



STAINLESS STEEL FITTINGS CATALOG

Hydraulic Threaded
Stainless Adapters

TABLE OF CONTENTS

Table of Contents.....	2
ORB Series	3
ORB Male to NPT.....	4
ORB Female to NPT.....	5
ORB Male to Female.....	6
ORB Union.....	7
ORB Plug.....	7
ORB Male to SAE.....	8
ORB Female to SAE.....	9
ORFS Series	10
ORFS Tube Union.....	11
ORFS Male Adapter.....	12
ORFS Male Elbow.....	13
ORFS Male Tee.....	14
ORFS Male Cross.....	14
JIC Series	15
JIC Tube Union.....	16
JIC Male to NPT.....	17
JIC Plug.....	18
JIC Cap.....	18
JIC Tube Nut.....	18
JIC Tube Sleeve.....	19
JIC to O-Ring Boss (ORB).....	19
O-Ring Boss (ORB) to JIC Swivel.....	20
JIC to O-Ring Boss (ORB) Elbow.....	20
NPT Series	21
Tee.....	22
Branch Tee.....	23
Cross.....	23
Hex Female Coupler.....	24
Hex Bushing.....	25-26
Hex Nipple.....	27
Reducing Hex Nipple.....	28-29
Swivel Series	30
Male Pipe Swivel Adapter.....	31
Female Pipe Swivel Adapter.....	31
Hydraulic Hose Adapter Series	32
Hose to Male NPT Rigid.....	33
Hose to Female JIC Swivel.....	33
Contact Information.....	34

ORB SERIES

O-RING BOSS

DESCRIPTION

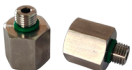
SAE O-Ring Boss (ORB) fittings use the SAE J514 straight thread with an O-ring at the adapter base for a tight seal connection. ORB fittings are a great choice for medium to high pressure applications. Fittings are manufactured with 316 Stainless Steel and offer excellent corrosion resistance in a wide variety of environments. All ORB fittings are manufactured in a ISO 9001:2015 and IATF 16949:2016 certified factory.

CERTIFICATIONS - ISO 9001:2015 / IATF 16949:2016

STANDARDS - ASME B1.20.1 / SAE J514 / 4:1 Min Burst from Rated Pressure

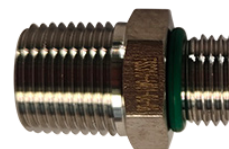
MATERIALS - 316L Stainless Steel / Buna-N O-ring

PRODUCT CATEGORIES

Image	Product	# SKU
	ORB Male to NPT	17
	ORB Female to NPT	6
	ORB Male to Female	25
	ORB Union	6
	ORB Plug	9
	ORB Male to SAE	22
	ORB Female to SAE	6

ORB SERIES

O-RING BOSS



SAE O-Ring Boss ORB Male To NPT Pipe Male Adapter

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6401-02-04	SS FITTING, 1/8" ORB (5/16"-24 thread) Male x 1/4" Male Pipe	316L	4000
FSS316-6401-03-02	SS FITTING, 3/16" ORB (3/8"-24 thread) Male x 1/8" Male Pipe	316L	5000
FSS316-6401-04-02	SS FITTING, 1/4" ORB (7/16"-20 thread) Male x 1/8" Male Pipe	316L	5000
FSS316-6401-04-04	SS FITTING, 1/4" ORB (7/16"-20 thread) Male x 1/4" Male Pipe	316L	4000
FSS316-6401-05-04	SS FITTING, 5/16" ORB (1/2"-20 thread) Male x 1/4" Male Pipe	316L	4000
FSS316-6401-06-04	SS FITTING, 3/8" ORB (9/16"-18 thread) Male x 1/4" Male Pipe	316L	4000
FSS316-6401-06-06	SS FITTING, 3/8" ORB (9/16"-18 thread) Male x 3/8" Male Pipe	316L	3000
FSS316-6401-06-08	SS FITTING, 3/8" ORB (9/16"-18 thread) Male x 1/2" Male Pipe	316L	3000
FSS316-6401-08-04	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 1/4" Male Pipe	316L	4000
FSS316-6401-08-06	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 3/8" Male Pipe	316L	3000
FSS316-6401-08-08	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 1/2" Male Pipe	316L	3000
FSS316-6401-10-08	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 1/2" Male Pipe	316L	3000
FSS316-6401-10-12	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 3/4" Male Pipe	316L	2500
FSS316-6401-12-08	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 1/2" Male Pipe	316L	3000
FSS316-6401-12-12	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 3/4" Male Pipe	316L	2500
FSS316-6401-16-12	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 3/4" Male Pipe	316L	2000
FSS316-6401-16-16	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 1" Male Pipe	316L	2000

ORB SERIES

O-RING BOSS



SAE O-Ring Boss ORB Female To NPT Pipe Male Adapter

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6404-04-04	SS FITTING, 1/4" ORB (7/16"-20 thread) Female x 1/4" Male Pipe	316L	4000
FSS316-6404-06-06	SS FITTING, 3/8" ORB (9/16"-18 thread) Female x 3/8" Male Pipe	316L	3000
FSS316-6404-08-08	SS FITTING, 1/2" ORB (3/4"-16 thread) Female x 1/2" Male Pipe	316L	3000
FSS316-6404-10-08	SS FITTING, 5/8" ORB (7/8"-14 thread) Female x 1/2" Male Pipe	316L	3000
FSS316-6404-12-12	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Female x 3/4" Male Pipe	316L	2500
FSS316-6404-16-16	SS FITTING, 1" ORB (1 5/16"-12 thread) Female x 1" Male Pipe	316L	2000

ORB SERIES

O-RING BOSS



SAE O-Ring Boss ORB Male To NPT Pipe Female Adapter

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6405-02-02	SS FITTING, 1/8" ORB (5/16"-24 thread) Male x 1/8" Female Pipe	316L	5000
FSS316-6405-04-02	SS FITTING, 1/4" ORB (7/16"-20 thread) Male x 1/8" Female Pipe	316L	4000
FSS316-6405-04-04	SS FITTING, 1/4" ORB (7/16"-20 thread) Male x 1/4" Female Pipe	316L	4000
FSS316-6405-05-04	SS FITTING, 5/16" ORB (1/2"-20 thread) Male x 1/4" Female Pipe	316L	4000
FSS316-6405-06-04	SS FITTING, 3/8" ORB (9/16"-18 thread) Male x 1/4" Female Pipe	316L	4000
FSS316-6405-06-06	SS FITTING, 3/8" ORB (9/16"-18 thread) Male x 3/8" Female Pipe	316L	3000
FSS316-6405-06-08	SS FITTING, 3/8" ORB (9/16"-18 thread) Male x 1/2" Female Pipe	316L	3000
FSS316-6405-08-02	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 1/8" Female Pipe	316L	4000
FSS316-6405-08-04	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 1/4" Female Pipe	316L	4000
FSS316-6405-08-06	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 3/8" Female Pipe	316L	3000
FSS316-6405-08-08	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 1/2" Female Pipe	316L	3000
FSS316-6405-08-12	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 3/4" Female Pipe	316L	2500
FSS316-6405-10-04	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 1/4" Female Pipe	316L	3000
FSS316-6405-10-06	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 3/8" Female Pipe	316L	3000
FSS316-6405-10-08	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 1/2" Female Pipe	316L	3000
FSS316-6405-10-12	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 3/4" Female Pipe	316L	2500
FSS316-6405-12-04	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 1/4" Female Pipe	316L	3000
FSS316-6405-12-06	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 3/8" Female Pipe	316L	3000
FSS316-6405-12-08	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 1/2" Female Pipe	316L	3000
FSS316-6405-12-12	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 3/4" Female Pipe	316L	2500
FSS316-6405-14-08	SS FITTING, 7/8" ORB (1 3/16"-12 thread) Male x 1/2" Female Pipe	316L	2500
FSS316-6405-14-12	SS FITTING, 7/8" ORB (1 3/16"-12 thread) Male x 3/5" Female Pipe	316L	2500
FSS316-6405-16-08	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 1/2" Female Pipe	316L	2000
FSS316-6405-16-12	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 3/4" Female Pipe	316L	2000
FSS316-6405-16-16	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 1" Female Pipe	316L	2000

