

Volume of Specimen, cm ³	Approximate Thickness of Specimen		Correlation Ratio
	mm _____	in. _____	
200 to 213	25.4	1	5.56
214 to 225	27.0	1 $\frac{1}{16}$	5.00
226 to 237	28.6	1 $\frac{1}{8}$	4.55
238 to 250	30.2	1 $\frac{3}{16}$	4.17
251 to 264	31.8	1 $\frac{1}{4}$	3.85
265 to 276	33.3	1 $\frac{5}{16}$	3.57
277 to 289	34.9	1 $\frac{3}{8}$	3.33
290 to 301	36.5	1 $\frac{7}{16}$	3.03
302 to 316	38.1	1 $\frac{1}{2}$	2.78
317 to 328	39.7	1 $\frac{9}{16}$	2.50
329 to 340	41.3	1 $\frac{5}{8}$	2.27
341 to 353	42.9	1 $\frac{11}{16}$	2.08
354 to 367	44.4	1 $\frac{3}{4}$	1.92
368 to 379	46.0	1 $\frac{13}{16}$	1.79
380 to 392	47.6	1 $\frac{7}{8}$	1.67
393 to 405	49.2	1 $\frac{15}{16}$	1.56
406 to 420	50.8	2	1.47
421 to 431	52.4	2 $\frac{1}{16}$	1.39
432 to 443	54.0	2 $\frac{1}{8}$	1.32
444 to 456	55.6	2 $\frac{3}{16}$	1.25
457 to 470	57.2	2 $\frac{1}{4}$	1.19
471 to 482	58.7	2 $\frac{5}{16}$	1.14
483 to 495	60.3	2 $\frac{3}{8}$	1.09
496 to 508	61.9	2 $\frac{7}{8}$	1.04
509 to 522	63.5	2 $\frac{1}{2}$	1.00
523 to 535	65.1	2 $\frac{9}{16}$	0.96
536 to 546	66.7	2 $\frac{5}{8}$	0.93
547 to 559	68.3	2 $\frac{11}{16}$	0.89
560 to 573	69.8	2 $\frac{3}{4}$	0.86
574 to 585	71.4	2 $\frac{13}{16}$	0.83
586 to 598	73.0	2 $\frac{7}{8}$	0.81
599 to 610	74.6	2 $\frac{15}{16}$	0.78
611 to 625	76.2	3	0.76

NOTES:

1. The measured stability of a specimen multiplied by the ratio for the thickness of the specimen equals the corrected stability for a 63.5-mm (2.5-in.) specimen.
2. Volume-thickness relationship is based on a specimen diameter of 101.6 mm (4 in.).

TABLE 7.1 **Stability Correlation Ratios**