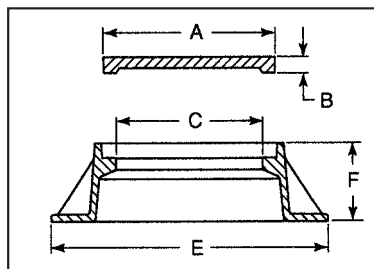


Manhole Frames and Lids

Catalog No.	Dimensions in inches				
	A	B	C	E	F
R-1565	25 7/8	2 1/2	24	34	9
R-1565-A	25 7/8	2 1/2	24	34	4
R-1575	27 1/8	1 1/2	24	32 1/2	6
R-1593	25 3/4	1 1/8	24	32	4
R-1593-B	26 1/4	1 1/8	24	32	4
R-1595	26 1/8	1 3/16	24	33 3/4	6
R-1597	25 3/4	2 1/4	24	28	2 3/4
R-1640-A	26	1 3/8	24	43	10
R-1642-A	26	1 1/2	24	34	5
R-1642-G	26 1/8	1 3/8	24	35	7 3/8
R-1643	25 3/4	1 1/2	24	35	7 1/2
R-1653-A	26 5/8	1 3/8	24	39 1/4	6
R-1653-E	26 5/8	1 5/8	24	41	6
R-1653-F	26 5/8	1 5/8	24	46	9
R-1673-C	26 3/4	1 1/2	24	34 5/8	14 1/2
R-1684	25 1/2	2 1/2	24	36	7
R-1695	25 1/4	1 1/8	24	31 1/2	4 1/2
R-1720-A	26	1 1/8	24	34 1/2	8
R-1720-B	26	1 3/16	24	36 11/16	7-7/8
R-1720-4	26	1 1/8	24	34 1/2	4
R-1733	25 3/4	7/8	24	35 7/16	7
R-1733-1	25 3/4	7/8	24	35 7/16	4
R-1735	25 1/2	7/8	24	35	9
R-1750-A	26	1 3/8	24	43	10
R-1755-E1	30	1 1/2	24	39 3/16	6 1/2
R-1757-G	29	1 3/4	24	35	6
R-1769-A	25 1/4	1 1/2	24	35 1/4	8
R-1783-A	25 3/8	1 7/16	24	33 1/2	5 1/8
R-1794-J	26	1 1/8	24	34 x 34	4
R-1916-F	26	1 1/2	24	36	7
R-1960-A	26	1 1/2	24	32 1/2	6
R-1642-LM	26	1 1/2	24	35 7/8	7
R-1642	26	1 1/2	24 1/8	35 7/8	6 15/16
R-1796-E	26	1 1/2	24 1/8	35 7/8	6 15/16
R-1900-C	26	1 1/2	24 1/8	35 7/8	6 15/16
R-1650-LM	25 7/8	1 1/2	24 1/8	34	4
R-1733-A	25 3/4	7/8	24 1/8	35 1/2	8
R-1733-B	25 3/4	7/8	24 1/8	35 1/2	9
R-1733-C	25 3/4	7/8	24 1/8	35 1/2	10
R-1755-F2	28 3/4	1 3/8	25	37 1/4	7
R-1755-F2LM	28 3/4	1 3/8	25	37 1/4	7
R-1916-T	28	1	25	35	5
R-1683	27 1/2	2 7/16	25 1/8	35 7/8	7
R-1773	27 1/2	1	25 3/4	34 1/2	4
R-1773-A	27 1/2	1	25 3/4	34 1/2	4
R-1635	28	3	26	37 1/2	12
R-1682	27 7/8	1 3/8	26	38 1/4	4 3/8
R-1682-1	27 7/8	1 3/8	26	38 1/4	4 3/8
R-1792-GL	28 1/4	1 1/2	26 3/8	32 1/2	4
R-1576	30 1/8	1 1/2	27	35 1/2	6
R-1640-B	29	1 3/8	27	46	10
R-1640-B1	29	1 3/8	27	46	5 5/8
R-1750-B	29	1 3/8	27	46	10
R-1750-B1	29	1 3/8	27	46	5 5/8
R-1750-B2	29	1 3/8	27	46	3 1/2
R-1751-A	33 7/16	1 1/2	27	43 1/2	11
R-1753-B	28 3/4	1 3/8	27	37 1/4	3
R-1915-J	29	1 3/4	27	35	6

