Pipe Fittings

- 1/16 to 1 in. sizes
- 316 stainless steel, brass, and carbon steel
- NPT, ISO/BSP, and SAE threads

Swagelok

Contents

Nipples Page 4

Adapters, Gaskets Page 6

Reducing Bushings, Reducers Page 9

Couplings Page 10

Elbows Page 11

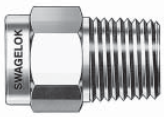
Tees Page 13

Crosses Page 14

Union Ball Joints Page 14

Pipe Caps Page 15

Pipe Plugs Page 15



Hollow Hex Plugs Page 15

Hex Head Plugs Page 15

Pipe Thread Sealants

Always use a pipe thread sealant when assembling tapered threads. SWAK® anaerobic pipe thread sealant, PTFE-FREE pipe thread sealant, and Swagelok® PTFE Tape are available.

See the Swagelok *Tools and Accessories* catalog, MS-01-169, for more information.

Ordering Information

Add a material designator to the basic ordering number.

Example: **SS**-2-CN

Material	Designator
316 stainless steel	SS
Brass	B
Carbon steel	S

- Heavy-wall fittings are available only in 316 stainless steel. The basic ordering numbers for these fittings include the material designator.
- SAE/MS fittings are not available in brass.
- Minimum order quantities may apply to certain materials and configurations.
- Contact your authorized Swagelok sales and service representative for information about additional sizes and special alloys.

Materials

Material Standards

Material	Bar Stock	Forgings
316 stainless steel	ASME SA479, ASTM A276	ASME SA182, ASTM A182
Brass	ASME B16, ASTM B453	ASTM B283
Carbon steel	ASTM A108	—

Plating and Coating

To resist corrosion, all carbon steel fittings are treated with an electrodeposited zinc plating.

Dimensions

- Dimensions are for reference only and are subject to change.
- E dimensions refer to the minimum opening.

Cleaning

Components are cleaned to remove oil, grease, and loose particles. For more information, see Swagelok *Standard Cleaning and Packaging (SC-10),* MS-06-62.

Pressure Ratings Basis

Ratings are based on ASME Code for Pressure Piping B31.3, Process Piping, at ambient temperature.

Material	Allowable Stress Value
316 stainless steel	20 000 psig (1378 bar)
Brass	10 000 psig (689 bar)
Carbon steel	20 000 psig (1378 bar)

- To determine pressure ratings in accordance with B31.1, Power Piping:
  - stainless steel material—multiply by 0.94
  - carbon steel material—multiply by 0.85.

  Brass material ratings remain the same.
- To determine MPa, multiply bar by 0.10.

Temperature Ratings

System temperatures may be limited by the thread sealant or, when applicable, the gasket or O-ring material.

Fitting Materials

Material	Maximum Temperature °F (°C)
316 stainless steel	1000 (537)
Brass	400 (204)
Carbon steel	375 (190)

Gasket, O-ring Materials

Component	Material	Maximum Temperature °F (°C)	Minimum Temperature °F (°C)
RS gaskets	Buna N	230 (110)	–13 (–25)
	Fluorocarbon FKM	400 (204)	5 (–15)
RG, RP gaskets	Copper	400 (204)	–325 (–198)
SAE O-rings	Fluorocarbon FKM	400 (204)	–20 (–28)

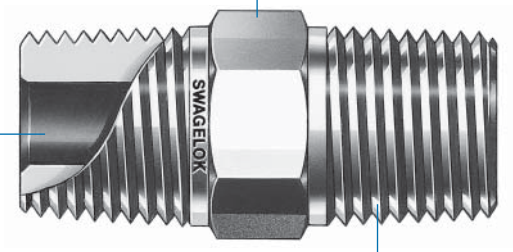
Thread Specifications

Thread Type	Specification
NPT	ASME B1.20.1, SAE AS71051
ISO/BSP (parallel) (based on DIN 3852) (Swagelok RP and RS fittings)	ISO 228, JIS B0202
ISO/BSP (tapered) (based on DIN 3852) (Swagelok RT fittings)	ISO 7/1, BS EN 10226-1, JIS B0203
ISO/BSP (gauge) (based on EN 837-1 and 837-3) (Swagelok RG fittings)	ISO 228, JIS B0202
Unified (SAE) (Swagelok ST fittings)	ASME B1.1

Features

- All fittings have a high-quality appearance.
- Every fitting is marked with manufacturer's name for easy source tracing.
- Male threads are capped for protection.

Straight fittings are manufactured from quality bar stock for strength.

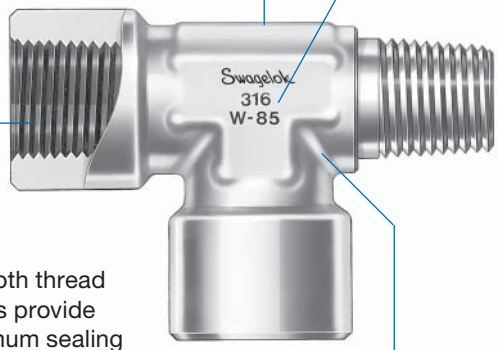


Burr-free internal surfaces.

NPT threads are based on requirements of ASME B1.20.1 and SAE AS71051.

Shaped fittings are manufactured from forgings.

Marking identifies material, heat code for material traceability, and ISO end connection.

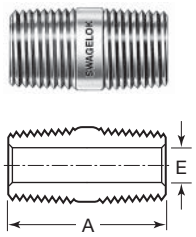


Smooth thread flanks provide optimum sealing and minimize galling.

Angles on elbows, tees, and crosses are rigidly controlled for accurate piping layout.

Swagelok

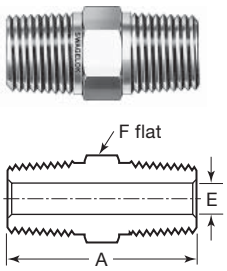
Close Nipples



Male NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)		Pressure Ratings, psig (bar)	
		A	E	316 SS, Steel	Brass
1/8	-2-CN	0.75 (19.1)	0.19 (4.8)	10 000 (689)	5000 (344)
1/4	-4-CN	1.12 (28.4)	0.28 (7.1)	8 000 (551)	4000 (275)
3/8	-6-CN	1.12 (28.4)	0.38 (9.6)	7 800 (537)	3900 (268)
1/2	-8-CN	1.50 (38.1)	0.47 (11.9)	7 700 (530)	3800 (261)
3/4	-12-CN	1.50 (38.1)	0.62 (15.7)	7 300 (502)	3600 (248)
1	-16-CN	1.88 (47.8)	0.88 (22.4)	5 300 (365)	2600 (179)

