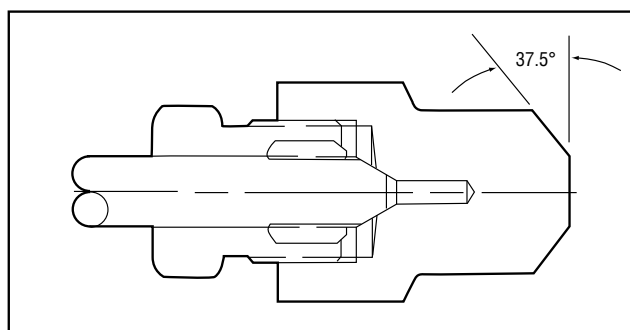


## Adapters/Couplings - Header Couplings

Parker Autoclave Engineer's offers weld style Header Couplings in a number of designs and materials. The standard materials are SAE-4130 and Inconel 625. Other materials are listed in the tables. Header couplings are available drilled through or blind drilled, allowing final drill through after welding. The couplings can be supplied with any style of Parker Autoclave Engineers connection or special connections if required. Header couplings come standard with 316 SS glands and collars for our medium and high-pressure connections. Models not shown are available upon request. Contact your local sales representative.

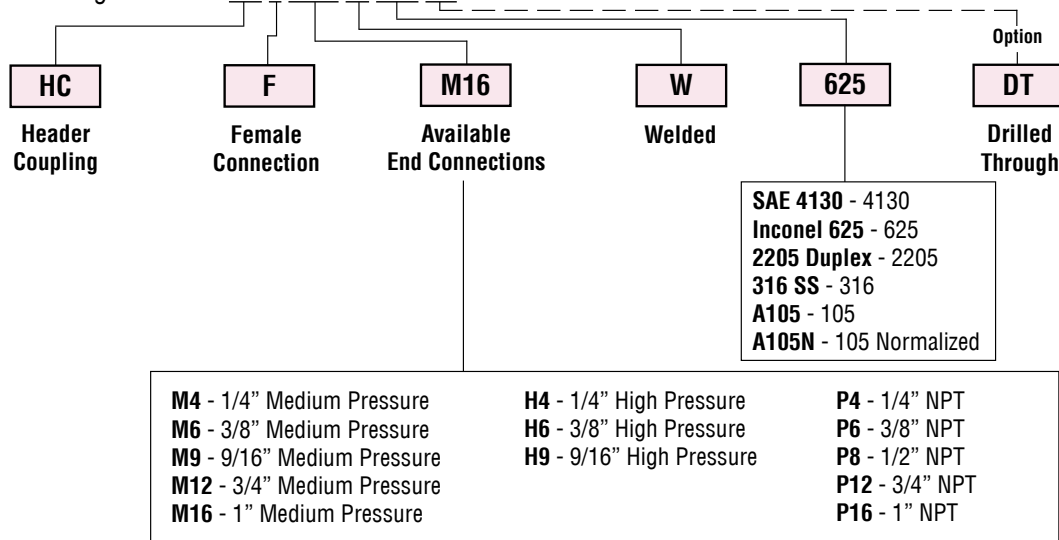


### Header Coupling



### Ordering Procedure

Typical catalog number: **HC F M16 W 625 DT**



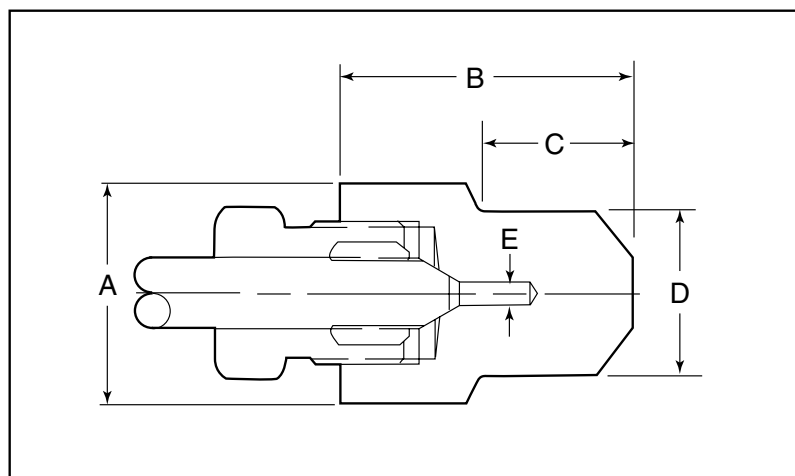
All general terms and conditions of sale, including limitations of our liability, apply to all products and services sold.

