

**Cubic Contents
of
HARDWOOD LOGS**



1974

MEASUREMENT OF HALF LOGS - MILL LANDINGS

A number of methods are being employed to calculate the volume of half or split logs obtained under permit or licence and delivered to mill landings.

Since log volumes are calculated by measuring the diameter and length of the log the following procedure to cover the measurement of half logs is to be adopted in future.

1. Measure the actual diameter of the half log by reversing the diameter tape and reading the actual diameter under bark of the exposed surface.
2. Measure the length in the normal manner.
3. Calculate the full volume from the "Cubic Contents of Hardwood Logs" tables in the normal manner.
4. Halve this volume and place an asterisk beside the entry in the Mill Landing and log books and note "Half log" in the column headed "where obtained."

B. J. Beggs
CONSERVATOR OF FORESTS.

DISTRIBUTION:

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District & Divisional Offices.

PREAMBLE

Measurement of Hardwood Logs.

For the purpose of Royalty assessment, the method of measuring and recording the volume of logs obtained from State Forests, Timber Reserves and Crown Lands, shall be as follows :-

(a) Length Measurement

The length of butt logs shall be measured from the top of the sloven to the sawcut at the crown end of the log and other logs shall be measured from sawcut to sawcut. Such measurement shall be entered in the Mill Landing Book and Mill Log Book in metres and tenths of metres, rounded down to the nearest tenth metre.

Examples

Actual Log Length Metres	Entry to be Recorded Metres
13.249	13.2
7.346	7.3
6.999	6.9
7.000	7.0

(b) Diameter Measurement

The diameter of logs shall be measured by diameter tape at a point equi-distant from the top of the sloven and the crown end of butt logs and at a point equi-distant from both ends of other logs. 10 millimetres may be allowed for each 100 mm diameter of bark under the tape, but no such allowance shall exceed a maximum of 70 mm. Diameter measurements shall be entered in millimetres rounded up to the nearest multiple of 10 millimetres.

Examples of Bark Deduction Rule:- All Measurements in m.m.

Measured Diam. Overbark	Dia. Overbark Rounded Up	m.m. of bark on	Bark Deduction	Entry in Book
565	570	500	50	520
995	1000	900	70	930
1090	1090	1000	70	1020
1090	1090	300	30	1060
1081	1090	500	50	1040

In the case of logs with abnormal swellings in the centre, the centre diameter shall be ascertained by taking the average of the underbark diameters at an equal distance from the centre of the log sufficient to clear the abnormality, but both measurements and the centre underbark diameter so calculated shall be entered in the Mill Landing Book.

(c) Cubic Contents

The volume in cubic metres of logs of various diameters and lengths are set out in the table. The table is referenced directly by the diameter and length recorded in the Mill Landing Book. The volume recorded in the table against the appropriate diameter class and length class shall be entered in the Mill Landing Book.

(d) Volume Table Construction

The log volume table incorporates two rounding rules which are stated below :-

(1) Length Rounding Rule

The length recorded in the Mill Landing Book places the log in a log length class. The effective length, used to calculate log volume, is the low end of the length class.

Actual Length	Entry in Books	Length Class	Effective Length
13.249	13.2	13.2 - 13.39	13.2
7.364	7.3	7.2 - 7.39	7.2
6.999	6.9	6.8 - 6.99	6.8
7.000	7.0	7.0 - 7.19	7.0

(2) Diameter Rounding Rule

The diameter recorded in the Mill Landing Book places the log in a diameter class. The effective diameter, used to calculate log volume is the mid point of the diameter class.

The volume entered in the table is expressed in cubic metres underbark, the formula used in calculating the table volume is :

$$\text{Volume} = \frac{\pi}{4000000} \times D^2 \times L$$

Where D is the effective diameter in millimetres,

L is the effective length in metres,

$\frac{\pi}{4}$ is the constant 3.141592.

Volume Calculation Example

Log volume in cubic metres from the tables assuming a bark retention of 300 m.m. for each log.

