

## SCREWED BONNET NEEDLE VALVE 6000PSI

### Model : Series NV10

- **Body Material**  
ASTM A351 CF8M, 1.4408  
ASTM A216 WCB, 1.0619  
Barstock material available upon request
- **Size Range**  
1/4" - 1" (DN8-DN25)
- **Pressure Rating**  
6000 psig (413 bar)
- **End Connection**  
Female thread, male thread  
Pipe butt weld, pipe sock weld  
Tube butt weld, tube socket weld  
Tube fitting - Lok-type  
Mixed end connections are available
- **Flow Patterns:**  
Available in straight and angle flow patterns
- **Temperature Range:**  
PTFE: -20°C ~ +180°C (-4°F~356°F)  
PEEK: -20°C ~ +240°C (-4°F~464°F)  
GRAFOIL: -20°C ~ +450°C (-4°F~842°F)
- **Operation Type:**  
T-handle as standard, handwheel optional
- **Stem Options:**  
V-tip stem as standard  
Non-rotating v-tip stem for high cycle applications may be available
- **Features:**  
Designed for use in general purpose applications to isolate or vent system media  
Live loaded packing system and packing nut enable easy external adjustment  
Low operation torque  
V-tip stem as standard, non-rotating stem may be available upon request  
Customized options may be available upon request



#### Materials List:

NO.	PART NAME	MATERIAL
1	SET SCREW	SS304
2	HANDLE	SS410
3	STEM	SS316
4	GLAND NUT	SS304
5	GLAND	SS304
6	PACKING	PTFE
7	BONNET	ASTM A-351 CF8M
8	BODY	ASTM A-351 CF8M

#### Dimensions (mm):

SIZE		H	L	L1
in	DN			
1/8"	6	75	58	29
1/4"	8	75	58	29
3/8"	10	75	58	29
1/2"	15	87	65	32.5
3/4"	20	90	70	35
1"	25	103	80	40
1-1/4"	32	108	90	45
1-1/2"	40	115	100	50
2"	50	121	110	55

