

TABLE 703.4 STANDARD SIZES OF COARSE AGGREGATES AASHTO M 43

Amounts finer than each laboratory Sieve (square openings), percentage by weight

Size Number	Nominal Size Square Openings	100 mm 4 in.	90 mm 3-1/2 in.	75 mm 3 in.	63 mm 2-1/2 in.	50mm 2 in.	37.5 mm 1-1/2 in.	25.0 mm 1 in.	19.0 mm 3/4 in.	12.5 mm 1/2 in.	9.5 mm 3/8 in.	4.75 mm No. 4	2.36 mm No. 8	1.18 mm No. 16	600 μm No. 30	300 μm No. 50	150 μm No. 100	75 μm No. 200	
1	90mm -- 37.5 mm 3-1/2 in. -- 1-1/2 in.	100	90-100		25-60		0-15		0-5										
2	63 mm -- 37.5 mm 2-1/2 in. -- 1-1/2 in.			100	90-100	35-70	0-15		0-5										
24	63 mm -- 19 mm 2-1/2 in. -- 3/4 in.			100	90-100		25-60		0-10	0-5									
3	50 mm -- 25.0 mm 2 in. -- 1 in.				100	90-100	35-70	0-15		0-5									
357	50 mm -- 4.75 mm 2 in. -- No. 4				100	95-100		35-70		10-30		0-5							
4	37.5 mm -- 19.0 mm 1-1/2 in. -- 3/4 in.					100	90-100	20-55	0-15		0-5								
467	37.5 mm -- 4.75 mm 1-1/2 in. -- No. 4					100	95-100		35-70		10-30	0-5							
5	25.0 mm -- 12.5 mm 1 in. -- 1/2 in.						100	90-100	20-55	0-10	0-5								
56	25.0 mm -- 9.5 mm 1 in. -- 3/8 in.						100	90-100	40-80	10-40	0-15	0-5							
57	25.0 mm -- 4.75 mm 1 in. -- No. 4						100	95-100		25-60		0-10	0-5					0-2	
6	19.0 mm -- 9.5 mm 3/4 in. -- 3/8 in.							100	90-100	20-55	0-15	0-5							
67	19.0 mm -- 4.75 mm 3/4 in. -- No. 4							100	90-100		20-55	0-10	0-5					0-2	
68	19.0 mm -- 2.36 mm 3/4 in. -- No. 8							100	90-100		30-65	5-25	0-10	0-5					
7	12.5 mm -- 4.75 mm 1/2 in. -- No. 4								100	90-100	40-70	0-15	0-5						
78	12.5 mm -- 2.36 mm 1/2 in. -- No. 8								100	90-100	40-75	5-25	0-10	0-5					
8	9.5 mm -- 2.36 mm 3/8 in. -- No. 8									100	85-100	10-30	0-10	0-5				0-2	
89	9.5 mm -- 1.18 mm 3/8 in. -- No. 16									100	90-100	20-55	5-30	0-10		0-5			
9	4.75 mm -- 1.18 mm No. 4 -- No. 16										100	85-100	10-40	0-10		0-5			
10	4.75 mm -- 0 mm No. 4 -- 0											100	85-100				10-30		
Sand	4.75 mm -- 0 mm No. 4 -- 0											100	80-100	65-100	40-80	20-65	7-40	2-20	0-10