

# WESTERN STAINLESS



## STAINLESS STEEL INDUSTRIAL FITTINGS

*Western Enterprises has produced high quality fittings for over 60 years*

[WESTERN-STAINLESS.COM](http://WESTERN-STAINLESS.COM)



# Stainless Steel CGA Fittings - Nuts & Nipples

*High pressure fittings made to CGA standards*

Western offers CGA nut and nipple options in the following gas services:

- CGA 240 - Ammonia
- CGA 320 - Carbon Dioxide
- CGA 330 - Corrosive Gases
- CGA 350 - Hydrogen/ Natural Gas
- CGA 510 - Acetylene
- CGA 590 - Industrial Air
- CGA 670 - Mixtures
- CGA 705 - Ammonia



CGA	Gas Service	Inlet Nut	Inlet Nipple	Pressure Rating
CGA 240	Ammonia	Per CGA only a nipple is required	SS-24-3 to 1/4" NPT M	500 PSI
CGA 320	Carbon Dioxide	SS-CO-2 .830"-14 NGO RH F	SS-CO-3 to 1/4" NPT M, 2" long with washer	3000 PSI
CGA 330	Corrosive Gases	SS-334 .830"-14 NGO LH F	SS-333 to 1/4" NPT M, 2" long with washer	3000 PSI
CGA 350	Hydrogen or Natural Gas	SS-82 .830"-14 NGO LH F	SS-83 to 1/4" NPT M, 2 1/2" long  SS-83M1 Recessed for 1/4" OD Tube	3000 PSI
CGA 510	Acetylene POL	SS-15-2 .880"-14 NGO LH M	SS-15-3 to 1/4" NPT M, 3" long  SS-15-3CV to 1/4" NPT M, 3" with Check Valve  SS-15-8M1 Recessed for 1/4" OD Tube	500 PSI
CGA 590	Industrial Air	SS-93 .960"-14 NGO LH M	SS-15-3 to 1/4" NPT M, 3" long  SS-15-3CV to 1/4" NPT M, 3" with Check Valve  SS-15-8M1 Recessed for 1/4" OD Tube	3000 PSI
CGA 670	Mixtures	SS-704 1.035"-14 NGO LH F	SS-703A to 1/4" NPT M, 2 1/2" long with washer	500 PSI
CGA 705	Ammonia	SS-705 1.125"-14 UNS-2A RH F	SS-705-3 to 1/4" NPT M, 2 1/2" long with washer	3000 PSI

 WARNING: Cancer and Reproductive Harm - P65Warnings.ca.gov

# Stainless CGA Fittings - Nuts, Nipples, Adaptors

For the following gas services we offer nuts, nipples, valve outlets and tees:

- CGA 346 - Air
- CGA 347 - Air/ High Pressure
- CGA 540 - Oxygen
- CGA 580 - Argon, Helium & Nitrogen
- CGA 660 - Refrigerant Gases
- CGA 677 - Inert Gas



CGA	Gas Service	Inlet Nut	Inlet Nipple	Valve Outlets, Adaptors Tees	Pressure Rating
CGA 346	Air	SS-14-2 .830"-14 NGO RH F	SS-14-3 to 1/4" NPT M, 2 1/2" long	SS-1341-1 RH M to 1/4" NPT F  B-1340SS RH M to 1/4" NPT M  T-346SS Tee - Female	3000 PSI
CGA 347	Air - High Pressure	SS-347-2 .830"-14 NGO RH F  SS-6347-2 .830"-14 NGO RH F Hand tight connection	SS-347-3 to 1/4" NPT M, 3" long  SS-6347-3 to 1/4" NPT M, 3" long with washer - for use with hand tight nut	SS-347-1 RH M to 1/4" NPT F  T-347SS Tee - Female	3001-5500 PSI
CGA 540	Oxygen	SS-62 .908"-14 NGO RH F	SS-63 to 1/4" NPT M, 2 1/2" long	SS-415-1 RH M to 1/4" NPT F	3000 PSI
CGA 580	Argon, Helium & Nitrogen	SS-92 .960"-14 NGO RH M	SS-15-3 to 1/4" NPT M, 3" long  SS-15-3CV to 1/4" NPT M, 3" with Check Valve  SS-15-8M1 Recessed for 1/4" OD Tube	SS-416-1 RH F to 1/4" NPT F  B-70SS RH F to 1/4" NPT M	3000 PSI
CGA 660	Refrigerant Gases	SS-604 1.035"-14 NGO RH F	SS-603A to 1/4" NPT M, 2 1/4" long with washer	B-660-SS RH M to 1/4" NPT M	3000 PSI
CGA 677	Inert Gases	SS-60-2 1.035"-14 NGO LH F	SS-60-3 to 1/4" NPT M, 2 1/2" long  SS-60-4 to 3/8" NPT M, 3"  SS-60M1 Recessed for 1/4" OD Tube	SS-677-1 LH M to 1/4" NPT F  B-677-SS LH M to 1/4" NPT M	7500 PSI