Diameter - m.m.				Length - m		
Diam.(o.b.) (by tape)	Diam.(o.b.) (rounded)	Entry in Log Book	Effective Diameter	Actual	Effective	Volume m ³
549	550	520	525	8.976	8.8	1.90
541	550	520	525	8.801	8.8	1.90
545	550	520	525	8.999	8.8	1.90
913	920	890	895	13.719	13.6	8.56
920	920	890	895	13.600	13.6	8.56

LOG LENGTH CLASS-METRES

CENTRE	*	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	* CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	*	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	* CLASS
(MM)	*											(MM)

VOLUME CURIC METRES												

100	*	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	* 100
110	*	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	* 110
120	*	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	* 120
130	*	.01	.02	.02	.02	.03	.03	.03	.03	.04	.04	* 130
140	*	.02	.02	.02	.03	.03	.03	.04	.04	.04	.05	* 140

150	*	.02	.02	.03	.03	.03	.04	.04	.05	.05	.05	* 150
160	*	.02	.03	.03	.03	.04	.04	.05	.05	.06	.06	* 160
170	*	.02	.03	.03	.04	.04	.05	.05	.06	.06	.07	* 170
180	*	.03	.03	.04	.04	.05	.05	.06	.06	.07	.08	* 180
190	*	.03	.04	.04	.05	.05	.06	.07	.07	.08	.08	* 190

200	*	.03	.04	.05	.05	.06	.07	.07	.08	.09	.09	* 200
210	*	.04	.04	.05	.06	.07	.07	.08	.09	.09	.10	* 210
220	*	.04	.05	.06	.06	.07	.08	.09	.10	.10	.11	* 220
230	*	.04	.05	.06	.07	.08	.09	.10	.10	.11	.12	* 230
240	*	.05	.06	.07	.08	.08	.09	.10	.11	.12	.13	* 240

250	*	.05	.06	.07	.08	.09	.10	.11	.12	.13	.14	* 250
260	*	.06	.07	.08	.09	.10	.11	.12	.13	.14	.15	* 260
270	*	.06	.07	.08	.10	.11	.12	.13	.14	.15	.17	* 270
280	*	.06	.08	.09	.10	.11	.13	.14	.15	.17	.18	* 280
290	*	.07	.08	.10	.11	.12	.14	.15	.16	.18	.19	* 290

300	*	.07	.09	.10	.12	.13	.15	.16	.18	.19	.20	* 300
310	*	.08	.09	.11	.12	.14	.16	.17	.19	.20	.22	* 310
320	*	.08	.10	.12	.13	.15	.17	.18	.20	.22	.23	* 320
330	*	.09	.11	.12	.14	.16	.18	.19	.21	.23	.25	* 330
340	*	.09	.11	.13	.15	.17	.19	.21	.22	.24	.26	* 340

350	*	.10	.12	.14	.16	.18	.20	.22	.24	.26	.28	* 350
360	*	.10	.13	.15	.17	.19	.21	.23	.25	.27	.29	* 360
370	*	.11	.13	.15	.18	.20	.22	.24	.27	.29	.31	* 370
380	*	.12	.14	.16	.19	.21	.23	.26	.28	.30	.33	* 380
390	*	.12	.15	.17	.20	.22	.25	.27	.29	.32	.34	* 390

400	*	.13	.15	.18	.21	.23	.26	.28	.31	.33	.36	* 400
410	*	.14	.16	.19	.22	.24	.27	.30	.32	.35	.38	* 410
420	*	.14	.17	.20	.23	.26	.28	.31	.34	.37	.40	* 420
430	*	.15	.18	.21	.24	.27	.30	.33	.36	.39	.42	* 430
440	*	.16	.19	.22	.25	.28	.31	.34	.37	.40	.44	* 440

LOG LENGTH CLASS=METRES

CENTRE	*	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	* CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	*	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	* CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

	*											*
450	*	.16	.20	.23	.26	.29	.33	.36	.39	.42	.46	* 450
460	*	.17	.20	.24	.27	.31	.34	.37	.41	.44	.48	* 460
470	*	.18	.21	.25	.28	.32	.35	.39	.43	.46	.50	* 470
480	*	.18	.22	.26	.30	.33	.37	.41	.44	.48	.52	* 480
490	*	.19	.23	.27	.31	.35	.38	.42	.46	.50	.54	* 490

500	*	.20	.24	.28	.32	.36	.40	.44	.48	.52	.56	* 500
510	*	.21	.25	.29	.33	.37	.42	.46	.50	.54	.58	* 510
520	*	.22	.26	.30	.35	.39	.43	.48	.52	.56	.61	* 520
530	*	.22	.27	.31	.36	.40	.45	.49	.54	.58	.63	* 530
540	*	.23	.28	.33	.37	.42	.47	.51	.56	.61	.65	* 540

550	*	.24	.29	.34	.39	.44	.48	.53	.58	.63	.68	* 550
560	*	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	* 560
570	*	.26	.31	.36	.42	.47	.52	.57	.62	.68	.73	* 570
580	*	.27	.32	.38	.43	.48	.54	.59	.65	.70	.75	* 580
590	*	.28	.33	.39	.44	.50	.56	.61	.67	.72	.78	* 590

