



GV8 type gauge valve is a block and bleed needle pattern gauge valve with specially designed integral bleed of M8. Ideal for use on applications requiring bleeding or venting of media. Self centering needle non-rotating, on the valve seat. The conical metal tip (stem type CT) press fitted ensures perfect alignment for positive bubble tight shut-off. Standard end connections are male inlet and female outlet or female inlet and female outlet from 1/4" to 3/4".

### Applications

- Installation of instrument and gauge
- isolation of Instrument
- Venting of Instrument
- Liquid and vapor service

### Technical specifications

Design Pressure	: 6000 PSI
Max temp.	: 240°C
Material	: Stainless Steel
Stem	: (CT) Conical tip
Gland Packing	: PTFE
Bleed Feature	: M8 bleed plug controlling the bleed port to relieve pressure trapped between shut-off valve & instrument.

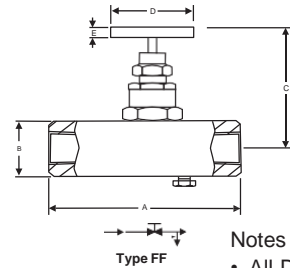
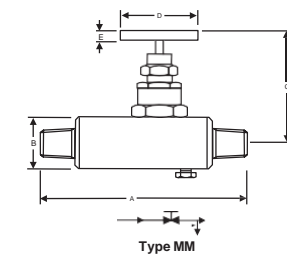
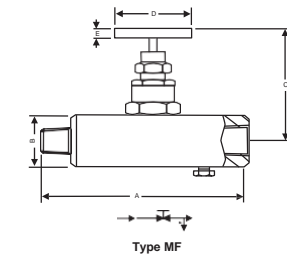
Size	Type	Body dimensions		Height (open) C	Handle D	Handle OD E
		A	B			
1/4"	FxF	65	24.5	65	40	10
	MxF	71	24.5	65	40	10
	MxM	80	24.5	65	40	10
3/8"	FxF	65	24.5	65	40	10
	MxF	71	24.5	65	40	10
	MxM	80	24.5	65	40	10
1/2"	FxF	74.5	31.5	80	55	11.7
	MxF	82.5	31.5	80	55	11.7
	MxM	88.5	31.5	80	55	11.7
3/4"	FxF	74.5	38	88	55	11.7
	MxF	82.5	38	88	55	11.7
	MxM	88.5	38	88	55	11.7

All dimensions are in mm.

#### Optional:

GV 10 - High pressure valves for 10,000 psi pressure (Refer GV10 data sheet)

Note : Other combination sizes available on request.  
Please contact us for more details.



Notes : • Drawings are not to scale.  
• All Dimensions are in mm.

**How To Order**

Body Material	Stem Packing	Size = P x P1	Connections (inlet x outlet)	Threads
S = SS 316	P = PTFE	24 = 1/4" x 1/4"	FF = Female x Female	N = NPT (ANSI B 1.20.1)
S4 = SS 304	G = Grafoil	33 = 3/8" x 3/8"	MF = Male x Female	P = BSPP (BS 2779, ISO 228/1)
SL = SS 316L		44 = 1/2" x 1/2"	MM = Male x Male	B = BSPT (BS 21, ISO 7/1)
M4 = Monel 400		66 = 3/4" x 3/4"		
H = Hastelloy C				
D = Duplex SS (2205)				
SD = Super Duplex SS (2507)				

**Options**

- TF** : Compliance to NACE standard
- SG** : For Oxygen service, valves are supplied cleaned, degreased and suitably packed.
- GH** : Material test certificate
- GO** : Hydro test certificate
- D4** : 1/4" NPT (M) Drain Plug instead of M8 bleed
- BLD4** : Bleeder 1/4" NPT (Male)

\* Material test certificate will be provided for wetted parts only with chemical composition testing. For others, please consult factory.

**Example**

To place an order simply refer to the codes in the table.

Valve Type : Body Material + Stem Packing + Size + Connections + Threads + Options

GV8 + S + P + 44 + MF + N = GV8 . S . P . 44 . MF . N . Options

**Standard Valve Materials**

Valve	Body	Bonnet	Stem	Tip
Stainless Steel	SS 316	SS 316	SS 316	SS 316
Monel	Monel	Monel	Monel	Monel



Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing .  
Modifications may take place and materials specified may be replaced by others without prior notice.