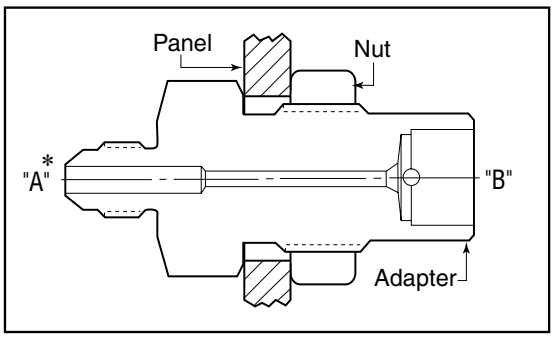
# Adapters/Couplings - Bulkhead Adapters

Parker Autoclave Engineers bulkhead adapters are used to connect tubing or piping of different sizes and configurations through the panel. Bulkhead adapters are machined from cold worked stainless steel. Other material and connections are available. Contact your local Sales Repersentative for optional information.



## Bulkhead Adapter




## Ordering Procedure

Typical catalog number: 20 BA M J16* F H4

| 20 | BA | M | J16 | F | H4 |
|---|---|---|---|---|---|
| Pressure (X 1000 psi) | Bulkhead Adapter | *Male Female | Connection | Female Male | Connection |

**Available End Connections**

*Note: First connection designation is "A" side.

| | | | | |
|---|---|---|---|---|
| **J4** - 1/4" JIC | **L4** - 1/4" Low Pressure | **M4** - 1/4" Medium Pressure | **H4** - 1/4" High Pressure | **P4** - 1/4" NPT |
| **J6** - 3/8" JIC | **L6** - 3/8" Low Pressure | **M6** - 3/8" Medium Pressure | **H6** - 3/8" High Pressure | **P6** - 3/8" NPT |
| **J8** - 1/2" JIC | **L8** - 1/2" Low Pressure | **M9** - 9/16" Medium Pressure | **H9** - 9/16" High Pressure | **P8** - 1/2" NPT |
| **J10** - 5/8" JIC | | **M12** - 3/4" Medium Pressure | **RH9** - 9/16" Reverse High Pressure | |
| **J12** - 3/4" JIC | | **M16** - 1" Medium Pressure | **RH12** - 3/4" Reverse High Pressure | |
| **J16** - 1" JIC | | | **RH16** - 1" Reverse High Pressure | |

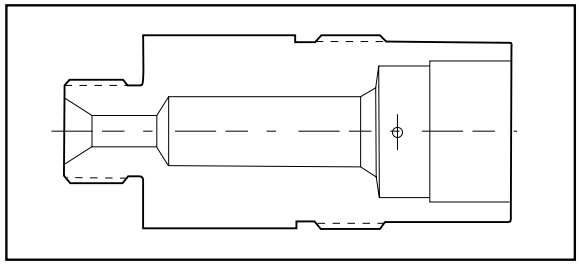
Note: Special material adapters may be supplied with four flats in place of standard hex.



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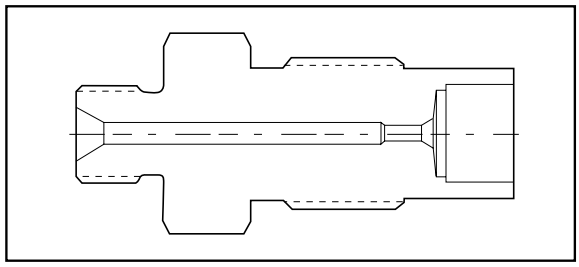
## Reverse High to Medium-Pressure

| Male Connection R/H | AE Medium Pressure - Female Connection | | | | |
|---|---|---|---|---|---|
| | SF250CX | SF375CX | SF562CX | SF750CX | SF1000CX |
| 9/16” | 20BAMRH9FM4 | 20BAMRH9FM6 | 20BAMRH9FM9 | | |
| 3/4” | | | 20BAMRH12FM9 | | 20BAMRH12FM16 |
| 1” | | | | | 20BAMRH16FM16 |



## Reverse High to High Pressure

| Male Connection R/H | AE High Pressure - Female Connection | | | | |
|---|---|---|---|---|---|
| | F250C | F375C | F562C | | |
| 9/16” | 40BAMRH9FH4 | | 40BAMRH9FH9 | | |
| 3/4” | | | 30BAMRH12FH9 | | |
| 1” | | | | | |