600	*	.29	.34	.40	.46	.52	.57	.63	.69	.75	.80	* 600
610	*	.30	.36	.42	.48	.53	.59	.65	.71	.77	.83	* 610
620	*	.31	.37	.43	.49	.55	.61	.67	.74	.80	.86	* 620
630	*	.32	.38	.44	.51	.57	.63	.70	.76	.82	.89	* 630
640	*	.33	.39	.46	.52	.59	.65	.72	.78	.85	.91	* 640

650	*	.34	.40	.47	.54	.61	.67	.74	.81	.88	.94	* 650
660	*	.35	.42	.49	.56	.63	.69	.76	.83	.90	.97	* 660
670	*	.36	.43	.50	.57	.64	.72	.79	.86	.93	1.00	* 670
680	*	.37	.44	.52	.59	.66	.74	.81	.88	.96	1.03	* 680
690	*	.38	.46	.53	.61	.68	.76	.83	.91	.99	1.06	* 690

700	*	.39	.47	.55	.62	.70	.78	.86	.94	1.01	1.09	* 700
710	*	.40	.48	.56	.64	.72	.80	.88	.96	1.04	1.12	* 710
720	*	.41	.50	.58	.66	.74	.83	.91	.99	1.07	1.16	* 720
730	*	.42	.51	.59	.68	.76	.85	.93	1.02	1.10	1.19	* 730
740	*	.44	.52	.61	.70	.78	.87	.96	1.05	1.13	1.22	* 740

750	*	.45	.54	.63	.72	.81	.90	.98	1.07	1.16	1.25	* 750
760	*	.46	.55	.64	.74	.83	.92	1.01	1.10	1.20	1.29	* 760
770	*	.47	.57	.66	.75	.85	.94	1.04	1.13	1.23	1.32	* 770
780	*	.48	.58	.68	.77	.87	.97	1.06	1.16	1.26	1.36	* 780
790	*	.50	.60	.69	.79	.89	.99	1.09	1.19	1.29	1.39	* 790

LOG LENGTH CLASS-METRES

CENTRE	* 1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	* CLASS
(MM)	* *										* (MM)
	VOLUME CUBIC METRES										
800	* .51	.61	.71	.81	.92	1.02	1.12	1.22	1.32	1.43	* 800
810	* .52	.63	.73	.83	.94	1.04	1.15	1.25	1.36	1.46	* 810
820	* .53	.64	.75	.86	.96	1.07	1.18	1.28	1.39	1.50	* 820
830	* .55	.66	.77	.88	.99	1.10	1.20	1.31	1.42	1.53	* 830
840	* .56	.67	.79	.90	1.01	1.12	1.23	1.35	1.46	1.57	* 840
850	* .57	.69	.80	.92	1.03	1.15	1.26	1.38	1.49	1.61	* 850
860	* .59	.71	.82	.94	1.06	1.18	1.29	1.41	1.53	1.65	* 860
870	* .60	.72	.84	.96	1.08	1.20	1.32	1.44	1.56	1.68	* 870
880	* .62	.74	.86	.98	1.11	1.23	1.35	1.48	1.60	1.72	* 880
890	* .63	.75	.88	1.01	1.13	1.26	1.38	1.51	1.64	1.76	* 890
900	* .64	.77	.90	1.03	1.16	1.29	1.42	1.54	1.67	1.80	* 900
910	* .66	.79	.92	1.05	1.18	1.32	1.45	1.58	1.71	1.84	* 910
920	* .67	.81	.94	1.08	1.21	1.34	1.48	1.61	1.75	1.88	* 920
930	* .69	.82	.96	1.10	1.24	1.37	1.51	1.65	1.79	1.92	* 930
940	* .70	.84	.98	1.12	1.26	1.40	1.54	1.68	1.82	1.96	* 940
950	* .72	.86	1.00	1.15	1.29	1.43	1.58	1.72	1.86	2.01	* 950
960	* .73	.88	1.02	1.17	1.32	1.46	1.61	1.76	1.90	2.05	* 960
970	* .75	.90	1.05	1.19	1.34	1.49	1.64	1.79	1.94	2.09	* 970
980	* .76	.91	1.07	1.22	1.37	1.52	1.68	1.83	1.98	2.13	* 980
990	* .78	.93	1.09	1.24	1.40	1.56	1.71	1.87	2.02	2.18	* 990
1000	* .79	.95	1.11	1.27	1.43	1.59	1.75	1.90	2.06	2.22	* 1000
1010	* .81	.97	1.13	1.29	1.46	1.62	1.78	1.94	2.10	2.27	* 1010
1020	* .83	.99	1.16	1.32	1.49	1.65	1.82	1.98	2.15	2.31	* 1020
1030	* .84	1.01	1.18	1.35	1.51	1.68	1.85	2.02	2.19	2.36	* 1030
1040	* .86	1.03	1.20	1.37	1.54	1.72	1.89	2.06	2.23	2.40	* 1040
1050	* .87	1.05	1.22	1.40	1.57	1.75	1.92	2.10	2.27	2.45	* 1050
1060	* .89	1.07	1.25	1.43	1.60	1.78	1.96	2.14	2.32	2.49	* 1060
1070	* .91	1.09	1.27	1.45	1.63	1.82	2.00	2.18	2.36	2.54	* 1070
1080	* .92	1.11	1.29	1.48	1.66	1.85	2.03	2.22	2.40	2.59	* 1080
1090	* .94	1.13	1.32	1.51	1.70	1.88	2.07	2.26	2.45	2.64	* 1090
1100	* .96	1.15	1.34	1.53	1.73	1.92	2.11	2.30	2.49	2.69	* 1100
1110	* .98	1.17	1.37	1.56	1.76	1.95	2.15	2.34	2.54	2.73	* 1110
1120	* .99	1.19	1.39	1.59	1.79	1.99	2.19	2.39	2.58	2.78	* 1120
1130	* 1.01	1.21	1.42	1.62	1.82	2.02	2.23	2.43	2.63	2.83	* 1130
1140	* 1.03	1.24	1.44	1.65	1.85	2.06	2.27	2.47	2.68	2.88	* 1140

