

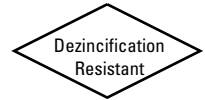
# Class 300 Bronze Angle Valves

Union bonnet • replaceable seat and full-plug disc

**300 PSI/20.7 bar saturated steam to 421°F/216°C**

**600 PSI/41.4 bar non-shock cold working pressure**

CONFORMS TO MSS SP-80

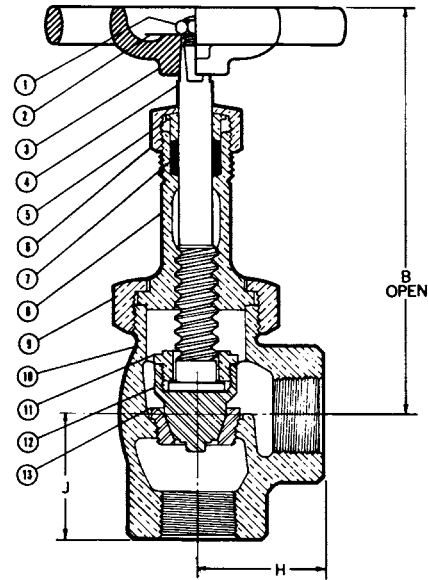


## MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	300 Series Stainless Steel
2. Identification Plate	Aluminum
3. Handwheel	Malleable Iron ASTM A 47
4. Stem	Silicon Bronze ASTM B 371 Alloy C69400/C69430
5. Packing Gland	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B16
6. Packing Nut	Bronze ASTM B 62 or ASTM B584 Alloy C84400 or Brass ASTM B16
7. Packing	Aramid Fibers with Graphite
8. Bonnet	Bronze ASTM B 61
9. Union Nut	Bronze ASTM B 61
10. Body	Bronze ASTM B 61
11. Disc Holder Nut	Bronze ASTM B 61
12. Plug Disc	S42000 Stainless Steel ASTM A 276 Hardened
13. Seat Ring	S42000 Stainless Steel ASTM A276 Hardened



**T-376-AP**  
Threaded



**T-376-AP**  
NPT x NPT

## DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions				Weight		Master Ctn. Qty.
	B		H & J		Lbs.	Kg.	
In. mm.	In.	mm.	In.	mm.			
†¼ 8	4.38	111	1.31	33	1.38	0.63	50
†⅜ 10	4.38	111	1.31	33	1.22	0.55	50
½ 15	4.88	124	1.38	35	1.81	0.82	25
¾ 20	5.75	146	1.69	43	2.78	1.26	20
1 25	7.00	178	2.00	51	4.62	2.10	10
1¼ 32	7.63	194	2.31	59	6.84	3.10	10
1½ 40	7.69	195	2.50	64	8.61	3.90	6
2 50	9.25	235	3.00	76	13.09	5.94	4

†No packing gland, packing only in these sizes.

**FREEZING WEATHER PRECAUTION:** Subsequent to testing a piping system, valves should be left in an open position to allow complete drainage.

◆For detailed Operating Pressure, refer to Pressure Temperature Chart on page 114.

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