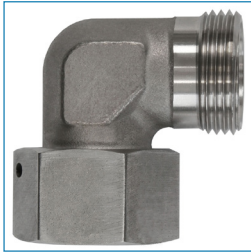
Item	Tube O D	Style
D6602-L06-L06-L06-X	6mm	L
D6602-L08-L08-L08-X	8mm	L
D6602-L10-L10-L10-X	10mm	L
D6602-L12-L12-L12-X	12mm	L
D6602-L15-L15-L15-X	15mm	L
D6602-L18-L18-L18-X	18mm	L
D6602-L22-L22-L22-X	22mm	L
D6602-L28-L28-L28-X	28mm	L
D6602-L35-L35-L35-X	35mm	L
D6602-L42-L42-L42-X	42mm	L
D6602-S06-S06-S06-X	6mm	S
D6602-S08-S08-S08-X	8mm	S
D6602-S10-S10-S10-X	10mm	S
D6602-S12-S12-S12-X	12mm	S
D6602-S16-S16-S16-X	16mm	S
D6602-S20-S20-S20-X	20mm	S
D6602-S25-S25-S25-X	25mm	S
D6602-S30-S30-S30-X	30mm	S
D6602-S38-S38-S38-X	38mm	S



XEVSU

BLANKING END

Item	Tube O D	Style
D2408-L06-X	6mm	L
D2408-L08-X	8mm	L
D2408-L10-X	10mm	L
D2408-L12-X	12mm	L
D2408-L15-X	15mm	L
D2408-L18-X	18mm	L
D2408-L22-X	22mm	L
D2408-L28-X	28mm	L
D2408-L35-X	35mm	L
D2408-L42-X	42mm	L
D2408-S06-X	6mm	S
D2408-S08-X	8mm	S
D2408-S10-X	10mm	S
D2408-S12-X	12mm	S
D2408-S16-X	16mm	S
D2408-S20-X	20mm	S
D2408-S25-X	25mm	S
D2408-S30-X	30mm	S
D2408-S38-X	38mm	S



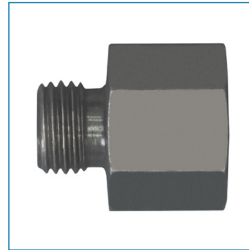
XEWVD

SWIVEL NUT ELBOW BODY ONLY

Item	Tube O D	Thread Size
D6500-L06-L06-X	6mm	L
D6500-L08-L08-X	8mm	L
D6500-L10-L10-X	10mm	L
D6500-L12-L12-X	12mm	L
D6500-L15-L15-X	15mm	L
D6500-L18-L18-X	18mm	L
D6500-L22-L22-X	22mm	L
D6500-L28-L28-X	28mm	L
D6500-L35-L35-X	35mm	L
D6500-L42-L42-X	42mm	L
D6500-S06-S06-X	6mm	S

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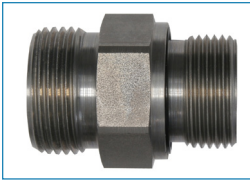
Item	Tube O D	Thread Size
D6500-S08-S08-X	8mm	S
D6500-S10-S10-X	10mm	S
D6500-S12-S12-X	12mm	S
D6500-S16-S16-X	16mm	S
D6500-S20-S20-X	20mm	S
D6500-S25-S25-X	25mm	S
D6500-S30-S30-X	30mm	S
D6500-S38-S38-X	38mm	S



XGAIV

STRAIGHT FEMALE CONNECTOR BODY ONLY

Item	Tube O D	Thread Size	Style
D7405-L06-02-X	6mm	1/8 BSP	L
D7405-L06-04-X	6mm	1/4 BSP	L
D7405-L08-04-X	8mm	1/4 BSP	L
D7405-L08-06-X	8mm	3/8 BSP	L
D7405-L08-08-X	8mm	1/2 BSP	L
D7405-L10-04-X	10mm	1/4 BSP	L
D7405-L10-06-X	10mm	3/8 BSP	L
D7405-L10-08-X	10mm	1/2 BSP	L
D7405-L12-04-X	12mm	1/4 BSP	L
D7405-L12-06-X	12mm	3/8 BSP	L
D7405-L12-08-X	12mm	1/2 BSP	L
D7405-L15-08-X	15mm	1/2 BSP	L
D7405-L18-08-X	18mm	1/2 BSP	L
D7405-L22-12-X	22mm	3/4 BSP	L
D7405-L28-16-X	28mm	1 BSP	L
D7405-L35-20-X	35mm	1 1/4 BSP	L
D7405-L42-24-X	42mm	1 1/2 BSP	L
D7405-S06-04-X	6mm	1/4 BSP	S
D7405-S08-04-X	8mm	1/4 BSP	S
D7405-S10-06-X	10mm	3/8 BSP	S
D7405-S12-06-X	12mm	3/8 BSP	S
D7405-S12-08-X	12mm	1/2 BSP	S
D7405-S16-08-X	16mm	1/2 BSP	S
D7405-S20-12-X	20mm	3/4 BSP	S
D7405-S25-16-X	25mm	1 BSP	S
D7405-S30-20-X	30mm	1 1/4 BSP	S
D7405-S38-24-X	38mm	1 1/2 BSP	S