LOG LENGTH CLASS-METRES

CENTRE	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

1150	1.05	1.26	1.47	1.68	1.89	2.10	2.31	2.51	2.72	2.93	1150
1160	1.07	1.28	1.49	1.71	1.92	2.13	2.35	2.56	2.77	2.98	1160
1170	1.08	1.30	1.52	1.73	1.95	2.17	2.39	2.60	2.82	3.04	1170
1180	1.10	1.32	1.54	1.76	1.99	2.21	2.43	2.65	2.87	3.09	1180
1190	1.12	1.35	1.57	1.79	2.02	2.24	2.47	2.69	2.92	3.14	1190
1200	1.14	1.37	1.60	1.82	2.05	2.28	2.51	2.74	2.97	3.19	1200
1210	1.16	1.39	1.62	1.86	2.09	2.32	2.55	2.78	3.01	3.25	1210
1220	1.18	1.41	1.65	1.89	2.12	2.36	2.59	2.83	3.06	3.30	1220
1230	1.20	1.44	1.68	1.92	2.16	2.40	2.64	2.87	3.11	3.35	1230
1240	1.22	1.46	1.70	1.95	2.19	2.43	2.68	2.92	3.17	3.41	1240
1250	1.24	1.48	1.73	1.98	2.23	2.47	2.72	2.97	3.22	3.46	1250
1260	1.26	1.51	1.76	2.01	2.26	2.51	2.76	3.02	3.27	3.52	1260
1270	1.28	1.53	1.79	2.04	2.30	2.55	2.81	3.06	3.32	3.57	1270
1280	1.30	1.56	1.82	2.07	2.33	2.59	2.85	3.11	3.37	3.63	1280
1290	1.32	1.58	1.84	2.11	2.37	2.63	2.90	3.16	3.42	3.69	1290
1300	1.34	1.61	1.87	2.14	2.41	2.68	2.94	3.21	3.48	3.75	1300
1310	1.36	1.63	1.90	2.17	2.44	2.72	2.99	3.26	3.53	3.80	1310
1320	1.38	1.65	1.93	2.21	2.48	2.76	3.03	3.31	3.59	3.86	1320
1330	1.40	1.68	1.96	2.24	2.52	2.80	3.08	3.36	3.64	3.92	1330
1340	1.42	1.70	1.99	2.27	2.56	2.84	3.13	3.41	3.69	3.98	1340
1350	1.44	1.73	2.02	2.31	2.60	2.88	3.17	3.46	3.75	4.04	1350
1360	1.46	1.76	2.05	2.34	2.63	2.93	3.22	3.51	3.80	4.10	1360
1370	1.48	1.78	2.08	2.38	2.67	2.97	3.27	3.56	3.86	4.16	1370
1380	1.51	1.81	2.11	2.41	2.71	3.01	3.31	3.62	3.92	4.22	1380
1390	1.53	1.83	2.14	2.45	2.75	3.06	3.36	3.67	3.97	4.28	1390
1400	1.55	1.86	2.17	2.48	2.79	3.10	3.41	3.72	4.03	4.34	1400
1410	1.57	1.89	2.20	2.52	2.83	3.15	3.46	3.77	4.09	4.40	1410
1420	1.59	1.91	2.23	2.55	2.87	3.19	3.51	3.83	4.15	4.47	1420
1430	1.62	1.94	2.26	2.59	2.91	3.23	3.56	3.88	4.21	4.53	1430
1440	1.64	1.97	2.30	2.62	2.95	3.28	3.61	3.94	4.26	4.59	1440
1450	1.66	2.00	2.33	2.66	2.99	3.33	3.66	3.99	4.32	4.66	1450
1460	1.69	2.02	2.36	2.70	3.03	3.37	3.71	4.05	4.38	4.72	1460
1470	1.71	2.05	2.39	2.73	3.08	3.42	3.76	4.10	4.44	4.78	1470
1480	1.73	2.08	2.42	2.77	3.12	3.46	3.81	4.16	4.50	4.85	1480
1490	1.76	2.11	2.46	2.81	3.16	3.51	3.86	4.21	4.56	4.92	1490