ORB SERIES

O-RING BOSS



SAE O-Ring Boss ORB Male To SAE O-Ring Boss ORB Male Union

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6407-04-04	SS FITTING, 1/4" ORB (7/16"-20 thread) Male Swivel Union	316L	4500
FSS316-6407-06-06	SS FITTING, 3/8" ORB (9/16"-18 thread) Male Swivel Union	316L	4000
FSS316-6407-08-08	SS FITTING, 1/2" ORB (3/4"-16 thread) Male Swivel Union	316L	4000
FSS316-6407-10-10	SS FITTING, 5/8" ORB (7/8"-14 thread) Male Swivel Union	316L	3000
FSS316-6407-12-12	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male Swivel Union	316L	3000
FSS316-6407-16-16	SS FITTING, 1" ORB (1 5/16"-12 thread) Male Swivel Union	316L	2500

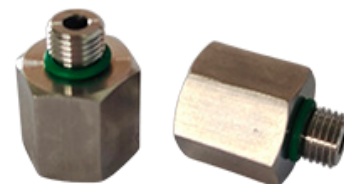


SAE O-Ring Boss ORB To Head Plug

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6408-02	SS FITTING, 1/8" ORB (5/16"-24 thread) Male Hex Head Plug	316L	5000
FSS316-6408-03	SS FITTING, 3/16" ORB (3/8"-24 thread) Male Hex Head Plug	316L	5000
FSS316-6408-04	SS FITTING, 1/4" ORB (7/16"-20 thread) Male Hex Head Plug	316L	5000
FSS316-6408-05	SS FITTING, 5/16" ORB (1/2"-20 thread) Male Hex Head Plug	316L	5000
FSS316-6408-06	SS FITTING, 3/8" ORB (9/16"-18 thread) Male Hex Head Plug	316L	5000
FSS316-6408-08	SS FITTING, 1/2" ORB (3/4"-16 thread) Male Hex Head Plug	316L	4500
FSS316-6408-10	SS FITTING, 5/8" ORB (7/8"-14 thread) Male Hex Head Plug	316L	3500
FSS316-6408-12	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male Hex Head Plug	316L	3500
FSS316-6408-16	SS FITTING, 1" ORB (1 5/16"-12 thread) Male Hex Head Plug	316L	3000

ORB SERIES

O-RING BOSS



SAE O-Ring Boss ORB Male To SAE O-Ring Boss ORB Female

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6410-04-04	SS FITTING, 1/4" ORB (7/16"-20 thread) Male x 1/4" ORB (7/16"-20 thread) Female	316L	5000
FSS316-6410-04-06	SS FITTING, 1/4" ORB (7/16"-20 thread) Male x 3/8" ORB (9/16"-18 thread) Female	316L	5000
FSS316-6410-04-08	SS FITTING, 1/4" ORB (7/16"-20 thread) Male x 1/2" ORB (3/4"-16 thread) Female	316L	4500
FSS316-6410-06-04	SS FITTING, 3/8" ORB (9/16"-18 thread) Male x 1/4" ORB (7/16"-20 thread) Female	316L	5000
FSS316-6410-06-06	SS FITTING, 3/8" ORB (9/16"-18 thread) Male x 3/8" ORB (9/16"-18 thread) Female	316L	5000
FSS316-6410-06-08	SS FITTING, 3/8" ORB (9/16"-18 thread) Male x 1/2" ORB (3/4"-16 thread) Female	316L	4500
FSS316-6410-08-04	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 1/4" ORB (7/16"-20 thread) Female	316L	4500
FSS316-6410-08-06	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 3/8" ORB (9/16"-18 thread) Female	316L	4500
FSS316-6410-08-08	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 1/2" ORB (3/4"-16 thread) Female	316L	4500
FSS316-6410-08-10	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 5/8" ORB (7/8"-14 thread) Female	316L	3500
FSS316-6410-08-12	SS FITTING, 1/2" ORB (3/4"-16 thread) Male x 3/4" ORB (1 1/16"-12 thread) Female	316L	3500
FSS316-6410-10-04	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 1/4" ORB (7/16"-20 thread) Female	316L	3500
FSS316-6410-10-06	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 3/8" ORB (9/16"-18 thread) Female	316L	3500
FSS316-6410-10-08	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 1/2" ORB (3/4"-16 thread) Female	316L	3500
FSS316-6410-10-12	SS FITTING, 5/8" ORB (7/8"-14 thread) Male x 3/4" ORB (1 1/16"-12 thread) Female	316L	3500
FSS316-6410-12-04	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 1/4" ORB (7/16"-20 thread) Female	316L	3500
FSS316-6410-12-06	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 3/8" ORB (9/16"-18 thread) Female	316L	3500
FSS316-6410-12-08	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 1/2" ORB (3/4"-16 thread) Female	316L	3500
FSS316-6410-12-10	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 5/8" ORB (7/8"-14 thread) Female	316L	3500
FSS316-6410-12-16	SS FITTING, 3/4" ORB (1 1/16"-12 thread) Male x 1" ORB (1 5/16"-12 thread) Female	316L	3000
FSS316-6410-16-08	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 1/2" ORB (3/4"-16 thread) Female	316L	3000
FSS316-6410-16-12	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 3/4" ORB (1 1/16"-12 thread) Female	316L	3000
FSS316-6410-16-20	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 1 1/4" ORB (1-5/8"-12 thread) Female	316L	2500
FSS316-6410-16-24	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 1 1/2" ORB (1-7/8"-12 thread) Female	316L	2000
FSS316-6410-16-32	SS FITTING, 1" ORB (1 5/16"-12 thread) Male x 2" ORB (2 1/2"-12 thread) Female	316L	1500

ORB SERIES

O-RING BOSS



SAE O-Ring Boss ORB Female X SAE O-Ring Boss ORB Female Coupler

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6425-04-04	SS FITTING, 1/4" ORB Female x 1/4" ORB Female	316L	5000
FSS316-6425-06-06	SS FITTING, 3/8" ORB Female x 3/8" ORB Female	316L	5000
FSS316-6425-08-08	SS FITTING, 1/2" ORB Female x 1/2" ORB Female	316L	4500
FSS316-6425-10-10	SS FITTING, 5/8" ORB Female x 5/8" ORB Female	316L	3500
FSS316-6425-12-12	SS FITTING, 3/4" ORB Female x 3/4" ORB Female	316L	3500
FSS316-6425-16-16	SS FITTING, 1" ORB Female x 1" ORB Female	316L	3000

ORFS SERIES

O-RING FACE SEAL

DESCRIPTION

O-Ring Face Seal (ORFS) fittings are manufactured to be compliant with the SAE J5143 standard and have an O-ring on the fitting face for a tight seal connection. ORFS fittings are a great choice for high pressure applications. Fittings are manufactured with 304 or 316 Stainless Steel and offer excellent corrosion resistance in a wide variety of environments. All ORFS fittings are manufactured in a ISO 9001:2015 and IATF 16949:2016 certified factory.