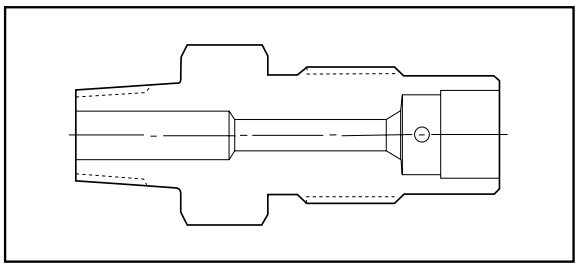


## NPT to Medium Pressure

| Male Connection NPT | AE Medium Pressure - Female Connection | | | | |
|---|---|---|---|---|---|
| | SF250CX | SF375CX | SF562CX | SF750CX | SF1000CX |
| 1/4” | 15BAMP4FM4 | 15BAMP4FM6 | | | |
| 3/8” | | 15BAMP6FM6 | | | |
| 1” | | | | | |

Gland and collar supplied with adapter.

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



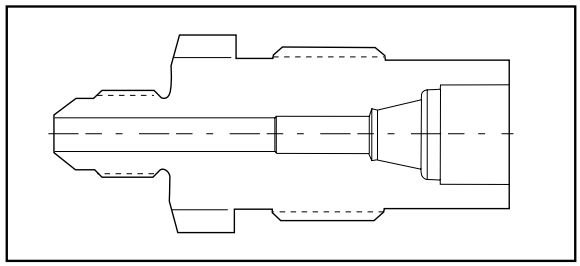
Note: For pressure rating see ordering procedure.
*All Dimensions for reference only and are subject to change.*

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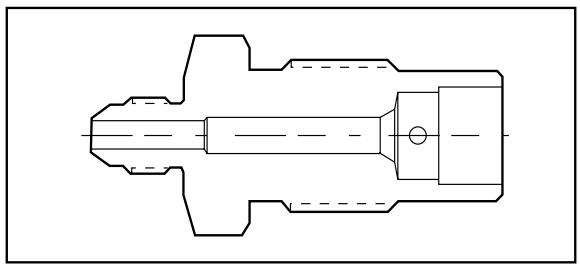
## JIC to Low Pressure

| Male Connection JIC | AE Low Pressure - Female Connection | | | | |
|---|---|---|---|---|---|
| | SW250 | SW375 | SW500 | | |
| 1/4” | 15BAMJ4FL4 | | | | |
| 3/8” | | | | | |
| 1/2” | | | | | |



## JIC to Medium Pressure

| Male Connection JIC | AE Medium Pressure - Female Connection | | | | |
|---|---|---|---|---|---|
| | SF250CX | SF375CX | SF562CX | SF750CX | SF1000CX |
| 1/4” | 20BAMJ4FM4 | 20BAMJ4FM6 | | 20BAMJ4FM12 | |
| 3/8” | 20BAMJ6FM4 | 20BAMJ6FM6 | 20BAMJ6FM9 | 20BAMJ6FM12 | |
| 1/2” | | 20BAMJ8FM6 | 20BAMJ8FM9 | 20BAMJ8FM12 | 20BAMJ8FM16 |

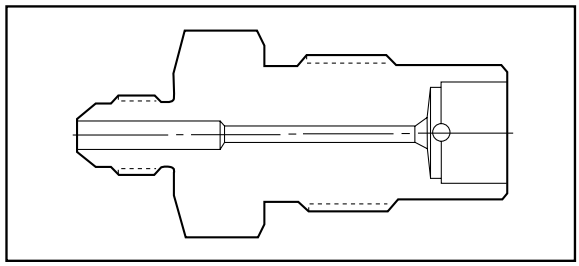


## JIC to High Pressure

| Male Connection JIC | AE High Pressure - Female Connection | | | | |
|---|---|---|---|---|---|
| | F250C | F375C | F562C | | |
| 1/4” | 20BAMJ4FH4 | | | | |
| 3/8” | 20BAMJ6H4 | | | | |
| 1/2” | | | | | |

Gland and collar supplied with adapter.

