

Adapters/Couplings Male/Female Adapters

Male /female adapters are designed to adapt a female connection to another size and/or type of connection without the need for additional couplings. In selecting an adapter involving two different sized connections, the larger connection should be on the male end where it is possible to maximize the mechanical strength of the adapter.

To use this chart:

1. Locate MALE end in vertical column.
2. Locate desired FEMALE end of adapter across top of chart.
3. Catalog number of required adapter is located at intersection of columns.
4. For one piece adapter add-OP to suffix of part number

Other Adapters

Autoclave supplies many other types of adapters on special order. These include Autoclave UniVersa-Lok swaged-type connections, socketweld to O.D. tube or nominal pipe size, male or female AN connections and others.

Materials

All Autoclave adapters are precision machined from cold-worked Type 316 stainless steel. Other materials available on special order.

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

Connection Size and Type		SpeedBite				Medium Pressure					
		1/8" W125	1/4" SW250	3/8" SW375	1/2" SW500	1/4" SF250CX	3/8" SF375CX	9/16" SF562CX	3/4" SF750CX	1" SF1000CX	
	Fits this Female Connection	Pressure Rating PSI (bar) *	15,000 (1034.20)	15,000 (1034.20)	15,000 (1034.20)	10,000 (689.45)	20,000 (1378.93)	20,000 (1378.93)	20,000 (1378.93)	20,000 (1378.93)	20,000 (1378.93)
SpeedBite	1/8" W125	15,000 (1034.20)		6M24C2	6M26C2	4M28C2	6M24C6	6M26C6	6M29C6		
	1/4" SW250	15,000 (1034.20)	6M42D1		6M46D2	4M48D2	6M44D6	6M46D6	6M49D6	6M412D6	
	3/8" SW375	15,000 (1034.20)	6M62D1	6M64D2		4M68D2	6M64D6	6M66D6	6M69D6	6M612D6	6M616D6
	1/2" SW500	10,000 (689.46)	4M82D1	4M84D2	4M86D2		4M84D6	4M86D6	4M89D6	4M812D6	4M816D6
Medium Pressure	1/4" SF250CX	20,000 (1378.93)	15MX42K1	6MX44K2	6MX46K2	4MX48K2		20M46K6	20M49K6	20M412K6	20M416K6
	3/8" SF375CX	20,000 (1378.93)	15MX62K1	6MX64K2	6MX66K2	4MX68K2	20M64K6		20M69K6	20M612K6	20M616K6
	9/16" SF562CX	20,000 (1378.93)	15MX92K1	6MX94K2	6MX96K2	4MX98K2	20M94K6	20M96K6		20M912K6	20M916K6
	3/4" SF750CX	20,000 (1378.93)	15MX122K1	6MX124K2	4MX126K2	4MX128K2	20M124K6	20M126K6	20M129K6		20M1216K6
	1" SF1000CX	20,000 (1378.93)	15MX162K1	6MX164K2	6MX166K2	4MX168K2	20M164K6	20M166K6	20M169K6	20M1612K6	20M1616K6
High Pressure	1" F1000C43	43,000 (2964.69)									
	1/4" F250C	60,000 (4136.85)	15M42B1	6M44B2	6M46B2	4M48B2	20M44B6	20M46B6	20M49B6	20M412B6	
	5/16" F321C150	150,000 (10342.14)		6M54B2	6M56B2	4M58B2	20M54B6	20M56B6	20M59B6	20M512B6	
	3/8" F375C	60,000 (4136.85)	15M62B1	6M64B2	6M66B2	4M68B2	20M64B6	20M66B6	20M69B6	20M612B6	20M616B6
	9/16" F562C	60,000 (4136.85)	15M92B1	6M94B2	6M96B2	4M98B2	20M94B6	20M96B6	20M99B6	20M912B6	20M916B6
9/16" F562C40	40,000 (2757.90)								20M912G6		
Flat Top Flat Bottom	7/16" F437FB	10,000 (689.45)	15M72E1	6M74E2	6M76E2	4M78E2	15M74E6	15M76E6	15M79E6		
	9/16" F562FB	10,000 (689.45)	15M92E1	6M94E2	6M96E2	4M98E2	15M94E6	15M96E6	15M99E6	15M912E6	15M916E6
	9/16" F562FT	10,000 (689.45)	15M92R1	6M94R2	6M96R2	4M98R2	15M94R6	15M96R6	15M99R6	15M912R6	15M916R6
3/4" F750FB	10,000 (689.45)	15M122E1	6M124E2	6M126E2	4M128E2	15M124E6	15M126E6	15M129E6	15M1212E6	15M1216E6	
National Pipe Thread (NPT)	1/8" NPT	10,000 (689.45)	6M22N1	6M24N2	6M26N2	4M28N2	6M24N6	6M26N6	6M29N6		
	1/4" NPT	10,000 (689.45)	6M42N1	6M44N2	6M46N2	4M48N2	6M44N6	6M46N6	6M49N6	6M412N6	6M416N6
	3/8" NPT	10,000 (689.45)	6M62N1	6M64N2	6M66N2	4M68N2	6M64N6	6M66N6	6M69N6	6M612N6	6M616N6
	1/2" NPT	10,000 (689.45)	6M82N1	6M84N2	6M86N2	4M88N2	6M84N6	6M86N6	6M89N6	6M812N6	6M816N6
	3/4" NPT	10,000 (689.45)		6M124N2	6M126N2	4M128N2	6M124N6	6M126N6	6M129N6	6M1212N6	6M1216N6
	1" NPT	10,000 (689.45)			6M166N2	4M168N2		6M166N6	6M169N6	6M1612N6	6M1616N6

Note: All AE adapters are supplied complete with appropriate glands, collars, tube nuts and sleeves unless specified without.

* The maximum pressure rating for an adapter is determined by the connection component with the LOWEST pressure rating; that is, the two end connections and the tubing or pipe used, whichever is LOWER.

CAUTION: See appropriate pressure section in reference to proper selection of tubing.

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