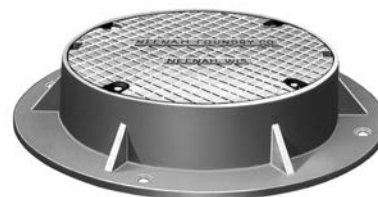
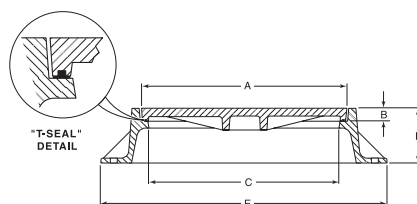


Catalog No.	Dimensions in inches				
	A	B	C	E	F
R-1915-J2	29	1 3/4	27	34	6
R-1753-A	28 3/4	1 3/8	27 1/8	37 1/4	7
R-1753-ALM	28 3/4	1 3/8	27 1/8	37 1/4	7
R-1581-A	31	1	27 1/2	37	2
R-1749-A	29 1/4	3/4	27 3/4	32	1 1/2
R-1562	30	1 1/2	28	37	4
R-1564	30	1 3/8	28	41	8
R-1754-A	29 5/8	1 1/2	28	36	4
R-1755-G	32	1 1/2	28	46	7
R-1755-G1	32	1 1/2	28	40	6 1/2
R-1758-G	32	1 1/2	28	46	7
R-1798	30	1 1/4	28	37 1/2	8
R-1798-1	30	1 1/4	28	36	4
R-1563	30	1 1/2	28 1/4	40	6 1/2
R-1557	31 3/4	1 3/8	30	41	6 1/2
R-1557-A4	32	1 1/2	30	36	4
R-1557-A4B	32	1 1/2	30	36	4
R-1558	31 3/4	1 3/8	30	41	8
R-1577	33 1/8	1 1/2	30	38 1/2	6
R-1582	32 1/4	1 1/4	30	38	6
R-1582-A	32 1/4	1 1/4	30	38	6
R-1640-C	32	1 3/8	30	49	10
R-1640-C1	32	1 3/8	30	49	5 5/8
R-1640-C1S	32	1 3/8	30	46	5 5/8
R-1640-CS	32	1 3/8	30	46	10
R-1740-B	32	1 1/2	30	46	7
R-1743	31 3/4	1 3/4	30	39 1/4	6
R-1743-LM	31 3/4	1 1/2	30	39 1/4	6
R-1750-C	32	1 3/8	30	49	10
R-1750-C1	32	1 3/8	30	49	5 5/8
R-1750-C1S	32	1 3/8	30	46	5 5/8
R-1750-CS	32	1 3/8	30	46	10
R-1751-C	36 7/16	1 1/2	30	46 1/2	11
R-1795-K	32	1 1/2	30	46 x 46	7
R-1796-F	32	1 1/2	30	46	7
R-1799-O	32	1	30	34	2 1/4
R-1900-D	32	1 1/2	30	46	7
R-1900-D1	31 7/8	1 1/2	30	34	2 1/4
R-1916-H	32	1 1/2	30	46	7
R-1916-H1	31 3/4	1 3/4	30	39 1/4	6
R-1581	34 1/8	1	30 1/8	36	2
R-1557-A	32	1 1/2	30 9/32	40	6 1/2
R-1747	32 1/2	1 1/2	30 1/2	48	10
R-1749-B	32 1/4	3/4	30 3/4	35	1 1/2
R-1749-B1	32 1/4	3/4	30 3/4	40 1/2	1 1/2
R-1794-EB	34	1	32	40 1/2 x 40 1/2	3 1/2
R-1586	34 1/2	1 1/2	32 1/2	38 1/2	4
R-1740-C1	34 1/2	1 1/2	32 1/2	38 1/2	4
R-1792-HL	34 1/4	1 1/2	32 1/2	38 1/2	4
R-1794-M1	34	1	32 3/4	46 x 46	7 3/4
R-1752	36	1 1/2	34	45	8 5/8
R-1578	37 3/4	1 1/2	36	47 1/2	6
R-1640-D	38	1 1/2	36	49	10
R-1739-A	37 3/4	1 1/2	36	47 1/2	6
R-1740-D	38	1 1/2	36	49	10
R-1740-D2	38	1 1/2	36	49	10
R-1741-D	38	1 1/2	36	49	10
R-1795-M	38	1 1/2	36	47 x 47	10
R-1799-P	38	1 1/2	36	41	2 1/4
R-1900-E	38	1 1/2	36	49	10
R-1916-K	38	1 1/2	36	49	10
R-1742	38 3/4	1	37	47 3/4	6 1/2
R-1901	39 3/4	1 1/4	37 3/4	52	8
R-1792-JL	40	1 1/2	38 1/2	44 1/2	4
R-1740-E	44	1 3/4	42	56	10
R-1740-E1	44	1 3/4	42	56	10
R-1741-E	44	1 3/4	42	56	10
R-1792-KL	46 1/8	1 1/2	44 1/2	50 1/2	4
R-1740-F	50	2	48	62	10
R-1741-F	50	2	48	62	10
R-1741-F1	50	2	48	62	6

