



## Adapters and Couplings

Pressures to 152,000 psi (10,500 bar)

**MAXIMATOR** designs and manufactures a wide variety of adapters and couplings in an array of styles and sizes. The adapters in this section are considered standard and readily available. Other materials and configurations are available upon request.

### Adapters, Couplings & Accessories feature:

- ▶ Adapters & Couplings are 316 cold worked stainless steel material.
- ▶ Traceability is ensured by component laser etching, and through extensive documentation which includes: part number, pressure, material batch numbers, and connection type.
- ▶ Adapters are available in one or two-piece designs.
- ▶ Safety weep holes come standard on all pressure connections.
- ▶ All medium, high and ultra high pressure Adapters and Couplings come complete with glands and collars.

**MAXIMATOR** offers a complete line of standard high pressure adapters and couplings to compliment our valve line. Special design adapters and materials are available upon request.

**Note:** When selecting multiple items, the pressure rating would be that of the lowest rated component.

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Factory **MAXIMATOR GmbH**  
Walkenrieder Str. 15  
D-37449 Zorge / Germany  
Internet [www.maximator.de](http://www.maximator.de)

Telephone: ++49 5586 / 80 30  
Facsimile: ++49 5586 / 8 03 30 40  
eMail: [info@maximator.de](mailto:info@maximator.de)

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# MAXIMATOR®

## Adapters and Couplings

### Adapters (male to female)

#### Adapters (male to female)

MAXIMATOR male to female adapters allow the joining of male to female connections. The two connections can be a variety of tube or pipe connection types, with different size combinations possible. All adapters are made of 316 cold worked stainless steel material; other materials are available upon request. Glands and collars are included with each female tube connection.

#### Instructions

Find the male connection you want on the adapter in the "A" column and the female connection of the adapter in the "B" column. At the intersection of the two columns is the appropriate catalog number.



Pressure Series	Male Connection "A"			Female Connection "B"				
	Tube Size in.	Connection Type	Maximum Pressure psi (bar)*	Female Medium Pressure 21,000 psi (1,500 bar)				
				1/4" 4MF	3/8" 6MF	9/16" 9MF	3/4" 12MF	1" 16MF
Male Medium	1/4	4MM	21,000 (1,500)		21A4M6M	21A4M9M	21A4M12M	21A4M16M
	3/8	6MM	21,000 (1,500)	21A6M4M		21A6M9M	21A6M12M	21A6M16M
	9/16	9MM	21,000 (1,500)	21A9M4M	21A9M6M		21A9M12M	21A9M16M
	3/4	12MM	21,000 (1,500)	21A12M4M	21A12M6M	21A12M9M		21A12M16M
	1	16MM	21,000 (1,500)	21A16M4M	21A16M6M	21A16M9M	21A16M12M	
Male High	1/4	4HM	65,000 (4,500)	21A4H4M	21A4H6M	21A4H9M	21A4H12M	21A4H16M
	3/8	6HM	65,000 (4,500)	21A6H4M	21A6H6M	21A6H9M	21A6H12M	21A6H16M
	9/16	9HM	65,000 (4,500)	21A9H4M	21A9H6M	21A9H9M	21A9H12M	21A9H16M
Male Ultra High	5/16	5UM	152,000 (10,500)	21A5U4M	21A5U6M	21A5U9M	21A5U12M	21A5U16M
Male Pipe	1/8	MNPT	15,200 (1,050)	15A2P4M	15A2P6M	15A2P9M	15A2P12M	15A2P16M
	1/4	MNPT	15,200 (1,050)	15A4P4M	15A4P6M	15A4P9M	15A4P12M	15A4P16M
	3/8	MNPT	15,200 (1,050)	15A6P4M	15A6P6M	15A6P9M	15A6P12M	15A6P16M
	1/2	MNPT	15,200 (1,050)	15A8P4M	15A8P6M	15A8P9M	15A8P12M	15A8P16M
	3/4	MNPT	15,200 (1,050)	15A12P4M	15A12P6M	15A12P9M	15A12P12M	15A12P16M
	1	MNPT	15,200 (1,050)	15A16P4M	15A16P6M	15A16P9M	15A16P12M	15A16P16M
Male British Standard Pipe	1/8	MBSP	15,200 (1,050)	15A2B4M	15A2B6M	15A2B9M	15A2B12M	15A2B16M
	1/4	MBSP	15,200 (1,050)	15A4B4M	15A4B6M	15A4B9M	15A4B12M	15A4B16M
	3/8	MBSP	15,200 (1,050)	15A6B4M	15A6B6M	15A6B9M	15A6B12M	15A6B16M
	1/2	MBSP	15,200 (1,050)	15A8B4M	15A8B6M	15A8B9M	15A8B12M	15A8B16M
	3/4	MBSP	15,200 (1,050)	15A12B4M	15A12B6M	15A12B9M	15A12B12M	15A12B16M
	1	MBSP	15,200 (1,050)	15A16B4M	15A16B6M	15A16B9M	15A16B12M	15A16B16M

