



STAINLESS STEEL FITTINGS CATALOG

Hydraulic Threaded
Stainless Adapters

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ORB SERIES

O-RING BOSS

DESCRIPTION

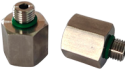
SAE O-Ring Boss (ORB) fittings use the SAE J514 straight thread with an O-ring at the adapter base for a tight seal connection. ORB fittings are a great choice for medium to high pressure applications. Fittings are manufactured with 316 Stainless Steel and offer excellent corrosion resistance in a wide 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

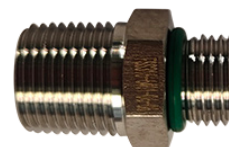
MATERIALS - 316L Stainless Steel / Buna-N O-ring

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

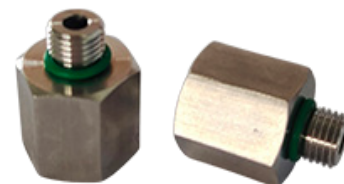


SAE O-Ring Boss ORB To Head Plug

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

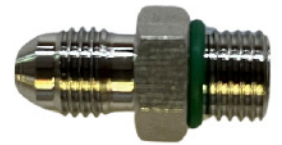
JIC SERIES

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 tapered 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 - 304

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

Female 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 - 304

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

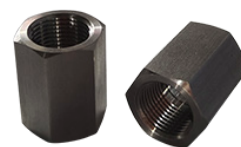


Cross

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

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