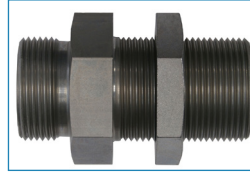
XGEV-WD

MALE STUD CONNECTOR
WD SEAL BODY ONLY

Item	Tube O D	Thread Size	Style
D7400-L06-02-ED-X	6mm	1/8 BSP	L
D7400-L06-04-ED-X	6mm	1/4 BSP	L
D7400-L06-06-ED-X	6mm	3/8 BSP	L
D7400-L08-02-ED-X	8mm	1/8 BSP	L
D7400-L08-04-ED-X	8mm	1/4 BSP	L
D7400-L08-06-ED-X	8mm	3/8 BSP	L
D7400-L08-08-ED-X	8mm	1/2 BSP	L
D7400-L10-04-ED-X	10mm	1/4 BSP	L
D7400-L10-06-ED-X	10mm	3/8 BSP	L
D7400-L10-08-ED-X	10mm	1/2 BSP	L
D7400-L12-04-ED-X	12mm	1/4 BSP	L
D7400-L12-06-ED-X	12mm	3/8 BSP	L
D7400-L12-08-ED-X	12mm	1/2 BSP	L
D7400-L12-12-ED-X	12mm	3/4 BSP	L
D7400-L15-06-ED-X	15mm	3/8 BSP	L
D7400-L15-08-ED-X	15mm	1/2 BSP	L
D7400-L15-12-ED-X	15mm	3/4 BSP	L
D7400-L18-06-ED-X	18mm	3/8 BSP	L
D7400-L18-08-ED-X	18mm	1/2 BSP	L
D7400-L18-12-ED-X	18mm	3/4 BSP	L
D7400-L22-08-ED-X	22mm	1/2 BSP	L
D7400-L22-12-ED-X	22mm	3/4 BSP	L
D7400-L22-16-ED-X	22mm	1 BSP	L
D7400-L28-12-ED-X	28mm	3/4 BSP	L
D7400-L28-16-ED-X	28mm	1 BSP	L
D7400-L28-20-ED-X	28mm	1 1/4 BSP	L
D7400-L35-20-ED-X	35mm	1 1/4 BSP	L
D7400-L35-24-ED-X	35mm	1 1/2 BSP	L
D7400-L42-16-ED-X	42mm	1 BSP	L
D7400-L42-20-ED-X	42mm	1 1/4 BSP	L
D7400-L42-24-ED-X	42mm	1 1/2 BSP	L
D7400-S06-04-ED-X	6mm	1/4 BSP	S
D7400-S06-06-ED-X	6mm	3/8 BSP	S
D7400-S06-08-ED-X	6mm	1/2 BSP	S
D7400-S08-06-ED-X	8mm	3/8 BSP	S
D7400-S10-04-ED-X	10mm	1/4 BSP	S
D7400-S10-06-ED-X	10mm	3/8 BSP	S
D7400-S10-08-ED-X	10mm	1/2 BSP	S
D7400-S12-04-ED-X	12mm	1/4 BSP	S
D7400-S12-06-ED-X	12mm	3/8 BSP	S
D7400-S12-08-ED-X	12mm	1/2 BSP	S
D7400-S16-06-ED-X	16mm	3/8 BSP	S
D7400-S16-08-ED-X	16mm	1/2 BSP	S
D7400-S16-12-ED-X	16mm	3/4 BSP	S
D7400-S20-08-ED-X	20mm	1/2 BSP	S
D7400-S20-12-ED-X	20mm	3/4 BSP	S
D7400-S20-16-ED-X	20mm	1 BSP	S
D7400-S25-08-ED-X	25mm	1/2 BSP	S
D7400-S25-12-ED-X	25mm	3/4 BSP	S
D7400-S25-16-ED-X	25mm	1 BSP	S
D7400-S25-20-ED-X	25mm	1 1/4 BSP	S

