

NEEDLE VALVES

NEEDLE VALVE

Series NS (Straight Flow) & NA (90° Flow)

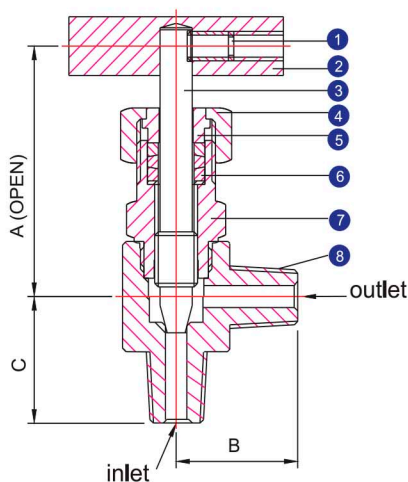


FEATURES

- PRESSURE 6000 PSI & 10000 PSI
- STRAIGHT AND ANGLE PORT CONFIGURATIONS
- DIFFERENT THREADED CONNECTIONS AVAILABLE
- MANUFACTURED IN ISO 9001 APPROVED FACILITY
- MATERIALS OF CONSTRUCTION CAN BE SUPPLIED TO MEET NACE MR 0175 AND API 607 REQUIREMENTS



NEEDLE VALVE- MALE / MALE



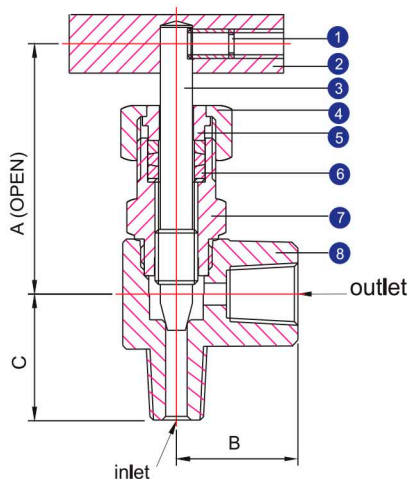
DIMENSION (INCHES)

SIZE	A	B	C
1/4"	2.95	1.14	1.14
3/8"	2.95	1.14	1.14
1/2"	3.43	1.34	1.34
3/4"	3.54	1.50	1.50
1"	4.06	1.77	1.77

MATERIAL LIST

NO.	PART NAME	MATERIAL
1	SET SCREW	SS 304
2	HANDLE	SS 410
3	STEM	SS 316
4	GLAND NUT	SS 304
5	GLAND	SS 304
6	PACKING	TEFLON
7	BONNET	CF8M
8	BODY	CF8M

NEEDLE VALVE- MALE / FEMALE



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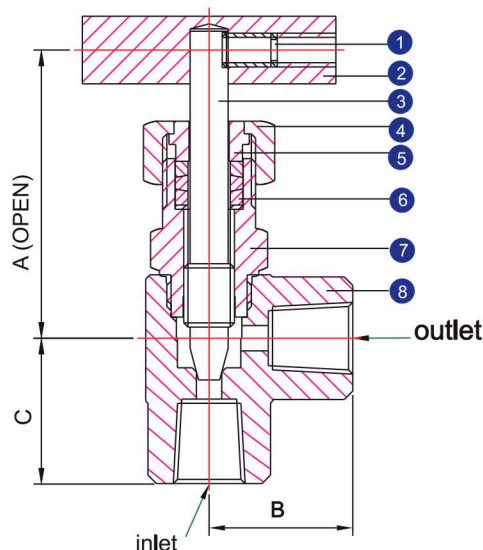
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NEEDLE VALVE- FEMALE / FEMALE



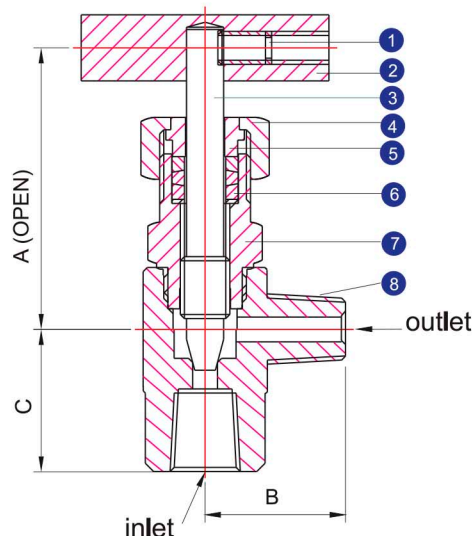
DIMENSION (INCHES)