CERTIFICATIONS - ISO 9001:2015 / IATF 16949:2015

STANDARDS - ASME B1.20.1 / SAE J514 / 4:1 Min Burst from Rated Pressure

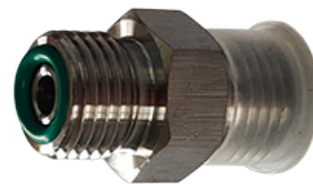
MATERIALS - 304 Stainless Steel / 316L Stainless Steel / Buna-N O-ring

PRODUCT CATEGORIES

Image	Product	# SKU
	ORFS Tube Union	12
	ORFS Male Adapter	20
	ORFS Male Elbow	12
	ORFS Male Tee	12
	ORFS Male Cross	2

ORFS SERIES

O-RING FACE SEAL



SAE O-Ring Face Seal ORFS Tube Union - 304

Item #	Item Name	Material	Pressure Rating (PSI)
FSS304-FS2403-04-04	SS FITTING, Stainless Steel Tube Union, 1/4" ORFS x 1/4" ORFS	304	6000
FSS304-FS2403-06-06	SS FITTING, Stainless Steel Tube Union, 3/8" ORFS x 3/8" ORFS	304	6000
FSS304-FS2403-08-08	SS FITTING, Stainless Steel Tube Union, 1/2" ORFS x 1/2" ORFS	304	6000
FSS304-FS2403-10-10	SS FITTING, Stainless Steel Tube Union, 5/8" ORFS x 5/8" ORFS	304	6000
FSS304-FS2403-12-12	SS FITTING, Stainless Steel Tube Union, 3/4" ORFS x 3/4" ORFS	304	6000
FSS304-FS2403-16-16	SS FITTING, Stainless Steel Tube Union, 1" ORFS x 1" ORFS	304	6000



SAE O-Ring Face Seal ORFS Tube Union - 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-FS2403-04-04	SS FITTING, Stainless Steel Tube Union, 1/4" ORFS x 1/4" ORFS	316L	6000
FSS316-FS2403-06-06	SS FITTING, Stainless Steel Tube Union, 3/8" ORFS x 3/8" ORFS	316L	6000
FSS316-FS2403-08-08	SS FITTING, Stainless Steel Tube Union, 1/2" ORFS x 1/2" ORFS	316L	6000
FSS316-FS2403-10-10	SS FITTING, Stainless Steel Tube Union, 5/8" ORFS x 5/8" ORFS	316L	6000
FSS316-FS2403-12-12	SS FITTING, Stainless Steel Tube Union, 3/4" ORFS x 3/4" ORFS	316L	6000
FSS316-FS2403-16-16	SS FITTING, Stainless Steel Tube Union, 1" ORFS x 1" ORFS	316L	6000

ORFS SERIES

O-RING FACE SEAL



SAE O-Ring Face Seal ORFS Male ORFS x Male NPTF- 304

Item #	Item Name	Material	Pressure Rating (PSI)
FSS304-FS2404-04-04	SS FITTING, Stainless Steel 1/4" Male ORFS x 1/4" Male NPTF	304	6000
FSS304-FS2404-06-06	SS FITTING, Stainless Steel 3/8" Male ORFS x 3/8" Male NPTF	304	4000
FSS304-FS2404-06-08	SS FITTING, Stainless Steel 3/8" Male ORFS x 1/2" Male NPTF	304	3000
FSS304-FS2404-12-12	SS FITTING, Stainless Steel 3/4" Male ORFS x 3/4" Male NPTF	304	2500
FSS304-FS2404-16-16	SS FITTING, Stainless Steel 1" Male ORFS x 1" Male NPTF	304	2000



SAE O-Ring Face Seal ORFS Male ORFS x Male NPTF- 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-FS2404-04-04	SS FITTING, Stainless Steel 1/4" Male ORFS x 1/4" Male NPTF	316L	6000
FSS316-FS2404-06-06	SS FITTING, Stainless Steel 3/8" Male ORFS x 3/8" Male NPTF	316L	4000
FSS316-FS2404-06-08	SS FITTING, Stainless Steel 3/8" Male ORFS x 1/2" Male NPTF	316L	3000
FSS316-FS2404-12-12	SS FITTING, Stainless Steel 3/4" Male ORFS x 3/4" Male NPTF	316L	2500
FSS316-FS2404-16-16	SS FITTING, Stainless Steel 1" Male ORFS x 1" Male NPTF	316L	2000

ORFS SERIES

O-RING FACE SEAL



SAE O-Ring Face Seal ORFS Male 90° Elbow- 304

Item #	Item Name	Material	Pressure Rating (PSI)
FSS304-FS2500-04-04	SS FITTING, Stainless Steel 90° Union Elbow, 1/4" ORFS x 1/4" ORFS	304	6000
FSS304-FS2500-06-06	SS FITTING, Stainless Steel 90° Union Elbow, 3/8" ORFS x 3/8" ORFS	304	6000
FSS304-FS2500-08-08	SS FITTING, Stainless Steel 90° Union Elbow, 1/2" ORFS x 1/2" ORFS	304	6000
FSS304-FS2500-10-10	SS FITTING, Stainless Steel 90° Union Elbow, 5/8" ORFS x 5/8" ORFS	304	6000
FSS304-FS2500-12-12	SS FITTING, Stainless Steel 90° Union Elbow, 3/4" ORFS x 3/4" ORFS	304	6000
FSS304-FS2500-16-16	SS FITTING, Stainless Steel 90° Union Elbow, 1" ORFS x 1" ORFS	304	6000



SAE O-Ring Face Seal ORFS Male 90° Elbow- 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-FS2500-04-04	SS FITTING, Stainless Steel 90° Union Elbow, 1/4" ORFS x 1/4" ORFS	316L	6000
FSS316-FS2500-06-06	SS FITTING, Stainless Steel 90° Union Elbow, 3/8" ORFS x 3/8" ORFS	316L	6000
FSS316-FS2500-08-08	SS FITTING, Stainless Steel 90° Union Elbow, 1/2" ORFS x 1/2" ORFS	316L	6000
FSS316-FS2500-10-10	SS FITTING, Stainless Steel 90° Union Elbow, 5/8" ORFS x 5/8" ORFS	316L	6000
FSS316-FS2500-12-12	SS FITTING, Stainless Steel 90° Union Elbow, 3/4" ORFS x 3/4" ORFS	316L	6000
FSS316-FS2500-16-16	SS FITTING, Stainless Steel 90° Union Elbow, 1" ORFS x 1" ORFS	316L	6000

ORFS SERIES

O-RING FACE SEAL



SAE O-Ring Face Seal ORFS Male Tee- 304

Item #	Item Name	Material	Pressure Rating (PSI)
FSS304-FS2603-04-04-04	SS FITTING, Stainless Steel Union Tee, 1/4" ORFS x 1/4" ORFS x 1/4" ORFS	304	6000
FSS304-FS2603-06-06-06	SS FITTING, Stainless Steel Union Tee, 3/8" ORFS x 3/8" ORFS x 3/8" ORFS	304	6000
FSS304-FS2603-08-08-08	SS FITTING, Stainless Steel Union Tee, 1/2" ORFS x 1/2" ORFS x 1/2" ORFS	304	6000
FSS304-FS2603-10-10-10	SS FITTING, Stainless Steel Union Tee, 5/8" ORFS x 5/8" ORFS x 5/8" ORFS	304	6000
FSS304-FS2603-12-12-12	SS FITTING, Stainless Steel Union Tee, 3/4" ORFS x 3/4" ORFS x 3/4" ORFS	304	6000
FSS304-FS2603-16-16-16	SS FITTING, Stainless Steel Union Tee, 1" ORFS x 1" ORFS x 1" ORFS	304	6000

SAE O-Ring Face Seal ORFS Male Tee- 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-FS2603-04-04-04	SS FITTING, Stainless Steel Union Tee, 1/4" ORFS x 1/4" ORFS x 1/4" ORFS	316L	6000
FSS316-FS2603-06-06-06	SS FITTING, Stainless Steel Union Tee, 3/8" ORFS x 3/8" ORFS x 3/8" ORFS	316L	6000
FSS316-FS2603-08-08-08	SS FITTING, Stainless Steel Union Tee, 1/2" ORFS x 1/2" ORFS x 1/2" ORFS	316L	6000
FSS316-FS2603-10-10-10	SS FITTING, Stainless Steel Union Tee, 5/8" ORFS x 5/8" ORFS x 5/8" ORFS	316L	6000
FSS316-FS2603-12-12-12	SS FITTING, Stainless Steel Union Tee, 3/4" ORFS x 3/4" ORFS x 3/4" ORFS	316L	6000
FSS316-FS2603-16-16-16	SS FITTING, Stainless Steel Union Tee, 1" ORFS x 1" ORFS x 1" ORFS	316L	6000



