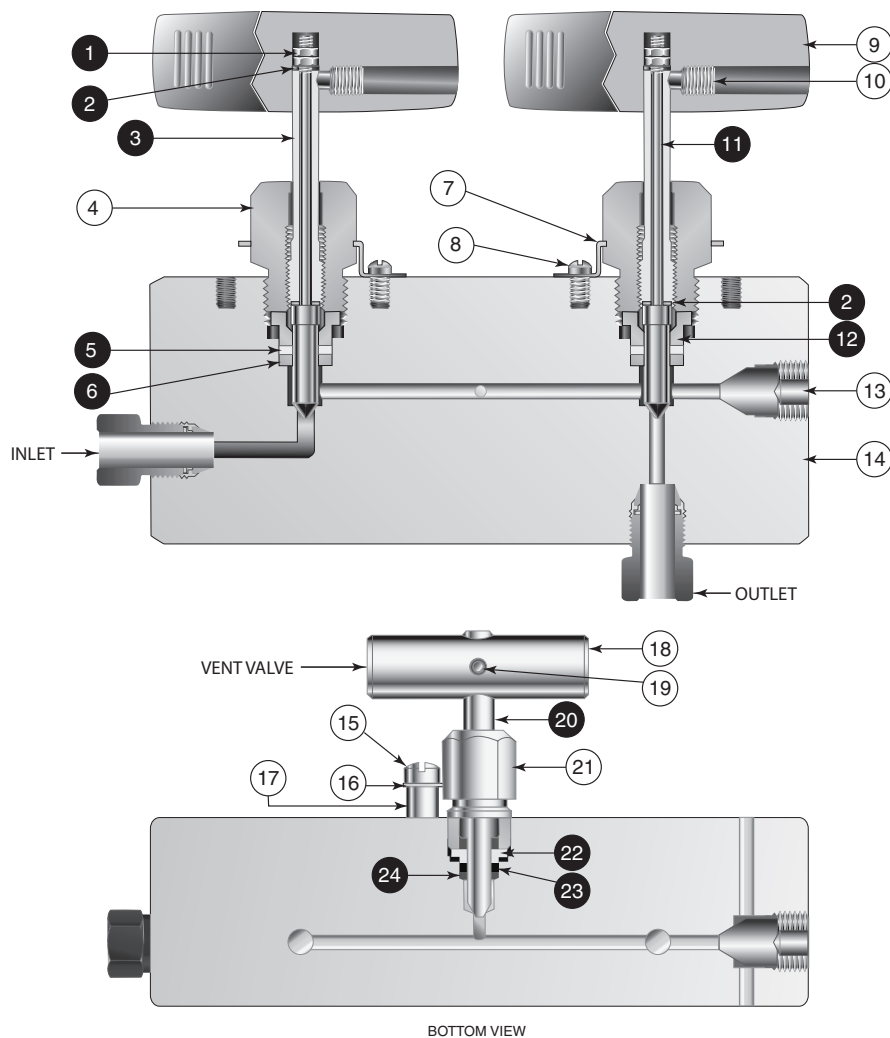


MADBN Series Double Block and Bleed Needle Valves



Material of Construction

Item#	Description	Material
①	Hex Nut	Stainless
②	Thrust Washer	17-4PH
③	Stem Sleeve	304 SS
4	Packing Gland	Ampco 45
⑤	Packing	PTFE
⑥	Bottom Washer	316 SS
7	Locking Device	302 SS
8	Pan Hd Screw 10-24 x 1/4"	18-8 SS
9	Handle	316 SS
10	Set Screw	Stainless
⑪	Stem	316 SS
⑫	Packing Washer	Ampco 45

