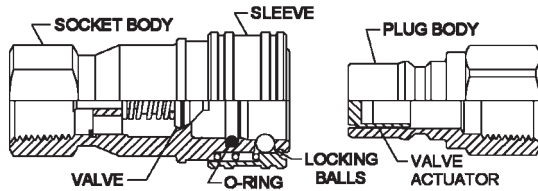


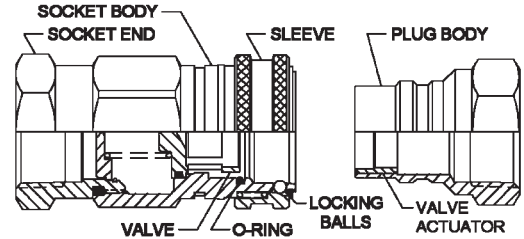


# Series Gas-Mate

## 3/8" to 1" Gas-Mate



## 1 1/4" Gas-Mate



Gas-Mate couplings are one-way shut-off safety couplings designed for use with various fuel gases. Body sizes are 3/8", 1/2", 3/4", 1" and 1-1/4".

### Features

- Connect and disconnect without using wrenches
- Automatic shut-off when plug is removed from socket
- In case of fire, heat-sensitive plug allows socket valve to close, stopping gas flow
- Push-to-connect (1-1/4" only)

For connection of gas cooking appliances and other gas-fired devices.

CSA\* design certified, in both the United States and Canada, for natural gas, manufactured gas, liquified petroleum and LP gas-air mixtures at pressures not in excess of 1/2 psig (3.5 kPa)

\*CANADIAN STANDARDS ASSOCIATION



Complies with the requirements of ANSI Z21.41 & CSA 6.9-M98.

### Standard Materials

- Brass construction
- Stainless steel locking balls
- Viton socket o-ring
- Valve actuator soldered to plug with low melting temperature alloy.

### Accessories

- Dust caps and dust plugs (See page 66.)

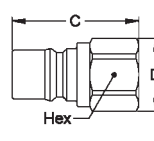
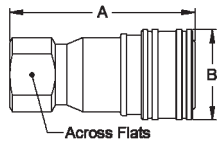
## Capacities

Body Size	Socket Part No.	Plug Part No.	Capacity* BTU/hr	Socket O-Ring Part No.
3/8"	100-006	100-506	60,000	914-3-143M
1/2"	100-008	100-508	90,000	902-14-143M
3/4"	100-010	100-510	245,000	902-18-143M
1"	100-012	100-512	310,000	902-23-143M
1-1/4"	GMS1250FH	GMP1250F	500,000	914-26-143M

\* Capacity is based on natural gas having a specific gravity of 0.64 and a heat capacity of 1,000 BTU per cubic foot. Inlet pressure is 12 inches water column and the pressure drop is 0.3 inch water column.

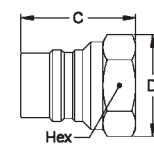
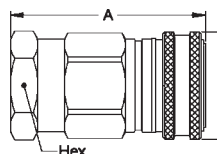
## Sockets

Body Size	Part No.	Thread Size NPTF	Dimensions		
			A	B	Across Flats
3/8"	100-006	3/8-18	2.44	1.13	1.00
1/2"	100-008	1/2-14	2.84	1.38	1.13
3/4"	100-010	3/4-14	3.17	1.75	1.50
1"	100-012	1-11 1/2	3.94	2.13	1.75



## Plugs

Body Size	Part No.	Thread Size NPTF	Dimensions		
			C	D	HEX
3/8"	100-506	3/8-18	1.59	0.94	0.81
1/2"	100-508	1/2-14	1.94	1.16	1.00
3/4"	100-510	3/4-14	2.06	1.52	1.31
1"	100-512	1-11 1/2	2.47	1.73	1.50



Body Size	Part No.	Thread Size NPTF	Dimensions		
			A	B	Hex
1-1/4"	GMS1250FH	1 1/4-11 1/2	4.15	2.28	2.00

Body Size	Part No.	Thread Size NPTF	Dimensions		
			C	D	HEX
1-1/4"	GMP1250F	1 1/4-11 1/2	2.44	2.16	1.88

All dimensions in inches.

ES.