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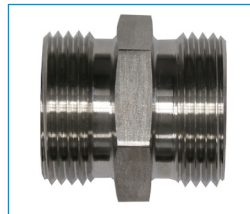
Item	Tube O D	Thread Size	Style
D7400-S30-16-ED-X	30mm	1 BSP	S
D7400-S30-20-ED-X	30mm	1 1/4 BSP	S
D7400-S30-24-ED-X	30mm	1 1/2 BSP	S
D7400-S38-16-ED-X	38mm	1 BSP	S
D7400-S38-20-ED-X	38mm	1 1/4 BSP	S
D7400-S38-24-ED-X	38mm	1 1/2 BSP	S



XGSV

BULKHEAD UNION BODY ONLY

Item	Tube O D	Style
D2700-LN-L06-L06-X	6mm	L
D2700-LN-L08-L08-X	8mm	L
D2700-LN-L10-L10-X	10mm	L
D2700-LN-L12-L12-X	12mm	L
D2700-LN-L15-L15-X	15mm	L
D2700-LN-L18-L18-X	18mm	L
D2700-LN-L22-L22-X	22mm	L
D2700-LN-L28-L28-X	28mm	L
D2700-LN-L35-L35-X	35mm	L
D2700-LN-L42-L42-X	42mm	L
D2700-LN-S06-S06-X	6mm	S
D2700-LN-S08-S08-X	8mm	S
D2700-LN-S10-S10-X	10mm	S
D2700-LN-S12-S12-X	12mm	S
D2700-LN-S16-S16-X	16mm	S
D2700-LN-S20-S20-X	20mm	S
D2700-LN-S25-S25-X	25mm	S
D2700-LN-S30-S30-X	30mm	S
D2700-LN-S38-S38-X	38mm	S



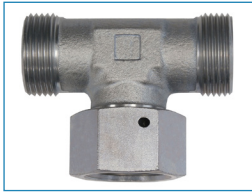
XGV

STRAIGHT COUPLING BODY ONLY

Item	Tube O D	Style
D2403-L06-L06-X	6mm	L
D2403-L08-L08-X	8mm	L
D2403-L10-L10-X	10mm	L
D2403-L12-L12-X	12mm	L
D2403-L15-L15-X	15mm	L
D2403-L18-L18-X	18mm	L
D2403-L22-L22-X	22mm	L
D2403-L28-L28-X	28mm	L
D2403-L35-L35-X	35mm	L

Continued...

Item	Tube O D	Style
D2403-L42-L42-X	42mm	L
D2403-S06-S06-X	6mm	S
D2403-S08-S08-X	8mm	S
D2403-S10-S10-X	10mm	S
D2403-S12-S12-X	12mm	S
D2403-S14-S14-X	14mm	S
D2403-S16-S16-X	16mm	S
D2403-S20-S20-X	20mm	S
D2403-S25-S25-X	25mm	S
D2403-S30-S30-X	30mm	S
D2403-S38-S38-X	38mm	S



XTEVD

SWIVEL NUT BRANCH TEE BODY ONLY

Item	Tube O D	Style
D6600-L06-L06-L06-X	6mm	L
D6600-L08-L08-L08-X	8mm	L
D6600-L10-L10-L10-X	10mm	L
D6600-L12-L12-L12-X	12mm	L
D6600-L15-L15-L15-X	15mm	L
D6600-L18-L18-L18-X	18mm	L
D6600-L22-L22-L22-X	22mm	L
D6600-L28-L28-L28-X	28mm	L
D6600-L35-L35-L35-X	35mm	L
D6600-L42-L42-L42-X	42mm	L
D6600-S06-S06-S06-X	6mm	S
D6600-S08-S08-S08-X	8mm	S
D6600-S10-S10-S10-X	10mm	S
D6600-S12-S12-S12-X	12mm	S
D6600-S16-S16-S16-X	16mm	S
D6600-S20-S20-S20-X	20mm	S
D6600-S25-S25-S25-X	25mm	S
D6600-S30-S30-S30-X	30mm	S
D6600-S38-S38-S38-X	38mm	S



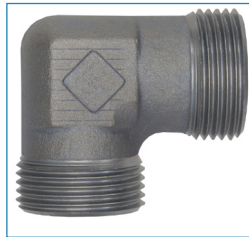
XTV

EQUAL TEE BODY ONLY

Item	Tube O D	Style
D2603-L06-L06-L06-X	6mm	L
D2603-L08-L08-L08-X	8mm	L
D2603-L10-L10-L10-X	10mm	L

Continued...