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# Stainless Steel Hose Fittings

*Low pressure fitting for CGA 022 - Oxygen  
Fittings are rated to 200 PSI*



B sized Hose, Nut & Nipple

- SS-7: Nut, 9/16" -18 RH
- SS-17: Nipple to 1/4" ID hose barb

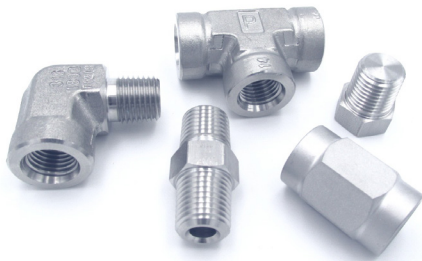
Body adaptors – from B sized thread to pipe thread

- SS-142: 3/8" NPT M to B size RHM
- SS-32: 1/4" NPT M to B size RHM

# Stainless Steel Pipe Fittings

*All fittings are rated to 6000 PSI*

Fittings that are 1/4" NPT on all sides and come in a variety of configurations allowing you to adapt your set up as needed as 1/4" NPT is widely being used.



- B-4SS :Male to Male adaptor
- BF-4SS: Female to Female coupler
- BL-4SS: Street Elbow – Male to Female
- BFT-4SS: 3 way female tee
- MB-6SS: Manifold Block – 6 Female Ports
- P-4SS: Hex Plug

# Stainless Steel Check Valve Options

Inline Check Valves that are heavy duty and for high pressure situations. Rated to 6000 PSI and featuring low open/close pressure with either PTFE or Viton o-rings.

- 1/4" Male NPT to 1/4" Male NPT: CV-4MSS
- 1/4" Male NPT to 1/4" Female NPT  
CVM-4FSS (EPDM o-ring)  
CVM-4FSSV (Viton o-ring)
- 1/4" Female NPT to 1/4" Male NPT  
CVF-4MSS (EPDM o-ring)  
CVF-4MSSV (Viton o-ring)



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# Stainless Steel 6 Turn Valves



Valves come in a variety of seat materials and pressure ratings to best meet your needs. We offer metal to metal seats, soft seats, and metering seats. All valves are 1/4" NPT male to male or female to female.

Part Number	Body and Seat Style	Description	Max PSI
SS-110S	Male, Metal to Metal Seal	For Corrosive Gases	6000 PSI
SS-110K	Male, Soft Seat	Minimal Force Shut-off	3000 PSI
SS-110M	Male, Metering Seat	Fine Thread for Accuracy	6000 PSI
SS-120K	Male 90° Soft Seat	Minimal Force Shut-off	3000 PSI
SS-120M	Male 90° Metering Seat	Fine Thread for Accuracy	6000 PSI
SS-130S	Female, Metal to Metal Seat	For Corrosive Gases	6000 PSI
SS-130M	Female, Metering Seat	Fine Thread for Accuracy	6000 PSI
SS-130K	Female, Soft Seat	Minimal Force Shut-off	3000 PSI

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## To Order Western Products



### E-MAIL

Existing customers email orders to: [customerorders@westernenterprises.com](mailto:customerorders@westernenterprises.com)  
To order, contact one of our distributors or wholesalers. For a list, visit our website [westernenterprises.com/where-can-i-buy](http://westernenterprises.com/where-can-i-buy)



For product questions contact our customer service center M-F 8am-5pm toll free at (800) 783-7890, or outside of the U.S. call: 1 (440) 871-2160 and press #1.

### WARRANTY STATEMENT

Western warrants to the purchaser that products delivered to the purchaser will be free from manufactured defects in material and workmanship. Western has a 90 day return policy on fittings.

ISO9001/ISO13485 Registered Quality System



## WESTERN STAINLESS FITTINGS ARE FOR THE FOLLOWING MARKETS

Welding | Food & Beverage | Medical | Construction | Laboratories | Oil & Gas | Manufacturing & Metal Fabrication | Energy | Chemical | Aerospace & Defense | Government | Glass



### ABOUT WESTERN ENTERPRISES

Western Enterprises, a Scott Fetzer Company, is a leading American designer and manufacturer of products for the compressed gas industry serving the medical, industrial, welding, HVAC, and specialty gas markets. We are a trusted leader in measurement and calibration solutions with our Meriam® products brand. Our products are produced in our Westlake, Avon and Cleveland, Ohio facilities with a commitment to providing uncompromising quality and an impeccable support experience. We have over 169 years of combined expertise in developing products from concept to distribution and sell through wholesalers, distributors, direct and e-commerce both in the U.S.A. and internationally.

*For more info visit our websites:*



[WesternEnterprises.com](http://WesternEnterprises.com)



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