

TABLE 703-1
SIZES OF COARSE AGGREGATE
(AASHTO M 43) (inches)

| Size number | Nominal size square openings(1) | Amounts finer than each laboratory sieve (square openings), percentage by weight | | | | | | | | | | | | | | |
|-------------|---------------------------------|--|-----------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|--------|----------|
| | | 4 in. | 3 1/2 in | 3 in. | 2 1/2 in. | 2 in. | 1 1/2 in. | 1 in. | 3/4 in. | 1/2 in. | 3/8 in. | No. 4 | No. 8 | No. 18 | No. 50 | No. 100 |
| 1 | 3-1/2 to 1-1/2. | 100 | 90 to 100 | | 25 to 60 | | 0 to 15 | | 0 to 5 | | | | | | | |
| 2 | 2-1/2 to 1-1/2 | | | 100 | 90 to 100 | 35 to 70 | 0 to 15 | | 0 to 5 | | | | | | | |
| 24 | 3-1/2 to 3/4. | | | 100 | 90 to 100 | | 25 to 60 | | 0 to 10 | 0 to 5 | | | | | | |
| 3 | 2 to 1. | | | | 100 | 90 to 100 | 35 to 70 | 0 to 15 | | 0 to 5 | | | | | | |
| 357 | 2 to No. 4. | | | | 100 | 95 to 100 | | 35 to 70 | | 10 to 30 | | 0 to 5 | | | | |
| 4 | 1-1/2 to 3/4. | | | | | 100 | 90 to 100 | 20 to 55 | 0 to 15 | | 0 to 5 | | | | | |
| 467 | 1-1/2 to No. 4. | | | | | 100 | 95 to 100 | | 35 to 70 | | 10 to 30 | 0 to 5 | | | | |
| 5 | 1 to 1/2 | | | | | | 100 | 90 to 100 | 20 to 55 | 0 to 10 | 0 to 5 | | | | | |
| 56 | 1 to 3/8 | | | | | | 100 | 90 to 100 | 40 to 75 | 15 to 35 | 0 to 15 | 0 to 5 | | | | |
| 57 | 1 to No. 4. | | | | | | 100 | 95 to 100 | | 25 to 60 | | 0 to 10 | 0 to 5 | | | |
| 6 | 3/4 to 3/8. | | | | | | | 100 | 90 to 100 | 20 to 55 | 0 to 15 | 0 to 5 | | | | |
| 67 | 3/4 to No. 4 | | | | | | | 100 | 90 to 100 | | 20 to 55 | 0 to 10 | 0 to 5 | | | |
| 68 | 3/4 to No. 8 | | | | | | | 100 | 90 to 100 | | 30 to 65 | 5 to 25 | 0 to 10 | 0 to 5 | | |
| 7 | 1/2 to No. 4 | | | | | | | | 100 | 90 to 100 | 40 to 70 | 0 to 15 | 0 to 5 | | | |
| 78 | 1/2 to No. 8. | | | | | | | | 100 | 90 to 100 | 40 to 75 | 5 to 25 | 0 to 10 | 0 to 5 | | |
| 8 | 3/8 to No. 8 | | | | | | | | | 100 | 85 to 100 | 10 to 30 | 0 to 10 | 0 to 5 | | |
| 89 | 3/8 to No. 16. | | | | | | | | | 100 | 90 to 100 | 20 to 55 | 5 to 30 | 0 to 10 | 0 to 5 | |
| 9 | No. 4 to No. 16 | | | | | | | | | | 100 | 85 to 100 | 10 to 40 | 0 to 10 | 0 to 5 | |
| 10 | No. 4 to 0 (2) | | | | | | | | | | | 100 | 85 to 100 | | | 10 to 30 |

(1) In inches, except where otherwise indicated. Numbered sieves are those of the United States Standard Sieve Series.

(2) Screenings.

Where standard sizes of coarse aggregate designated by two or three digit numbers are specified, the specified gradation may be obtained by combining the appropriate single digit standard size aggregates by a suitable proportioning device which has a separate compartment for each coarse aggregate combined. The blending shall be done as directed by the Laboratory.