Item	Tube O D	Style
D2603-L12-L12-L12-X	12mm	L
D2603-L15-L15-L15-X	15mm	L
D2603-L18-L18-L18-X	18mm	L
D2603-L22-L22-L22-X	22mm	L
D2603-L28-L28-L28-X	28mm	L
D2603-L35-L35-L35-X	35mm	L
D2603-L42-L42-L42-X	42mm	L
D2603-S06-S06-S06-X	6mm	S
D2603-S08-S08-S08-X	8mm	S
D2603-S10-S10-S10-X	10mm	S
D2603-S12-S12-S12-X	12mm	S
D2603-S14-S14-S14-X	14mm	S
D2603-S16-S16-S16-X	16mm	S
D2603-S20-S20-S20-X	20mm	S
D2603-S25-S25-S25-X	25mm	S
D2603-S30-S30-S30-X	30mm	S
D2603-S38-S38-S38-X	38mm	S

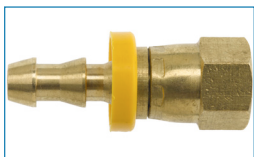


XWV

EQUAL ELBOW BODY ONLY

Item	Tube O D	Style
D2500-L06-L06-X	6mm	L
D2500-L08-L08-X	8mm	L
D2500-L10-L10-X	10mm	L
D2500-L12-L12-X	12mm	L
D2500-L15-L15-X	15mm	L
D2500-L18-L18-X	18mm	L
D2500-L22-L22-X	22mm	L
D2500-L28-L28-X	28mm	L
D2500-L35-L35-X	35mm	L
D2500-L42-L42-X	42mm	L
D2500-S06-S06-X	6mm	S
D2500-S08-S08-X	8mm	S
D2500-S10-S10-X	10mm	S
D2500-S12-S12-X	12mm	S
D2500-S14-S14-X	14mm	S
D2500-S16-S16-X	16mm	S
D2500-S20-S20-X	20mm	S
D2500-S25-S25-X	25mm	S
D2500-S30-S30-X	30mm	S
D2500-S38-S38-X	38mm	S

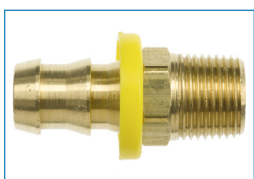
BRASS HOSE FITTING ADAPTORS



2111

BRASS PUSH ON JIC FEMALE STRAIGHT

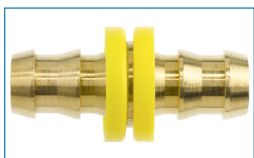
Item	Hose ID	Thread Size
2111-04-04-B	1/4 I D	7/16-20 JIC
2111-06-06-B	3/8 I D	9/16-18 JIC
2111-08-08-B	1/2 I D	3/4-16 JIC
2111-10-10-B	5/8 I D	7/8-14 JIC
2111-12-12-B	3/4 I D	1 1/16-12 JIC
2111-16-16-B	1 I D	1 5/16-12 JIC



2113

BRASS PUSH ON NPT MALE

Item	Hose ID	Thread Size
2113-04-04-B	1/4 I D	1/4 NPTF
2113-04-06-B	1/4 I D	3/8 NPTF
2113-06-06-B	3/8 I D	3/8 NPTF
2113-06-08-B	3/8 I D	1/2 NPTF
2113-08-06-B	1/2 I D	3/8 NPTF
2113-08-08-B	1/2 I D	1/2 NPTF
2113-10-08-B	5/8 I D	1/2 NPTF
2113-12-08-B	3/4 I D	1/2 NPTF
2113-12-12-B	3/4 I D	3/4 NPTF
2113-16-16-B	1 I D	1 NPTF