Hex Nipples



Male NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)			Pressure Ratings, psig (bar)	
		A	E	F	316 SS, Steel	Brass
1/16	-1-HN	1.01 (25.6)	0.12 (3.0)	5/16	11 000 (757)	5500 (378)
1/8	-2-HN	1.01 (25.6)	0.19 (4.8)	7/16	10 000 (689)	5000 (344)
1/4	-4-HN	1.40 (35.6)	0.28 (7.1)	9/16	8 000 (551)	4000 (275)
3/8	-6-HN	1.43 (36.3)	0.38 (9.6)	11/16	7 800 (537)	3900 (268)
1/2	-8-HN	1.84 (46.7)	0.47 (11.9)	7/8	7 700 (530)	3800 (261)
3/4	-12-HN	1.84 (46.7)	0.62 (15.7)	1 1/16	7 300 (502)	3600 (248)
1	-16-HN	2.32 (58.9)	0.88 (22.4)	1 3/8	5 300 (365)	2600 (179)
Heavy-Wall Male NPT						
1/4	SS-4-HN-10K	1.40 (35.6)	0.23 (5.8)	9/16	10 000 (689)	—
1/2	SS-8-HN-10K	1.84 (46.7)	0.39 (9.9)	7/8	10 000 (689)	

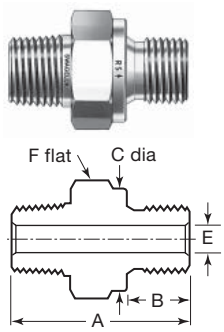
Male ISO Tapered Thread (RT)

ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
		A	E	F	316 SS, Steel	Brass
1/8	-2-HN-RT	1.01 (25.6)	0.19 (4.8)	7/16	10 000 (689)	5000 (344)
1/4	-4-HN-RT	1.40 (35.6)	0.28 (7.1)	9/16	8 000 (551)	4000 (275)
3/8	-6-HN-RT	1.43 (36.3)	0.38 (9.6)	11/16	7 800 (537)	3900 (268)
1/2	-8-HN-RT	1.84 (46.7)	0.47 (11.9)	7/8	7 700 (530)	3800 (261)

Male NPT to Male ISO Tapered Thread (RT)

NPT Size in.	ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
			A	E	F	316 SS, Steel	Brass
1/8	1/8	-2-HN-2RT	1.01 (25.6)	0.19 (4.8)	7/16	10 000 (689)	5000 (344)
1/4	1/4	-4-HN-4RT	1.40 (35.6)	0.28 (7.1)	9/16	8 000 (551)	4000 (275)
3/8	3/8	-6-HN-6RT	1.43 (36.3)	0.38 (9.6)	11/16	7 800 (537)	3900 (268)
1/2	1/2	-8-HN-8RT	1.84 (46.7)	0.47 (11.9)	7/8	7 700 (530)	3800 (261)
3/4	3/4	-12-HN-12RT	1.84 (46.7)	0.62 (15.7)	1 1/16	7 300 (502)	3600 (248)
1	1	-16-HN-16RT	2.32 (58.9)	0.88 (22.4)	1 3/8	5 300 (365)	2600 (179)

Hex Nipples



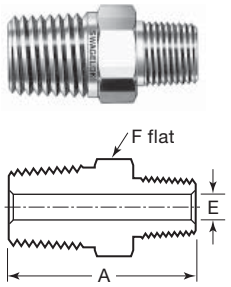
Male NPT to Male ISO Parallel Thread (RS)

NPT Size in.	ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)					Pressure Ratings① psig (bar)	
			A	B	C	E	F	316 SS, Steel	Brass
1/8	1/8	-2-HN-2RS	1.09 (27.7)	0.28 (7.1)	0.54 (13.7)	0.16 (4.1)	9/16	11 400 (785)	5700 (392)
1/4	1/4	-4-HN-4RS	1.45 (36.8)	0.44 (11.2)	0.71 (18.0)	0.23 (5.8)	3/4	10 300 (709)	5100 (351)
3/8	3/8	-6-HN-6RS	1.48 (37.6)	0.44 (11.2)	0.85 (21.6)	0.31 (7.9)	7/8	10 300 (709)	5100 (351)
1/2	1/2	-8-HN-8RS	1.75 (44.4)	0.56 (14.2)	1.02 (25.9)	0.47 (11.9)	1 1/16	7 600 (523)	3800 (261)
3/4	3/4	-12-HN-12RS	1.93 (49.0)	0.62 (15.7)	1.26 (32.0)	0.62 (15.7)	1 5/16	7 300 (502)	3600 (248)
1	1	-16-HN-16RS	2.23 (56.6)	0.72 (18.3)	1.53 (38.9)	0.78 (19.8)	1 5/8	7 400 (509)	3700 (254)

For gasket information, see page 7.

① Pressure ratings are for the NPT end connections. Pressure ratings for the male ISO end connections are dependent on the selected gasket. Contact your authorized Swagelok representative for more pressure-temperature ratings.

Hex Reducing Nipples



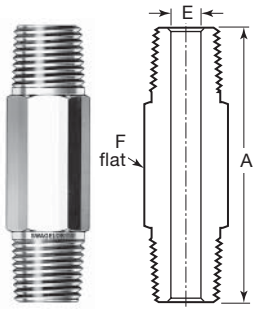
Male NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)			Pressure Ratings, psig (bar)	
		A	E	F	316 SS, Steel	Brass
1/8 to 1/16	-2-HRN-1	1.01 (25.6)	0.12 (3.0)	7/16	11 000 (757)	5500 (378)
1/4 to 1/8	-4-HRN-2	1.22 (31.0)	0.19 (4.8)	9/16	10 000 (689)	5000 (344)
3/8 to 1/8	-6-HRN-2	1.25 (31.8)	0.19 (4.8)	11/16	10 000 (689)	5000 (344)
3/8 to 1/4	-6-HRN-4	1.43 (36.3)	0.28 (7.1)	11/16	8 000 (551)	4000 (275)
1/2 to 1/8	-8-HRN-2	1.47 (37.3)	0.19 (4.8)	7/8	7 700 (530)	3800 (261)
1/2 to 1/4	-8-HRN-4	1.65 (41.9)	0.28 (7.1)	7/8	8 000 (551)	4000 (275)
1/2 to 3/8	-8-HRN-6	1.65 (41.9)	0.38 (9.6)	7/8	7 800 (537)	3900 (268)
3/4 to 1/4	-12-HRN-4	1.65 (41.9)	0.28 (7.1)	1 1/16	8 000 (551)	4000 (275)
3/4 to 1/2	-12-HRN-8	1.84 (46.7)	0.47 (11.9)	1 1/16	7 700 (530)	3800 (261)
1 to 1/4	-16-HRN-4	1.94 (49.3)	0.28 (7.1)	1 3/8	5 300 (365)	2600 (179)
1 to 1/2	-16-HRN-8	2.13 (54.1)	0.47 (11.9)	1 3/8	7 700 (530)	3800 (261)
1 to 3/4	-16-HRN-12	2.13 (54.1)	0.62 (15.7)	1 3/8	7 300 (502)	3600 (248)
Heavy-Wall Male NPT						
1/2 to 1/4	SS-8-HRN-4-10K	1.65 (41.9)	0.23 (5.8)	7/8	10 000 (689)	—

Male ISO Tapered Thread (RT)

ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
		A	E	F	316 SS, Steel	Brass
3/8 to 1/4	-6-HRNT-4RT	1.43 (36.3)	0.28 (7.1)	11/16	7800 (537)	3900 (268)
1/2 to 1/8	-8-HRNT-2RT	1.47 (37.3)	0.19 (4.8)	7/8	7700 (530)	3800 (261)
1/2 to 3/8	-8-HRNT-6RT	1.65 (41.9)	0.38 (9.6)	7/8	7800 (537)	3900 (268)

