

Adapters/Couplings - Male/Male Adapters

Parker Autoclave Engineer's standard male-to-male one piece adapters are available in low, medium, and high pressure configurations. Standard male-to-male adapters are machined from cold worked stainless steel. Other materials are available upon request. Contact your local Sales Representative for optional information. The following tables list our standard adapters with dimensions.



Adapter End Configuration



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

*RH9 & RH14 - 40,000 psi (2758 bar), RH12 - 30,000 psi (2068 bar), RH16 - 26,000 psi (1793 bar), RH21 - 20,000 psi (1379 bar).

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		M-Proceure /	dantere	
Catalog Number	Connection L/P	Connection L/P	Dimension i	nches (mm) B
15MAL2L2 15MAL2L4	W125	W125	0.50 (12.7)	1.38 (34.9)
15MAL4L4 10MAL6L8	SW250 SW375	SW250 SW500	0.63 (15.9) 1.00 (25.4)	1.88 (47.6) 2.25 (57.1)
10MAL8L8	SW500 Ssure to Me	SW500 dium-Pressu	1.00 (25.4) re Adapters	2.13 (54.0)
Catalog Number	Connection L/P	Connection M/P	Dimension in A Hex	nches (mm) B
15MAL4M4 10MAL8M9	SW250 SW500	SF250CX SF562CX	0.63 (15.9) 1.00 (25.4)	1.86 (47.3) 2.44 (62.0)
Low-Pres	ssure to Hig	gh-Pressure /	Adapters	
Catalog Number	Connection L/P	Connection H/P	Dimension in A Hex	nches (mm) B
15MAL2H4 15MAL2H6	W125 W125	F250C F375C	0.63 (15.9) 0.90 (25.4)	1.63 (41.3) 2.00 (50.8)
Medium-	Pressure to	Medium-Pro	essure Adapte	ers
Catalog Number	Connection M/P	Connection M/P	A Hex	nches (mm) B
20MAM4M4 20MAM4M6 20MAM4M9	SF250CX SF250CX SF250CX	SF250CX SF375CX	0.50 (12.7) 0.63 (15.9)	1.69 (42.9) 1.88 (47.6)
20MAM4M12 20MAM4M16 20MAM6M6	SF250CX SF250CX SF375CX	SF750CX SF1000CX SF375CX	0.94 (23.0) 1.19 (30.1) 1.38 (34.9) 0.63 (15.9)	2.38 (60.3) 2.69 (68.2) 3.38 (85.7) 2.25 (57.1)
2000/400/12 2000/2000/2000/2000/2000/2000/2000	SF250CX SF250CX SF375CX SF375CX SF375CX SF375CX SF562CX SF562CX	SF750CX SF1000CX SF375CX SF562CX SF750CX SF1000CX SF562CX SF562CX	0.54 (23.6) 1.19 (30.1) 1.38 (34.9) 0.63 (15.9) 0.94 (23.8) 1.19 (30.1) 1.38 (34.9) 0.94 (23.8) 1.19 (20.1)	2.38 (60.3) 2.69 (68.2) 3.38 (85.7) 2.25 (57.1) 2.38 (60.3) 2.81 (71.4) 3.38 (85.7) 2.50 (63.5) 3.00 (76.2)
2011AIN/4W112 200AM4M616 200MAM6M6 200MAM6M9 200MAM6M12 200MAM6M16 200MAM9M16 200MAM9M16 200MAM12M12 200MAM12M12 200MAM12M16 200MAM16M4	SF250CX SF250CX SF375CX SF375CX SF375CX SF375CX SF375CX SF562CX SF562CX SF562CX SF750CX SF750CX SF1000CX	SF750CX SF1000CX SF375CX SF562CX SF750CX SF1000CX SF750CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX	$\begin{array}{c} 0.54 (23.6) \\ 1.19 (30.1) \\ 1.38 (34.9) \\ 0.63 (15.9) \\ 0.94 (23.8) \\ 1.19 (30.1) \\ 1.38 (34.9) \\ 0.94 (23.8) \\ 1.19 (30.1) \\ 1.38 (34.9) \\ 1.19 (30.1) \\ 1.38 (34.9) \\ 1.38 (34.9) \\ 1.38 (34.9) \\ 1.38 (34.9) \end{array}$	2.38 (60.3) 2.69 (68.2) 3.38 (85.7) 2.25 (57.1) 2.38 (60.3) 2.81 (71.4) 3.38 (85.7) 2.50 (63.5) 3.00 (76.2) 3.69 (93.72) 3.13 (79.3) 3.81 (96.8) 3.25 (82.6)