LOG LENGTH CLASS-METRES												
CENTRE	*	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	* CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	*	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	* CLASS
(MM)	*											(MM)
VOLUME CUBIC METRES												

1500-1519	*	1.79	2.15	2.51	2.87	3.22	3.58	3.94	4.30	4.66	5.01	* 1500-1519
1520-1539	*	1.84	2.21	2.57	2.94	3.31	3.68	4.04	4.41	4.78	5.15	* 1520-1539
1540-1559	*	1.89	2.26	2.64	3.02	3.40	3.77	4.15	4.53	4.91	5.28	* 1540-1559
1560-1579	*	1.94	2.32	2.71	3.10	3.48	3.87	4.26	4.65	5.03	5.42	* 1560-1579
1580-1599	*	1.99	2.38	2.78	3.18	3.57	3.97	4.37	4.77	5.16	5.56	* 1580-1599
	*											
1600-1619	*	2.04	2.44	2.85	3.26	3.66	4.07	4.48	4.89	5.29	5.70	* 1600-1619
1620-1639	*	2.09	2.50	2.92	3.34	3.76	4.17	4.59	5.01	5.43	5.84	* 1620-1639
1640-1659	*	2.14	2.57	2.99	3.42	3.85	4.28	4.70	5.13	5.56	5.99	* 1640-1659
1660-1679	*	2.19	2.63	3.07	3.50	3.94	4.38	4.82	5.26	5.70	6.13	* 1660-1679
1680-1699	*	2.24	2.69	3.14	3.59	4.04	4.49	4.93	5.38	5.83	6.28	* 1680-1699
	*											
1700-1719	*	2.30	2.76	3.22	3.67	4.13	4.59	5.05	5.51	5.97	6.43	* 1700-1719
1720-1739	*	2.35	2.82	3.29	3.76	4.23	4.70	5.17	5.64	6.11	6.58	* 1720-1739
1740-1759	*	2.41	2.89	3.37	3.85	4.33	4.81	5.29	5.77	6.25	6.73	* 1740-1759
1760-1779	*	2.46	2.95	3.44	3.94	4.43	4.92	5.41	5.91	6.40	6.89	* 1760-1779
1780-1799	*	2.52	3.02	3.52	4.03	4.53	5.03	5.54	6.04	6.54	7.05	* 1780-1799
	*											
1800-1819	*	2.57	3.09	3.60	4.12	4.63	5.15	5.66	6.18	6.69	7.20	* 1800-1819
1820-1839	*	2.63	3.16	3.68	4.21	4.73	5.26	5.79	6.31	6.84	7.36	* 1820-1839
1840-1859	*	2.69	3.23	3.76	4.30	4.84	5.38	5.91	6.45	6.99	7.53	* 1840-1859
1860-1879	*	2.75	3.30	3.85	4.39	4.94	5.49	6.04	6.59	7.14	7.69	* 1860-1879
1880-1899	*	2.81	3.37	3.93	4.49	5.05	5.61	6.17	6.73	7.29	7.86	* 1880-1899
	*											
1900-1919	*	2.87	3.44	4.01	4.58	5.16	5.73	6.30	6.88	7.45	8.02	* 1900-1919
1920-1939	*	2.93	3.51	4.10	4.68	5.27	5.85	6.44	7.02	7.61	8.19	* 1920-1939
1940-1959	*	2.99	3.58	4.18	4.78	5.38	5.97	6.57	7.17	7.76	8.36	* 1940-1959
1960-1979	*	3.05	3.66	4.27	4.88	5.49	6.10	6.71	7.32	7.92	8.53	* 1960-1979
1980-1999	*	3.11	3.73	4.35	4.98	5.60	6.22	6.84	7.46	8.09	8.71	* 1980-1999
	*											

