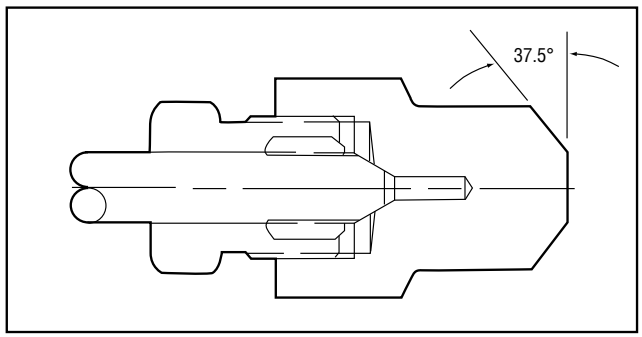
Adapters/Couplings - Header Couplings

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

HC	F	M16	W	625	Option DT
Header Coupling	Female Connection	Available End Connections	Welded		Drilled Through

625

SAE 4130 - 4130
Inconel 625 - 625
2205 Duplex - 2205
316 SS - 316
A105 - 105
A105N - 105 Normalized

M16

M4 - 1/4" Medium Pressure
M6 - 3/8" Medium Pressure
M9 - 9/16" Medium Pressure
M12 - 3/4" Medium Pressure
M16 - 1" Medium Pressure

H4 - 1/4" High Pressure
H6 - 3/8" High Pressure
H9 - 9/16" High Pressure

P4 - 1/4" NPT
P6 - 3/8" NPT
P8 - 1/2" NPT
P12 - 3/4" NPT
P16 - 1" NPT

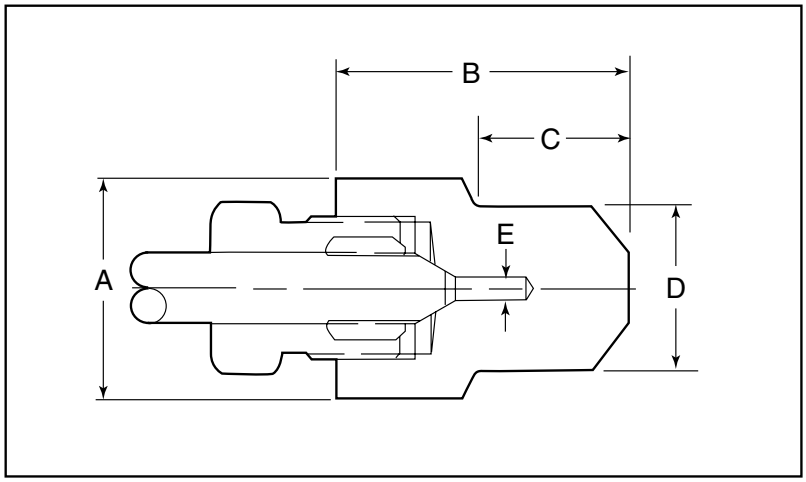
All general terms and conditions of sale, including limitations of our liability, apply to all products and services sold.

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.

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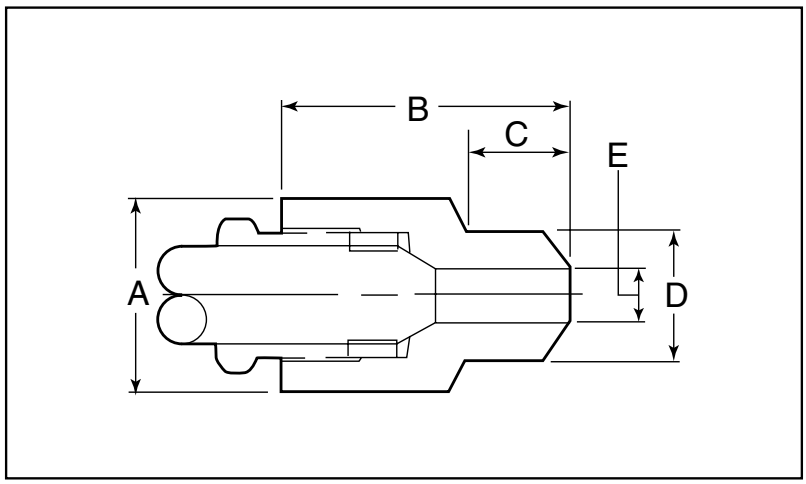
Female Medium-Pressure Header Coupling Drill Through

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.

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Note: For pressure rating see ordering procedure.

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