

NEEDLE VALVES

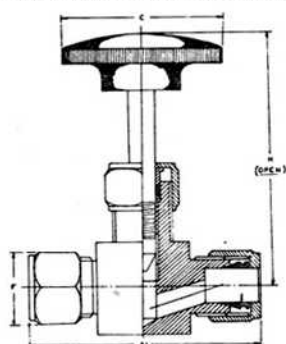
Universal Needle Valves ensures easy installation on fluid line connections in services such as air, gases, liquids, steam, etc. used in industries namely, chemical plants, hydraulics, instrumentations, laboratories, paper mills, process control systems in power plants, refineries and other industrial establishments, in a way, Needle Valve body is made from brass/carbon steel/SS304/SS316, needle of SS304/SS316, seal material of nitrile/viton/silicon, adjustable knob of aluminium epoxy powder coated with end connections as per requirements, suitable to withstand working pressures from 3000psi to 6000psi and temperature upto 250°C with proper selection of body and seal materials.

RANGE

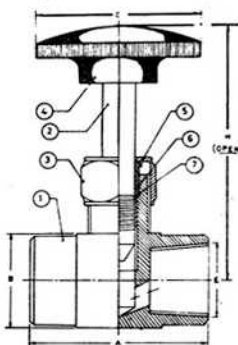
- Bar Stock Body Type.
- Forged Body Type.
- Straight Pattern (in either body type).
- Angle Pattern (in either body type).
- Sizes : 1/8" (3mm) to 1" (25mm).

End Connections :Screwed to BSP/BSPT/NPT, socket welding, double ferrule tube fitting.

Sectional View & Dimension Details



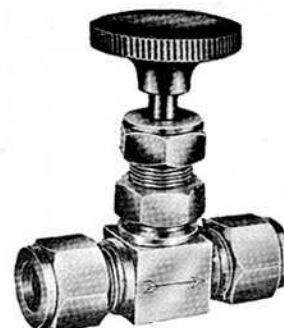
Sr. No.	DESCRIPTION	QTY.
1	BODY	1 NO
2	STEM	1 NO
3	GLAND NUT	1 NO
4	HANDLE	1 NO
5	GLAND	1 NO
6	TEFLON PACKING	1 NO
7	PACKING WASHER	1 NO



Sr. No.	Size E	Orifice in mm	A in mm	B(SQ) in mm	C in mm	H Open in mm	A1 in mm	F A/F in mm
1.	1/8" NPT	2.35	36	15	28	50	57	11.0
2.	1/4" NPT	3.95	44	19	34	55	57	14.2
3.	3/8" NPT	5.55	50	25	34	60	65	17.5
4.	1/2" NPT	7.95	57	30	55	75	75	22.0
5.	3/4" NPT	11.00	68	32	55	85	85	28.0
6.	1" NPT	12.70	77	40	70	100	100	38.0

Minimum Information Required While Sending Enquiry/Order

1. Needle Valve type, i.e. bar stock body or forged body.
2. Pattern i.e. straight or angle.
3. Size i.e. 1/8" or 1/2" & so on.
4. Body material i.e. brass or SS304 & so on.
5. Seal material i.e. nitrile or viton & so on.
6. End connections configuration.
7. Working pressure in psi or kg/cm².
8. Temp. range.
9. Application.
10. Quantity in nos.



*Low operating torque
St. steel stems in all valves
Rugged body.*