SAE O-Ring Face Seal ORFS Male ORFS Cross - 304

Item #	Item Name	Material	Pressure Rating (PSI)
FSS304-FS2650-12-12-12-12	SS FITTING, Stainless Steel 3/4" Male ORFSS304- Cross	304	6000

SAE O-Ring Face Seal ORFS Male ORFS Cross - 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-FS2650-12-12-12-12	SS FITTING, Stainless Steel 3/4" Male ORFSS316- Cross	316L	6000

JIC SERIES

37° FLARE SEATING SURFACE

DESCRIPTION

JIC fittings utilize a 37° cone seat on the female fittings and a 37° flare on the male fittings. When assembled, these matching fittings form a tight mechanical seal. JIC fittings are a common choice in many applications and are a great choice for high pressure applications. Fittings are manufactured with 316 Stainless Steel and offer excellent corrosion resistance and temperature resistance in a wide variety of environments. All JIC fittings are manufactured in a ISO 9001:2015 and IATF 16949:2016 certified factory.

CERTIFICATIONS - ISO 9001:2015 / IATF 16949:2015

STANDARDS - ASME B1.20.1 / SAE J514 / 4:1 Min Burst from Rated Pressure

MATERIALS - 316L Stainless Steel / Buna-N O-ring

PRODUCT CATEGORIES

Image	Product	# SKU
	JIC Tube Union	15
	JIC Male to NPT	19
	JIC Plug	6
	JIC Cap	4
	JIC Tube Nut	5
	JIC Tube Sleeve	5
	JIC to O-Ring Boss (ORB)	15
	O-Ring Boss (ORB) to JIC Swivel	5
	JIC to O-Ring Boss (ORB) Elbow	12

JIC SERIES

37° FLARE SEATING SURFACE



JIC Tube Union

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-2403-04-04	SS FITTING, 316 -04 MJIC X -04 MJIC UNION	316L	5000
FSS316-2403-05-05	SS FITTING, 316 -05 MJIC X -05 MJIC UNION	316L	5000
FSS316-2403-06-04	SS FITTING, 316 -06 MJIC X -04 MJIC UNION	316L	5000
FSS316-2403-06-06	SS FITTING, 316 -06 MJIC X -06 MJIC UNION	316L	5000
FSS316-2403-08-04	SS FITTING, 316 -08 MJIC X -04 MJIC UNION	316L	4500
FSS316-2403-08-06	SS FITTING, 316 -08 MJIC X -06 MJIC UNION	316L	4500
FSS316-2403-08-08	SS FITTING, 316 -08 MJIC X -08 MJIC UNION	316L	4500
FSS316-2403-10-08	SS FITTING, 316 -10 MJIC X -08 MJIC UNION	316L	3500
FSS316-2403-10-10	SS FITTING, 316 -10 MJIC X -10 MJIC UNION	316L	3500
FSS316-2403-12-04	SS FITTING, 316 -12 MJIC X -04 MJIC UNION	316L	3500
FSS316-2403-12-06	SS FITTING, 316 -12 MJIC X -06 MJIC UNION	316L	3500
FSS316-2403-12-08	SS FITTING, 316 -12 MJIC X -08 MJIC UNION	316L	3500
FSS316-2403-12-12	SS FITTING, 316 -12 MJIC X -12 MJIC UNION	316L	3500
FSS316-2403-16-12	SS FITTING, 316 -16 MJIC X -12 MJIC UNION	316L	3000
FSS316-2403-16-16	SS FITTING, 316 -16 MJIC X -16 MJIC UNION	316L	3000

JIC SERIES

37° FLARE SEATING SURFACE



JIC Male Connector

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-2404-04-02	SS FITTING, 316 -04 MJIC X 1/8 MALE NPT	316L	5000
FSS316-2404-04-04	SS FITTING, 316 -04 MJIC X 1/4 MALE NPT	316L	5000
FSS316-2404-04-06	SS FITTING, 316 -04 MJIC X 3/8 MALE NPT	316L	4000
FSS316-2404-04-08	SS FITTING, 316 -04 MJIC X 1/2 MALE NPT	316L	3000
FSS316-2404-06-04	SS FITTING, 316 -06 MJIC X 1/4 MALE NPT	316L	4000
FSS316-2404-06-06	SS FITTING, 316 -06 MJIC X 3/8 MALE NPT	316L	4000
FSS316-2404-06-08	SS FITTING, 316 -06 MJIC X 1/2 MALE NPT	316L	3000
FSS316-2404-08-04	SS FITTING, 316 -08 MJIC X 1/4 MALE NPT	316L	3000
FSS316-2404-08-06	SS FITTING, 316 -08 MJIC X 3/8 MALE NPT	316L	3000
FSS316-2404-08-08	SS FITTING, 316 -08 MJIC X 1/2 MALE NPT	316L	3000
FSS316-2404-08-12	SS FITTING, 316 -08 MJIC X 3/4 MALE NPT	316L	2500
FSS316-2404-08-16	SS FITTING, 316 -08 MJIC X 1 MALE NPT	316L	2000
FSS316-2404-10-08	SS FITTING, 316 -10 MJIC X 1/2 MALE NPT	316L	3000
FSS316-2404-12-08	SS FITTING, 316 -12 MJIC X 1/2 MALE NPT	316L	2500
FSS316-2404-12-12	SS FITTING, 316 -12 MJIC X 3/4 MALE NPT	316L	2500
FSS316-2404-12-16	SS FITTING, 316 -12 MJIC X 1 MALE NPT	316L	2000
FSS316-2404-16-08	SS FITTING, 316 -16 MJIC X 1/2 MALE NPT	316L	2000
FSS316-2404-16-12	SS FITTING, 316 -16 MJIC X 3/4 MALE NPT	316L	2000
FSS316-2404-16-16	SS FITTING, 316 -16 MJIC X 1 MALE NPT	316L	2000

JIC SERIES

37° FLARE SEATING SURFACE



JIC Plug

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-2408-04	SS FITTING, 316 -04 JIC PLUG	316L	5000
FSS316-2408-06	SS FITTING, 316 -06 JIC PLUG	316L	5000
FSS316-2408-08	SS FITTING, 316 -08 JIC PLUG58595b	316L	4500
FSS316-2408-10	SS FITTING, 316 -10 JIC PLUG	316L	3500
FSS316-2408-12	SS FITTING, 316 -12 JIC PLUG	316L	3500
FSS316-2408-16	SS FITTING, 316 -16 JIC PLUG	316L	3000



JIC Cap

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-304C-04	SS FITTING, 316 -04 JIC CAP 1/4"	316L	5000
FSS316-304C-06	SS FITTING, 316 -06 JIC CAP 3/8"	316L	5000
FSS316-304C-08	SS FITTING, 316 -08 JIC CAP 1/2"	316L	4000
FSS316-304C-16	SS FITTING, 316 -16 JIC CAP 1"	316L	2000



JIC Tube Nut

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-318-03	SS FITTING, 316 -03 JIC Tube Nut 3/16"	316L	5000
FSS316-318-04	SS FITTING, 316 -04 JIC Tube Nut 1/4"	316L	5000
FSS316-318-06	SS FITTING, 316 -06 JIC Tube Nut 3/8"	316L	5000
FSS316-318-08	SS FITTING, 316 -08 JIC Tube Nut 1/2"	316L	4000
FSS316-318-12	SS FITTING, 316 -12 JIC Tube Nut 3/4"	316L	3000

