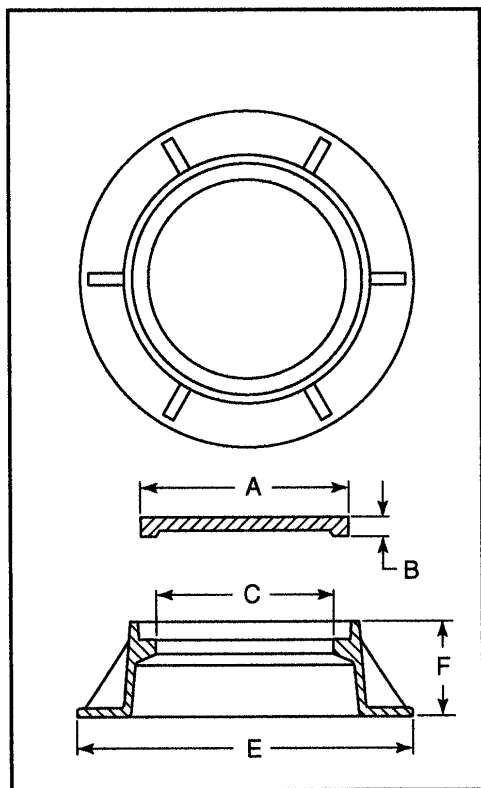


Manhole Frames and Lids

The following table summarizes many of the standard and special manhole frames and lids currently available. The table is organized by clear opening "C" to assist you in dimensional searching. All catalog items are organized numerically in the pages that follow.

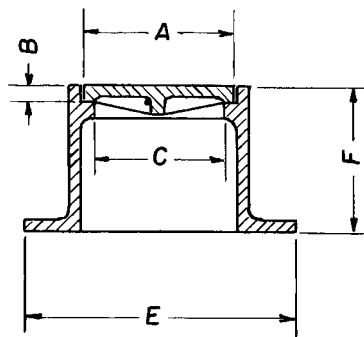
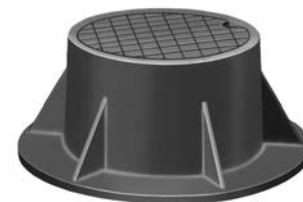
Catalog No.	Dimensions in inches				
	A	B	C	E	F
R-1909-6	6 1/2	1 1/2	5 1/16	7 7/16	6 1/2
R-1970	7	2 1/8	5 3/4	13 1/8	7
R-1971	8	3/4	6 1/2	10 1/2	10
R-1973-1	7 3/4	3/4	6 3/4	13 1/4	7
R-1973-A	8 7/8	11/16	7 3/4	15 3/4	8
R-1974-A	9	1	8	16	6 1/2
R-1792-AL	10 1/4	1 1/2	8 1/2	14 1/2	4
R-1975	9 1/2	1/2	8 1/2	20	11
R-1977	11 1/2	1 1/2	8 1/2	16	12
R-1975-A	9 7/8	7/8	9	15 1/2	6
R-1975-A2	10	1	9 1/4	16	8
R-1976	11 1/4	1 1/4	10	20	8
R-1791-A	12	1	11	19	4
R-1795-A	12 1/16	1	11	19 x 19	4
R-1914-A	12	1/2	11	20	4
R-1914-B	12	1/2	11	20	4
R-1916-A	12	1 1/8	11	19	4
R-1792-BL	13 1/4	1 1/2	11 1/2	17 1/2	4
R-1911-B	15	1	11 3/4	27 1/4	4
R-1748	13 3/8	3/8	12 1/2	16	4
R-1791-B	15 1/4	3/8	14 1/2	20 1/2	4 1/4
R-1792-CL	16 1/4	1 1/2	14 1/2	20 1/2	4
R-1910-E	15 1/4	3/8	14 1/2	20 1/2	4 3/4
R-1910-B	15 5/8	1 3/8	14 11/16	23	4 11/16
R-1791-C	15 5/8	1 3/8	14 3/4	21	4 3/4
R-1910-C	15 5/8	1 3/8	14 3/4	21	4 3/4
R-1795-B	15 5/8	1 3/8	15	23 x 23	5
R-1910-D	15 5/8	1 3/8	15	22	3
R-1891	16 9/16	1	15 1/8	21 3/4	4 3/8