2118

BRASS PUSH ON HOSE BARB

Item	Hose ID	Thread Size
2118-04-04-B	1/4 I D	1/4 I D
2118-06-06-B	3/8 I D	3/8 I D
2118-08-08-B	1/2 I D	1/2 I D
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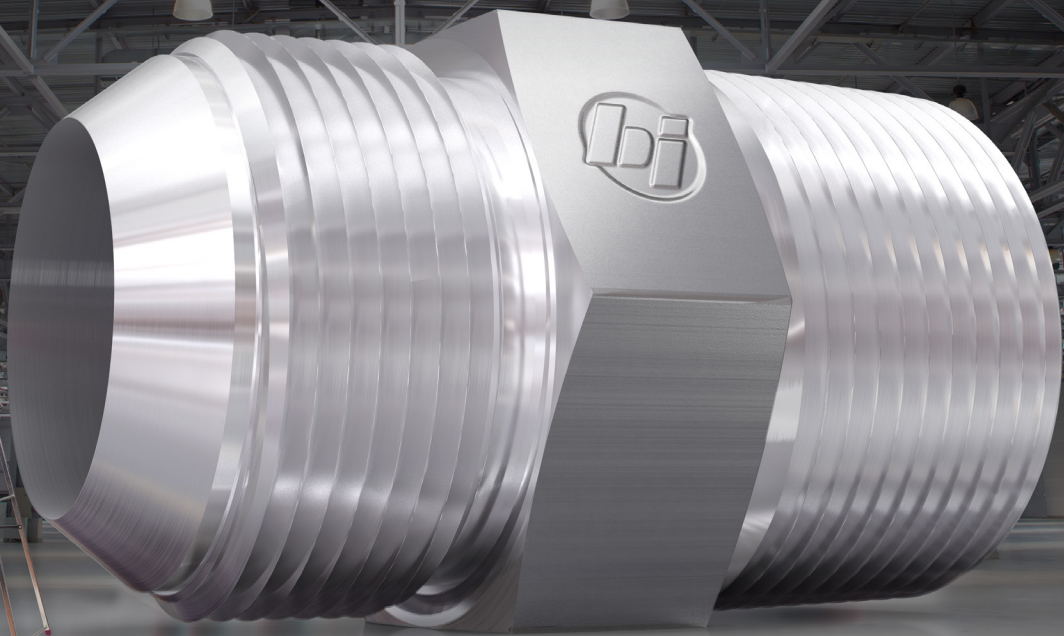
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CUSTOM SIZES AVAILABLE



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Brennan stocks roughly 4 times the selection of our competitors. That means large or small sizes, unusual jump sizes or end combinations, as well as popular sizes are all readily available. And if we don't carry it, we will make it for you! Because we control the manufacturing process from end-to-end, we can offer the widest variety of sizes, materials, platings and coatings - even custom engineered solutions.



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With these new and improved kits, properly identifying BSP, Metric, UN and NPT fittings will be easier than ever. Identify all of the most common sizes in both male and female. Color coded fittings make it easy to decipher thread types and the size is imprinted right on the fitting. A helpful thread gauge for British and Metric or UN and NPT threads is also included. Packaged in a lightweight and tough locking case, these kits will help prevent costly mistakes.



METRIC

M8 - 1.0
 M10 - 1.0
 M12 - 1.5
 M14 - 1.5
 M16 - 1.5
 M18 - 1.5
 M20 - 1.5
 M22 - 1.5
 M24 - 1.5
 M26 - 1.5
 M27 - 1.5
 M30 - 1.5
 M30 - 2
 M33 - 2
 M36 - 1.5
 M36 - 2
 M38 - 1.5
 M42 - 2
 M45 - 1.5
 M45 - 2
 M52 - 2

BSPP

1/8 - 28
 1/4 - 19
 3/8 - 19
 1/2 - 14
 5/8 - 14
 3/4 - 14
 1 - 11
 1 1/4 - 11
 1 1/2 - 11
 2 - 11

UN

2 - 12
 1 7/8 - 12
 1 11/16 - 12
 1 5/8 - 12
 1 7/16 - 12
 1 5/16 - 12
 1 3/16 - 12
 1 1/16 - 12
 1 - 14
 7/8 - 14
 13/16 - 16
 3/4 - 16
 11/16 - 16
 9/16 - 18
 1/2 - 20
 7/16 - 20
 3/8 - 24
 5/16 - 24

NPT

2 - 11.5
 1.5 - 11.5
 1.25 - 11.5
 1 - 11.5
 3/4 - 14
 1/2 - 14
 3/8 - 18
 1/4 - 18
 1/8 - 27



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