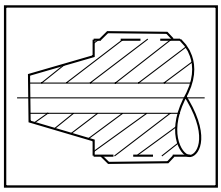
Adapters/Couplings - Male/Male Adapters

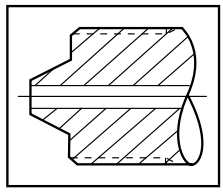
Parker Autoclave Engineer's standard male-to-male one piece adapters are available in low, medium, and high pressure configurations. Standard male-to-male adapters are machined from cold worked stainless steel. Other materials are available upon request. Contact your local Sales Representative for optional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



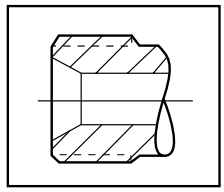
Adapter End Configuration



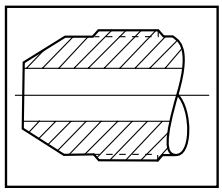
'L' Low Pressure



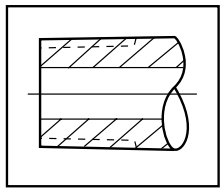
'H' High Pressure



'RH' Reverse High Pressure



'M' Medium Pressure



'P' National Pipe Tapered

Ordering Procedure

Typical catalog number: 20 MA M6 H9

20	MA	M6	H9
Pressure (X 1000 psi)	Male Adapter	Available End Connections	

L2 - 1/8" Low Pressure	**M4** - 1/4" Medium Pressure	**H4** - 1/4" High Pressure	**P4** - 1/4" NPT	***RH9** - 9/16" -18 Reverse High
L4 - 1/4" Low Pressure	**M6** - 3/8" Medium Pressure	**H5** - 5/16" High Pressure	**P6** - 3/8" NPT	**RH12** - 3/4" -16 Reverse High
L6 - 3/8" Low Pressure	**M9** - 9/16" Medium Pressure	**H6** - 3/8" High Pressure	**P8** - 1/2" NPT	**RH14** - 7/8" -14 Reverse High
L8 - 1/2" Low Pressure	**M12** - 3/4" Medium Pressure	**H9** - 9/16" High Pressure	**P12** - 3/4" NPT	**RH16** - 1" -12 Reverse High
	M16 - 1" Medium Pressure		**P16** - 1" NPT	**RH21** - 1-5/16" -12 Reverse High

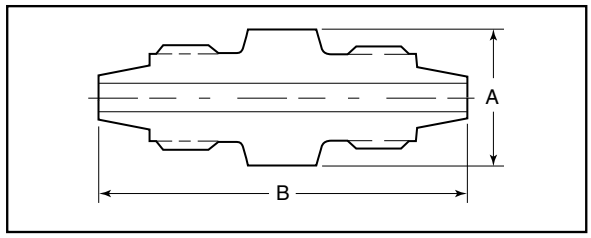
Note: Special material one piece adapters may be supplied with four flats in place of standard hex.

*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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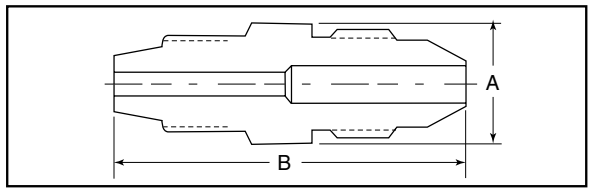
Low-Pressure to Low-Pressure Adapters

Catalog Number	Connection L/P	Connection L/P	Dimension inches (mm)	
			A Hex	B
15MAL2L2	W125	W125	0.50 (12.7)	1.38 (34.9)
15MAL2L4	W125	SW250	0.63 (15.9)	1.63 (41.3)
15MAL4L4	SW250	SW250	0.63 (15.9)	1.88 (47.6)
10MAL6L8	SW375	SW500	1.00 (25.4)	2.25 (57.1)
10MAL8L8	SW500	SW500	1.00 (25.4)	2.13 (54.0)



