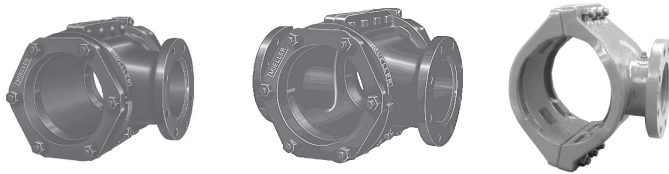
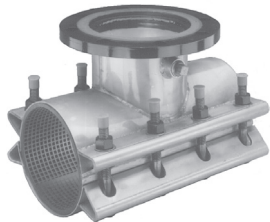


### Mueller® Tapping Sleeves and Crosses



- Full range of Tapping Sleeves and Crosses to fit most types of pipe including cast iron, ductile iron, A-C, and cast iron O.D. PVC--Also outlet sealed Tapping Sleeves for cast iron O.D. PVC plastic pipe and all classes of ductile iron and cast iron pipe through Class D pit cast iron.
- Sizes range from 4"x4" to 24"x24".
- All sleeves have outlet flange with dimensions and drilling that comply with ANSI B16.1, class 125 and with MSS SP-60.
- Available with optional Mueller HP® Epoxy Coating A-C sleeves are coated with orange primer. T-28 sleeve has epoxy coating and 304SS nuts and bolts as standard.
- Maximum working pressures: see product listings.

### Mueller Stainless Steel Tapping



- Sizes to fit iron pipe size PVC, C900 cast iron O.D. PVC, A-C, cast iron and ductile iron pipe.
- Sizes range from 4"x4" through 24"x12".
- Test plug standard.
- Fully passivated.
- Choice of FL or MJ integral outlet flange end connections
- "Waffle" 360° gasket with integral gap bridge.
- Maximum working pressures: see product listings.

### Mueller Cut-In Sleeve and Valve



- Mueller Cut-In Sleeve and Valve are used to install a gate valve in an existing cast iron, ductile iron, or cast iron O.D. PVC plastic pipe main when water interruption is permissible.
- Cut-In Sleeves are marked with length of pipe that is to be cut from main.
- Mechanical Joint ends speed installation.

### Mueller Tapping Valves



- Choice of Resilient Wedge or IBBM types.
- Sizes 2" through 48" Resilient Wedge 14" - 24" IBBM.
- One end flanged with alignment lip to attach to Tapping Sleeve, other end available with a variety of end connections with a special flange to permit attachment of Drilling Machine and Adapter.
- Meets all applicable parts of ANSI/AWWA C500, C509, or C515 Standards.
- Non-rising stem (NRS).
- 2" - 12" RWGV: maximum working pressure 350 psig (2400 kPa/24 barg) test pressure 700 psig (4800 kPa/48 barg)
- 14" - 48" RWGV: maximum working pressure 250 psig (1725 kPa/17 barg) test pressure 500 psig (3450 kPa/35 barg)
- IBBM: maximum working pressure 14"-24" 150 psig (1100 kPa/11 barg) - test pressure 300 psig (2100 kPa/21 barg).
- Mueller valves are designed for potable water applications

### Mueller Split Repair Sleeves

- Heavy cast iron construction.
- Long length for support and rigidity.



- 4" thru 24" sizes.
- 4" - 12" sizes--250 psig (1725 kPa/17 barg) maximum working pressure .
- 14" - 24" sizes--150 psig (1100 kPa/11 barg) maximum working pressure.



**WARNING:** Use on A-C pipe, which contains a known carcinogen, requires appropriate protective equipment and procedures be employed.