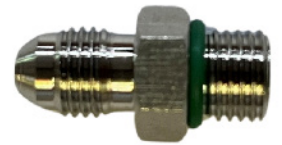
JIC SERIES

37° FLARE SEATING SURFACE



JIC Tube Sleeve

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-319-03	3/16" JIC Tube Sleeve	316L	5000
FSS316-319-04	1/4" JIC Tube Sleeve	316L	5000
FSS316-319-06	3/8" JIC Tube Sleeve	316L	5000
FSS316-319-08	1/2" JIC Tube Sleeve	316L	4000
FSS316-319-12	3/4" JIC Tube Sleeve	316L	3000



JIC to ORB

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6400-04-04	SS FITTING, 316 -04 MJIC X -04 MORB	316L	5000
FSS316-6400-04-06	SS FITTING, 316 -04 MJIC X -06 MORB	316L	5000
FSS316-6400-06-05	SS FITTING, 316 -06 MJIC X -05 MORB	316L	5000
FSS316-6400-06-06	SS FITTING, 316 -06 MJIC X -06 MORB	316L	5000
FSS316-6400-06-08	SS FITTING, 316 -06 MJIC X -08 MORB	316L	4500
FSS316-6400-06-10	SS FITTING, 316 -06 MJIC X -10 MORB	316L	3500
FSS316-6400-08-06	SS FITTING, 316 -08 MJIC X -06 MORB	316L	4500
FSS316-6400-08-08	SS FITTING, 316 -08 MJIC X -08 MORB	316L	4500
FSS316-6400-08-10	SS FITTING, 316 -08 MJIC X -10 MORB	316L	3500
FSS316-6400-08-12	SS FITTING, 316 -08 MJIC X -12 MORB	316L	3500
FSS316-6400-12-08	SS FITTING, 316 -12 MJIC X -08 MORB	316L	3500
FSS316-6400-12-12	SS FITTING, 316 -12 MJIC X -12 MORB	316L	3500
FSS316-6400-12-16	SS FITTING, 316 -12 MJIC X -16 MORB	316L	3000
FSS316-6400-16-12	SS FITTING, 316 -16 MJIC X -12 MORB	316L	3000
FSS316-6400-16-16	SS FITTING, 316 -16 MJIC X -16 MORB	316L	3000

JIC SERIES

37° FLARE SEATING SURFACE



O-Ring Boss (ORB) to JIC Swivel

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6402-04-04	SS FITTING, 316 -04 MORB X -04 FJIC SWVL	316L	4500
FSS316-6402-06-06	SS FITTING, 316 -06 MORB X -06 FJIC SWVL	316L	4000
FSS316-6402-08-08	SS FITTING, 316 -08 MORB X -08 FJIC SWVL	316L	4000
FSS316-6402-12-12	SS FITTING, 316 -12 MORB X -12 FJIC SWVL	316L	3000
FSS316-6402-16-16	SS FITTING, 316 -16 MORB X -16 FJIC SWVL	316L	2500



JIC to O-Ring Boss (ORB) Elbow

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-6801-04-04	SS FITTING, 316 -04 MJIC X -04 MAORB 90	316L	4500
FSS316-6801-04-06	SS FITTING, 316 -04 MJIC X -06 MAORB 90	316L	4000
FSS316-6801-06-04	SS FITTING, 316 -06 MJIC X -04 MAORB 90	316L	4000
FSS316-6801-06-06	SS FITTING, 316 -06 MJIC X -06 MAORB 90	316L	4000
FSS316-6801-06-08	SS FITTING, 316 -06 MJIC X -08 MAORB 90	316L	4000
FSS316-6801-08-06	SS FITTING, 316 -08 MJIC X -06 MAORB 90	316L	4000
FSS316-6801-08-08	SS FITTING, 316 -08 MJIC X -08 MAORB 90	316L	4000
FSS316-6801-08-10	SS FITTING, 316 -08 MJIC X -10 MAORB 90	316L	3000
FSS316-6801-08-12	SS FITTING, 316 -08 MJIC X -12 MAORB 90	316L	3000
FSS316-6801-08-16	SS FITTING, 316 -08 MJIC X -16 MAORB 90	316L	2500
FSS316-6801-12-12	SS FITTING, 316 -12 MJIC X -12 MAORB 90	316L	3000
FSS316-6801-16-16	SS FITTING, 316 -16 MJIC X -16 MAORB 90	316L	2500

NPT SERIES

NATIONAL PIPE TAPER

DESCRIPTION

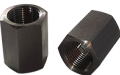
National Pipe Taper (NPT) utilized a taped thread on the male and female connectors for a tight mechanical seal connection. NPT fittings are a great choice for wide variety of applications and offer interchangeability with other brands of fittings. Fittings are manufactured with 304 or 316 Stainless Steel and offer excellent corrosion resistance in a wide variety of environments. All NPT fittings are manufactured in a ISO 9001:2015 and IATF 16949:2016 certified factory.

CERTIFICATIONS - ISO 9001:2015 / IATF 16949:2015

STANDARDS - ASME B1.20.1

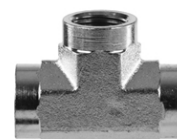
MATERIALS - 316L Stainless Steel / 304 Stainless Steel

PRODUCT CATEGORIES

Image	Product	# SKU
	Tee	12
	Branch Tee	12
	Cross	6
	Hex Female Coupler	16
	Hex Bushing 304SS	15
	Hex Bushing 316SS	15
	Hex Nipple 304SS	6
	Hex Nipple 316SS	17
	Reducing Hex Nipple 304SS	8
	Reducing Hex Nipple 316SS	22

NPT SERIES

NATIONAL PIPE TAPER



Female Tee - 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-5605-02-02-02	SS FITTING, SS-5605-02-02-02 - 1/8" Female Pipe Tee	316L	6500
FSS316-5605-04-04-04	SS FITTING, SS-5605-04-04-04 - 1/4" Female Pipe Tee	316L	6600
FSS316-5605-06-06-06	SS FITTING, SS-5605-06-06-06 - 3/8" Female Pipe Tee	316L	5300
FSS316-5605-08-08-08	SS FITTING, SS-5605-08-08-08 - 1/2" Female Pipe Tee	316L	4900
FSS316-5605-12-12-12	SS FITTING, SS-5605-12-12-12 - 3/4" Female Pipe Tee	316L	4600
FSS316-5605-16-16-16	SS FITTING, SS-5605-16-16-16 - 1" Female Pipe Tee	316L	4400



Male Tee - 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-5600-02-02-02	SS FITTING, SS-5600-02-02-02 - 1/8" Male Pipe Tee	316L	10000
FSS316-5600-04-04-04	SS FITTING, SS-5600-04-04-04 - 1/4" Male Pipe Tee	316L	8000
FSS316-5600-06-06-06	SS FITTING, SS-5600-06-06-06 - 3/8" Male Pipe Tee	316L	7800
FSS316-5600-08-08-08	SS FITTING, SS-5600-08-08-08 - 1/2" Male Pipe Tee	316L	7700
FSS316-5600-12-12-12	SS FITTING, SS-5600-12-12-12 - 3/4" Male Pipe Tee	316L	7300
FSS316-5600-16-16-16	SS FITTING, SS-5600-16-16-16 - 1" Male Pipe Tee	316L	5300

NPT SERIES

NATIONAL PIPE TAPER



Branch Tee - 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-5601-02-02-02	SS FITTING, SS-5601-02-02-02 - 1/8" Male Pipe x 1/8" Female Pipe	316L	6500
FSS316-5601-04-04-04	SS FITTING, SS-5601-04-04-04 - 1/4" Male Pipe x 1/4" Female Pipe	316L	6600
FSS316-5601-06-06-06	SS FITTING, SS-5601-06-06-06 - 3/8" Male Pipe x 3/8" Female Pipe	316L	5300
FSS316-5601-08-08-08	SS FITTING, SS-5601-08-08-08 - 1/2" Male Pipe x 1/2" Female Pipe	316L	4900
FSS316-5601-12-12-12	SS FITTING, SS-5601-12-12-12 - 3/4" Male Pipe x 3/4" Female Pipe	316L	4600
FSS316-5601-16-16-16	SS FITTING, SS-5601-16-16-16 - 1" Male Pipe x 1" Female Pipe	316L	4400