Hex Long Nipples



Male NPT

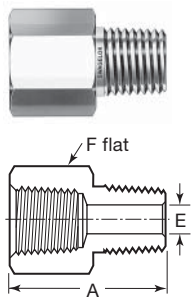
NPT Size in.	A (Available Lengths) in.						Basic Ordering Number	Dimensions in. (mm)		Pressure Ratings psig (bar)	
	1.50	2.00	2.50	3.00	4.00	6.00		E	F	316 SS, Steel	Brass
1/8	✓	✓	✓	✓	—	—	-2-HLN-	0.19 (4.8)	7/16	10 000 (689)	5000 (344)
1/4	✓	✓	✓	✓	✓	—	-4-HLN-	0.28 (7.1)	9/16	8 000 (551)	4000 (275)
3/8	✓	✓	✓	✓	✓	—	-6-HLN-	0.38 (9.6)	11/16	7 800 (537)	3900 (268)
1/2	—	✓	—	✓	✓	✓	-8-HLN-	0.47 (11.9)	7/8	7 700 (530)	3800 (261)
3/4	—	✓	—	✓	✓	—	-12-HLN-	0.62 (15.7)	1 1/16	7 300 (502)	3600 (248)
1	—	—	—	✓	✓	—	-16-HLN-	0.88 (22.4)	1 3/8	5 300 (365)	2600 (179)

To order, insert the material designator as a prefix and the available length as a suffix to the basic ordering number.

Example: **SS**-2-HLN-**1.50**

Adapters

Female to Male NPT

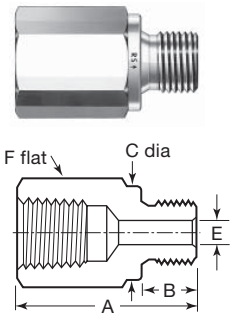


NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)			Pressure Ratings, psig (bar)	
		A	E	F	316 SS, Steel	Brass
1/8	-2-A	1.10 (27.9)	0.19 (4.8)	9/16	6 500 (447)	3200 (220)
1/4	-4-A	1.40 (35.6)	0.28 (7.1)	3/4	6 600 (454)	3300 (227)
3/8	-6-A	1.51 (38.4)	0.38 (9.6)	7/8	5 300 (365)	2600 (179)
1/2	-8-A	1.94 (49.3)	0.47 (11.9)	1 1/16	4 900 (337)	2400 (165)
3/4	-12-A	2.02 (51.3)	0.62 (15.7)	1 5/16	4 600 (316)	2300 (158)
1	-16-A	2.28 (57.9)	0.88 (22.4)	1 5/8	4 400 (303)	2200 (151)
Heavy-Wall Female to Male NPT						
1/4	SS-4-A-10K	1.43 (36.3)	0.23 (5.8)	1	10 000 (689)	—
1/2	SS-8-A-10K	2.02 (51.3)	0.39 (9.9)	1 1/2	10 000 (689)	—

Female to Male ISO Tapered Thread (RT)

ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
		A	E	F	316 SS, Steel	Brass
1/8	-2-A-RT	1.09 (27.7)	0.19 (4.8)	9/16	6500 (447)	3200 (220)
1/4	-4-A-RT	1.42 (36.1)	0.28 (7.1)	3/4	6600 (454)	3300 (227)
3/8	-6-A-RT	1.50 (38.1)	0.38 (9.6)	7/8	5300 (365)	2600 (179)
1/2	-8-A-RT	1.95 (49.5)	0.47 (11.9)	1 1/16	4900 (337)	2400 (165)

Female NPT to Male ISO Parallel Thread (RS)

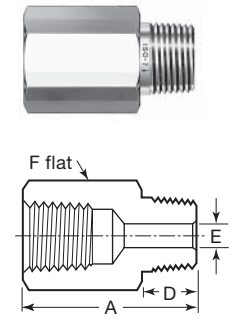


NPT Size in.	ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)					Pressure Ratings① psig (bar)	
			A	B	C	E	F	316 SS, Steel	Brass
1/8	1/8	-2-A-2RS	0.99 (25.1)	0.28 (7.1)	0.54 (13.7)	0.16 (4.1)	9/16	6500 (447)	3200 (220)
1/4	1/4	-4-A-4RS	1.32 (33.5)	0.44 (11.2)	0.71 (18.0)	0.23 (5.8)	3/4	6600 (454)	3300 (227)
3/8	3/8	-6-A-6RS	1.41 (35.8)	0.44 (11.2)	0.85 (21.6)	0.31 (7.9)	7/8	5300 (365)	2600 (179)
1/2	1/2	-8-A-8RS	1.74 (44.2)	0.56 (14.2)	1.02 (25.9)	0.47 (11.9)	1 1/16	4900 (337)	2400 (165)
3/4	3/4	-12-A-12RS	1.89 (48.0)	0.62 (15.7)	1.26 (32.0)	0.62 (15.7)	1 5/16	4600 (316)	2300 (158)
1	1	-16-A-16RS	2.10 (53.3)	0.72 (18.3)	1.53 (38.9)	0.78 (19.8)	1 5/8	4400 (303)	2200 (151)

For gasket information, see page 7.

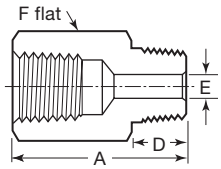
① Pressure ratings are for the NPT end connection. Pressure ratings for the male ISO end connections are dependent on the selected gasket. Contact your authorized Swagelok representative for more pressure-temperature ratings.

Female NPT to Male ISO Tapered Thread (RT)



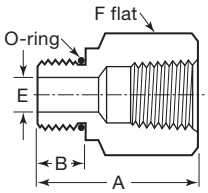
NPT Size in.	ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)				Pressure Ratings psig (bar)	
			A	D	E	F	316 SS, Steel	Brass
1/8	1/8	-2-A-2RT	1.09 (27.7)	0.38 (9.6)	0.19 (4.8)	9/16	6500 (447)	3200 (220)
1/4	1/4	-4-A-4RT	1.42 (36.1)	0.56 (14.2)	0.28 (7.1)	3/4	6600 (454)	3300 (227)
3/8	3/8	-6-A-6RT	1.50 (38.1)	0.56 (14.2)	0.38 (9.6)	7/8	5300 (365)	2600 (179)
1/2	1/2	-8-A-8RT	1.94 (49.3)	0.75 (19.1)	0.47 (11.9)	1 1/16	4900 (337)	2400 (165)
3/4	3/4	-12-A-12RT	2.02 (51.3)	0.75 (19.1)	0.62 (15.7)	1 5/16	4600 (316)	2300 (158)
1	1	-16-A-16RT	2.30 (58.4)	0.94 (23.9)	0.88 (22.4)	1 5/8	4400 (303)	2200 (151)

Adapters



Female ISO Tapered Thread to Male NPT

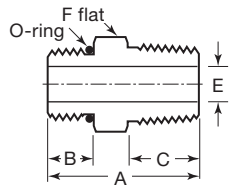
ISO Thread Size in.	NPT Size in.	Basic Ordering Number	Dimensions in. (mm)				Pressure Ratings psig (bar)	
			A	D	E	F	316 SS, Steel	Brass
1/4	1/4	-4-AT-4	1.43 (36.3)	0.56 (14.2)	0.28 (7.1)	3/4	6600 (454)	3300 (227)
3/8	3/8	-6-AT-6	1.51 (38.4)	0.56 (14.2)	0.38 (9.6)	7/8	5300 (365)	2600 (179)
1/2	1/2	-8-AT-8	1.96 (49.8)	0.75 (19.1)	0.47 (11.9)	1 1/16	4900 (337)	2400 (165)



