

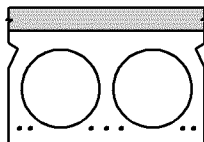
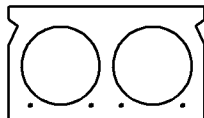
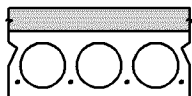
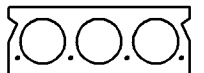
# HOLLOW-CORE SLABS

Figure 2.5.3 Section Properties – Normal Weight Concrete

Flexicore

Trade Name: Flexicore®

Licensing Organization: The Flexicore Co. Inc., Dayton, Ohio



| Section<br>width<br>x<br>depth | Untopped              |                       |                       |           | With 2 in. topping    |                       |           |
|--------------------------------|-----------------------|-----------------------|-----------------------|-----------|-----------------------|-----------------------|-----------|
|                                | A<br>in. <sup>2</sup> | y <sub>b</sub><br>in. | I<br>in. <sup>4</sup> | wt<br>psf | y <sub>b</sub><br>in. | I<br>in. <sup>4</sup> | wt<br>psf |
| 1'-4" x 6"                     | 55                    | 3.00                  | 243                   | 43        | 4.23                  | 523                   | 68        |
| 2'-0" x 6"                     | 86                    | 3.00                  | 366                   | 45        | 4.20                  | 793                   | 70        |
| 1'-4" x 8"                     | 73                    | 4.00                  | 560                   | 57        | 5.26                  | 1,028                 | 82        |
| 2'-0" x 8"                     | 110                   | 4.00                  | 843                   | 57        | 5.26                  | 1,547                 | 82        |
| 1'-8" x 10"                    | 98                    | 5.00                  | 1,254                 | 61        | 6.43                  | 2,109                 | 86        |
| 2'-0" x 10"                    | 138                   | 5.00                  | 1,587                 | 72        | 6.27                  | 2,651                 | 97        |
| 2'-0" x 12"                    | 141                   | 6.00                  | 2,595                 | 73        | 7.46                  | 4,049                 | 98        |

Note: All sections are not available from all producers. Check availability with local manufacturers.