Branch Tee - 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-5604-02-02-02	SS FITTING, SS-5604-02-02-02 - 1/8" Female Pipe x 1/8" Male Pipe	316L	6500
FSS316-5604-04-04-04	SS FITTING, SS-5604-04-04-04 - 1/4" Female Pipe x 1/4" Male Pipe	316L	6600
FSS316-5604-06-06-06	SS FITTING, SS-5604-06-06-06 - 3/8" Female Pipe x 3/8" Male Pipe	316L	5300
FSS316-5604-08-08-08	SS FITTING, SS-5604-08-08-08 - 1/2" Female Pipe x 1/2" Male Pipe	316L	4900
FSS316-5604-12-12-12	SS FITTING, SS-5604-12-12-12 - 3/4" Female Pipe x 3/4" Male Pipe	316L	4600
FSS316-5604-16-16-16	SS FITTING, SS-5604-16-16-16 - 1" Female Pipe x 1" Male Pipe	316L	4400



Cross

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-5652-02-02-02-02	SS FITTING, SS-5652-02-02-02-02 - 1/8" Female Pipe Cross	316L	6500
FSS316-5652-04-04-04-04	SS FITTING, SS-5652-04-04-04-04 - 1/4" Female Pipe Cross	316L	6600
FSS316-5652-06-06-06-06	SS FITTING, SS-5652-06-06-06-06 - 3/8" Female Pipe Cross	316L	5300
FSS316-5652-08-08-08-08	SS FITTING, SS-5652-08-08-08-08 - 1/2" Female Pipe Cross	316L	4900
FSS316-5652-12-12-12-12	SS FITTING, SS-5652-12-12-12-12 - 3/4" Female Pipe Cross	316L	4600
FSS316-5652-16-16-16-16	SS FITTING, SS-5652-16-16-16-16 - 1" Female Pipe Cross	316L	4400

NPT SERIES

NATIONAL PIPE TAPER



Hex Female Coupler

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-5000-02-02	SS FITTING, SS-5000-02-02 - 1/8" Female Pipe x 1/8" Female Pipe	316L	6500
FSS316-5000-04-02	SS FITTING, SS-5000-04-02 - 1/4" Female Pipe x 1/8" Female Pipe	316L	6600
FSS316-5000-04-04	SS FITTING, SS-5000-04-04 - 1/4" Female Pipe x 1/4" Female Pipe	316L	6600
FSS316-5000-06-02	SS FITTING, SS-5000-06-02 - 3/8" Female Pipe x 1/8" Female Pipe	316L	5300
FSS316-5000-06-04	SS FITTING, SS-5000-06-04 - 3/8" Female Pipe x 1/4" Female Pipe	316L	5300
FSS316-5000-06-06	SS FITTING, SS-5000-06-06 - 3/8" Female Pipe x 3/8" Female Pipe	316L	5300
FSS316-5000-08-04	SS FITTING, SS-5000-08-04 - 1/2" Female Pipe x 1/4" Female Pipe	316L	4900
FSS316-5000-08-06	SS FITTING, SS-5000-08-06 - 1/2" Female Pipe x 3/8" Female Pipe	316L	4900
FSS316-5000-08-08	SS FITTING, SS-5000-08-08 - 1/2" Female Pipe x 1/2" Female Pipe	316L	4900
FSS316-5000-12-04	SS FITTING, SS-5000-12-04 - 3/4" Female Pipe x 1/4" Female Pipe	316L	4600
FSS316-5000-12-06	SS FITTING, SS-5000-12-06 - 3/4" Female Pipe x 3/8" Female Pipe	316L	4600
FSS316-5000-12-08	SS FITTING, SS-5000-12-08 - 3/4" Female Pipe x 1/2" Female Pipe	316L	4600
FSS316-5000-12-12	SS FITTING, SS-5000-12-12 - 3/4" Female Pipe x 3/4" Female Pipe	316L	4600
FSS316-5000-16-08	SS FITTING, SS-5000-16-08 - 1" Female Pipe x 1/2" Female Pipe	316L	4400
FSS316-5000-16-12	SS FITTING, SS-5000-16-12 - 1" Female Pipe x 3/4" Female Pipe	316L	4400
FSS316-5000-16-16	SS FITTING, SS-5000-16-16 - 1" Female Pipe x 1" Female Pipe	316L	4400

NPT SERIES

NATIONAL PIPE TAPER



Hex Bushing - 304

Item #	Item Name	Material	Pressure Rating (PSI)
FSS304-FS62500	SS FITTING, 1/4 X 1/8 M X F 304 STAINLESS STEEL HEX BUSHING	304	6500
FSS304-FS62501	SS FITTING, 3/8 X 1/8 M X F 304 STAINLESS STEEL HEX BUSHING	304	6500
FSS304-FS62502	SS FITTING, 3/8 X 1/4 M X F 304 STAINLESS STEEL HEX BUSHING	304	6600
FSS304-FS62503	SS FITTING, 1/2 X 1/8 M X F 304 STAINLESS STEEL HEX BUSHING	304	6500
FSS304-FS62504	SS FITTING, 1/2 X 1/4 M X F 304 STAINLESS STEEL HEX BUSHING	304	6600
FSS304-FS62505	SS FITTING, 1/2 X 3/8 M X F 304 STAINLESS STEEL HEX BUSHING	304	5300
FSS304-FS62506	SS FITTING, 3/4 X 1/8 M X F 304 STAINLESS STEEL HEX BUSHING	304	6500
FSS304-FS62507	SS FITTING, 3/4 X 1/4 M X F 304 STAINLESS STEEL HEX BUSHING	304	6600
FSS304-FS62509	SS FITTING, 3/4 X 1/2 M X F 304 STAINLESS STEEL HEX BUSHING	304	4900
FSS304-FS62508	SS FITTING, 3/4 X 3/8 M X F 304 STAINLESS STEEL HEX BUSHING	304	5300
FSS304-FS62557	SS FITTING, 1 X 1/8 M X F 304 STAINLESS STEEL HEX BUSHING	304	5300
FSS304-FS62510	SS FITTING, 1 X 1/4 M X F 304 STAINLESS STEEL HEX BUSHING	304	5300
FSS304-FS62511	SS FITTING, 1 X 3/8 M X F 304 STAINLESS STEEL HEX BUSHING	304	5300
FSS304-FS62512	SS FITTING, 1 X 1/2 M X F 304 STAINLESS STEEL HEX BUSHING	304	4900
FSS304-FS62513	SS FITTING, 1 X 3/4 M X F 304 STAINLESS STEEL HEX BUSHING	304	4600

NPT SERIES

NATIONAL PIPE TAPER



Hex Bushing - 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-5406-04-02	SS FITTING, SS-5406-04-02 - 1/4" Male Pipe x 1/8" Female Pipe	316L	6500
FSS316-5406-06-02	SS FITTING, SS-5406-06-02 - 3/8" Male Pipe x 1/8" Female Pipe	316L	6500
FSS316-5406-06-04	SS FITTING, SS-5406-06-04 - 3/8" Male Pipe x 1/4" Female Pipe	316L	6600
FSS316-5406-08-02	SS FITTING, SS-5406-08-02 - 1/2" Male Pipe x 1/8" Female Pipe	316L	6500
FSS316-5406-08-04	SS FITTING, SS-5406-08-04 - 1/2" Male Pipe x 1/4" Female Pipe	316L	6600
FSS316-5406-08-06	SS FITTING, SS-5406-08-06 - 1/2" Male Pipe x 3/8" Female Pipe	316L	5300
FSS316-5406-12-02	SS FITTING, SS-5406-12-02 - 3/4" Male Pipe x 1/8" Female Pipe	316L	6500
FSS316-5406-12-04	SS FITTING, SS-5406-12-04 - 3/4" Male Pipe x 1/4" Female Pipe	316L	6600
FSS316-5406-12-06	SS FITTING, SS-5406-12-06 - 3/4" Male Pipe x 3/8" Female Pipe	316L	4900
FSS316-5406-12-08	SS FITTING, SS-5406-12-08 - 3/4" Male Pipe x 1/2" Female Pipe	316L	5300
FSS316-5406-16-02	SS FITTING, SS-5406-16-02 - 1" Male Pipe x 1/8" Female Pipe	316L	5300
FSS316-5406-16-04	SS FITTING, SS-5406-16-04 - 1" Male Pipe x 1/4" Female Pipe	316L	5300
FSS316-5406-16-06	SS FITTING, SS-5406-16-06 - 1" Male Pipe x 3/8" Female Pipe	316L	5300
FSS316-5406-16-08	SS FITTING, SS-5406-16-08 - 1" Male Pipe x 1/2" Female Pipe	316L	4900
FSS316-5406-16-12	SS FITTING, SS-5406-16-12 - 1" Male Pipe x 3/4" Female Pipe	316L	4600

