

TABLE 2 DIMENSIONS AND TOLERANCES OF CUBE MOULDS
(Clause 4.1)

| Sl. No. | DESCRIPTION | Cube Mould Size | | | | |
|---------|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | 50 (3) | 100 (4) | 150 (5) | 225 (6) | 300 (7) |
| i) | Distance between opposite faces (C^*), mm | 50 ± 0.1 | 100 ± 0.2 | 150 ± 0.2 | 225 ± 0.3 | 300 ± 0.4 |
| ii) | Height of mould (F^*), n.m. | 50 ± 0.1 | 100 ± 0.2 | 150 ± 0.2 | 225 ± 0.3 | 300 ± 0.4 |
| iii) | Thickness of wall plate (D^*), mm | 6 | 8 | 8 | 10 | 10 |
| iv) | Angle between adjacent interior faces and between interior faces and top and bottom plates of mould | $90 \pm 0.5^\circ$ | $90 \pm 0.5^\circ$ | $90 \pm 0.5^\circ$ | $90 \pm 0.5^\circ$ | $90 \pm 0.5^\circ$ |
| v) | Length of base plate (A^*), n.m. | 120 | 225 | 280 | 375 | 425 |
| vi) | Width of base plate (B^*), n.m. | 95 | 165 | 215 | 300 | 375 |
| vii) | Thickness of base plate (E^*) mm | 6 | 8 | 8 | 10 | 12 |
| viii) | Permissible variation in the planeness of interior faces* | | | | | |
| | for new moulds, mm | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | for moulds in use, mm | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| ix) | Permissible variation in the planeness of base plate, n.m. | 0.1 | 0.03 | 0.03 | 0.03 | 0.03 |

* These letter symbols are indicated in Fig 1.

TABLE 3 DIMENSIONS AND TOLERANCES FOR CYLINDRICAL MOULDS
(Clause 4.1)

| Sl. No. | DESCRIPTION | DIMENSIONS IN mm |
|---------|--|------------------|
| (1) | (2) | (3) |
| i) | Mean internal diameter | 150 ± 0.2 |
| ii) | Actual internal diameter in any direction | 150 ± 0.5 |
| iii) | Height | 300 ± 1 |
| iv) | Permissible variation in the planeness of cylindrical wall plate | 0.05 |
| v) | Thickness of wall plate | 6 |
| vi) | Diameter of base plate | 300 ± 3 |
| vii) | Diameter of capping plate | 195 ± 2 |
| viii) | Thickness of base plate/capping plate | 6 |
| ix) | Permissible variation in the planeness of base plate/capping plate | 0.03 |