Catalog No.	Dimensions in inches				
	A	B	C	E	F
R-1792-DL	18 1/4	1 1/2	16 1/2	22 1/2	4
R-1900-A	18	1 1/4	16 3/4	30	8
R-1791-E	18	1	17	25	4 1/2
R-1910-A	18	1	17	25	4 1/2
R-1916-B	18	1	17	25	4 1/2
R-1799-D	19 3/4	1	17 1/2	21 3/4	1 5/8
R-1795-C	19 1/2	1 1/2	17 3/4	29 1/2 x 29 1/2	5 1/2
R-1566	20	2 3/16	18	29	4
R-1755-B	23	1 1/2	18	36	9
R-1758-B	23	1 1/2	18	36	9
R-1791-F	20 1/2	5/8	18	30	5
R-1791-G	19 1/2	1 1/2	18	29	5 1/2
R-1796-B	19 1/2	1 1/2	18	29	5 1/2
R-1799-E	19 1/2	1 1/2	18	21 1/4	2
R-1892	20 1/16	1	18 5/8	29	5 3/8
R-1645-A	20 3/8	1 1/2	18 7/8	19 5/8	4
R-1551	21 1/8	1 3/8	19 1/2	37	9 5/8
R-1890	20 5/8	3/4	19 1/2	34	9
R-1920	21 3/4	1	19 3/4	32 1/4	8 3/4
R-1500	22	1 1/2	20	33	8
R-1510-A	22	1 1/2	20	32	6
R-1645	22 3/4	1 3/4	20	25	4 1/2
R-1700-A	22	1 1/2	20	36	6 1/2
R-1705	21 3/4	1 3/8	20	30	9 3/4
R-1707	22 1/2	1 1/2	20	34	9 1/2
R-1710	22	1 1/2	20	35	9
R-1755-C	24	1 1/2	20	35	7 1/2
R-1758-C	24	1 1/2	20	35	7 1/2
R-1765	22 1/4	1 1/2	20	32	8 3/4
R-1784	21 3/4	1 1/8	20	36	8 1/2
R-1795-D	22	1 1/2	20	32 x 32	6
R-1795-E	22	1 1/2	20	33 x 33	8
R-1796-C	22	1 1/2	20	32	6
R-1897	21 3/4	1 1/4	20	30 1/2 x 30 1/2	6 1/4
R-1915-S1	21 1/2	7/8	20 1/16	32	5
R-1661	22 3/4	1 1/2	20 3/32	37 13/32	9 27/32
R-1661-A	22 3/4	1 1/2	20 3/32	37 13/32	6
R-1570-A	22 7/8	1 1/4	20 1/8	32	7
R-1524-B	22 1/2	2 5/8	20 1/4	34 1/4	6 1/4
R-1799-G	22 1/4	1 1/2	20 3/8	24 3/8	2 1/4
R-1690	22	1 1/2	20 15/32	27 9/16	4
R-1580	22 1/2	1 3/4	20 1/2	36	6
R-1689	23	1 1/2	20 1/2	36	4
R-1690-A	22	1 1/2	20 1/2	28	4
R-1696	21 7/8	5/8	20 1/2	39	6
R-1711-A	22	1 1/2	20 1/2	30	6
R-1711-B	22	1 1/2	20 1/2	30	6
R-1761	22	1 1/2	20 1/2	28 1/4	6
R-1779	21 3/4	1	20 1/2	33	8 1/4
R-1792-EL	22 1/4	1 1/2	20 1/2	26 1/2	4
R-1799-H	22 3/4	1 3/4	20 1/2	25 1/2	3
R-1916-C1	24	1 3/8	20 5/8	31	6
R-1537	22 1/4	1	20 3/4	24 7/8	4
R-1919	22 3/4	1 3/4	20 3/4	32 3/8	5 1/2
R-1530	23	1 3/4	20 7/8	36	9
R-1540	23	1 1/2	21	36	9
R-1916-C	23	1 1/2	21	36	9
R-1550-LM	23	1 1/2	21	36	9
R-1672	22 3/4	1 3/4	21	31 1/8	14 1/2
R-1677-A	22 3/4	1 3/4	21	36	9
R-1680	22 5/8	2 1/4	21	32	7
R-1712	22 3/4	1 3/4	21	36	9
R-1713	22 3/4	1 3/4	21	34	9
R-1715	22 3/4	1 3/4	21	36	9
R-1737	22 1/4	1 1/8	21	24 7/8	4

R-1970 to R-1978 Series**Lamphole/Monument/Inspection Frame, Solid Lid****Heavy Duty**

Furnished standard with as-cast bearing surfaces unless otherwise noted.

*Illustrating R-1978**Illustrating R-1976*

Catalog No.	Dimensions in inches				
	A	B	C	E	F
Round					
R-1970	7	2 1/8	5 3/4	13 1/8	7
R-1971 *	8	3/4	6 1/2	10 1/2	10
R-1973	7 1/2	3/4	6 1/2	13 1/4	7
R-1973-1	7 3/4	3/4	6 3/4	13 1/4	7
R-1973-A	8 7/8	11/16	7 3/4	15 3/4	8
R-1974-A	9	1	8	16	6 1/2
R-1975	9 1/2	1/2	8 1/2	20	11
R-1975-A	9 7/8	7/8	9	15 5/8	6
R-1975-A2	10	1	9	16	8
R-1975-A3	10	2	9	16	8
R-1976	11 1/4	1 1/4	10	20	8
R-1977 ** ***	11 1/2	1 1/2	8 1/2	16	12
Square					
R-1978 **	6 7/8 x 6 7/8	1	5 x 5	13 x 13	10
R-1978-A3	7 7/8 x 7 7/8	7/8	6 1/2 x 6 1/2	16 1/2 x 16 1/2	6 7/8
R-1978-A10	7 7/8 x 7 7/8	7/8	6 1/2 x 6 1/2	16 3/4 x 16 3/4	10
R-1978-A15	7 7/8 x 7 7/8	7/8	6 5/8 x 6 5/8	17 1/4 x 17 1/4	15
R-1978-B	12 x 12	3/4	10 5/8 x 10 5/8	20 1/2 x 20 1/2	7 3/8

* Base consists of 4 bolting lugs for 1/2" bolt on 9-1/2" bolt circle instead of full flange.

** Furnished with machined horizontal bearing surfaces.

*** Lid bolted to frame.

R-1978-A2**Lamphole/Monument/Inspection Frame, Solid Lid****Heavy Duty**