

**PRODUCT SPECIFICATION  
GUIDE AND ORDERING  
INFORMATION FOR  
REGULATOR INLET NUTS  
AND NIPPLES**

Western offers nuts and nipples in a variety of materials and styles to fit a full range of gas service requirements. Five different types of nut/nipple combinations are available:

- Brass nut and nipple
- Stainless steel nut and nipple
- Nut and nipple with check valve
- Nut and nipple recessed for tubing
- Hand tight nut and nipple

Please note that all types may not be available for certain gas services.

**NIPPLES WITH CHECK VALVES**

Nipples with integral check valves are designed to provide additional safety in Manifold Systems and other equipment.

- Check Valve Nipples can be built into Pigtails, Tee Connections and Manifold Blocks to resist back flow of gases from lines, equipment and cylinders.
- Check valves are factory installed and are 100% tested.

Check valves are for reverse flows only - they are not to be used as Flashback Arrestors.


(See page 36 for more information on Western's line of flashback arrestors.)

**HAND TIGHT NUTS & NIPPLES**


Western Hand-Tight Nuts provide for easy installation and are available in brass or with plastic grips.

- Lightweight plastic grips have labels which are color-coded for gas service.
- All brass nuts are machined to CGA specifications and designed with wrench flats.
- Soft tip or o-ring type nipples always should be used with hand-tight nuts.
- CGA fittings rated over 3000 PSIG do not have soft tips and final gas-tight seating requires wrench action.

PART NO.	PART	DESCRIPTION	SERVICE
<b>CGA - 110 FOR GASES IN SMALL CYLINDERS:</b>			
110-3SF	Nipple	Brass, 1/8" NPT, 1-3/4" Long, .3125-32 UNEF-2A-RH-EXT	CGA-110
<b>CGA - 170 FOR NON-CORROSIVE GASES IN SMALL CYLINDERS:</b>			
170-2	Nut	Brass, .5625"-18 UNF-2B-RH Female	CGA-170
170-3SF	Nipple	Brass, 1/8" NPT, 1-1/2" Long	CGA-170
170-4	Washer	Nylon	CGA-170
170-5	Adaptor	Brass, 1/8" NPT, 1-1/32" Long	CGA-170
<b>CGA - 180 FOR NON-CORROSIVE GASES IN SMALL CYLINDERS:</b>			
180-2	Nut	Brass, .625"-18 UNF-2B, RH Female	CGA-180
180-3	Nipple	Brass, 1/8" NPT, 1-3/4" Long	CGA-180
180-4	Washer	PTFE	CGA-180
180-5	Adaptor	Brass, CGA-180 to 1/4" NPT Male	CGA-180




**REGULATOR NUTS & NIPPLES, BRASS**  
Pressures to 3000 PSIG (20,700 kPa)



**170-2**      **170-3SF**  
**170-4**

PART NO.	PART	DESCRIPTION	SERVICE
<b>REGULATOR NUTS &amp; NIPPLES, BRASS &amp; STAINLESS STEEL</b> Pressures to 500 PSIG (3400 kPa)			
<b>CGA - 200 FOR "MC" TANK ACETYLENE:</b>			
305-2	Nut	Brass, "MC" T, .628"-20 NGO, RH Female	CGA-200
305-3	Nipple	Brass, 7/16"-20, 1 1/4" Long	CGA-200
305-3A	Nipple	Brass, 1/8" NPT, 1 1/4" Long	CGA-200



**305-2**      **305-3**