\* The pressure rating of any adapter is the value of the lowest rated connection in the fitting. Note: All Maximator adapters come standard in the "one-piece" design style. Adapters with the two piece design are available by adding a suffix -2P after the part numbers listed above. Both designs are identical in length, and are interchangeable with each other.

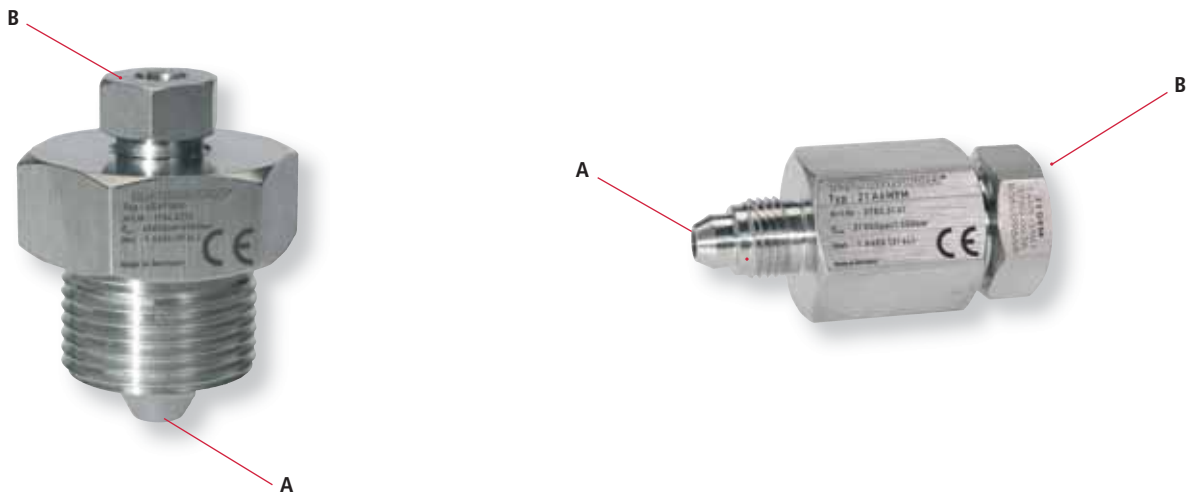
**Adapters and Couplings**  
 Medium Pressure  
 to 21,000 psi (1,500 bar)