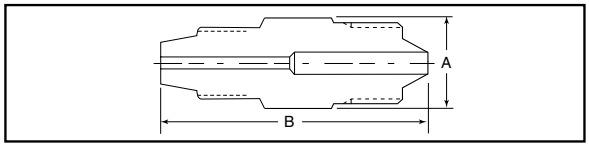
Low-Pressure to Medium-Pressure Adapters

Catalog Number	Connection L/P	Connection M/P	Dimension inches (mm)	
			A Hex	B
15MAL4M4	SW250	SF250CX	0.63 (15.9)	1.86 (47.3)
10MAL8M9	SW500	SF562CX	1.00 (25.4)	2.44 (62.0)



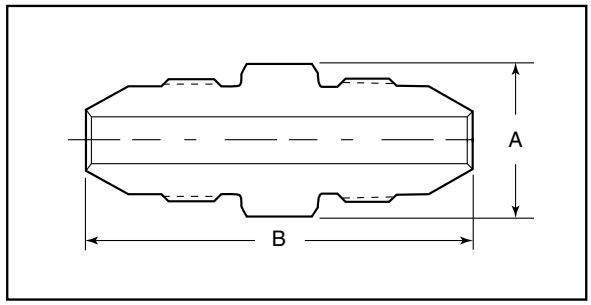
Low-Pressure to High-Pressure Adapters

Catalog Number	Connection L/P	Connection H/P	Dimension inches (mm)	
			A Hex	B
15MAL2H4	W125	F250C	0.63 (15.9)	1.63 (41.3)
15MAL2H6	W125	F375C	0.90 (25.4)	2.00 (50.8)



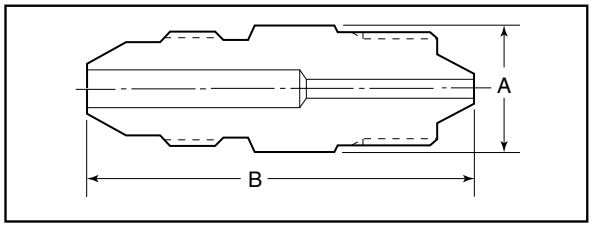
Medium-Pressure to Medium-Pressure Adapters

Catalog Number	Connection M/P	Connection M/P	Dimension inches (mm)	
			A Hex	B
20MAM4M4	SF250CX	SF250CX	0.50 (12.7)	1.69 (42.9)
20MAM4M6	SF250CX	SF375CX	0.63 (15.9)	1.88 (47.6)
20MAM4M9	SF250CX	SF562CX	0.94 (23.8)	2.38 (60.3)
20MAM4M12	SF250CX	SF750CX	1.19 (30.1)	2.69 (68.2)
20MAM4M16	SF250CX	SF1000CX	1.38 (34.9)	3.38 (85.7)
20MAM6M6	SF375CX	SF375CX	0.63 (15.9)	2.25 (57.1)
20MAM6M9	SF375CX	SF562CX	0.94 (23.8)	2.38 (60.3)
20MAM6M12	SF375CX	SF750CX	1.19 (30.1)	2.81 (71.4)
20MAM6M16	SF375CX	SF1000CX	1.38 (34.9)	3.38 (85.7)
20MAM9M9	SF562CX	SF562CX	0.94 (23.8)	2.50 (63.5)
20MAM9M12	SF562CX	SF750CX	1.19 (30.1)	3.00 (76.2)
20MAM9M16	SF562CX	SF1000CX	1.38 (34.9)	3.69 (93.72)
20MAM12M12	SF750CX	SF750CX	1.19 (30.1)	3.13 (79.3)
20MAM12M16	SF750CX	SF1000CX	1.38 (34.9)	3.81 (96.8)
20MAM16M4	SF1000CX	SF250CX	1.38 (34.9)	3.25 (82.6)
20MAM16M16	SF1000CX	SF1000CX	1.38 (34.9)	4.38 (111.1)