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.
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## Reverse High Pressure to Medium Pressure

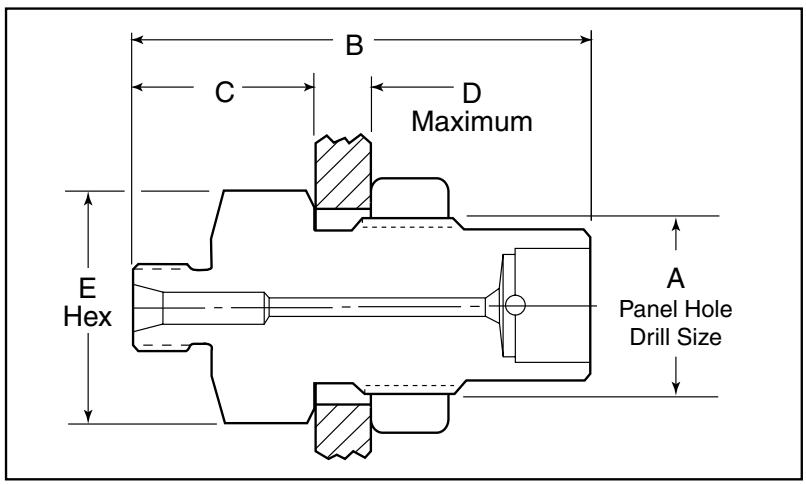
| Catalog Number | Male R/H | Female M/P | Dimension inches (mm) | | | | |
|---|---|---|---|---|---|---|---|
| | | | A Panel Hole | B | C | D Max | E Hex |
| 20BAMRH9FM4 | 9/16” | SF250CX | 0.81 (20.62) | 2.56 (65.0) | 1.22 (31.0) | 0.38 (9.65) | 1.00 (25.40) |
| 20BAMRH9FM6 | 9/16” | SF375CX | 0.94 (23.88) | 2.63 (66.80) | 1.13 (28.70) | 0.38 (9.65) | 1.00 (25.40) |
| 20BAMRH9FM9 | 9/16” | SF562CX | 1.13 (28.58) | 3.00 (76.20) | 1.28 (32.51) | 0.38 (9.65) | 1.38 (34.93) |
| 20BAMRH12FM9 | 3/4” | SF562CX | 1.13 (28.58) | 3.13 (79.50) | 1.41 (35.81) | 0.38 (9.65) | 1.38 (34.93) |
| 20BAMRH12FM16 | 3/4” | SF1000CX | 1.94 (49.28) | 4.26 (108.20) | 2.13 (54.10) | 0.38 (9.65) | 2.13 (54.10) |
| 20BAMRH16FM16 | 1” | SF1000CX | 1.94 (49.28) | 4.41 (112.01) | 2.28 (57.91) | 0.38 (9.65) | 2.13 (54.10) |

## Reverse High Pressure to High Pressure

| Catalog Number | Male R/H | Female H/P | Dimension inches (mm) | | | | |
|---|---|---|---|---|---|---|---|
| | | | A Panel Hole | B | C | D Max | E Hex |
| 40BAMRH9FH4 | 9/16” | F250C | 0.94 (23.88) | 2.50 (63.50) | 1.00 (25.40) | 0.38 (9.65) | 1.00 (25.40) |
| 40BAMRH9FH9 | 9/16” | F562C | 1.69 (42.85) | 3.38 (85.85) | 1.50 (38.10) | 0.38 (9.65) | 1.88 (47.75) |
| 30BAMRH12FH9 | 3/4” | F562C | 1.69 (42.85) | 3.50 (88.90) | 1.62 (41.15) | 0.38 (9.65) | 1.88 (47.75) |

## Pipe to Medium Pressure

| Catalog Number | Male NPT | Female M/P | Dimension inches (mm) | | | | |
|---|---|---|---|---|---|---|---|
| | | | A Panel Hole | B | C | D Max | E Hex |
| 15BAMP4FM4 | 1/4” | SF250CX | 0.81 (20.62) | 2.56 (65.02) | 1.22 (31.01) | 0.38 (9.65) | 1.00 (25.40) |
| 15BAMP4FM6 | 1/4” | SF375CX | 0.94 (23.88) | 2.69 (68.33) | 1.31 (33.35) | 0.38 (9.65) | 1.00 (25.40) |
| 15BAMP6FM6 | 3/8” | SF375CX | 0.94 (23.88) | 2.75 (69.85) | 1.25 (31.75) | 0.38 (9.65) | 1.00 (25.40) |




Gland and collar supplied with adapter.