2011AIN/4WI 12 200AM4M16 200MAM6M6 200MAM6M9 200MAM6M12 200MAM6M16 200MAM9M9 200MAM9M12 200MAM9M16 200MAM12M16 200MAM12M16 200MAM16M16 200MAM16M16	SF250CX SF250CX SF375CX SF375CX SF375CX SF375CX SF375CX SF375CX SF375CX SF375CX SF375CX SF3562CX SF562CX SF562CX SF750CX SF1000CX SF1000CX Pressure to	SF750CX SF1000CX SF375CX SF562CX SF750CX SF1000CX SF562CX SF750CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX	0.54 (23.6) 1.19 (30.1) 1.38 (34.9) 0.63 (15.9) 0.94 (23.8) 1.19 (30.1) 1.38 (34.9) 0.94 (23.8) 1.19 (30.1) 1.38 (34.9) 1.38 (34.9)	2.38 (60.3) 2.69 (68.2) 3.38 (85.7) 2.25 (57.1) 2.38 (60.3) 2.81 (71.4) 3.38 (85.7) 2.50 (63.5) 3.00 (76.2) 3.69 (93.72) 3.13 (79.3) 3.81 (96.8) 3.25 (82.6) 4.38 (111.1)
2000AM44012 200AAM4016 200MAM6M6 200MAM6M9 200MAM6M12 200MAM6M16 200MAM9M12 200MAM9M12 200MAM9M12 200MAM12M16 200MAM12M16 200MAM16M16 200MAM16M16 200MAM16M16 200MAM16M16	SF250CX SF250CX SF375CX SF562CX SF562CX SF562CX SF1000CX SF1000CX SF1000CX Pressure to Connection M/P	SF750CX SF1000CX SF375CX SF562CX SF750CX SF1000CX SF562CX SF1000CX SF750CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX	0.54 (23.6) 1.19 (30.1) 1.38 (34.9) 0.63 (15.9) 0.94 (23.8) 1.19 (30.1) 1.38 (34.9) 0.94 (23.8) 1.19 (30.1) 1.38 (34.9) 1.19 (30.1) 1.38 (34.9) 1.38	2.38 (60.3) 2.69 (68.2) 3.38 (85.7) 2.25 (57.1) 2.38 (60.3) 2.81 (71.4) 3.38 (85.7) 2.50 (63.5) 3.00 (76.2) 3.69 (93.72) 3.13 (79.3) 3.81 (96.8) 3.25 (82.6) 4.38 (111.1) nches (mm) B
2011AIVI4WI 12 200AM4M61 200MAM6M6 200MAM6M9 200MAM6M12 200MAM6M16 200MAM9M19 200MAM9M12 200MAM9M12 200MAM12M16 200MAM16M4 200MAM16M4 200MAM4H6 200MAM6H4	SF250CX SF250CX SF375CX SF562CX SF562CX SF562CX SF750CX SF1000CX SF1000CX SF250CX SF250CX SF250CX SF250CX SF250CX SF250CX SF375CX	SF750CX SF1000CX SF375CX SF375CX SF375CX SF3750CX SF1000CX SF562CX SF1000CX SF750CX SF1000CX SF750CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF1000CX SF350CX SF1000CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF1000CX SF350CX SF350CX SF1000CX SF35	0.54 (23.6) 1.19 (30.1) 1.38 (34.9) 0.63 (15.9) 0.94 (23.8) 1.19 (30.1) 1.38 (34.9) 0.94 (23.8) 1.19 (30.1) 1.38 (34.9) 1.38 (35.9) 0.63 (15.9) 0.63 (15.9) 0.81 (20.6) 1.19 (30.1) 0.63 (15.9) 0.81 (20.6) 1.19 (30.1) 0.81 (20.6) 1.19 (30.1) 0.81 (20.6) 0.81	2.38 (60.3) 2.69 (68.2) 3.38 (85.7) 2.25 (57.1) 2.38 (60.3) 2.81 (71.4) 3.38 (85.7) 2.50 (63.5) 3.00 (76.2) 3.69 (93.72) 3.13 (79.3) 3.81 (96.8) 3.25 (82.6) 4.38 (111.1) thes (mm) B 1.75 (44.5) 2.13 (54.0) 2.63 (66.7) 1.94 (49.2) 2.38 (60.3)

All Dimensions for reference only and subject to change.