NPT SERIES

NATIONAL PIPE TAPER



Hex Nipple - 304

Item #	Item Name	Material	Pressure Rating (PSI)
FSS304-FS62720	SS FITTING, 1/8 304 STAINLESS STEEL HEX NIPPLE	304	10000
FSS304-FS62721	SS FITTING, 1/4 304 STAINLESS STEEL HEX NIPPLE	304	8000
FSS304-FS62722	SS FITTING, 3/8 304 STAINLESS STEEL HEX NIPPLE	304	7800
FSS304-FS62723	SS FITTING, 1/2 304 STAINLESS STEEL HEX NIPPLE	304	7700
FSS304-FS62724	SS FITTING, 3/4 304 STAINLESS STEEL HEX NIPPLE	304	7300
FSS304-FS62725	SS FITTING, 1 304 STAINLESS STEEL HEX NIPPLE	304	5300

Hex Nipple - 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-5404-02-02	SS FITTING, SS-5404-02-02 - 1/8" Male Pipe x 1/8" Male Pipe	316L	10000
FSS316-5404-04-02	SS FITTING, SS-5404-04-02 - 1/4" Male Pipe x 1/8" Male Pipe	316L	8000
FSS316-5404-04-04	SS FITTING, SS-5404-04-04 - 1/4" Male Pipe x 1/4" Male Pipe	316L	8000
FSS316-5404-06-02	SS FITTING, SS-5404-06-02 - 3/8" Male Pipe x 1/8" Male Pipe	316L	7800
FSS316-5404-06-04	SS FITTING, SS-5404-06-04 - 3/8" Male Pipe x 1/4" Male Pipe	316L	7800
FSS316-5404-06-06	SS FITTING, SS-5404-06-06 - 3/8" Male Pipe x 3/8" Male Pipe	316L	7800
FSS316-5404-08-02	SS FITTING, SS-5404-08-02 - 1/2" Male Pipe x 1/8" Male Pipe	316L	7700
FSS316-5404-08-04	SS FITTING, SS-5404-08-04 - 1/2" Male Pipe x 1/4" Male Pipe	316L	7700
FSS316-5404-08-06	SS FITTING, SS-5404-08-06 - 1/2" Male Pipe x 3/8" Male Pipe	316L	7700
FSS316-5404-08-08	SS FITTING, SS-5404-08-08 - 1/2" Male Pipe x 1/2" Male Pipe	316L	7700
FSS316-5404-12-04	SS FITTING, SS-5404-12-04 - 3/4" Male Pipe x 1/4" Male Pipe	316L	7300
FSS316-5404-12-06	SS FITTING, SS-5404-12-06 - 3/4" Male Pipe x 3/8" Male Pipe	316L	7300
FSS316-5404-12-08	SS FITTING, SS-5404-12-08 - 3/4" Male Pipe x 1/2" Male Pipe	316L	7300
FSS316-5404-12-12	SS FITTING, SS-5404-12-12 - 3/4" Male Pipe x 3/4" Male Pipe	316L	7300
FSS316-5404-16-08	SS FITTING, SS-5404-16-08 - 1" Male Pipe x 1/2" Male Pipe	316L	5300
FSS316-5404-16-12	SS FITTING, SS-5404-16-12 - 1" Male Pipe x 3/4" Male Pipe	316L	5300
FSS316-5404-16-16	SS FITTING, SS-5404-16-16 - 1" Male Pipe x 1" Male Pipe	316L	5300

NPT SERIES

NATIONAL PIPE TAPER



Reducing Hex Nipple - 304

Item #	Item Name	Material	Pressure Rating (PSI)
FSS304-FS62740	SS FITTING, 1/4 X 1/8 304 STAINLESS STEEL HEX NIPPLE	304	8000
FSS304-FS62741	SS FITTING, 3/8 X 1/8 304 STAINLESS STEEL HEX NIPPLE	304	7800
FSS304-FS62742	SS FITTING, 3/8 X 1/4 304 STAINLESS STEEL HEX NIPPLE	304	7800
FSS304-FS62744	SS FITTING, 1/2 X 1/4 304 STAINLESS STEEL HEX NIPPLE	304	7700
FSS304-FS62745	SS FITTING, 1/2 X 3/8 304 STAINLESS STEEL HEX NIPPLE	304	7700
FSS304-FS62747	SS FITTING, 3/4 X 1/4 304 STAINLESS STEEL HEX NIPPLE	304	7300
FSS304-FS62748	SS FITTING, 3/4 X 3/8 304 STAINLESS STEEL HEX NIPPLE	304	7300
FSS304-FS62749	SS FITTING, 3/4 X 1/2 304 STAINLESS STEEL HEX NIPPLE	304	7300

NPT SERIES

NATIONAL PIPE TAPER



Reducing Hex Nipple - 316

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-5405-02-02	SS FITTING, SS-5405-02-02 - 1/8" Male Pipe x 1/8" Female Pipe	316L	6500
FSS316-5405-02-04	SS FITTING, SS-5405-02-04 - 1/8" Male Pipe x 1/4" Female Pipe	316L	6600
FSS316-5405-02-06	SS FITTING, SS-5405-02-06 - 1/8" Male Pipe x 3/8" Female Pipe	316L	5300
FSS316-5405-02-08	SS FITTING, SS-5405-02-08 - 1/8" Male Pipe x 1/2" Female Pipe	316L	4900
FSS316-5405-04-04	SS FITTING, SS-5405-04-04 - 1/4" Male Pipe x 1/4" Female Pipe	316L	6600
FSS316-5405-04-06	SS FITTING, SS-5405-04-06 1/4" Male Pipe x 3/8" Female Pipe	316L	5300
FSS316-5405-04-08	SS FITTING, SS-5405-04-08 - 1/4" Male Pipe x 1/2" Female Pipe	316L	4900
FSS316-5405-04-12	SS FITTING, SS-5405-04-12 - 1/4" Male Pipe x 3/4" Female Pipe	316L	4600
FSS316-5405-06-04	SS FITTING, SS-5405-06-04 3/8" Male Pipe x 1/4" Female Pipe	316L	6600
FSS316-5405-06-06	SS FITTING, SS-5405-06-06 - 3/8" Male Pipe x 3/8" Female Pipe	316L	5300
FSS316-5405-06-08	SS FITTING, SS-5405-06-08 - 3/8" Male Pipe x 1/2" Female Pipe	316L	4900
FSS316-5405-06-12	SS FITTING, SS-5405-06-12 - 3/8" Male Pipe x 3/4" Female Pipe	316L	4600
FSS316-5405-08-02	SS FITTING, SS-5405-08-02 - 1/2" Male Pipe x 1/8" Female Pipe	316L	6500
FSS316-5405-08-04	SS FITTING, SS-5405-08-04 - 1/2" Male Pipe x 1/4" Female Pipe	316L	6600
FSS316-5405-08-06	SS FITTING, SS-5405-08-06 - 1/2" Male Pipe x 3/8" Female Pipe	316L	5300
FSS316-5405-08-08	SS FITTING, SS-5405-08-08 - 1/2" Male Pipe x 1/2" Female Pipe	316L	4900
FSS316-5405-08-12	SS FITTING, SS-5405-08-12 - 1/2" Male Pipe x 3/4" Female Pipe	316L	4600
FSS316-5405-08-16	SS FITTING, SS-5405-08-16 - 1/2" Male Pipe x 1" Female Pipe	316L	4400
FSS316-5405-12-08	SS FITTING, SS-5405-12-08 - 3/4" Male Pipe x 1/2" Female Pipe	316L	4900
FSS316-5405-12-12	SS FITTING, SS-5405-12-12 - 3/4" Male Pipe x 3/4" Female Pipe	316L	4600
FSS316-5405-12-16	SS FITTING, SS-5405-12-16 - 3/4" Male Pipe x 1" Female Pipe	316L	4400
FSS316-5405-16-16	SS FITTING, SS-5405-16-16 - 1" Male Pipe x 1" Female Pipe	316L	4400
FSS316-5405-16-20	SS FITTING, SS-5405-16-20 - 1" Male Pipe x 1-1/4" Female Pipe	316L	4400
FSS316-5405-16-24	SS FITTING, SS-5405-16-24 - 1" Male Pipe x 1 1/2" Female Pipe	316L	4400