## Female Medium-Pressure Header Coupling Blind End

| Catalog Number | Material    | Pressure psi (bar) | Female M/P | Dimension inches (mm) |              |              |              |              |
|----------------|-------------|--------------------|------------|-----------------------|--------------|--------------|--------------|--------------|
|                |             |                    |            | A Flats               | B            | C            | D            | E            |
| HCFM12W316     | 316 SS      | 10,000 (690)       | SF750CX20  | 1.75 (44.45)          | 3.00 (76.2)  | 1.05 (26.7)  | 1.32 (33.5)  | 0.44 (11.2)  |
| HCFM12W105     | SA-105      | 10,000 (690)       | SF750CX20  | 1.75 (44.45)          | 3.00 (76.2)  | 1.05 (26.7)  | 1.32 (33.5)  | 0.44 (11.2)  |
| HCFM12W4130    | SAE-4130    | 20,000 (1379)      | SF750CX20  | 1.75 (44.45)          | 3.00 (76.2)  | 1.05 (26.7)  | 1.32 (33.5)  | 0.44 (11.2)  |
| HCFM12W2205    | 2205 Duplex | 15,000 (1034)      | SF750CX20  | 1.75 (44.45)          | 3.00 (76.2)  | 1.05 (26.7)  | 1.32 (33.5)  | 0.44 (11.2)  |
| HCFM16W316     | 316 SS      | 10,000 (690)       | SF1000CX20 | 1.75 (44.45)          | 2.62 (66.55) | 1.00 (25.40) | 1.38 (34.93) | 0.56 (14.27) |
| HCFM16W2205    | 2205 Duplex | 15,000 (1034)      | SF1000CX20 | 1.75 (44.45)          | 3.00 (76.2)  | 1.05 (26.7)  | 1.31 (33.27) | 0.56 (14.27) |

## Female High-Pressure Header Coupling Blind End

| Catalog Number | Material    | Pressure psi (bar) | Female H/P | Dimension inches (mm) |              |              |              |              |
|----------------|-------------|--------------------|------------|-----------------------|--------------|--------------|--------------|--------------|
|                |             |                    |            | A Flats               | B            | C            | D            | E            |
| HCFH9W316      | 316SS       | 30,000 (2068)      | F562C      | 1.50 (38.10)          | 2.31 (58.67) | 1.19 (30.18) | 1.31 (33.27) | 0.19 (4.75)  |
| HCFH9W4130     | SAE-4130    | 30,000 (2068)      | F562C      | 1.50 (38.10)          | 2.31 (58.67) | 1.19 (30.18) | 1.31 (33.27) | 0.19 (4.75)  |
| HCFH9W625      | Inconel 625 | 30,000 (2068)      | F562C      | 1.50 (38.10)          | 2.31 (58.67) | 1.19 (30.18) | 1.31 (33.27) | 0.19 (4.75)  |
| HCFH16W4130    | SAE-4130    | 20,000 (1379)      | F1000C43   | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.59) | 1.32 (33.53) | 0.44 (11.10) |
| HCFH16W625     | Inconel 625 | 22,000 (1551)      | F1000C43   | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.59) | 1.32 (33.53) | 0.44 (11.10) |



Gland and collar supplied with high pressure connections.

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 are subject to change.

For prompt service, Parker Autoclave Engineers stocks select products. Consult factory.

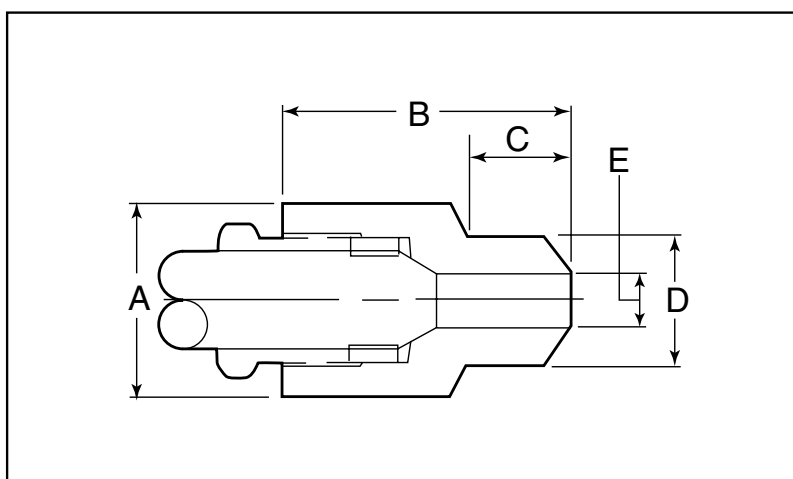
## Female Medium-Pressure Header Coupling Drill Through