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

16

20MAM12H6

20MAM12H9

20MAM16H4

20MAM16H6

20MAM16H9

SF750CX

SF750CX

SF1000CX

SF1000CX

SF1000CX

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20MAM9H9 SF562CX F562C 1.19 (30.1) 2.94 (74.6) SF750CX 20MAM12H4 F250C 1.19 (30.1) 2.63 (66.7)

2.88 (73.0)

3.00 (76.2)

3.25 (82.6)

3.50 (89.0)

3.69 (93.6)

Note: For pressure rating see ordering procedure.

F250C 1.38 (34.9) F375C 1.38 (34.9) F562C 1.38 (34.9)

1.19 (30.1)

1.19 (30.1)

F375C

F562C



High-Pressure to High-Pressure Adapters

Catalog	Connection H/P	Connection H/P	Dimension inches (mm)	
Number			A Hex	В
40MAH9H9	F562C40	F562C40	1.19 (30.1)	2.94 (74.6)
60MAH4H4	F250C	F250C	0.63 (15.9)	1.69 (42.8)
60MAH4H5	F250C	F312C150	0.75 (19.1)	2.63 (66.7)
60MAH4H6	F250C	F375C	0.81 (20.6)	2.13 (54.0)
60MAH4H9	F250C	F562C	1.19 (30.1)	2.56 (65.0)
60MAH5H6	F312C150	F375C	0.81 (20.6)	2.81 (71.4)
60MAH6H6	F375C	F375C	0.81 (20.6)	2.25 (57.1)
60MAH6H9	F375C	F562C	1.19 (30.1)	2.88 (73.0)
60MAH9H9	F562C	F562C	1.19 (30.1)	3.00 (76.2)
150MAH5H5	F312C150	F312C150	0.75 (19.1)	3.38 (85.7)



Low-Pressure to NPT Adapters

Catalog	Connection	Connection	Dimension inches (mm)	
Number	L/P	NPT	A Hex	В
15MAL2P2	W125	1/8"	0.50 (12.7)	1.38 (34.9)
15MAL2P4	W125	1/4"	0.63 (15.9)	1.63 (41.2)
15MAL2P8	W125	1/2"	1.00 (25.4)	2.13 (54.0)
15MAL4P8	SW250	1/2"	1.00 (25.4)	2.25 (57.1)
15MAL4P2	SW250	1/8"	0.63 (15.9)	1.63 (41.2)
15MAL4P4	SW250	1/4"	0.63 (15.9)	1.75 (44.5)
15MAL6P4	SW375	1/4"	0.75 (19.1)	1.88 (47.6)
15MAL6P8	SW375	1/2"	1.00 (25.4)	2.25 (57.1)
10MAL8P6	SW500	3/8"	1.00 (25.4)	2.00 (50.0)
10MAL8P8	SW500	1/2"	1.00 (25.4)	2.31 (58.7)
10MAL8P12	SW500	3/4"	1.19 (30.1)	2.38 (60.3)



Medium-Pressure to NPT Adapters

Catalog	Connection	Connection	Dimension inches (mm)	
Number	M/P	NPT	A Hex	В
15MAM4P4	SF250CX	1/4"	0.63 (15.9)	1.75 (44.5)
15MAM4P6	SF250CX	3/8"	0.75 (19.1)	1.81 (46.2)
15MAM4P8	SF250CX	1/2"	0.94 (23.8)	2.19 (55.5)
15MAM6P4	SF375CX	1/4"	0.63 (15.9)	1.94 (49.1)
15MAM6P6	SF375CX	3/8"	0.75 (19.1)	2.00 (50.8)
15MAM6P8	SF375CX	1/2"	0.94 (23.8)	2.38 (60.3)
15MAM9P4	SF562CX	1/4"	0.81 (20.6)	2.25 (57.1)
15MAM9P6	SF562CX	3/8"	0.81 (20.6)	2.13 (54.0)
15MAM9P8	SF562CX	1/2"	0.94 (23.8)	2.56 (65.0)
10MAM9P12	SF562CX	3/4"	1.19 (30.1)	2.75 (69.9)
10MAM9P16	SF562CX	1"	1.38 (34.9)	3.00 (76.2)
15MAM12P4	SF750CX	1/4"	1.19 (30.1)	2.63 (66.7)
15MAM12P6	SF750CX	3/8"	1.19 (30.1)	2.63 (66.7)
15MAM12P8	SF750CX	1/2"	1.19 (30.1)	2.81 (71.4)
10MAM12P12	SF750CX	3/4"	1.19 (30.1)	2.81 (71.4)
10MAM12P16	SF750CX	1"	1.19 (30.1)	2.81 (71.4)
15MAM16P4	SF1000CX	1/4"	1.38 (34.9)	3.38 (85.7)
15MAM16P6	SF1000CX	3/8"	1.38 (34.9)	3.31 (84.1)
15MAM16P8	SF1000CX	1/2"	1.38 (34.9)	3.44 (87.3)
10MAM16P12	SF1000CX	3/4"	1.50 (38.1)	3.75 (95.3)
10MAM16P16	SF1000CX	1"	1.50 (38.1)	4.00 (101.6)