SWIVEL SERIES

NPT = NATIONAL PIPE TAPER & NPSM = NATIONAL PIPE STRAIGHT MECHANICAL

DESCRIPTION

Swivels utilize National Pipe Taper (NPT) and National Pipe Straight Mechanical (NPSM) threaded connections for an easy-to-use connection between NPT and NPSM connections. These fittings are a great choice for wide variety of applications and offer interchangeability with other brands of fittings. Fittings are manufactured in 316 Stainless Steel and offer excellent corrosion resistance in a wide variety of environments. All swivel fittings are manufactured in a ISO 9001:2015 and IATF 16949:2016 certified factory.

CERTIFICATIONS - ISO 9001:2015 / IATF 16949:2015

STANDARDS - ASME B1.20.1

MATERIALS - 316L Stainless Steel

PRODUCT CATEGORIES

Image	Product	# SKU
	Male Pipe Swivel Adapter	7
	Female Pipe Swivel Adapter	5

SWIVEL SERIES

NPT & NPSM



Male Pipe Swivel Adapter

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-1404-04-04	316SS 1/4 MALE NPT X 1/4 FEMALE NPSM Swivel	316L	5000
FSS316-1404-04-06	316SS 1/4 MALE NPT X 3/8 FEMALE NPSM Swivel	316L	4000
FSS316-1404-06-06	316SS 3/8 MALE NPT X 3/8 FEMALE NPSM Swivel	316L	4000
FSS316-1404-06-08	316SS 3/8 MALE NPT X 1/2 FEMALE NPSM Swivel	316L	3000
FSS316-1404-08-08	316SS 1/2 MALE NPT X 1/2 FEMALE NPSM Swivel	316L	3000
FSS316-1404-12-12	316SS 3/4 MALE NPT X 3/4 FEMALE NPSM Swivel	316L	2250
FSS316-1404-16-16	316SS 1 MALE NPT X 1 FEMALE NPSM Swivel	316L	2000



Female Pipe Swivel Adapter

Item #	Item Name	Material	Pressure Rating (PSI)
FSS316-1405-04-04	316SS 1/4 FEMALE NPTX 1/4 FEMALE NPSM Swivel	316L	4000
FSS316-1405-06-06	316SS 3/8 FEMALE NPTX 3/8 FEMALE NPSM Swivel	316L	3000
FSS316-1405-08-08	316SS 1/2 FEMALE NPT X 1/2 FEMALE NPSM Swivel	316L	3000
FSS316-1405-12-12	316SS 3/4 FNPT X 3/4 FNPSM Swivel	316L	2500
FSS316-1405-16-16	316SS 1 FNPT X 1 FNPSM Swivel	316L	2000

HYDRAULIC HOSE ADAPTER SERIES

NPT = NATIONAL PIPE TAPER & JIC = 37° FLARE SEATING SURFACE

DESCRIPTION

Fittings utilize a crimped hose connection to either a male NPT threaded connection or a 37° JIC female connection. These fittings are a common choice in many applications and are a great choice for high pressure applications. Fittings are manufactured with 316 Stainless Steel and offer excellent corrosion resistance and temperature resistance in a wide variety of environments. All JIC fittings are manufactured in a ISO 9001:2015 and IATF 16949:2016 certified factory. These fittings do not have a prescribed pressure rating, as the pressure rating will be determined by the hose that is used with these fittings.

CERTIFICATIONS - ISO 9001:2015 / IATF 16949:2015

STANDARDS - ASME B1.20.1 / SAE J514

MATERIALS - 316L Stainless Steel

PRODUCT CATEGORIES

Image	Product	# SKU
	Hose to Male NPT Rigid	10
	Hose to Female JIC Swivel	10

HYDRAULIC HOSE ADAPTER SERIES

NPT = NATIONAL PIPE TAPER & JIC = 37° FLARE SEATING SURFACE



Hydraulic Hose to MNPT Rigid

Item #	Item Name	Material	Pressure Rating (PSI)*
FSS316-MP-04-02	HY SERIES 1/4 HOSE X 1/8 MNPT	316L	5000
FSS316-MP-04-04	HY SERIES 1/4 HOSE X 1/4 MNPT	316L	4000
FSS316-MP-06-04	HY SERIES 3/8 HOSE X 1/4 MNPT	316L	4000
FSS316-MP-06-06	HY SERIES 3/8 HOSE X 3/8 MNPT	316L	3000
FSS316-MP-08-06	HY SERIES 1/2 HOSE X 3/8 MNPT	316L	3000
FSS316-MP-08-08	HY SERIES 1/2 HOSE X 1/2 MNPT	316L	3000
FSS316-MP-10-08	HY SERIES 5/8 HOSE X 1/2 MNPT	316L	3000
FSS316-MP-12-08	HY SERIES 3/4 HOSE X 1/2 MNPT	316L	3000
FSS316-MP-12-12	HY SERIES 3/4 HOSE X 3/4 MNPT	316L	2500
FSS316-MP-16-16	HY SERIES 1 HOSE X 1 MNPT	316L	2000

*Fittings are rated at the lesser pressure of either the pressure rating from this chart or pressure rating of the hose being used



Hydraulic Hose to Female JIC Swivel

Item #	Item Name	Material	Pressure Rating (PSI)*
FSS316-FJX-04-04	HY SERIES 1/4 HOSE X -4 FJIC	316L	5000
FSS316-FJX-04-06	HY SERIES 1/4 HOSE X -6 FJIC	316L	5000
FSS316-FJX-06-04	HY SERIES 3/8 HOSE X -4 FJIC	316L	5000
FSS316-FJX-06-06	HY SERIES 3/8 HOSE X -6 FJIC	316L	5000
FSS316-FJX-06-08	HY SERIES 3/8 HOSE X -8 FJIC	316L	4500
FSS316-FJX-08-08	HY SERIES 1/2 HOSE X -8 FJIC	316L	4500
FSS316-FJX-08-10	HY SERIES 1/2 HOSE X -10 FJIC	316L	3500
FSS316-FJX-10-10	HY SERIES 5/8 HOSE X -10 FJIC	316L	3500
FSS316-FJX-12-12	HY SERIES 3/4 HOSE X -12 FJIC	316L	3500
FSS316-FJX-16-16	HY SERIES 1 HOSE X -16 FJIC	316L	3000

*Fittings are rated at the lesser pressure of either the pressure rating from this chart or pressure rating of the hose being used

CONTACT INFORMATION

Foster Manufacturing

2324 Battlefield Rd
Springfield, MO 65807

Customer Service:

(866) 918-3003
sales@zsi-foster.com

Foster-MFG.com