Rev. 5-18 Shaded area indicates changes

- Catalog number  
**T-2362-16** mechanical joint x flanged ends (with mechanical joint unassembled accessories)  
**T-2362-19** mechanical joint x flanged ends (less mechanical joint accessories)
- Sizes - 2", 3", 4", 6", 8", 10", 12"
- Meets or exceeds all applicable requirements of ANSI/AWWA C509 Standard, UL 262 Listed, FM 1120/1130 Approved, and certified to ANSI/NSF 61 & 372
- Flanged end drilling complies with ASME/ANSI B16.1 class 125, B16.42 class 150 and with MSS SP-60
- Mechanical joint outlet complies with ANSI/AWWA C111 Standard
- Iron body with nominal 10 mils Mueller Pro-Gard™ Fusion Bonded Epoxy Coated interior and exterior surfaces
- Epoxy coating meets or exceeds all applicable requirements of ANSI/AWWA C550 Standard
- Iron wedge, symmetrical and fully encapsulated with molded rubber; no exposed iron
- Non-rising stem (NRS)
- Triple O-ring seal (2 above the thrust collar and 1 below)
- 2" square wrench nut - open left or open right
- 350 psig (2400 kPa/24 barg) maximum working pressure, 700 psig (4800 kPa/48 barg) static test pressure
- UL Listed, FM Approved: 350 psig (2400 kPa/24 barg) maximum working pressure
- Designed for potable water applications



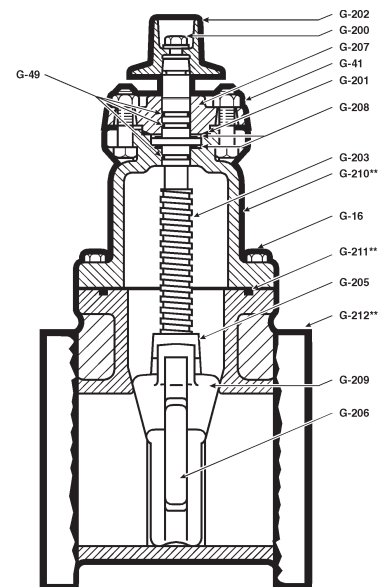
**T-2362-16 shown**  
M.J. accessories  
shipped unassembled

### Options

- Position indicators
- Stainless steel stem: type 304 and type 316
- EPDM disc and o-rings
- Low zinc, silicon bronze ASTM B98-C66100/H02 stem
- Handwheel

### Resilient wedge gate valve parts

Catalog Part Number	Description	Material	Material standard
G-16	Bonnet bolts and nuts	316 Stainless steel	ASTM F593 (bolt) ASTM F594 (nut)
G-41	Stuffing box bolts and nuts	316 Stainless steel	ASTM F593 (bolt) ASTM F594 (nut)
G-49	Stem o-rings (3)	Nitrile	ASTM D2000
G-200	Wrench nut cap screw	316 Stainless steel	ASTM F593
G-201	Stuffing box seal	Nitrile	ASTM D2000
G-202	Wrench nut	Ductile Iron	ASTM A536 ▼
G-203	Stem	Bronze	ASTM B138
G-204	Handwheel (not shown)	Cast Iron +++	ASTM A126 CL.B
G-205	Stem nut	Bronze	ASTM B62
G-206	Guide cap bearings	Acetal	-
G-207	Stuffing box with dirt seal	Ductile iron	ASTM A536 ▼
G-208	Anti-friction washer (2)	Acetal	-
G-209	Wedge Rubber encapsulated	Ductile iron * SBR	ASTM A536 ▼ ASTM D2000
G-210**	Bonnet	Ductile iron	ASTM A536 ▼
G-211**	Bonnet O-ring ++	Neoprene	ASTM D2000
G-212**	Body	Ductile iron	ASTM A536 ▼