Male SAE/MS Straight Thread to Female NPT

SAE/MS Thread Size in.	NPT Size in.	Basic Ordering Number	Dimensions in. (mm)				Uniform O-ring① Size	Pressure Ratings 316 SS, Steel psig (bar)
			A	B	E	F		
7/16-20	1/4	-4-SAE-7-4	1.32 (33.5)	0.36 (9.1)	0.20 (5.1)	3/4	-904	4500 (310)
9/16-18	3/8	-6-SAE-7-6	1.39 (35.3)	0.39 (9.9)	0.28 (7.1)	15/16	-906	4500 (310)
3/4-16	1/2	-8-SAE-7-8	1.76 (44.7)	0.44 (11.2)	0.42 (10.7)	1 1/16	-908	4500 (310)
1 1/16-12	3/4	-12-SAE-7-12	1.99 (50.5)	0.59 (15.0)	0.66 (16.7)	1 3/8	-912	3600 (248)
1 5/16-12	1	-16-SAE-7-16	2.12 (53.8)	0.59 (15.0)	0.88 (22.4)	1 5/8	-916	2900 (199)

① O-ring material is 90 durometer fluorocarbon FKM.

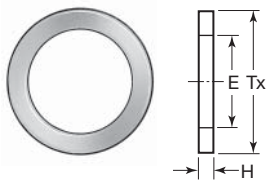


Male SAE/MS Straight Thread to Male NPT

SAE/MS Thread Size in.	NPT Size in.	Basic Ordering Number	Dimensions in. (mm)					Uniform O-ring① Size	Pressure Ratings 316 SS, Steel psig (bar)
			A	B	C	E	F		
7/16-20	1/4	-4-SAE-1-4	1.20 (30.5)	0.36 (9.1)	0.56 (14.2)	0.20 (5.1)	9/16	-904	4500 (310)
9/16-18	3/8	-6-SAE-1-6	1.26 (32.0)	0.36 (9.1)	0.56 (14.2)	0.28 (7.1)	11/16	-906	4500 (310)
3/4-16	1/2	-8-SAE-1-8	1.53 (38.9)	0.44 (11.2)	0.75 (19.1)	0.42 (10.7)	7/8	-908	4500 (310)
1 1/16-12	3/4	-12-SAE-1-12	1.75 (44.4)	0.59 (15.0)	0.75 (19.1)	0.62 (15.7)	1 1/4	-912	3600 (248)
1 5/16-12	1	-16-SAE-1-16	2.00 (50.8)	0.59 (15.0)	0.94 (23.9)	0.88 (22.4)	1 1/2	-916	2900 (199)

① O-ring material is 90 durometer fluorocarbon FKM.

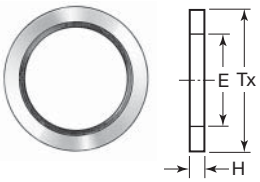
Adapter Gaskets



Pressure ratings for male ISO end connections are dependent on the selected gasket. Contact your authorized Swagelok representative for pressure-temperature ratings.

Copper Gasket for Male RS or RP Fittings

Ordering Number	Dimensions in. (mm)		
	E	H	Tx
CU-2-RP-2	0.39 (9.9)	0.04 (1.0)	0.59 (15.0)
CU-4-RP-2	0.53 (13.5)	0.06 (1.5)	0.74 (18.8)
CU-6-RP-2	0.67 (17.0)	0.06 (1.5)	0.90 (22.9)
CU-8-RP-2	0.84 (21.3)	0.06 (1.5)	1.06 (26.9)
CU-12-RP-2	1.05 (26.7)	0.08 (2.0)	1.30 (33.0)
CU-16-RP-2	1.32 (33.5)	0.08 (2.0)	1.57 (39.9)



Gasket consists of a fluorocarbon FKM or Buna inner ring bonded to a carbon steel outer ring. To order, add **V** for fluorocarbon FKM or **B** for Buna to the basic ordering number.

Example: S-8-RS-2**V**

Pressure ratings for male ISO end connections are dependent on the selected gasket. Contact your authorized Swagelok representative for pressure-temperature ratings.

Steel Gasket for Male RS Fittings

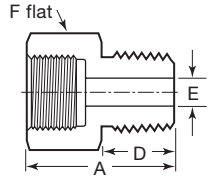
Basic Ordering Number	Dimensions in. (mm)		
	E	H	Tx
S-2-RS-2__	0.41 (10.4)	0.08 (2.0)	0.63 (16.0)
S-4-RS-2__①	0.54 (13.7)	0.08 (2.0)	0.81 (20.6)
S-6-RS-2__①	0.68 (17.3)	0.08 (2.0)	0.94 (23.9)
S-8-RS-2__①	0.85 (21.6)	0.10 (2.5)	1.13 (28.7)
S-12-RS-2__	1.06 (26.9)	0.10 (2.5)	1.38 (35.1)
S-16-RS-2__	1.33 (33.8)	0.10 (2.5)	1.69 (42.9)

For use with RS end connections only.

① Also available with fluorocarbon FKM inner ring bonded to stainless steel outer ring. To order, replace **S** with **SS** in the basic ordering number.

Example: **SS**-8-RS-2V

Gauge Adapters



Female ISO Parallel (Gauge) Thread to Male NPT

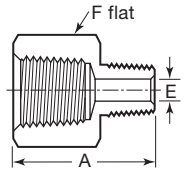
ISO Thread Size in.	NPT Size in.	Ordering Number	Dimensions in. (mm)				Pressure Ratings 316 SS psig (bar)
			A	D	E	F	
1/4	1/4	SS-4-AG-4	1.19 (30.2)	0.56 (14.2)	0.22 (5.6)	3/4	5700 (392)
3/8	3/8	SS-6-AG-6	1.27 (32.2)	0.56 (14.2)	0.26 (6.6)	15/16	5700 (392)
1/2	1/2	SS-8-AG-8	1.68 (42.7)	0.75 (19.1)	0.28 (7.1)	1 1/16	3900 (268)

Gauge Adapter Gaskets

Copper Gasket for AG Gauge Adapters

Ordering Number	Dimensions, in. (mm)		
	E	H	Tx
CU-4-RG-2	0.30 (7.6)	0.07 (1.8)	0.42 (10.7)
CU-6-RG-2	0.34 (8.6)	0.09 (2.3)	0.56 (14.2)
CU-8-RG -2	0.36 (9.1)	0.10 (2.5)	0.70 (17.8)