SIZE	A	B	C
1/4"	2.95	1.14	1.14
3/8"	2.95	1.14	1.14
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NEEDLE VALVE- FEMALE / MALE



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1/4"	2.95	1.14	1.14
3/8"	2.95	1.14	1.14
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3/4"	3.54	1.50	1.50
1"	4.06	1.77	1.77

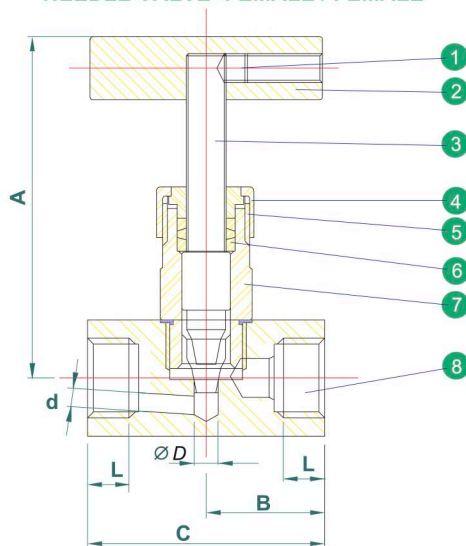
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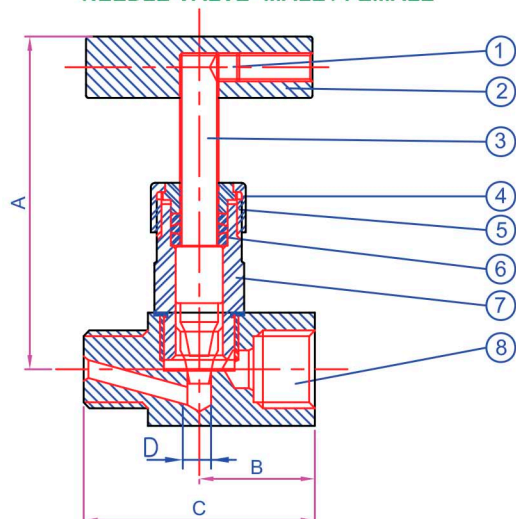
NEEDLE VALVE

NEEDLE VALVE- FEMALE / FEMALE

DIMENSION (INCHES)

SIZE	A	B	C	d	ØD	L
1/8"	2.95	1.14	2.28	0.16	0.20	0.39
1/4"	2.95	1.14	2.28	0.20	0.20	0.55
3/8"	2.95	1.14	2.28	0.20	0.20	0.55
1/2"	3.43	1.28	2.56	0.24	0.24	0.63
3/4"	3.54	1.38	2.76	0.24	0.24	0.71
1"	4.06	1.57	3.15	0.31	0.31	0.79

MATERIAL LIST

NO.	PART NAME	MATERIAL
1	SET SCREW	SS 304
2	HANDLE	SS 304
3	STEM	SS 316
4	GLAND NUT	SS 304
5	GLAND	SS 304
6	PACKING	TEFLON
7	BONNET	CF8M
8	BODY	CF8M

NEEDLE VALVE- MALE / FEMALE

DIMENSION (INCHES)

SIZE	A	B	C	D
1/4"	2.95	1.14	2.36	0.20
3/8"	2.95	1.14	2.36	0.20
1/2"	3.43	1.28	2.76	0.24
3/4"	3.54	1.38	2.95	0.24
1"	4.06	1.57	3.35	0.31

MATERIAL LIST

NO.	PART NAME	MATERIAL
1	SET SCREW	SS 304
2	HANDLE	SS 304
3	STEM	SS 316
4	GLAND NUT	SS 304
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HOW TO ORDER

CLASS	VALVE BODY DESIGN (SERIES)	FEATURES	MATERIAL		ENDS	SIZE
			BODY	TRIM (Stem & Seat)		
4 6000#	NS NEEDLE STRAIGHT VALVES	NONE NONE	2 A105	3 316SS	MM Threaded (MALE-MALE)	0.18 1/8" ⁽¹⁾
5 10000#			3 CF8M			0.25 1/4"
	NA NEEDLE 90° VALVES	F FIRE SAFE			MF Threaded (Male-Female)	0.38 3/8"
						0.5 1/2"
		G NACE + FIRE SAFE			FF Threaded (Female-Female)	0.75 3/4"
						01 1"
					FM Threaded (Female-Male)	

Example

Needle Straight Valve, Body CF8M, Trim 316SS, Threaded Female- Female, Class 6000# Size 1/4".

5NS33FF0.25

(1) Available for series 60NS33FF & 60NA33FF Only.