NOTE: NPT (Pipe) connections

- NPT threads must be sealed using a high quality PTFE tape and/or PTFE paste product. Refer to thread sealant manufacturer's instructions on how to apply thread sealant.
- Sealing performance may vary based on many factors such as pressure, temperature, media, thread quality, thread material, proper thread engagement and proper use of thread sealant.
- Customer should limit the number of times an NPT fitting is assembled and disassembled because thread deformation during assembly will result in deteriorating seal quality over time. When using only PTFE tape, consider using thread lubrication to prevent galling of mating parts.

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 subject to change.

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High-Pressure to NPT Adapters

Catalog	Connection	Connection	Dimension inches (mm)			
Number	H/P	NPT	A Hex	В		
15MAH4P4	F250C	1/4"	0.63 (15.9)	1.81 (46.2)		
15MAH4P6	F250C	3/8"	0.75 (19.1)	1.88 (47.6)		
15MAH4P8	F250C	1/2"	0.94 (23.8)	2.25 (57.1)		
15MAH6P4	F375C	1/4"	0.81 (20.6)	2.13 (54.0)		
15MAH6P6	F375C	3/8"	0.81 (20.6)	2.13 (54.0)		
15MAH6P8	F375C	1/2"	0.94 (23.8)	2.50 (63.5)		
15MAH9P4	F562C	1/4"	1.19 (30.1)	2.63 (66.7)		
15MAH9P6	F562C	3/8"	1.19 (30.1)	2.56 (65.0)		
15MAH9P8	F562C	1/2"	1.19 (30.1)	2.75 (69.9)		



NPT to NPT Adapters

Catalog	Connection	Connection	Dimension inches (mm)	
Number	NPT	NPT	A Hex	В
15MAP4P4	1/4	1/4"	0.63 (15.9)	1.81 (46.2)
15MAP4P6	1/4	3/8"	0.75 (19.1)	1.88 (47.6)
15MAP4P8	1/4	1/2"	0.94 (23.8)	2.31 (58.7)
15MAP6P6	3/8	3/8"	0.75 (19.1)	1.88 (47.6)
15MAP6P8	3/8	1/2"	0.94 (23.8)	2.31 (58.7)
15MAP8P8	1/2	1/2"	0.94 (23.8)	2.50 (63.5)

Medium-Pressure to Reverse High-Pressure Adapters

Catalog	Connection	Connection RH	Dimension inches (mm)	
Number	M/P		A Hex	В
20MAM4RH9	SF250CX	9/16"	0.63 (15.9)	1.56 (39.7)
20MAM4RH12	SF250CX	3/4"	0.81 (20.6)	1.88 (47.6)
20MAM4RH16	SF250CX	1"	1.00 (25.4)	2.13 (54.0)
20MAM6RH9	SF375CX	9/16"	0.63 (15.9)	1.69 (42.8)
20MAM6RH12	SF375CX	3/4"	0.81 (20.6)	1.81 (46.2)
20MAM6RH16	SF375CX	1"	1.00 (25.4)	2.25 (57.1)
20MAM9RH9	SF562CX	9/16"	0.94 (23.8)	2.00 (50.8)
20MAM9RH12	SF562CX	3/4"	0.94 (23.8)	2.13 (54.0)
20MAM9RH14	SF562CX	7/8"	0.94 (23.8)	2.44 (61.9)
20MAM9RH16	SF562CX	1"	1.00 (25.4)	2.25 (57.1)
20MAM9RH21	SF562CX	1-5/16"	1.38 (34.9)	2.38 (60.3)
20MAM12RH9	SF750CX	9/16"	1.19 (30.1)	2.38 (60.3)
20MAM12RH12	SF750CX	3/4"	1.19 (30.1)	2.44 (61.9)
20MAM12RH16	SF750CX	1"	1.19 (30.1)	2.50 (63.5)
20MAM12RH21	SF750CX	1-5/16"	1.50 (38.1)	2.75 (69.9)
20MAM16RH9	SF1000CX	9/16"	1.38 (34.9)	3.13 (79.3)
20MAM16RH12	SF1000CX	3/4"	1.38 (34.9)	3.19 (80.9)
20MAM16RH14	SF1000CX	7/8"	1.38 (34.9)	3.34 (84.9)
20MAM16RH16	SF1000CX	1"	1.38 (34.9)	3.38 (85.7)
20MAM16RH21	SF1000CX	1-5/16"	1.50 (38.1)	3.25 (82.6)