Reducing Adapters



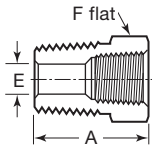
Female to Male NPT

Female NPT Size in.	Male NPT Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
			A	E	F	316 SS, Steel	Brass
1/8	1/16	-2-RA-1	1.09 (27.7)	0.12 (3.0)	9/16	6 500 (447)	3200 (220)
1/4	1/8	-4-RA-2	1.26 (32.0)	0.19 (4.8)	3/4	6 600 (454)	3300 (227)
3/8	1/8	-6-RA-2	1.33 (33.8)	0.19 (4.8)	7/8	5 300 (365)	2600 (179)
	1/4	-6-RA-4	1.50 (38.1)	0.28 (7.1)			
1/2	1/8	-8-RA-2	1.58 (40.1)	0.19 (4.8)	1 1/16	4 900 (337)	2400 (165)
	1/4	-8-RA-4	1.76 (44.7)	0.28 (7.1)			
	3/8	-8-RA-6	1.75 (44.4)	0.38 (9.6)			
3/4	1/4	-12-RA-4	1.85 (47.0)	0.28 (7.1)	1 5/16	4 600 (316)	2300 (158)
	3/8	-12-RA-6	1.82 (46.2)	0.38 (9.6)			
	1/2	-12-RA-8	2.02 (51.3)	0.47 (11.9)			
1	1/4	-16-RA-4	1.96 (49.8)	0.28 (7.1)	1 5/8	4 400 (303)	2200 (151)
	1/2	-16-RA-8	2.16 (54.9)	0.47 (11.9)			
	3/4	-16-RA-12	2.17 (55.1)	0.62 (15.7)			
Heavy-Wall Female to Male NPT							
1/2	1/4	SS-8-RA-4-10K	1.81 (46.0)	0.23 (5.8)	1 1/2	10 000 (689)	—

Female to Male ISO Tapered Thread (RT)

Female ISO Thread Size in.	Male ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
			A	E	F	316 SS, Steel	Brass
1/4	1/8	-4-RAT-2RT	1.26 (32.0)	0.19 (4.8)	3/4	6600 (454)	3300 (227)
3/8	1/4	-6-RAT-4RT	1.50 (38.1)	0.28 (7.1)	7/8	5300 (365)	2600 (179)
1/2	1/4	-8-RAT-4RT	1.76 (44.7)	0.28 (7.1)	1 1/16	4900 (337)	2400 (165)
	3/8	-8-RAT-6RT	1.75 (44.4)	0.38 (9.6)			

Reducing Bushings



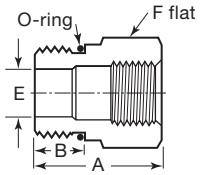
Male to Female NPT

Male NPT Size in.	Female NPT Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
			A	E	F	316 SS, Steel	Brass
1/8	1/16	-2-RB-1	1.03 (26.2)	0.19 (4.8)	7/16	6 700 (461)	3300 (227)
1/4	1/8	-4-RB-2	1.06 (26.9)	0.28 (7.1)	9/16	6 500 (447)	3300 (227)
3/8	1/8	-6-RB-2	0.86 (21.8)	0.34 (8.6)	11/16	9 200 (633)	4700 (323)
	1/4	-6-RB-4	1.19 (30.2)	0.38 (9.6)	3/4	6 600 (454)	3300 (227)
1/2	1/8	-8-RB-2	1.08 (27.4)	0.34 (8.6)	7/8	12 200 (840)	6200 (427)
	1/4	-8-RB-4		0.45 (11.4)		8 300 (571)	4400 (303)
	3/8	-8-RB-6	1.41 (35.8)	0.47 (11.9)		5 300 (365)	2600 (179)
3/4	1/4	-12-RB-4	1.08 (27.4)	0.45 (11.4)	1 1/16	12 000 (826)	6000 (413)
	3/8	-12-RB-6		0.59 (15.0)		8 200 (564)	4300 (296)
	1/2	-12-RB-8	1.63 (41.4)	0.62 (15.7)		4 900 (337)	2400 (165)
1	1/4	-16-RB-4	1.37 (34.8)	0.45 (11.4)	1 3/8	14 500 (999)	7400 (509)
	3/8	-16-RB-6		0.59 (15.0)		11 600 (799)	5900 (406)
	1/2	-16-RB-8		0.73 (18.5)		8 600 (592)	4300 (296)
	3/4	-16-RB-12	1.85 (47.0)	0.88 (22.4)		5 300 (365)	2600 (179)

Male to Female ISO Tapered Thread (RT)

Male ISO Thread Size in.	Female ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
			A	E	F	316 SS, Steel	Brass
1/4	1/8	-4-RBT-2RT	1.06 (26.9)	0.28 (7.1)	9/16	6500 (447)	3200 (220)
3/8	1/4	-6-RBT-4RT	1.19 (30.2)	0.38 (9.6)	3/4	6600 (454)	3300 (227)
1/2	1/4	-8-RBT-4RT	1.08 (27.4)	0.44 (11.2)	7/8	8300 (571)	4400 (303)
	3/8	-8-RBT-6RT	1.41 (35.8)	0.47 (11.9)		5300 (365)	2600 (179)

Reducers

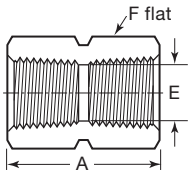


Male to Female SAE/MS Straight Thread (ST)

Male Thread Size in.	Female Thread Size in.	Basic Ordering Number	Dimensions in. (mm)				Uniform O-ring① Size	Pressure Ratings 316 SS, Steel psig (bar)
			A	B	E	F		
9/16-18	7/16-20	-6-RBST-4	1.12 (28.4)	0.39 (9.9)	0.28 (7.1)	13/16	-906	4500 (310)
3/4-16	7/16-20	-8-RBST-4	0.98 (24.9)	0.44 (11.2)	0.39 (9.9)	7/8	-908	4500 (310)
	9/16-18	-8-RBST-6	1.19 (30.2)	0.44 (11.2)	0.42 (10.7)	1	-908	4500 (310)
7/8-14	9/16-18	-10-RBST-6	1.10 (27.9)	0.50 (12.7)	0.50 (12.7)	1	-910	3600 (248)
	3/4-16	-10-RBST-8	1.42 (36.1)	0.50 (12.7)	0.50 (12.7)	1 3/16	-910	3600 (248)
1 1/16-12	3/4-16	-12-RBST-8	1.27 (32.3)	0.59 (15.0)	0.65 (16.5)	1 1/4	-912	3600 (248)
1 5/16-12	1 1/16-12	-16-RBST-12	1.61 (40.9)	0.59 (15.0)	0.87 (22.1)	1 5/8	-916	2900 (199)
1 5/8-12	1 5/16-12	-20-RBST-16	1.98 (50.3)	0.59 (15.0)	1.09 (27.7)	2 1/8	-920	2300 (158)
1 7/8-12	1 5/16-12	-24-RBST-16	1.27 (32.3)	0.59 (15.0)	1.23 (31.2)	2 1/8	-924	2300 (158)

① O-ring material is 90 durometer fluorocarbon FKM.

