

# Kerotest Needle and Gauge Valves

## N20 In-Line Union Bonnet Needle Valve

### Features

- Metal to Metal Back Seat
- Repack in Open or Closed Position
- Ideal Where Danger of Fire Exists
- Prevents Flow Media from Entering Atmosphere When Open ( Back Seated ) or in the Closed Position



DESCRIPTION	Carbon Steel	Stainless Steel
Body	ASTM-A108 Gr. 1213 <sup>ac</sup>	ASTM-A182 Type F316
Stem	ASTM-A582 Type 416	ASTM-A582 Type 303 <sup>d</sup>
Packing Nut	ASTM-A108 Gr. 1213 <sup>a</sup>	ASTM-A582 Type 303
Bonnet	ASTM-A108 Gr. 1213 <sup>a</sup>	ASTM-A276 Type 316
Packing Washer	AISI-C1010 <sup>a</sup>	18 – 8 Stainless Steel
Packing	Garlock 127 AFP UTEX Style 1303	Garlock 127 AFP UTEX Style 1303
Handle	Carbon Steel <sup>b</sup>	Carbon Steel <sup>b</sup>
Union Nut	ASTM-A108 Gr. 1213 <sup>a</sup>	ASTM-A582 Type 416
Handle Nut	Plated Steel	Plated Steel
<b>a=Zinc Plated b=Yellow Zinc Plated c=A105 also available d=special trim available for sour gas service</b>		
GRAFOIL packing available upon request		



[www.kerotest.com](http://www.kerotest.com)

**Kerotest Manufacturing Corp.**

5500 Second Avenue  
Pittsburgh, PA 15207

Phone: 412-521-7688 Fax: 412-521-5990

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## N20 In-Line Union Bonnet Needle Valve

### Specifications:

- Female Pipe Ends per ANSI B1.20.1
- Socket Weld Ends per ANSI B16.11
- Max. Working Pressure 10,000 PSI @ 100 ° F
- Max. Temperature 750 ° F

Size	End-to-End	C/L to Top ( Open )	Handle	Weight ( lbs )
1/4 “	2 – 1/16 “	3 – 3/8 “	3 “	0.90
3/8 “ and 1/2 “	2 – 1/2 “	3 – 9/16 “	3 “	1.25
3/4 “	3 “	4 – 5/32 “	4 “	2
1 “	3 – 3/4 “	4 – 5/32 “	4 “	3.30

### Ordering Code:

Type		1/4" Part No.	3/8" Part No.	1/2" Part No.	3/4" Part No.	1" Part No.
Female-NPT	Carbon Steel	P-0N20-49-002	P-0N20-49-003	P-0N20-49-004	P-0N20-49-006	P-0N20-49-008
	316 Stainless	T-0N20-49-002	T-0N20-49-003	T-0N20-49-004	T-0N20-49-006	T-0N20-49-008
Socket Weld	Carbon Steel	P-0N20-96-002	P-0N20-96-003	P-0N20-96-004	P-0N20-96-006	P-0N20-96-008
	316 Stainless	T-0N20-96-002		T-0N20-96-004	T-0N20-96-006	T-0N20-96-008

**For H<sub>2</sub>S Service, Add -A07 to 316SS Part No.**



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