

# CIRCULAR TYPE MANHOLE COVER & FRAME

SPECIFICATION: IS 1726:1991

GREY CAST IRON

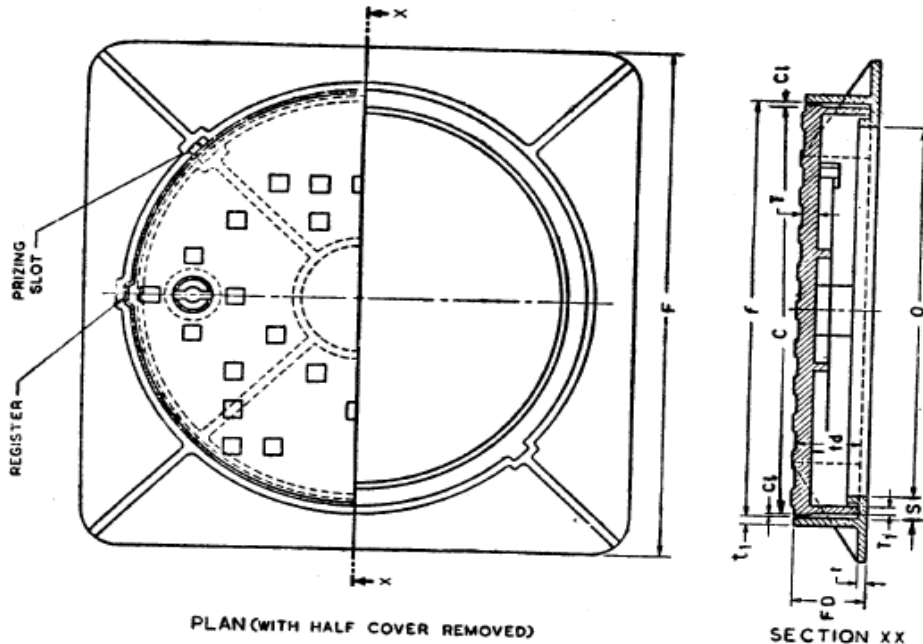


FIG. 6 HEAVY-DUTY AND MEDIUM-DUTY CIRCULAR COVER AND FRAME

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**Table 2 Dimensions of Manhole Covers and Frames**  
( Clause 7.1 and Fig. 3 to 9 )

All dimensions in millimetres.

| Grade  | Type/<br>Designa-<br>tion of Cover | Frame Dimensions |       |       |       |       |       |       |       |                |                 |       | Cover Dimensions |       | Clearance<br>$C_1$ |           |       |
|--------|------------------------------------|------------------|-------|-------|-------|-------|-------|-------|-------|----------------|-----------------|-------|------------------|-------|--------------------|-----------|-------|
|        |                                    | Clear Opening    |       | Outer |       | Inner |       | Depth |       | Seating<br>$S$ | Thickness (Min) |       | Outer            |       |                    | Thickness |       |
|        |                                    | $O$              | $O_1$ | $F$   | $F_1$ | $f$   | $f_1$ | $F_d$ | $f_d$ |                | $t$             | $t_1$ | $C$              | $C_1$ |                    | $T$       | $T_1$ |
| (1)    | (2)                                | (3)              | (4)   | (5)   | (6)   | (7)   | (8)   | (9)   | (10)  | (11)           | (12)            | (13)  | (14)             | (15)  | (16)               | (17)      | (18)  |
| LD-2.5 | Circular                           | 370              | —     | 550   | 550   | 450   | 450   | 55    | 45    | 40             | 10              | 10    | 440              | —     | 10                 | 5         | 5     |
|        |                                    | 350              | —     | 530   | 530   | 430   | 430   | 55    | 45    | 40             | 10              | 10    | 420              | —     | 10                 | 5         | 5     |
| MD-10  | Circular                           | 450              | —     | 620   | 620   | 530   | 530   | 70    | 60    | 40             | 10              | 10    | 520              | —     | 10                 | 5         | 5     |
|        |                                    | 480              | —     | 650   | 650   | 560   | 560   | 80    | 70    | 40             | 10              | 10    | 550              | —     | 10                 | 5         | 5     |
|        |                                    | 500              | —     | 750   | 750   | 600   | 600   | 90    | 80    | 50             | 15              | 15    | 590              | —     | 20                 | 12        | 5     |
| HD-20  | Circular                           | 500              | —     | 750   | 750   | 600   | 600   | 115   | 100   | 50             | 15              | 15    | 588              | —     | 25                 | 15        | 6     |
|        |                                    | 560              | —     | 820   | 820   | 680   | 680   | 125   | 110   | 60             | 15              | 15    | 668              | —     | 25                 | 15        | 6     |
|        |                                    | 600              | —     | 900   | 900   | 750   | 750   | 125   | 110   | 75             | 15              | 15    | 735              | —     | 30                 | 15        | 7.5   |
| EHD-35 | Circular                           | 600              | —     | 900   | 900   | 750   | 750   | 155   | 140   | 75             | 15              | 20    | 735              | —     | 30                 | 15        | 7.5   |
|        |                                    | 560              | —     | 830   | 830   | 680   | 680   | 145   | 130   | 60             | 15              | 20    | 668              | —     | 30                 | 15        | 6     |



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