Hex Couplings



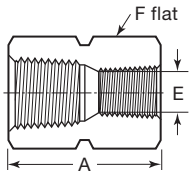
Female NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)			Pressure Ratings, psig (bar)	
		A	E	F	316 SS, Steel	Brass
1/8	-2-HCG	0.81 (20.6)	0.34 (8.6)	9/16	6 500 (447)	3200 (220)
1/4	-4-HCG	1.19 (30.2)	0.45 (11.4)	3/4	6 600 (454)	3300 (227)
3/8	-6-HCG	1.31 (33.3)	0.59 (15.0)	7/8	5 300 (365)	2600 (179)
1/2	-8-HCG	1.56 (39.6)	0.73 (18.5)	1 1/16	4 900 (337)	2400 (165)
3/4	-12-HCG	1.62 (41.1)	0.94 (23.9)	1 5/16	4 600 (316)	2300 (158)
1	-16-HCG	2.00 (50.8)	1.17 (29.7)	1 5/8	4 400 (303)	2200 (151)
Heavy-Wall Female NPT						
1/4	SS-4-HCG-10K	1.19 (30.2)	0.45 (11.4)	1	10 000 (689)	—
1/2	SS-8-HCG-10K	1.56 (39.6)	0.73 (18.5)	1 1/2	10 000 (689)	—

Female ISO Tapered Thread (RT)

ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
		A	E	F	316 SS, Steel	Brass
1/8	-2-HCG-RT	0.81 (20.6)	0.33 (8.4)	9/16	6500 (447)	3200 (220)
1/4	-4-HCG-RT	1.19 (30.2)	0.44 (11.2)	3/4	6600 (454)	3300 (227)
3/8	-6-HCG-RT	1.31 (33.3)	0.58 (14.7)	7/8	5300 (365)	2600 (179)
1/2	-8-HCG-RT	1.56 (39.6)	0.72 (18.3)	1 1/16	4900 (337)	2400 (165)

Hex Reducing Couplings



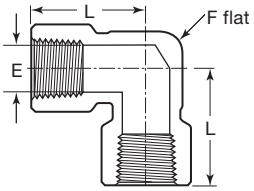
Female NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)			Pressure Ratings, psig (bar)	
		A	E	F	316 SS, Steel	Brass
1/4 to 1/8	-4-HRCG-2	1.22 (31.0)	0.34 (8.6)	3/4	6 600 (454)	3300 (227)
3/8 to 1/4	-6-HRCG-4	1.38 (35.1)	0.45 (11.4)	7/8	5 300 (365)	2600 (179)
1/2 to 1/8	-8-HRCG-2	1.56 (39.6)	0.34 (8.6)	1 1/16	4 900 (337)	2400 (165)
1/2 to 1/4	-8-HRCG-4	1.75 (44.4)	0.45 (11.4)	1 1/16	4 900 (337)	2400 (165)
1/2 to 3/8	-8-HRCG-6	1.78 (45.2)	0.59 (15.0)	1 1/16	4 900 (337)	2400 (165)
3/4 to 1/4	-12-HRCG-4	1.81 (46.0)	0.45 (11.4)	1 5/16	4 600 (316)	2300 (158)
3/4 to 1/2	-12-HRCG-8	2.06 (52.3)	0.73 (18.5)	1 5/16	4 600 (316)	2300 (158)
1 to 1/2	-16-HRCG-8	2.19 (55.6)	0.73 (18.5)	1 5/8	4 400 (303)	2200 (151)
1 to 3/4	-16-HRCG-12	2.25 (57.2)	0.94 (23.9)	1 5/8	4 400 (303)	2200 (151)
Heavy-Wall Female NPT						
1/2 to 1/4	SS-8-HRCG-4-10K	1.75 (44.4)	0.45 (11.4)	1 1/2	10 000 (689)	—

Female ISO Tapered Thread (RT)

ISO Thread Size in.	Basic Ordering Number	Dimensions, in. (mm)			Pressure Ratings, psig (bar)	
		A	E	F	316 SS, Steel	Brass
3/8 to 1/4	-6-HRCGT-4RT	1.38 (35.1)	0.44 (11.2)	7/8	5300 (365)	2600 (179)
1/2 to 1/4	-8-HRCGT-4RT	1.75 (44.4)	0.44 (11.2)	1 1/16	4900 (337)	2400 (165)
1/2 to 3/8	-8-HRCGT-6RT	1.78 (45.2)	0.58 (14.7)	1 1/16	4900 (337)	2400 (165)

Elbows



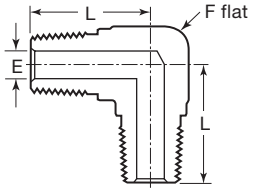
Female NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)			Pressure Ratings, psig (bar)	
		E	L	F	316 SS, Steel	Brass
1/8	-2-E	0.34 (8.6)	1.04 (26.4)	1/2	6 200 (427)	3100 (213)
1/4	-4-E	0.45 (11.4)	1.17 (29.7)	11/16	7 200 (496)	3600 (248)
3/8	-6-E	0.59 (15.0)	1.42 (36.1)	13/16	5 600 (385)	2800 (192)
1/2	-8-E	0.73 (18.5)	1.56 (39.6)	1	5 600 (385)	2800 (192)
3/4	-12-E	0.94 (23.9)	1.92 (48.8)	1 1/4	5 100 (351)	2500 (172)
1	-16-E	1.17 (29.7)	1.91 (48.5)	1 11/16	6 400 (440)	3200 (220)
Heavy-Wall Female NPT						
1/4	SS-4-E-10K	0.45 (11.4)	1.56 (39.6)	1	10 000 (689)	—
1/2	SS-8-E-10K	0.73 (18.5)	1.97 (50.0)	1 11/16	10 000 (689)	—

Female ISO Tapered Thread (RT)

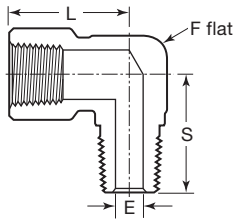
ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)			Pressure Ratings psig (bar)	
		E	L	F	316 SS, Steel	Brass
1/4	-4-E-RT	0.44 (11.2)	1.17 (29.7)	11/16	7200 (496)	3600 (248)
3/8	-6-E-RT	0.58 (14.7)	1.42 (36.1)	13/16	5600 (385)	2800 (192)
1/2	-8-E-RT	0.72 (18.3)	1.56 (39.6)	1	5600 (385)	2800 (192)

Male NPT



NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)			Pressure Ratings, psig (bar)	
		E	L	F	316 SS, Steel	Brass
1/8	-2-ME	0.19 (4.8)	0.88 (22.4)	7/16	10 000 (689)	5000 (344)
1/4	-4-ME	0.28 (7.1)	1.05 (26.7)	1/2	8 000 (551)	4000 (275)
3/8	-6-ME	0.38 (9.6)	1.17 (29.7)	11/16	7 800 (537)	3900 (268)
1/2	-8-ME	0.47 (11.9)	1.45 (36.8)	13/16	7 700 (530)	3800 (261)

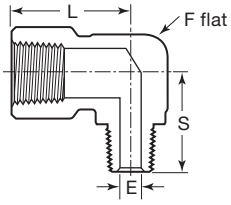
Street Elbows



Female to Male NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)				Pressure Ratings, psig (bar)	
		E	L	S	F	316 SS, Steel	Brass
1/16	-1-SE	0.12 (3.0)	0.86 (21.8)	0.88 (22.4)	7/16	9200 (633)	4600 (316)
1/8	-2-SE	0.19 (4.8)	1.04 (26.4)	0.87 (22.1)	1/2	6200 (427)	3100 (213)
1/4	-4-SE	0.28 (7.1)	1.17 (29.7)	1.17 (29.7)	11/16	7200 (496)	3600 (248)
3/8	-6-SE	0.38 (9.6)	1.42 (36.1)	1.26 (32.0)	13/16	5600 (385)	2800 (192)
1/2	-8-SE	0.47 (11.9)	1.56 (39.6)	1.56 (39.6)	1	5600 (385)	2800 (192)
3/4	-12-SE	0.62 (15.7)	1.92 (48.8)	1.67 (42.4)	1 1/4	5100 (351)	2500 (172)
1	-16-SE	0.88 (22.4)	1.91 (48.5)	1.94 (49.3)	1 11/16	5300 (365)	2600 (179)