R-1916 Series Watertight Manhole Frame, Bolted Lid

Heavy Duty

Gasket sealed and bolted lid (stainless steel bolts are standard) make this casting ideal for subaqueous installation. For built-up manholes only. Also suited for low pressure, gas or steamtight application up to 20 psi. For higher pressure application, please send specifications. Lids furnished with Type "F" concealed pickholes (see p.16). Units are furnished with four 1" anchor holes – anchor bolts not furnished. Units are shipped assembled with T-gasket glued to lid, except **R-1916-A** and **R-1916-B**, which have flat gasket. Note: Bolting pads reduce effective clear opening (Dimension C) by 2" to 3". If "C" dimension is critical, select larger size. See **R-6462 Series** for more watertight units in 4" height.



Illustrating R-1916-F

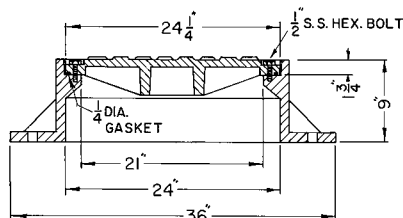
Dimensions in inches

Catalog No.	A	B	C	E	F	Cover Bolt Quantity	Anchor Bolt Circle
R-1916-A	12	1 1/8	11	19	4	4	17
R-1916-B	18	1	17	25	4 1/2	4	22
R-1916-C	23	1 1/2	21	36	9	4	30
R-1916-C1	24	1 3/8	20 5/8	31	6	6	28
R-1916-D	24	1 1/2	21 5/8	35	7 1/2	4	31-3/4
R-1916-E	25	1 1/2	23	38	9	4	34
R-1916-F	26	1 1/2	24	36	7	4	33
R-1916-H	32	1 1/2	30	46	7	6	42
R-1916-H1	31 3/4	1 3/4	30	39 1/4	6	4	36-1/4
R-1916-K	38	1 1/2	36	49	10	6	46

R-1916-C2 Water-Resistant Manhole Frame, Bolted Lid

Heavy Duty

Standard frame is furnished with twelve 1-1/2" anchor holes on 31" diameter bolt circle. Note: Frame is also available with four 1" anchor holes on 31" diameter bolt circle. Furnished only when specified.



R-1916-T Water-Resistant Manhole Frame, Gasket, Bolted Lid

Heavy Duty

Furnished with four 1" anchor holes on 32" diameter bolt circle. Four 1" wide slots for anchor bolts. Furnished with machined horizontal and vertical bearing surfaces. Units are shipped assembled with gasket glued to frame.