| Catalog Number | Material    | Pressure psi (bar) | Female M/P | Dimension inches (mm) |              |             |             |             |
|----------------|-------------|--------------------|------------|-----------------------|--------------|-------------|-------------|-------------|
|                |             |                    |            | A Flats               | B            | C           | D           | E           |
| HCFM4W316DT    | 316 SS      | 10,000 (690)       | SF250CX20  | 0.63 (16.0) *         | 1.19 (30.2)  | 0.56 (14.3) | 0.54 (13.6) | 0.11 (2.8)  |
| HCFM9W316DT    | 316 SS      | 10,000 (690)       | SF562CX20  | 1.38 (35.1) *         | 2.44 (62.0)  | 1.13 (28.6) | 1.32 (33.5) | 0.36 (9.1)  |
| HCFM9W4130DT   | SAE-4130    | 25,000 (1724)      | SF562CX20  | 1.38 (35.1)           | 2.44 (62.0)  | 1.13 (28.6) | 1.32 (33.5) | 0.36 (9.1)  |
| HCFM12W4130DT  | SAE-4130    | 20,000 (1379)      | SF750CX    | 1.38 (35.1)           | 2.63 (66.68) | 1.05 (26.7) | 1.32 (33.5) | 0.44 (11.2) |
| HCFM12W2205DT  | 2205 duplex | 15,000 (1034)      | SF750CX20  | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.7) | 1.32 (33.5) | 0.44 (11.2) |
| HCFM16W316DT   | 316 SS      | 10,000 (690)       | SF1000CX20 | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.7) | 1.32 (33.5) | 0.56 (14.2) |
| HCFM16W316LDT  | 316L SS     | 10,000 (690)       | SF1000CX20 | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.7) | 1.32 (33.5) | 0.56 (14.2) |
| HCFM16W4130DT  | SAE-4130    | 20,000 (1379)      | SF1000CX20 | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.7) | 1.32 (33.5) | 0.56 (14.2) |
| HCFM16W105DT   | SA-105      | 12,000 (827)       | SF1000CX20 | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.7) | 1.32 (33.5) | 0.56 (14.2) |
| HCFM16W2205DT  | 2205 duplex | 15,000 (1034)      | SF1000CX20 | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.7) | 1.32 (33.5) | 0.56 (14.2) |
| HCFM16W625DT   | Inconel 625 | 15,000 (1034)      | SF1000CX20 | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.7) | 1.32 (33.5) | 0.56 (14.2) |

\*across hex

## Female High-Pressure Header Coupling Drill Through

| Catalog Number | Material    | Pressure psi (bar) | Female H/P | Dimension inches (mm) |              |              |              |              |
|----------------|-------------|--------------------|------------|-----------------------|--------------|--------------|--------------|--------------|
|                |             |                    |            | A Flats               | B            | C            | D            | E            |
| HCFH9W316DT    | 316SS       | 30,000 (2068)      | F562C      | 1.50 (38.10)          | 2.31 (58.67) | 1.19 (30.18) | 1.31 (33.27) | 0.19 (4.75)  |
| HCFH9W4130DT   | SAE-4130    | 30,000 (2068)      | F562C      | 1.50 (38.10)          | 2.31 (58.67) | 1.19 (30.18) | 1.31 (33.27) | 0.19 (4.75)  |
| HCFH9W625DT    | Inconel 625 | 30,000 (2068)      | F562C      | 1.50 (38.10)          | 2.31 (58.67) | 1.19 (30.18) | 1.31 (33.27) | 0.19 (4.75)  |
| HCFH16W4130DT  | SAE-4130    | 20,000 (1379)      | F1000C43   | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.59) | 1.32 (33.53) | 0.44 (11.10) |
| HCFH16W625DT   | Inconel 625 | 22,000 (1551)      | F1000C43   | 1.75 (44.45)          | 3.00 (76.20) | 1.05 (26.59) | 1.32 (33.53) | 0.44 (11.10) |



Gland and collar supplied with high pressure adapters.

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

Note: For pressure rating see ordering procedure.

All Dimensions for reference only and are subject to change.

For prompt service, Parker Autoclave Engineers stocks select products. Consult factory.