



## Description & Features:

- Excellent flow regulation and leak tight
- The one-piece body construction (no welding) provides strength, safety and corrosion resistance
- "Slow opening" prevents sudden pressure surge and instrument damage
- Materials include carbon steel, carbon steel NACE, stainless steel, stainless steel NACE
- Available in Hard Seat (up to 6,000 and 10,000 psi)
- ASME B1.20.1 compliant
- CRN pending
- 1 year warranty

## Applications:

- Oil and gas installations including refineries and processing plants

## Straight Body Order Codes

NPT Connection	Material	Max. Pressure	Code
1/4" Female x 1/4" Female	Carbon Steel	6,000 psi	NVA5020
		10,000 psi	NVA6020
1/4" Male x 1/4" Female		6,000 psi	NVA5000
		10,000 psi	NVA6000
1/2" Female x 1/2" Female		6,000 psi	NVA5021
		10,000 psi	NVA6021
1/2" Male x 1/2" Female		6,000 psi	NVA5001
		10,000 psi	NVA6001
3/4" Female x 1/2" Female		6,000 psi	NVA5022
		10,000 psi	NVA6022
3/4" Male x 1/2" Female		6,000 psi	NVA5002
		10,000 psi	NVA6002
1" Female x 1" Female		6,000 psi	NVA5023
		10,000 psi	NVA6023
1" Male x 1" Female		6,000 psi	NVA5003
		10,000 psi	NVA6003
1/4" Female x 1/4" Female	Stainless Steel	6,000 psi	NVA2020
		10,000 psi	NVA3020
1/4" Male x 1/4" Female		6,000 psi	NVA2000
		10,000 psi	NVA3000
1/2" Female x 1/2" Female		6,000 psi	NVA2021
		10,000 psi	NVA3021
1/2" Male x 1/2" Female		6,000 psi	NVA2001
		10,000 psi	NVA3001
3/4" Female x 1/2" Female		6,000 psi	NVA2022
		10,000 psi	NVA3022
3/4" Male x 1/2" Female		6,000 psi	NVA2002
		10,000 psi	NVA3002
1" Female x 1" Female		6,000 psi	NVA2023
		10,000 psi	NVA3023
1" Male x 1" Female	6,000 psi	NVA2003	
	10,000 psi	NVA3003	

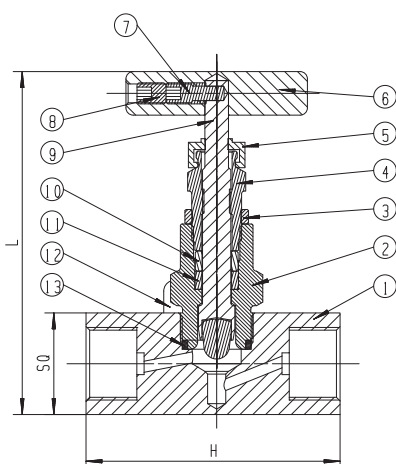
## Straight Body NACE Order Codes

NPT Connection	Material	Max. Pressure	Code
1/4" Female x 1/4" Female	Carbon Steel (NACE Tip)	6,000 psi	NVA5120
		10,000 psi	NVA6120
1/4" Male x 1/4" Female		6,000 psi	NVA5100
		10,000 psi	NVA6100
1/2" Female x 1/2" Female		6,000 psi	NVA5121
		10,000 psi	NVA6121
1/2" Male x 1/2" Female		6,000 psi	NVA5101
		10,000 psi	NVA6101
3/4" Female x 1/2" Female		6,000 psi	NVA5122
		10,000 psi	NVA6122
3/4" Male x 1/2" Female		6,000 psi	NVA5102
		10,000 psi	NVA6102
1" Female x 1" Female		6,000 psi	NVA5123
		10,000 psi	NVA6123
1" Male x 1" Female		6,000 psi	NVA5103
		10,000 psi	NVA6103
1/4" Female x 1/4" Female	Stainless Steel NACE	6,000 psi	NVA2120
		10,000 psi	NVA3120
1/4" Male x 1/4" Female		6,000 psi	NVA2100
		10,000 psi	NVA3100
1/2" Female x 1/2" Female		6,000 psi	NVA2121
		10,000 psi	NVA3121
1/2" Male x 1/2" Female		6,000 psi	NVA2101
		10,000 psi	NVA3101
3/4" Female x 1/2" Female		6,000 psi	NVA2122
		10,000 psi	NVA3122
3/4" Male x 1/2" Female		6,000 psi	NVA2102
		10,000 psi	NVA3102
1" Female x 1" Female		6,000 psi	NVA2123
		10,000 psi	NVA3123
1" Male x 1" Female	6,000 psi	NVA2103	
	10,000 psi	NVA3103	

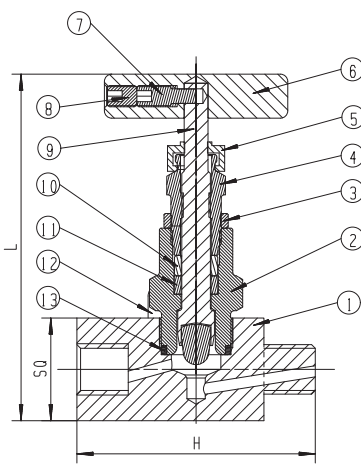
## Material

Description	Component Number	Carbon Steel Non-NACE	Carbon Steel NACE	Stainless Steel Non-NACE	Stainless Steel NACE
Body	1	Carbon Steel	316 SS NACE	316 SS	316 SS NACE
Bonnet	2	Carbon Steel	316 SS NACE	316 SS	316 SS NACE
Adapter Locknut	3	Carbon Steel	Carbon Steel	304 SS	304 SS
Adapter	4	316 SS	316 SS NACE	316 SS	316 SS NACE
Dustcap	5	Nylon	Nylon	Nylon	Nylon
Handle	6	Carbon Steel	Carbon Steel	304 SS	304 SS
Screw	7	Carbon Steel	Carbon Steel	304 SS	304 SS
Fastening Screw	8	Carbon Steel	Carbon Steel	304 SS	304 SS
Needle / Needle Tip	9	316 SS	316 SS NACE	316 SS	316 SS NACE
Gland Washer	10	Carbon Steel	Carbon Steel	304 SS	304 SS
Gland Packing	11	Teflon®/Graphite	Teflon®/Graphite	Teflon®/Graphite	Teflon®/Graphite
Dwell Pin	12	Carbon Steel	Carbon Steel	304 SS	304 SS
Gland Packing	13	Teflon®/Graphite	Teflon®/Graphite	Teflon®/Graphite	Teflon®/Graphite

## Female x Female



## Male x Female



## Dimensions

Size	H	L	SQ
1/4" Female x 1/4" Female	2.56" (65mm)	3.72" (95mm)	1.10" (28mm)
1/4" Male x 1/4" Female	2.56" (65mm)	3.72" (95mm)	1.10" (28mm)
1/2" Female x 1/2" Female	2.76" (70mm)	3.72" (95mm)	1.10" (28mm)
1/2" Male x 1/2" Female	2.76" (70mm)	3.72" (95mm)	1.10" (28mm)
3/4" Female x 1/2" Female	2.83" (72mm)	3.88" (99mm)	1.26" (32mm)
3/4" Male x 1/2" Female	2.76" (70mm)	3.72" (95mm)	1.10" (28mm)
1" Female x 1" Female	3.22" (82mm)	4.17" (106mm)	1.57" (40mm)
1" Male x 1" Female	3.22" (82mm)	4.17" (106mm)	1.57" (40mm)