Medium-Pressure to High-Pressure Adapters

Catalog Number	Connection M/P	Connection H/P	Dimension inches (mm)	
			A Hex	B
20MAM4H4	SF250CX	F250C	0.63 (15.9)	1.75 (44.5)
20MAM4H6	SF250CX	F375C	0.81 (20.6)	2.13 (54.0)
20MAM4H9	SF250CX	F562C	1.19 (30.1)	2.63 (66.7)
20MAM6H4	SF375CX	F250C	0.63 (15.9)	1.94 (49.2)
20MAM6H6	SF375CX	F375C	0.81 (20.6)	2.38 (60.3)
20MAM6H9	SF375CX	F562C	1.19 (30.1)	2.69 (68.2)
20MAM9H4	SF562CX	F250C	0.81 (20.6)	2.25 (57.1)
20MAM9H6	SF562CX	F375C	0.81 (20.6)	2.56 (65.0)
20MAM9H9	SF562CX	F562C	1.19 (30.1)	2.94 (74.6)
20MAM12H4	SF750CX	F250C	1.19 (30.1)	2.63 (66.7)
20MAM12H6	SF750CX	F375C	1.19 (30.1)	2.88 (73.0)
20MAM12H9	SF750CX	F562C	1.19 (30.1)	3.00 (76.2)
20MAM16H4	SF1000CX	F250C	1.38 (34.9)	3.25 (82.6)
20MAM16H6	SF1000CX	F375C	1.38 (34.9)	3.50 (89.0)
20MAM16H9	SF1000CX	F562C	1.38 (34.9)	3.69 (93.6)



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

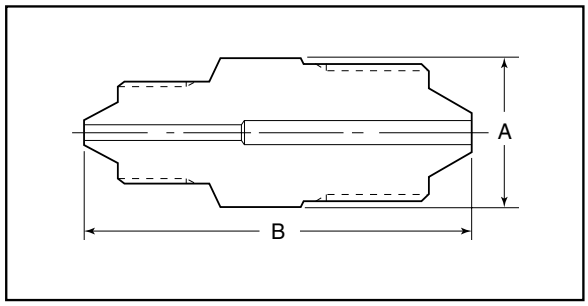
Note: For pressure rating see ordering procedure.
All Dimensions for reference only and subject to change.

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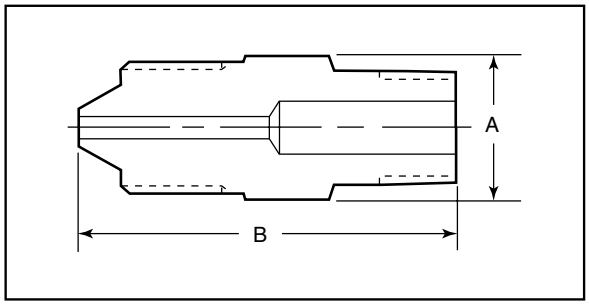
High-Pressure to High-Pressure Adapters

Catalog Number	Connection H/P	Connection H/P	Dimension inches (mm)	
			A Hex	B
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)



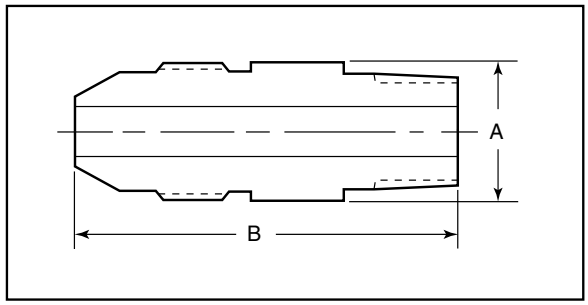
Low-Pressure to NPT Adapters

Catalog Number	Connection L/P	Connection NPT	Dimension inches (mm)	
			A Hex	B
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 Number	Connection M/P	Connection NPT	Dimension inches (mm)	
			A Hex	B
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.