**Accessories**  
 High Pressure  
 to 65,000 psi (4,500 bar)

**Tools and Installation**  
 Ultra High Pressure  
 to 152,000 psi (10,500 bar)

**Technical Information**  
 Valve Actuators

**Ball Valves**  
 to 21,000 psi (1,500 bar)



Female Connection "B"																	
Female High Pressure 65,000 psi (4,500 bar)				Female Ultra-High Pressure 152,000 psi (10,500 bar)	Female Pipe 15,200 psi (1,050 bar)						Female British Standard Pipe 15,200 psi (1,050 bar)						
1/4" 4HF	3/8" 6HF	9/16" 9HF	5/16" 5UF		1/8" FNPT	1/4" FNPT	3/8" FNPT	1/2" FNPT	3/4" FNPT	1" FNPT		1/8" FBSP	1/4" FBSP	3/8" FBSP	1/2" FBSP	3/4" FBSP	1" FBSP
21A4M4H	21A4M6H	21A4M9H	21A4M5U		15A4M2P	15A4M4P	15A4M6P	15A4M8P	15A4M12P	15A4M16P		15A4M2B	15A4M4B	15A4M6B	15A4M8B	15A4M12B	15A4M16B
21A6M4H	21A6M6H	21A6M9H	21A6M5U		15A6M2P	15A6M4P	15A6M6P	15A6M8P	15A6M12P	15A6M16P		15A6M2B	15A6M4B	15A6M6B	15A6M8B	15A6M12B	15A6M16B
21A9M4H	21A9M6H	21A9M9H	21A9M5U		15A9M2P	15A9M4P	15A9M6P	15A9M8P	15A9M12P	15A9M16P		15A9M2B	15A9M4B	15A9M6B	15A9M8B	15A9M12B	15A9M16B
21A12M4H	21A12M6H	21A12M9H	21A12M5U		15A12M2P	15A12M4P	15A12M6P	15A12M8P	15A12M12P	15A12M16P		15A12M2B	15A12M4B	15A12M6B	15A12M8B	15A12M12B	15A12M16B
21A16M4H	21A16M6H	21A16M9H	21A16M5U		15A16M2P	15A16M4P	15A16M6P	15A16M8P	15A16M12P	15A16M16P		15A16M2B	15A16M4B	15A16M6B	15A16M8B	15A16M12B	15A16M16B
	65A4H6H	65A4H9H	65A4H5U		15A4H2P	15A4H4P	15A4H6P	15A4H8P	15A4H12P	15A4H16P		15A4H2B	15A4H4B	15A4H6B	15A4H8B	15A4H12B	15A4H16B
	65A6H4H	65A6H9H	65A6H5U		15A6H2P	15A6H4P	15A6H6P	15A6H8P	15A6H12P	15A6H16P		15A6H2B	15A6H4B	15A6H6B	15A6H8B	15A6H12B	15A6H16B
	65A9H4H	65A9H6H	65A9H5U		15A9H2P	15A9H4P	15A9H6P	15A9H8P	15A9H12P	15A9H16P		15A9H2B	15A9H4B	15A9H6B	15A9H8B	15A9H12B	15A9H16B
	65A5U4H	65A5U6H	65A5U9H		15A5U2P	15A5U4P	15A5U6P	15A5U8P	15A5U12P	15A5U16P		15A5U2B	15A5U4B	15A5U6B	15A5U8B	15A5U12B	15A5U16B
	15A2P4H	15A2P6H	15A2P9H	15A2P5U													
	15A4P4H	15A4P6H	15A4P9H	15A4P5U													
	15A6P4H	15A6P6H	15A6P9H	15A6P5U													
	15A8P4H	15A8P6H	15A8P9H	15A8P5U													
	15A12P4H	15A12P6H	15A12P9H	15A12P5U													
	15A16P4H	15A16P6H	15A16P9H	15A16P5U													
	15A2B4H	15A2B6H	15A2B9H	15A2B5U													
	15A4B4H	15A4B6H	15A4B9H	15A4B5U													
	15A6B4H	15A6B6H	15A6B9H	15A6B5U													
	15A8B4H	15A8B6H	15A8B9H	15A8B5U													
	15A12B4H	15A12B6H	15A12B9H	15A12B5U													
	15A16B4H	15A16B6H	15A16B9H	15A16B5U													

\* The pressure rating of any adapter is the value of the lowest rated connection in the fitting.

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**Adapters and Couplings**  
 Medium Pressure  
 to 21,000 psi (1,500 bar)

**Accessories**  
 High Pressure  
 to 65,000 psi (4,500 bar)

**Tools and Installation**  
 Ultra High Pressure  
 to 152,000 psi (10,500 bar)

**Technical Information**  
 Valve Actuators

**Ball Valves**  
 to 21,000 psi (1,500 bar)

### Couplings (female to female)

MAXIMATOR couplings are female to female fittings that allow the joining of two different sizes and/or types of connections for a variety of size combinations. All couplings and adapters are made of 316 cold worked stainless steel material; other materials are available upon request. Glands and collars are included with each female tube connection.

### Instructions

Find the first connection you want in the "A" column and the other connection in the "B" column. At the intersection of the two columns is the appropriate catalog number.



Pressure Series	Female Connection "A"			Female Connection "B"				
	Tube Size in.	Connection Type	Maximum Pressure psi (bar)*	Female Medium Pressure 21,000 psi (1,500 bar)				
				1/4" 4MF	3/8" 6MF	9/16" 9MF	3/4" 12MF	1" 16MF
Female Medium	1/4	4MF	21,000 (1,500)	21F4M	21F4M6M	21F4M9M	21F4M12M	21F4M16M
	3/8	6MF	21,000 (1,500)		21F6M	21F6M9M	21F6M12M	21F6M16M
	9/16	9MF	21,000 (1,500)			21F9M	21F9M12M	21F9M16M
	3/4	12MF	21,000 (1,500)				21F12M	21F12M16M
	1	16MF	21,000 (1,500)					21F16M
Female High	1/4	4HF	65,000 (4,500)					
	3/8	6HF	65,000 (4,500)					
	9/16	9HF	65,000 (4,500)					
Female Ultra High	5/16	5UF	152,000 (10,500)					

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### Adapters (male to male)

MAXIMATOR male to male adapters allow the joining of two different sizes and/or types of tube or pipe female connections.

