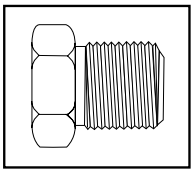
# Fittings and Tubing - Mini Series Fittings

## Pressure to 15,000 psi (1034 bar)

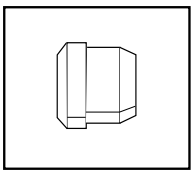
All Parker Autoclave Engineers valves and fittings are supplied complete with appropriate glands and compression sleeves. To order these components separately, use order numbers listed. When using plug, sleeve is not required.



**Gland**
SMN ( )

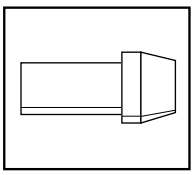
Add gland size ( ) Example: SMN - 10
1/16" - 10
1/16" - 10-10mm
1/8" - 20
1/8" - 20-10mm

Note: Gland sizes differ as folllows:
Standard is 3/8 hex
10 mm is 10 millimeter hex



**Sleeve**
SSL ( )

Add tube size for sleeve and plug ( ) Example: 1/8" Sleeve SSL20
1/16" - 10
1/8" - 20



**Plug**
SP ( )

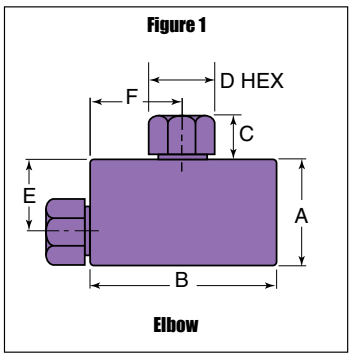
Note: Special material glands may be supplied with four flats in place of standard hex.

| Catalog Number | Connection Type | Outside Diameter Tube | Pressure Rating psi (bar)* | Minimum Opening | Dimensions - inches (mm) A | B | C | D Typical | E | F | | Block Thickness | Fitting Pattern |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Elbow** | | | | | | | | | | | | | |
| | | | | **3/8 inch hex glands (D Dimension)** | | | | | | | | | |
| MLE1100 | W062 | 1/16 **(1.59)** | 15,000 **(1034.20)** | 0.055 **(1.40)** | 1.00 **(25.40)** | 1.00 **(25.40)** | 0.31 **(7.87)** | 0.38 **(9.53)** | 0.69 **(17.45)** | 0.69 **(17.45)** | | 0.56 **(14.27)** | **See Figure 1** |
| MLE2200 | W125 | 1/8 **(3.18)** | 15,000 **(1034.20)** | 0.093 **(2.36)** | 1.00 **(25.40)** | 1.00 **(25.40)** | 0.31 **(7.87)** | 0.38 **(9.53)** | 0.69 **(17.45)** | 0.69 **(17.45)** | | 0.56 **(14.27)** | |
| | | | | **10 millimeter hex glands (D Dimension)** | | | | | | | | | |
| ML1100 | W062 | 1/16 **(1.59)** | 15,000 **(1034.20)** | 0.055 **(1.40)** | 1.00 **(25.40)** | 1.00 **(25.40)** | 0.31 **(7.87)** | 0.39 **(10.00)** | 0.69 **(17.45)** | 0.69 **(17.45)** | | 0.56 **(14.27)** | |
| ML2200 | W125 | 1/8 **(3.18)** | 15,000 **(1034.20)** | 0.093 **(2.36)** | 1.00 **(25.40)** | 1.00 **(25.40)** | 0.31 **(7.87)** | 0.39 **(10.00)** | 0.69 **(17.45)** | 0.69 **(17.45)** | | 0.56 **(14.27)** | |

*Maximum pressure rating is based on the lowest rating of any component.
Actual working pressure may be determined by tubing pressure rating, if lower.

*All dimensions for reference only and subject to change.*
For prompt service, Parker Autoclave Engineers stocks select products. Consult your local representative.

**Figure 1**




**Elbow**



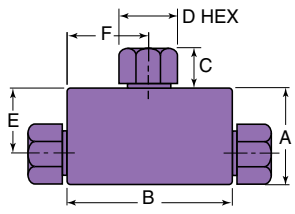
All general terms and conditions of sale, including limitations of our liability, apply to all products and services sold.