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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18

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NOTE: NPT (Pipe) connections

- NPT threads must be sealed using a high quality PTFE tape and/or
 PTFE paste product. Refer to thread sealant manufacturer's instructions on how to apply thread sealant.
- On now to apply thread seaant.
 Sealing performance may vary based on many factors such as pressure, temperature, media, thread quality, thread material, proper thread engagement and proper use of thread sealant.
 Customer should limit the number of times an NPT fitting is assembled and disassembled because thread deformation during assembly will result in detriving and and the over time. When using only PTE tapa
- result in deteriorating seal quality over time. When using only PTEE tape, consider using thread lubrication to prevent galling of mating parts.



High-Pressure to Reverse High-Pressure Adapters

Catalog	Connection	Connection	Dimension inches (mm)		
Number	H/P	RH	A Hex	В	
26MAH4RH16	F250C	1"	1.00 (25.4)	2.13 (54.0)	
26MAH6RH16	F375C	1"	1.00 (25.4)	2.25 (57.1)	
26MAH9RH16	F562C	1"	1.19 (30.1)	2.69 (68.2)	
30MAH4RH12	F250C	3/4"	0.81 (20.6)	1.88 (47.6)	
30MAH6RH12	F375C	3/4"	0.81 (20.6)	2.06 (54.0)	
30MAH9RH12	F562C	3/4"	1.19 (30.1)	2.50 (63.5)	
40MAH4RH9	F250C	9/16"	0.63 (15.9)	1.56 (39.7)	
40MAH6RH9	F375C	9/16"	0.81 (20.6)	1.94 (49.1)	
40MAH9RH9	F562C	9/16"	1.19 (30.1)	2.38 (60.3)	



Reverse High-Pressure to Reverse High-Pressure Adapters

Catalog	Connection	Connection RH	Dimension inches (mm)		
Number	RH		A Hex	В	
20MARH21RH21	1-5/16	1-5/16"	1.38 (34.9)	2.13 (54.1)	
26MARH9RH16	9/16	1"	1.00 (25.4)	1.88 (47.6)	
26MARH12RH16	3/4	1"	1.00 (25.4)	2.00 (50.8)	
26MARH16RH16	1	1"	1.00 (25.4)	2.00 (50.8)	
30MARH9RH12	9/16	3/4"	0.81 (20.6)	1.63 (41.2)	
30MARH12RH12	3/4	3/4"	0.81 (20.6)	1.75 (44.5)	
40MARH9RH9	9/16	9/16"	0.63 (15.9)	1.50 (38.1)	



NPT to Reverse High-Pressure Adapters

Catalog	Connection	Connection	Dimension inches (mm)	
Number	NPT	RH	A Hex	В
15MAP4RH9	1/4	9/16"	0.63 (15.9)	1.63 (41.2)
15MAP4RH12	1/4	3/4"	0.81 (20.6)	1.88 (47.6)
15MAP4RH16	1/4	1"	1.00 (25.4)	2.25 (57.1)
15MAP6RH9	3/8	9/16"	0.75 (19.1)	1.81 (46.2)
15MAP6RH12	3/8	3/4"	0.81 (20.6)	1.94 (49.1)
15MAP6RH16	3/8	1"	1.00 (25.4)	2.13 (54.0)
15MAP8RH9	1/2	9/16"	0.94 (23.8)	2.00 (50.8)
15MAP8RH12	1/2	3/4"	0.94 (23.8)	2.13 (54.0)
15MAP8RH14	1/2	7/8"	1.00 (25.4)	2.25 (57.1)
15MAP8RH16	1/2	1"	1.00 (25.4)	2.31 (58.7)
10MAP12RH12	3/4	3/4"	1.19 (30.1)	2.31 (58.7)
10MAP12RH16	3/4	1"	1.38 (34.9)	2.63 (66.7)
10MAP12RH21	3/4	1-5/16"	1.38 (34.9)	2.63 (66.7)
10MAP16RH9	1	9/16"	1.38 (34.9)	2.25 (57.2)
10MAP16RH16	1	1"	1.38 (34.9)	2.81 (71.4)
10MAP16RH21	1	1-5/16"	1.38 (34.9)	2.68 (68.0)



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