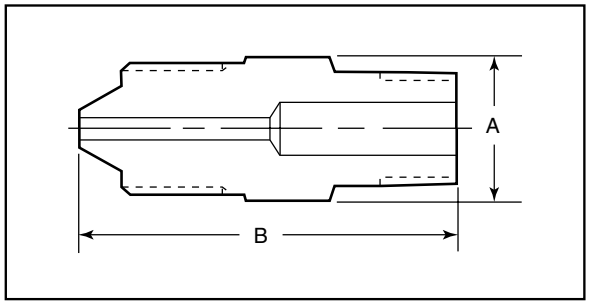
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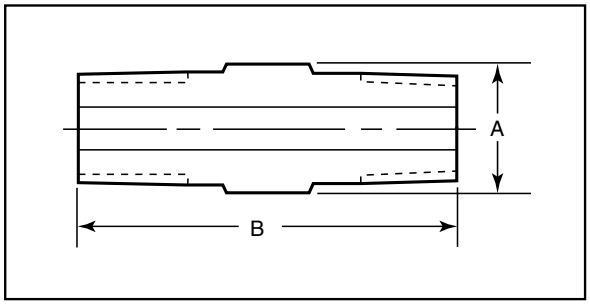
High-Pressure to NPT Adapters

Catalog Number	Connection H/P	Connection NPT	Dimension inches (mm)	
			A Hex	B
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)



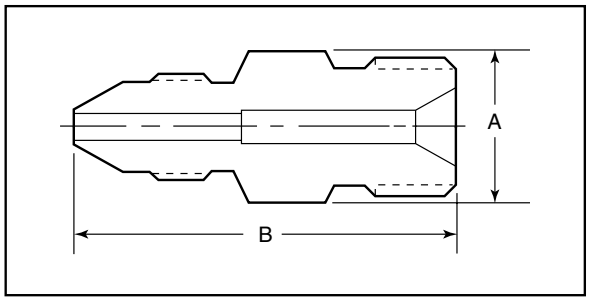
NPT to NPT Adapters

Catalog Number	Connection NPT	Connection NPT	Dimension inches (mm)	
			A Hex	B
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 Number	Connection M/P	Connection RH	Dimension inches (mm)	
			A Hex	B
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)



NOTE: NPT (Pipe) connections

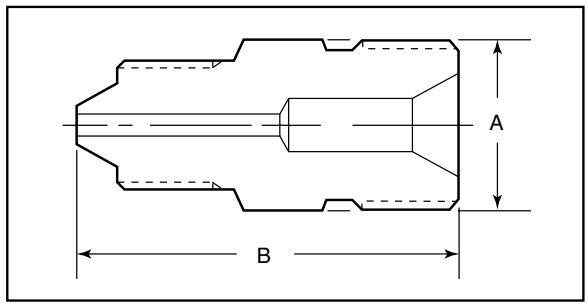
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- Sealing performance may vary based on many factors such as pressure, temperature, media, thread quality, thread material, proper thread engagement and proper use of thread sealant.
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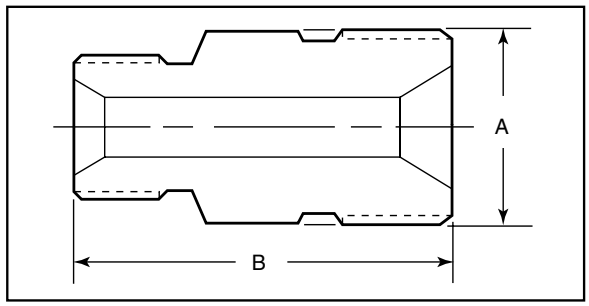
High-Pressure to Reverse High-Pressure Adapters

Catalog Number	Connection H/P	Connection RH	Dimension inches (mm)	
			A Hex	B
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)



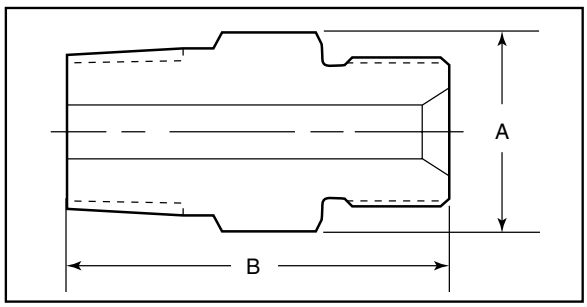
Reverse High-Pressure to Reverse High-Pressure Adapters

Catalog Number	Connection RH	Connection RH	Dimension inches (mm)	
			A Hex	B
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 Number	Connection NPT	Connection RH	Dimension inches (mm)	
			A Hex	B
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)



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.

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