| Catalog Number | Connection Type | Outside Diameter Tube | Pressure Rating psi (bar)* | Minimum Opening | Dimensions - inches (mm) A | B | C | D Typical | E | F | | Block Thickness | Fitting Pattern |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Tee** | | | | | | | | | | | | | |
| | | | | | 3/8 inch hex glands (D Dimension) | | | | | | | | |
| MTE1110 | W062 | 1/16 (1.59) | 15,000 (1034.20) | 0.055 (1.40) | 1.00 (25.40) | 1.38 (34.93) | 0.31 (7.87) | 0.38 (9.53) | 0.69 (17.45) | 0.69 (17.45) | | 0.56 (14.27) | See Figure 2 |
| MTE2220 | W125 | 1/8 (3.18) | 15,000 (1034.20) | 0.093 (2.36) | 1.00 (25.40) | 1.38 (34.93) | 0.31 (7.87) | 0.38 (9.53) | 0.69 (17.45) | 0.69 (17.45) | | 0.56 (14.27) | |
| | | | | | 10 millimeter hex glands (D Dimension) | | | | | | | | |
| MT1110 | W062 | 1/16 (1.59) | 15,000 (1034.20) | 0.055 (1.40) | 1.00 (25.40) | 1.38 (34.93) | 0.31 (7.87) | 0.39 (10.00) | 0.69 (17.45) | 0.69 (17.45) | | 0.56 (14.27) | |
| MT2220 | W125 | 1/8 (3.18) | 15,000 (1034.20) | 0.093 (2.36) | 1.00 (25.40) | 1.38 (34.93) | 0.31 (7.87) | 0.39 (10.00) | 0.69 (17.45) | 0.69 (17.45) | | 0.56 (14.27) | |
| **Cross** | | | | | | | | | | | | | |
| | | | | | 3/8 inch hex glands (D Dimension) | | | | | | | | |
| MXE1111 | W062 | 1/16 (1.59) | 15,000 (1034.20) | 0.055 (1.40) | 1.38 (34.93) | 1.38 (34.93) | 0.31 (7.87) | 0.38 (9.53) | 0.69 (17.45) | 0.69 (17.45) | | 0.56 (14.27) | See Figure 3 |
| MXE2222 | W125 | 1/8 (3.18) | 15,000 (1034.20) | 0.093 (2.36) | 1.38 (34.93) | 1.38 (34.93) | 0.31 (7.87) | 0.38 (9.53) | 0.69 (17.45) | 0.69 (17.45) | | 0.56 (14.27) | |
| | | | | | 10 millimeter hex glands (D Dimension) | | | | | | | | |
| MX1111 | W062 | 1/16 (1.59) | 15,000 (1034.20) | 0.055 (1.40) | 1.38 (34.93) | 1.38 (34.93) | 0.31 (7.87) | 0.39 (10.00) | 0.69 (17.45) | 0.69 (17.45) | | 0.56 (14.27) | |
| MX2222 | W125 | 1/8 (3.18) | 15,000 (1034.20) | 0.093 (2.36) | 1.38 (34.93) | 1.38 (34.93) | 0.31 (7.87) | 0.39 (10.00) | 0.69 (17.45) | 0.69 (17.45) | | 0.56 (14.27) | |
| **Straight Couplings** | | | | | | | | | | | | | |
| | | | | | 3/8 inch hex glands (D Dimension) | | | | | | | | |
| MCE1100 | W062 | 1/16 (1.59) | 15,000 (1034.20) | 0.055 (1.40) | 0.50 (12.70) | 1.25 (31.75) | 0.31 (7.87) | 0.38 (9.53) | | | | | See Figure 4 |
| MCE2200 | W125 | 1/8 (3.18) | 15,000 (1034.20) | 0.093 (2.36) | 0.50 (12.70) | 1.25 (31.75) | 0.31 (7.87) | 0.38 (9.53) | | | | | |
| | | | | | 10 millimeter hex glands (D Dimension) | | | | | | | | |
| MC1100 | W062 | 1/16 (1.59) | 15,000 (1034.20) | 0.055 (1.40) | 0.50 (12.70) | 1.25 (31.75) | 0.31 (7.87) | 0.39 (10.00) | | | | | |
| MC2200 | W125 | 1/8 (3.18) | 15,000 (1034.20) | 0.093 (2.36) | 0.50 (12.70) | 1.25 (31.75) | 0.31 (7.87) | 0.39 (10.00) | | | | | |

*Maximum pressure rating is based on the lowest rating of any component. Actual working pressure may be determined by tubing pressure rating, if lower.

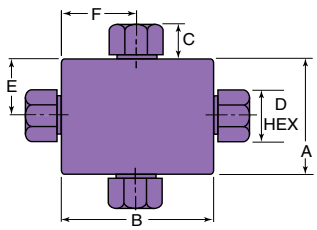
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**Figure 2**



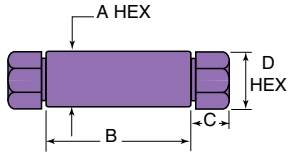

**Tee**

**Figure 3**




**Cross**

**Figure 4**




**Straight Coupling**

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