

## INSTRUMENT GRADE PIPE FITTINGS

Pipe fittings are commonly used in constructing gas handling systems to join operating components together in a rigid configuration instead of compression fittings. They are well suited to high purity, high pressure, or high vacuum applications. All of the fittings shown below have a minimum pressure rating of 3000 psig. Some stainless steel fittings may be rated at higher operating pressures.

### HOW TO ORDER

| BRASS P/N  | STAINLESS STEEL P/N | DESCRIPTION                               |
|--|---------------------|---|
| <b>Male Hex Nipple (For connecting female pipe threads)</b>                          |                     |   |
| 2-2MHN-B   | 2-2MHN-SS           | 1/8" NPT male x 1/8" NPT male             |
| 4-2MHN-B   | 4-2MHN-SS           | 1/4" NPT male x 1/8" NPT male             |
| 4-4MHN-B   | 4-4MHN-SS           | 1/4" NPT male x 1/4" NPT male             |
| 8-4MHN-B   | 8-4MHN-SS           | 1/2" NPT male x 1/4" NPT male             |
| 8-8MHN-B   | 8-8MHN-SS           | 1/2" NPT male x 1/2" NPT male             |
| <b>Male Hex Long Nipple (For connecting female pipe threads at extended lengths)</b> |                     |   |
| 4-4MHLN-2.0-B  | 4-4MHLN-2.0-SS      | 1/4" NPT male x 1/4" NPT male (2" long)   |
| 4-4MHLN-2.5-B  | 4-4MHLN-2.5-SS      | 1/4" NPT male x 1/8" NPT male (2.5" long) |
| 4-4MHLN-3.0-B  | 4-4MHLN-3.0-SS      | 1/4" NPT male x 1/4" NPT male (3.0" long) |
| 4-4MHLN-4.0-B  | 4-4MHLN-4.0-SS      | 1/4" NPT male x 1/4" NPT male (4.0" long) |
| <b>Female Hex Coupling (for connecting male pipe threads)</b>                        |                     |   |
| 2-2FHC-B   | 2-2FHC-SS           | 1/8" NPT female x 1/8" NPT female         |
| 4-2FHC-B   | 4-2FHC-SS           | 1/4" NPT female x 1/8" NPT female         |
| 4-4FHC-B   | 4-4FHC-SS           | 1/4" NPT female x 1/4" NPT female         |
| 8-4FHC-B   | 8-4FHC-SS           | 1/2" NPT female x 1/4" NPT female         |
| 8-8FHC-B   | 8-8FHC-SS           | 1/2" NPT female x 1/2" NPT female         |
| <b>Reducing Bushing (for joining pipe threads of different sizes)</b>                |                     |   |
| 4-2RB-B  | 4-2RB-SS            | 1/4" NPT male x 1/8" NPT female           |
| 8-4RB-B  | 8-4RB-SS            | 1/2" NPT male x 1/4" NPT female           |
| <b>Reducing Adapter (for joining pipe threads of different sizes)</b>                |                     |   |
| 4-2RA-B  | 4-2RA-SS            | 1/4" NPT female x 1/8" NPT male           |
| 8-4RA-B  | 8-4RA-SS            | 1/2" NPT female x 1/4" NPT male           |



## INSTRUMENT GRADE PIPE FITTINGS *CONTINUED*

### HOW TO ORDER

| BRASS P/N  | STAINLESS STEEL P/N | DESCRIPTION                                   |
|--|---------------------|---|
| <b>Male Elbow (for connecting female pipe threads at right angles)</b>                           |                     |   |
| 2-2ME-B  | 2-2MEL-SS           | 1/8" NPT male x 1/8" NPT male                 |
| 4-4ME-B  | 4-4MEL-SS           | 1/4" NPT male x 1/4" NPT male                 |
| <b>Female Elbow (for connecting male pipe threads at right angles)</b>                           |                     |   |
| 2-2FE-B  | 2-2FE-SS            | 1/8" NPT female x 1/8" NPT female             |
| 4-4FE-B  | 4-4FE-SS            | 1/4" NPT female x 1/4" NPT female             |
| <b>Street Elbow (for connecting male to female pipe threads at right angles)</b>                 |                     |   |
| 2-2SE-B  | 2-2SE-SS            | 1/8" NPT male x 1/8" NPT female               |
| 4-4SE-B  | 4-4SE-SS            | 1/4" NPT male x 1/4" NPT female               |
| <b>Female Tee (for connecting male pipe threads in a "T" configuration)</b>                      |                     |   |
| 2-2-2FT-B  | 2-2-2FT-SS          | 1/8" NPT female all ends                      |
| 4-4-4FT-B  | 4-4-4FT-SS          | 1/4" NPT female all ends                      |
| <b>Male Tee (for connecting male pipe threads in a "T" configuration)</b>                        |                     |   |
| 2-2-2MT-B  | 2-2-2MT-SS          | 1/8" NPT male all ends                        |
| 4-4-4MT-B  | 4-4-4MT-SS          | 1/4" NPT male all ends                        |
| <b>Street Tee (for connecting pipe threads in a "T" configuration female x male x male)</b>      |                     |   |
| 4-4-4ST-B  | 4-4-4ST-SS          | 1/4" NPT male x 1/4" NPT female x 1/4" female |
| <b>Male Branch Tee (for connecting pipe threads in a "T" configuration male x female x male)</b> |                     |   |
| 4-4-MBT-B  | 4-4-MBT-SS          | 1/4" NPT male x 1/4" NPT female x 1/4" female |
| <b>Pipe Cross (for making a 4-way connection of male pipe threads)</b>                           |                     |   |
| 4FX-B  | 4FX-SS              | 1/4" NPT female all ends                      |
| <b>Hollow Hex Pipe Plug (to plug a female pipe thread)</b>                                       |                     |   |
| 2PHH-B   | 2PHH-SS             | 1/8" NPT male                                 |
| 4PHH-B   | 4PHH-SS             | 1/4" NPT male                                 |