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.
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## JIC to Low Pressure

| Catalog Number | Male JIC | Female LP | Dimension inches (mm) | | | | |
|---|---|---|---|---|---|---|---|
| | | | A Panel Hole | B | C | D Max | E Hex |
| 15BAMJ4FL4 | 1/4” | SW250 | 0.94 (23.88) | 2.29 (58.04) | 0.91 (23.11) | 0.38 (9.65) | 1.00 (25.40) |

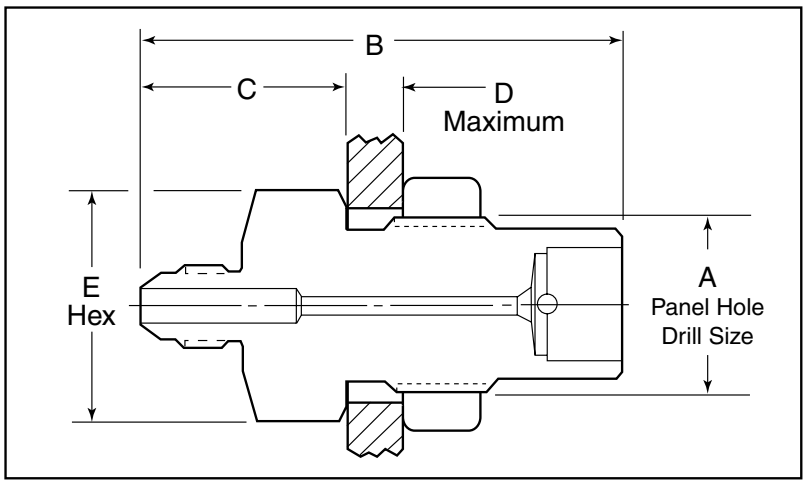
## JIC to Medium Pressure

| Catalog Number | Male JIC | Female MP | Dimension inches (mm) | | | | |
|---|---|---|---|---|---|---|---|
| | | | A Panel Hole | B | C | D Max | E Hex |
| 20BAMJ4FM4 | 1/4” | SF250CX | 0.81 (20.62) | 2.25 (57.15) | 0.91 (23.11) | 0.38 (9.65) | 1.00 (25.40) |
| 20BAMJ4FM6 | 1/4” | SF375CX | 0.81 (20.62) | 2.44 (61.93) | 0.94 (23.88) | 0.38 (9.65) | 1.00 (25.40) |
| 20BAMJ4FM12 | 1/4” | SF750CX | 1.69 (42.85) | 2.94 (74.68) | 1.22 (31.0) | 0.38 (9.65) | 1.88 (47.75) |
| 20BAMJ6FM4 | 3/8” | SF250CX | 0.81 (20.62) | 2.25 (57.15) | 0.91 (23.11) | 0.38 (9.65) | 1.00 (25.40) |
| 20BAMJ6FM6 | 3/8” | SF375CX | 0.94 (23.88) | 2.44 (61.98) | 0.94 (23.88) | 0.38 (9.65) | 1.00 (25.40) |
| 20BAMJ6FM9 | 3/8” | SF562CX | 1.13 (28.58) | 2.75 (69.85) | 1.16 (29.46) | 0.38 (9.65) | 1.38 (34.93) |
| 20BAMJ6FM12 | 3/8” | SF750CX | 1.69 (42.85) | 2.94 (74.68) | 1.22 (31.0) | 0.38 (9.65) | 1.88 (47.75) |
| 20BAMJ8FM6 | 1/2” | SF375CX | 0.81 (20.62) | 2.53 (64.26) | 1.03 (26.16) | 0.38 (9.65) | 1.00 (25.40) |
| 20BAMJ8FM9 | 1/2” | SF562CX | 1.13 (28.58) | 3.00 (76.20) | 1.41 (35.69) | 0.38 (9.65) | 1.38 (34.93) |
| 20BAMJ8FM12 | 1/2” | SF750CX | 1.69 (42.85) | 3.13 (79.38) | 1.41 (35.69) | 0.38 (9.65) | 1.88 (47.75) |
| 20BAMJ8FM16 | 1/2” | SF1000CX | 1.94 (49.20) | 4.36 (110.72) | 2.23 (56.62) | 0.50 (12.70) | 1.87 (47.50*) |

*Dimension across flats

## JIC to High Pressure

| Catalog Number | Male JIC | Female HP | Dimension inches (mm) | | | | |
|---|---|---|---|---|---|---|---|
| | | | A Panel Hole | B | C | D Max | E Hex |
| 20BAMJ4FH4 | 1/4” | F250C | 0.94 (23.80) | 2.44 (61.90) | 1.06 (26.97) | 0.38 (9.65) | 1.00 (25.40) |
| 20BAMJ6FH4 | 3/8” | F250C | 0.94 (23.80) | 2.47 (62.74) | 1.09 (27.79) | 0.38 (9.65) | 1.00 (25.40) |




Gland and collar supplied with adapter.

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