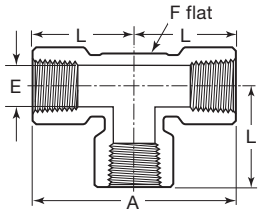
Reducing Street Elbows



Female to Male NPT

Female NPT Size in.	Male NPT Size in.	Basic Ordering Number	Dimensions in. (mm)				Pressure Ratings psig (bar)	
			E	L	S	F	316 SS, Steel	Brass
1/8	1/16	-2-RSE-1	0.12 (3.0)	1.04 (26.4)	0.87 (22.1)	1/2	6200 (427)	3100 (213)
1/4	1/8	-4-RSE-2	0.19 (4.8)	1.17 (29.7)	1.00 (25.4)	11/16	7200 (496)	3600 (248)
3/8	1/4	-6-RSE-4	0.28 (7.1)	1.42 (36.1)	1.26 (32.0)	13/16	5600 (385)	2800 (192)
1/2	1/4	-8-RSE-4	0.28 (7.1)	1.56 (39.6)	1.38 (35.1)	1	5600 (385)	2800 (192)
	3/8	-8-RSE-6	0.38 (9.6)	1.56 (39.6)	1.38 (35.1)		5600 (385)	2800 (192)

Tees



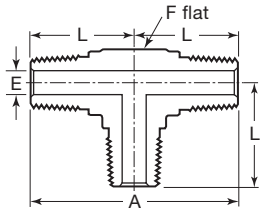
Female NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)				Pressure Ratings, psig (bar)	
		A	E	L	F	316 SS, Steel	Brass
1/8	-2-T	2.08 (52.8)	0.34 (8.6)	1.04 (26.4)	1/2	6 200 (427)	3100 (213)
1/4	-4-T	2.34 (59.4)	0.45 (11.4)	1.17 (29.7)	11/16	7 200 (496)	3600 (248)
3/8	-6-T	2.84 (72.1)	0.59 (15.0)	1.42 (36.1)	13/16	5 600 (385)	2800 (192)
1/2	-8-T	3.12 (79.2)	0.73 (18.5)	1.56 (39.6)	1	5 600 (385)	2800 (192)
3/4	-12-T	3.84 (97.5)	0.94 (23.9)	1.92 (48.8)	1 1/4	5 100 (351)	2500 (172)
1	-16-T	3.82 (97.0)	1.17 (29.7)	1.91 (48.5)	1 11/16	6 400 (440)	3200 (220)
Heavy-Wall Female NPT							
1/4	SS-4-T-10K	3.12 (79.2)	0.45 (11.4)	1.56 (39.6)	1	10 000 (689)	—
1/2	SS-8-T-10K	3.94 (100)	0.73 (18.5)	1.97 (50.0)	1 11/16	10 000 (689)	—

Female ISO Tapered Thread (RT)

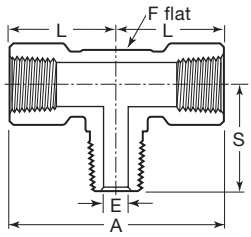
ISO Thread Size in.	Basic Ordering Number	Dimensions in. (mm)				Pressure Ratings psig (bar)	
		A	E	L	F	316 SS, Steel	Brass
1/4	-4-T-RT	2.34 (59.4)	0.44 (11.2)	1.17 (29.7)	11/16	7200 (496)	3600 (248)
3/8	-6-T-RT	2.84 (72.1)	0.58 (14.7)	1.42 (36.1)	13/16	5600 (385)	2800 (192)
1/2	-8-T-RT	3.12 (79.2)	0.72 (18.3)	1.56 (39.6)	1	5600 (385)	2800 (192)

Male NPT



NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)				Pressure Ratings, psig (bar)	
		A	E	L	F	316 SS, Steel	Brass
1/8	-2-MT	1.76 (44.7)	0.19 (4.8)	0.88 (22.4)	7/16	10 000 (689)	5000 (344)
1/4	-4-MT	2.10 (53.3)	0.28 (7.1)	1.05 (26.7)	1/2	8 000 (551)	4000 (275)
3/8	-6-MT	2.34 (59.4)	0.38 (9.6)	1.17 (29.7)	11/16	7 800 (537)	3900 (268)
1/2	-8-MT	2.90 (73.7)	0.47 (11.9)	1.45 (36.8)	13/16	7 700 (530)	3800 (261)

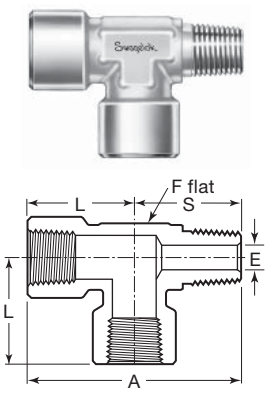
Branch Tees



Male and Female NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)					Pressure Ratings, psig (bar)	
		A	E	L	S	F	316 SS, Steel	Brass
1/8	-2-BT	2.08 (52.8)	0.19 (4.8)	1.04 (26.4)	0.87 (22.1)	1/2	6 200 (427)	3100 (213)
1/4	-4-BT	2.34 (59.4)	0.28 (7.1)	1.17 (29.7)	1.17 (29.7)	11/16	7 200 (496)	3600 (248)
3/8	-6-BT	2.84 (72.1)	0.38 (9.6)	1.42 (36.1)	1.26 (32.0)	13/16	5 600 (385)	2800 (192)
1/2	-8-BT	3.12 (79.2)	0.47 (11.9)	1.56 (39.6)	1.56 (39.6)	1	5 600 (385)	2800 (192)

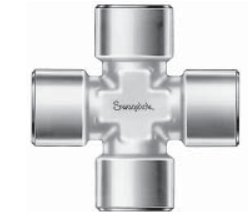
Street Tees

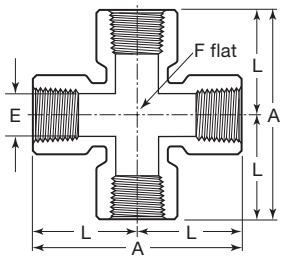


Male and Female NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)					Pressure Ratings, psig (bar)	
		A	E	L	S	F	316 SS, Steel	Brass
1/8	-2-ST	1.91 (48.5)	0.19 (4.8)	1.04 (26.4)	0.87 (22.1)	1/2	6200 (427)	3100 (213)
1/4	-4-ST	2.34 (59.4)	0.28 (7.1)	1.17 (29.7)	1.17 (29.7)	11/16	7200 (496)	3600 (248)
3/8	-6-ST	2.68 (68.1)	0.38 (9.6)	1.42 (36.1)	1.26 (32.0)	13/16	5600 (385)	2800 (192)
1/2	-8-ST	3.12 (79.2)	0.47 (11.9)	1.56 (39.6)	1.56 (39.6)	1	5600 (385)	2800 (192)
3/4	-12-ST	3.59 (91.2)	0.62 (15.7)	1.92 (48.8)	1.67 (42.4)	1 1/4	5100 (351)	2500 (172)