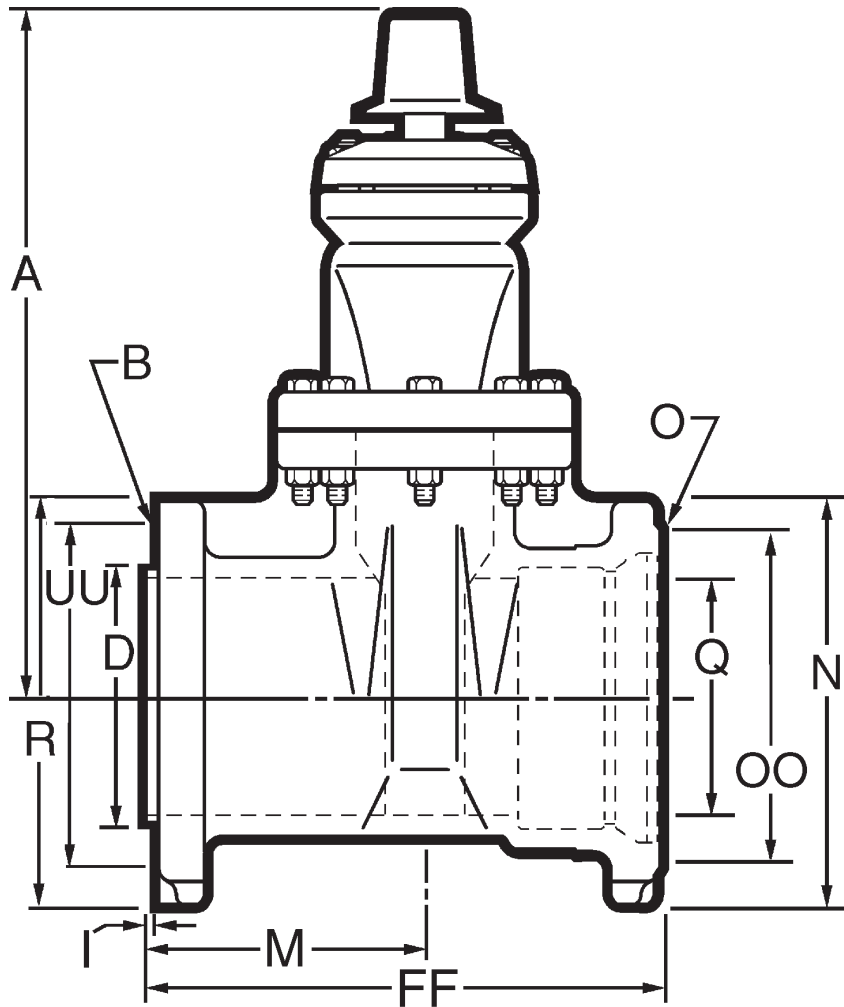
\* Fully encapsulated in molded rubber with no iron exposed,  
+++ Manufacturers option to change material to Ductile Iron ASTM A536  
▼ Material strength ASTM A536 65-45 minimum  
++ 2"-3" valves use bonnet gaskets

**2"-12" T-2362 RESILIENT WEDGE  
TAPPING VALVES - M.J. X FL. ENDS**



**12.17**

Shaded area indicates change Rev. 2-17



**Dimensions**

Dimensions*	Nominal Size						
	2"	3"	4"	6"	8"	10"	12"
A	9.88	12.38	14.19	18.00	21.50	22.50	28.62
R	6.00	7.50	9.00	11.00	13.50	16.00	19.00
D	2.97	3.97	5.00	7.00	9.00	11.00	13.00
I	0.16	0.18	0.18	0.25	0.25	0.25	0.25
M	4.46	4.73	6.24	6.75	7.50	8.44	8.26
UU (bolt circle diameter)	4.75	6.00	7.50	9.50	11.75	14.25	17.00
N	6.25	7.50	9.12	11.12	13.38	15.68	17.94
B (number and size of holes for FL)	4--.75	4--.75	8--.75	8--.88	8--.88	12--1.0	12--1.0
Q (bore)	2.30	3.30	4.30	6.30	8.30	10.30	12.30
FF	8.55	8.99	11.91	13.00	14.75	15.80	16.26
O (number and size of holes for MJ)	4--.75	4--.75	4--.88	6--.88	6--.88	8--.88	8--.88
OO (bolt circle diameter)	4.75	6.19	7.50	9.50	11.75	14.00	16.25
Turns to open	8	11	14	20.5	26.5	33	38.5
Weight*	44	66	109	175	272	417	541

\* All dimensions are in inches. All weights include accessories are in pounds and approximate.