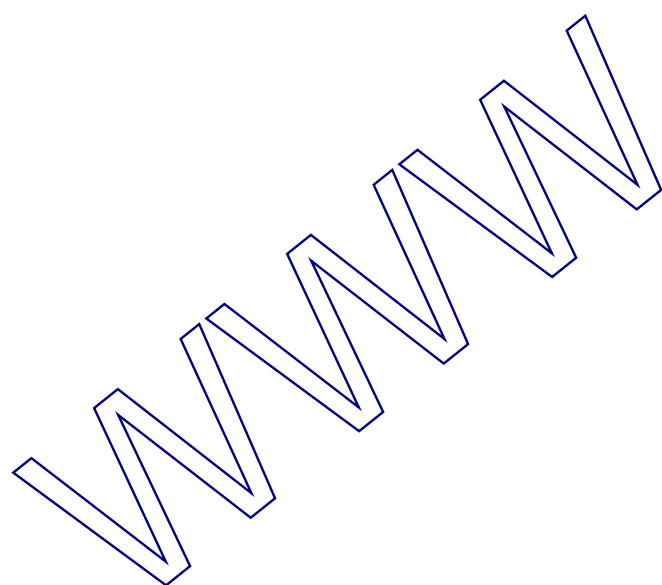


Pressure Series	Male Connection "A"			Male Connection "B"				
	Tube Size in.	Connection Type	Maximum Pressure psi (bar)*	Male Medium Pressure 21,000 psi (1,500 bar)				
				1/4" 4MM	3/8" 6MM	9/16" 9MM	3/4" 12MM	1" 16MM
Male Medium	1/4	4MM	21,000 (1,500)	21M4M	21M4M6M	21M4M9M	21M4M12M	21M4M16M
	3/8	6MM	21,000 (1,500)		21M6M	21M6M9M	21M6M12M	21M6M16M
	9/16	9MM	21,000 (1,500)			21M9M	21M9M12M	21M9M16M
	3/4	12MM	21,000 (1,500)				21M12M	21M12M16M
	1	16MM	21,000 (1,500)					21M16M
Male High	1/4	4HM	65,000 (4,500)					
	3/8	6HM	65,000 (4,500)					
	9/16	9HM	65,000 (4,500)					
Male Ultra High	5/16	5UM	152,000 (10,500)					

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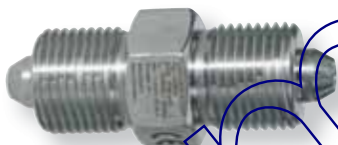
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Female Connection "B"																
Female High Pressure 65,000 psi (4,500 bar)			Female Ultra High Pressure 152,000 psi (10,500 bar)	Female Pipe 15,200 psi (1,050 bar)						Female British Standard Pipe 15,200 psi (1,050 bar)						
1/4" 4HF	3/8" 6HF	9/16" 9HF	5/16" 5UF	1/8" FNPT	1/4" FNPT	3/8" FNPT	1/2" FNPT	3/4" FNPT	1" FNPT		1/8" FBSP	1/4" FBSP	3/8" FBSP	1/2" FBSP	3/4" FBSP	1" FBSP
21F4M4H	21F4M6H	21F4M9H	21F4M5U	15F4M2P	15F4M4P	15F4M6P	15F4M8P	15F4M12P	15F4M16P		15F4M2B	15F4M4B	15F4M6B	15F4M8B	15F4M12B	15F4M16B
21F6M4H	21F6M6H	21F6M9H	21F6M5U	15F6M2P	15F6M4P	15F6M6P	15F6M8P	15F6M12P	15F6M16P		15F6M2B	15F6M4B	15F6M6B	15F6M8B	15F6M12B	15F6M16B
21F9M4H	21F9M6H	21F9M9H	21F9M5U	15F9M2P	15F9M4P	15F9M6P	15F9M8P	15F9M12P	15F9M16P		15F9M2B	15F9M4B	15F9M6B	15F9M8B	15F9M12B	15F9M16B
21F12M4H	21F12M6H	21F12M9H	21F12M5U	15F12M2P	15F12M4P	15F12M6P	15F12M8P	15F12M12P	15F12M16P		15F12M2B	15F12M4B	15F12M6B	15F12M8B	15F12M12B	15F12M16B
21F16M4H	21F16M6H	21F16M9H	21F16M5U	15F16M2P	15F16M4P	15F16M6P	15F16M8P	15F16M12P	15F16M16P		15F16M2B	15F16M4B	15F16M6B	15F16M8B	15F16M12B	15F16M16B
65F4H	65F4H6H	65F4H9H	65F4H5U	15F4H2P	15F4H4P	15F4H6P	15F4H8P	15F4H12P	15F4H16P		15F4H2B	15F4H4B	15F4H6B	15F4H8B	15F4H12B	15F4H16B
	65F6H	65F6H9H	65F6H5U	15F6H2P	15F6H4P	15F6H6P	15F6H8P	15F6H12P	15F6H16P		15F6H2B	15F6H4B	15F6H6B	15F6H8B	15F6H12B	15F6H16B
		65F9H	65F9H5U	15F9H2P	15F9H4P	15F9H6P	15F9H8P	15F9H12P	15F9H16P		15F9H2B	15F9H4B	15F9H6B	15F9H8B	15F9H12B	15F9H16B
			152F5U	15F5U2P	15F5U4P	15F5U6P	15F5U8P	15F5U12P	15F5U16P		15F5U2B	15F5U4B	15F5U6B	15F5U8B	15F5U12B	15F5U16B

