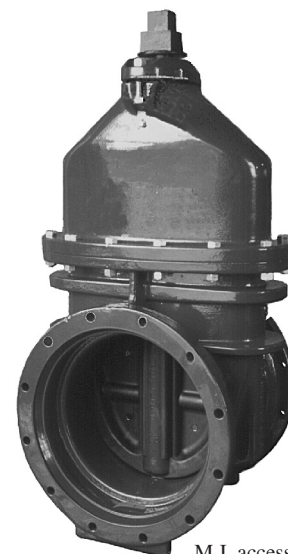


# 14"-48" T-USP1 RESILIENT WEDGE TAPPING VALVE - D.I. - M.J. X FL. ENDS



- Catalog number--  
**T-USP1-16** mechanical joint x flanged ends (with mechanical joint unassembled accessories)  
**T-USP1-19** mechanical joint x flanged ends (less mechanical joint accessories)
- Size-- 14", 16", 18", 20", 24", 30", 36", 42", 48"
- Certified to ANSI/NSF 61 standard
- Inlet flange complies with ANSI B16.1, class 125 drilling and with MSS SP-60.
- Flanged end dimensions and drilling comply with ANSI B16.1, class 125 (supplied without alignment lip)
- Mechanical joint end complies with ANSI/AWWA C111 Standard
- Ductile iron body with nominal 10 mils fusion epoxy coated interior and exterior surfaces; 42" and 48" valves coated with Themec liquid epoxy.
- Epoxy coating meets or exceeds all applicable requirements of ANSI/AWWA C550 Standard and is certified to ANSI/NSF 61
- Ductile iron wedge, symmetrical & fully encapsulated with molded rubber; no exposed iron
- Non-rising stem (NRS)
- Triple O-ring seal stuffing box (2 upper & 1 lower O-ring)
- 2" square wrench nut – open left or open right  
 30" - 48" require a Spur Gear or Bevel Gear
- 250 psig (1723 kPa) maximum working pressure, 500 psig (3447 kPa) static test pressure
- 14" and 16" sizes – UL Listed, FM Approved: 250 psig (1723 kPa)



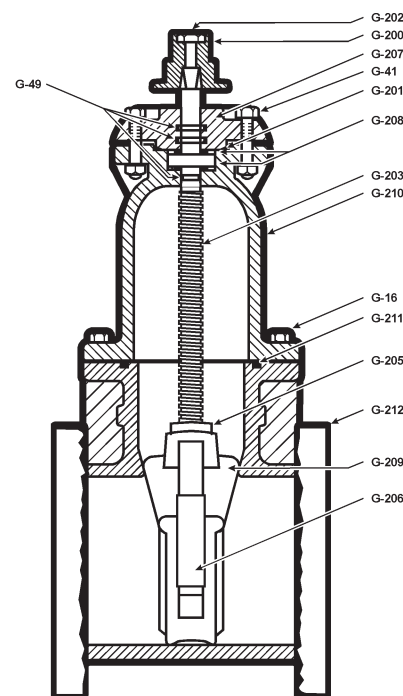
M.J. accessories shipped unassembled  
**T-USP1-16**

### Options

- Position indicators
- ASTM B98-C66100/H02 stem; 14"-16" ASTM B763-C99500; 18"-36"
- Stainless steel fasteners: Type 304, Type 316
- Bypass 18" - 48" (2" on 18" - 20"; 2.5 on 24"; 3" on 30" - 48")
- Spur or Bevel Geared actuator

### Resilient wedge gate valve parts

Catalog Part No.	Description	Material	Material standard
G-16	Bonnet Bolts & Nuts	Carbon Steel	ASTM A307 Grade B, Zinc Plated
G-41	Stuffing Box Bolts & Nuts	Carbon Steel	ASTM A307 Grade B, Zinc Plated
G-49	Stem O-rings (3)	Rubber	ASTM D2000
G-200	Wrench Nut Cap Screw	Carbon Steel	ASTM A307 Grade B, Zinc Plated
G-201	Stuffing Box O-Ring Seal	Rubber	ASTM D2000
G-202	Wrench Nut	Cast Iron	ASTM A126 CL.B
G-203	Stem	Bronze	ASTM B138**
G-204	Hand Wheel (not shown)	Cast Iron	ASTM A126 CL.B
G-205	Stem Nut	Bronze	ASTM B62
G-206	Guide Cap Bearings	Celcon	
G-207	Stuffing Box	Ductile Iron	ASTM A536
G-208	Anti-friction Washers (2)	Brass	
G-209	Wedge, Rubber Encapsulated	Ductile Iron* SBR†	ASTM A536 --
G-210	Bonnet	Ductile Iron	ASTM A536
G-211	Bonnet O-ring	Rubber	ASTM D2000
G-212	Body	Ductile Iron	ASTM A536



\* Fully encapsulated in molded rubber with no iron exposed  
 \*\*18" - 48" ASTM B584  
 †42" and 48" EPDM standard