Crosses

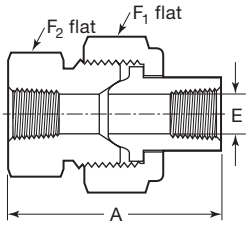




Female NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)				Pressure Ratings, psig (bar)	
		A	E	L	F	316 SS, Steel	Brass
1/8	-2-CS	2.08 (52.8)	0.34 (8.6)	1.04 (26.4)	1/2	6200 (427)	3100 (213)
1/4	-4-CS	2.34 (59.4)	0.45 (11.4)	1.17 (29.7)	11/16	7200 (496)	3600 (248)
3/8	-6-CS	2.84 (72.1)	0.59 (15.0)	1.42 (36.1)	13/16	5600 (385)	2800 (192)
1/2	-8-CS	3.12 (79.2)	0.73 (18.5)	1.56 (39.6)	1	5600 (385)	2800 (192)
3/4	-12-CS	3.84 (97.5)	0.94 (23.9)	1.92 (48.8)	1 1/4	5100 (351)	2500 (172)
1	-16-CS	3.82 (97.0)	1.17 (29.7)	1.91 (48.5)	1 11/16	6400 (440)	3200 (220)

Union Ball Joints

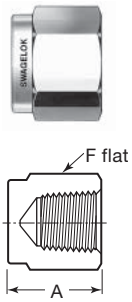


Female NPT

NPT Size in.	Basic Ordering Number	Dimensions in. (mm)				Pressure Ratings 316 SS, Steel psig (bar)
		A	E	F_1	F_2	
1/8	SS-2-UBJ	1.81 (46.0)	0.27 (6.8)	1 1/8	15/16	8400 (578)
1/4	SS-4-UBJ	2.34 (59.4)	0.36 (9.1)	1 3/8	1 3/16	6600 (454)
3/8	SS-6-UBJ	2.50 (63.5)	0.52 (13.2)	1 1/2	1 5/16	5300 (365)
1/2	SS-8-UBJ	2.69 (68.3)	0.62 (15.7)	1 3/4	1 5/8	6000 (413)
3/4	SS-12-UBJ	3.12 (79.2)	0.88 (22.4)	2 1/8	1 7/8	4600 (316)
1	SS-16-UBJ	3.56 (90.4)	1.03 (26.2)	2 1/2	2 3/8	6800 (468)

Union ball joint nuts are silver plated. A lubricant is utilized for assembly.

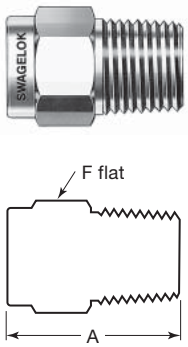
Pipe Caps



Female NPT

NPT Size in.	Basic Ordering Number	Dimensions in. (mm)	
		A	F
1/8	-2-CP	0.75 (19.1)	9/16
1/4	-4-CP	0.91 (23.1)	3/4
3/8	-6-CP	1.03 (26.2)	7/8
1/2	-8-CP	1.34 (34.0)	1 1/16
3/4	-12-CP	1.44 (36.6)	1 5/16
1	-16-CP	1.62 (41.1)	1 5/8
Heavy-Wall Female NPT			
1/4	SS-4-CP-10K	1.11 (28.2)	1
1/2	SS-8-CP-10K	1.58 (40.1)	1 1/2

Pipe Plugs

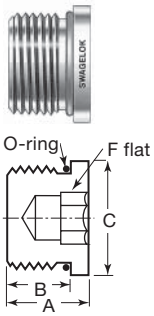


Male NPT

NPT Size in.	Basic Ordering Number	Dimensions in. (mm)	
		A	F
1/16	-1-P	0.75 (19.1)	5/16
1/8	-2-P	0.75 (19.1)	7/16
1/4	-4-P	0.96 (24.4)	9/16
3/8	-6-P	0.99 (25.1)	11/16
1/2	-8-P	1.21 (30.7)	7/8
3/4	-12-P	1.21 (30.7)	1 1/16
1	-16-P	1.50 (38.1)	1 3/8

For pipe plugs with male ISO/BSP parallel threads (RS), contact your authorized Swagelok representative.

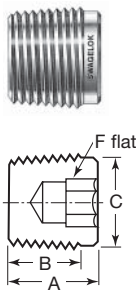
Hollow Hex Plugs



Male SAE/MS Straight Thread (ST)

SAE/MS Thread Size in.	Basic Ordering Number	Dimensions in. (mm)				Uniform O-ring① Size
		A	B	C	F	
7/16-20	-4-HPST	0.45 (11.4)	0.36 (9.1)	0.56 (14.2)	3/16	-904
9/16-18	-6-HPST	0.48 (12.2)	0.39 (9.9)	0.69 (17.5)	1/4	-906
3/4-16	-8-HPST	0.56 (14.2)	0.44 (11.2)	0.88 (22.4)	5/16	-908
1 1/16-12	-12-HPST	0.75 (19.1)	0.59 (15.0)	1.25 (31.8)	9/16	-912
1 5/16-12	-16-HPST	0.75 (19.1)	0.59 (15.0)	1.50 (38.1)	5/8	-916

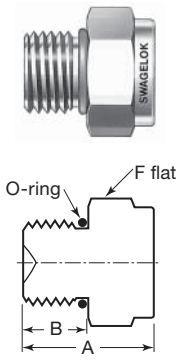
① O-ring material is 90 durometer fluorocarbon FKM.



Male NPT

NPT Size in.	Basic Ordering Number	Dimensions, in. (mm)			
		A	B	C	F
1/8	SS-2-HP	0.41 (10.4)	0.29 (7.4)	0.37 (9.4)	3/16
1/4	SS-4-HP	0.61 (15.5)	0.49 (12.4)	0.48 (12.1)	1/4
3/8	SS-6-HP	0.59 (15.0)	0.47 (11.9)	0.62 (15.7)	5/16
1/2	SS-8-HP	0.76 (19.3)	0.64 (16.2)	0.76 (19.3)	3/8

Hex Head Plugs



Male SAE/MS Straight Thread (ST)

SAE/MS Thread Size in.	Basic Ordering Number	Dimensions in. (mm)			Uniform O-ring① Size
		A	B	F	
7/16-20	-4-PST	0.76 (19.3)	0.36 (9.1)	9/16	-904
9/16-18	-6-PST	0.82 (20.8)	0.39 (9.9)	11/16	-906
3/4-16	-8-PST	0.89 (22.6)	0.44 (11.2)	7/8	-908
1 1/16-12	-12-PST	1.12 (28.4)	0.59 (15.0)	1 1/4	-912
1 5/16-12	-16-PST	1.18 (30.0)	0.59 (15.0)	1 1/2	-916

① O-ring material is 90 durometer fluorocarbon FKM.

Safe Product Selection
When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.

Warranty Information

Swagelok products are backed by The Swagelok Limited Lifetime Warranty. For a copy, visit swagelok.com or contact your authorized Swagelok representative.

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