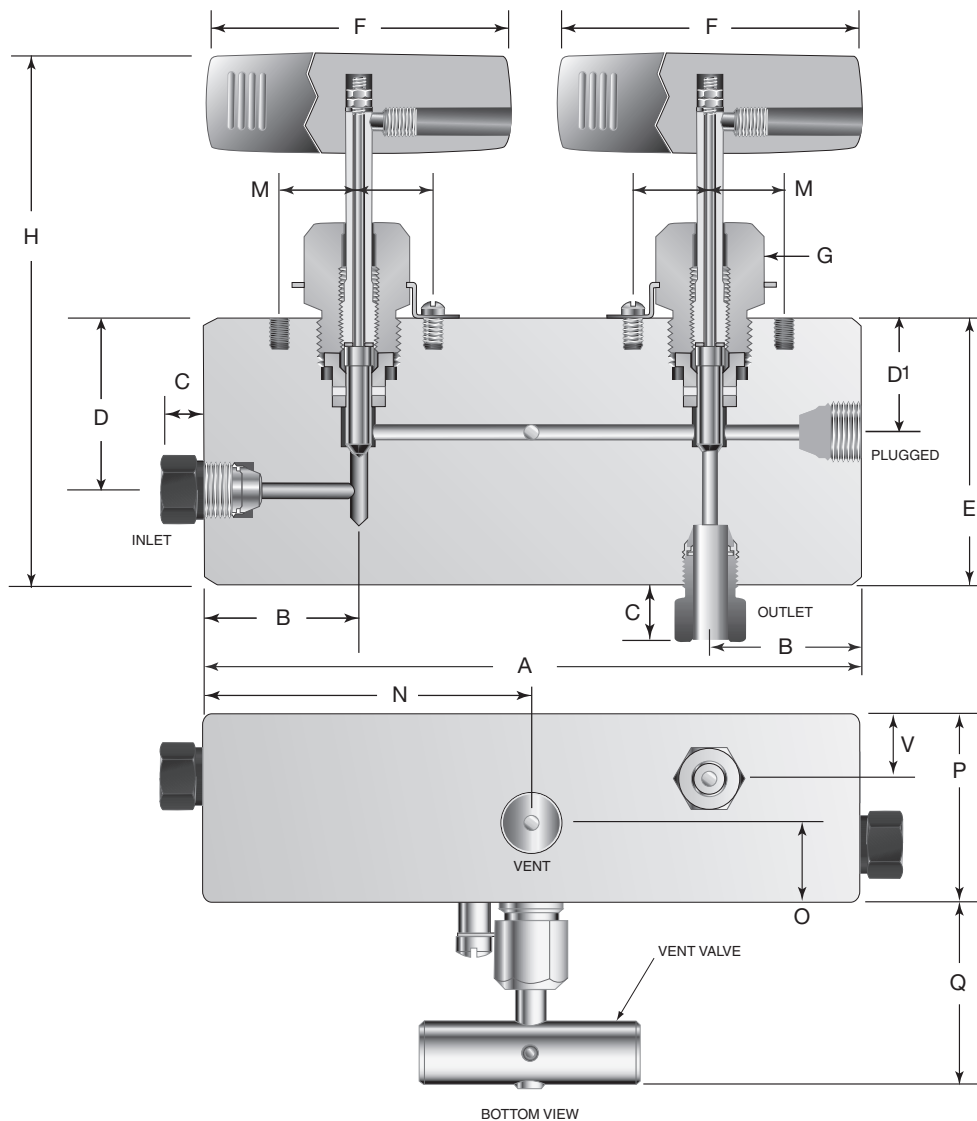
Item#	Description	Material
13	Flush Plug	316 SS
14	Body	316 SS
15	Pan Head Screw M3.5x.6x10mm	Stainless
16	Locking Device	316 SS
17	Spacer	316 SS
18	Handle	316 SS
19	Spring Pin	18-8 SS
⑳	Stem	316 SS
21	Packing Gland	316 SS
㉑	Packing Washer	Ampco 45
㉒	Packing	PTFE
㉓	Bottom Washer	316 SS

⑨ Typical spare parts found in Repair Kit

MADBN Series Double Block and Bleed Needle Valves

Parker Part No.	Pressure psi (bar)	Connection	Orifice inch (mm)	Dimensions - inches (mm)															
				A	B	C	D	D1	E	F	G	H	M	N	O	P	Q	V	
4MP7-MADBNLB-T-SS	15,000 (1034)	1/4" MPI	0.093 (2.36)	5.75 (146.05)	1.25 (31.75)	0.50 (12.70)	1.50 (38.10)	1.13 (28.70)	2.38 (60.45)	3.00 (76.20)	1.00 (25.40)	4.89 (124.21)	0.69 (17.53)	2.88 (73.15)	0.63 (16.00)	1.50 (38.10)	1.47 (37.34)	0.50 (12.70)	
6MP7-MADBNLB-T-SS	15,000 (1034)	3/8" MPI	0.093 (2.36)	6.00 (152.40)	1.38 (35.05)	0.63 (16.00)	1.50 (38.10)	1.13 (28.70)	2.38 (60.45)	3.00 (76.20)	1.00 (25.40)	4.89 (124.21)	0.69 (17.53)	3.00 (76.20)	0.63 (16.00)	1.50 (38.10)	1.47 (37.34)	0.50 (12.70)	
8MP7-MADBNLB-T-SS	15,000 (1034)	1/2" MPI	0.093 (2.36)	7.50 (190.50)	1.50 (38.10)	0.69 (17.53)	2.38 (60.45)	1.75 (44.45)	3.58 (90.93)	4.00 (101.60)	1.00 (25.40)	6.63 (168.40)	0.69 (17.53)	3.75 (95.25)	0.63 (16.00)	1.50 (38.10)	1.47 (37.34)	0.50 (12.70)	
9MP7-MADBNLB-T-SS	15,000 (1034)	9/16" MPI	0.093 (2.36)	7.50 (190.50)	1.50 (38.10)	0.75 (19.05)	2.38 (60.45)	1.75 (44.45)	3.58 (90.93)	4.00 (101.60)	1.00 (25.40)	6.63 (168.40)	0.69 (17.53)	3.75 (95.25)	0.63 (16.00)	1.50 (38.10)	1.47 (37.34)	0.50 (12.70)	

For 2507 Super Duplex option, replace -SS with -2507



Notes:

- G = Packing gland mounting hole drill size
- H = Dimension with stem in closed position
- All vent connections are 1/4" NPT