\* The pressure rating of any adapter is the value of the lowest rated connection in the fitting.



Male Connection "B"																
Male High Pressure 65,000 psi (4,500 bar)			Male Ultra High Pressure 152,000 psi (10,500 bar)	Male Pipe 15,200 psi (1,050 bar)						Male British Standard Pipe 15,200 psi (1,050 bar)						
1/4" 4HM	3/8" 6HM	9/16" 9HM	5/16" 5OM	1/8" MNPT	1/4" MNPT	3/8" MNPT	1/2" MNPT	3/4" MNPT	1" MNPT		1/8" MBSP	1/4" MBSP	3/8" MBSP	1/2" MBSP	3/4" MBSP	1" MBSP
21M4M4H	21M4M6H	21M4M9H	21M4M5U	15M4M2P	15M4M4P	15M4M6P	15M4M8P	15M4M12P	15M4M16P		15M4M2B	15M4M4B	15M4M6B	15M4M8B	15M4M12B	15M4M16B
21M6M4H	21M6M6H	21M6M9H	21M6M5U	15M6M2P	15M6M4P	15M6M6P	15M6M8P	15M6M12P	15M6M16P		15M6M2B	15M6M4B	15M6M6B	15M6M8B	15M6M12B	15M6M16B
21M9M4H	21M9M6H	21M9M9H	21M9M5U	15M9M2P	15M9M4P	15M9M6P	15M9M8P	15M9M12P	15M9M16P		15M9M2B	15M9M4B	15M9M6B	15M9M8B	15M9M12B	15M9M16B
21M12M4H	21M12M6H	21M12M9H	21M12M5U	15M12M2P	15M12M4P	15M12M6P	15M12M8P	15M12M12P	15M12M16P		15M12M2B	15M12M4B	15M12M6B	15M12M8B	15M12M12B	15M12M16B
21M16M4H	21M16M6H	21M16M9H	21M16M5U	15M16M2P	15M16M4P	15M16M6P	15M16M8P	15M16M12P	15M16M16P		15M16M2B	15M16M4B	15M16M6B	15M16M8B	15M16M12B	15M16M16B
65M4H	65M4H6H	65M4H9H	65M4H5U	15M4H2P	15M4H4P	15M4H6P	15M4H8P	15M4H12P	15M4H16P		15M4H2B	15M4H4B	15M4H6B	15M4H8B	15M4H12B	15M4H16B
	65M6H	65M6H9H	65M6H5U	15M6H2P	15M6H4P	15M6H6P	15M6H8P	15M6H12P	15M6H16P		15M6H2B	15M6H4B	15M6H6B	15M6H8B	15M6H12B	15M6H16B
		65M9H	65M9H5U	15M9H2P	15M9H4P	15M9H6P	15M9H8P	15M9H12P	15M9H16P		15M9H2B	15M9H4B	15M9H6B	15M9H8B	15M9H12B	15M9H16B
			152M5U	15M5U2P	15M5U4P	15M5U6P	15M5U8P	15M5U12P	15M5U16P		15M5U2B	15M5U4B	15M5U6B	15M5U8B	15M5U12B	15M5U16B

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