LOG LENGTH CLASS=METRES

CENTRE	* 1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	* CLASS
(MM)											(MM)

VOLUME CUBIC METRES											

2000-2019	* 3.17	3.81	4.44	5.08	5.71	6.35	6.98	7.62	8.25	8.88	* 2000-2019
2020-2039	* 3.24	3.88	4.53	5.18	5.83	6.47	7.12	7.77	8.42	9.06	* 2020-2039
2040-2059	* 3.30	3.96	4.62	5.28	5.94	6.60	7.26	7.92	8.58	9.24	* 2040-2059
2060-2079	* 3.37	4.04	4.71	5.38	6.06	6.73	7.40	8.08	8.75	9.42	* 2060-2079
2080-2099	* 3.43	4.12	4.80	5.49	6.18	6.86	7.55	8.23	8.92	9.61	* 2080-2099

2100-2119	* 3.50	4.20	4.90	5.59	6.29	6.99	7.69	8.39	9.09	9.79	* 2100-2119
2120-2139	* 3.56	4.28	4.99	5.70	6.41	7.13	7.84	8.55	9.26	9.98	* 2120-2139
2140-2159	* 3.63	4.36	5.08	5.81	6.53	7.26	7.99	8.71	9.44	10.17	* 2140-2159
2160-2179	* 3.70	4.44	5.18	5.92	6.66	7.40	8.14	8.88	9.62	10.36	* 2160-2179
2180-2199	* 3.77	4.52	5.27	6.03	6.78	7.53	8.29	9.04	9.79	10.55	* 2180-2199

2200-2219	* 3.84	4.60	5.37	6.14	6.90	7.67	8.44	9.21	9.97	10.74	* 2200-2219
2220-2239	* 3.91	4.69	5.47	6.25	7.03	7.81	8.59	9.37	10.15	10.94	* 2220-2239
2240-2259	* 3.98	4.77	5.57	6.36	7.16	7.95	8.75	9.54	10.34	11.13	* 2240-2259
2260-2279	* 4.05	4.86	5.67	6.48	7.28	8.09	8.90	9.71	10.52	11.33	* 2260-2279
2280-2299	* 4.12	4.94	5.77	6.59	7.41	8.24	9.06	9.88	10.71	11.53	* 2280-2299

2300-2319	* 4.19	5.03	5.87	6.71	7.54	8.38	9.22	10.06	10.90	11.73	* 2300-2319
2320-2339	* 4.26	5.12	5.97	6.82	7.67	8.53	9.38	10.23	11.09	11.94	* 2320-2339
2340-2359	* 4.34	5.20	6.07	6.94	7.81	8.67	9.54	10.41	11.28	12.14	* 2340-2359
2360-2379	* 4.41	5.29	6.18	7.06	7.94	8.82	9.71	10.59	11.47	12.35	* 2360-2379
2380-2399	* 4.49	5.38	6.28	7.18	8.08	8.97	9.87	10.77	11.66	12.56	* 2380-2399

2400-2419	* 4.56	5.47	6.39	7.30	8.21	9.12	10.04	10.95	11.86	12.77	* 2400-2419
2420-2439	* 4.64	5.57	6.49	7.42	8.35	9.28	10.20	11.13	12.06	12.99	* 2420-2439
2440-2459	* 4.71	5.66	6.60	7.54	8.49	9.43	10.37	11.31	12.26	13.20	* 2440-2459
2460-2479	* 4.79	5.75	6.71	7.67	8.62	9.58	10.54	11.50	12.46	13.42	* 2460-2479
2480-2499	* 4.87	5.84	6.82	7.79	8.77	9.74	10.71	11.69	12.66	13.63	* 2480-2499

***** LOG LENGTH CLASS-METRES *****											
CENTRE	* 1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	* CLASS
(MM)	*										* (MM)
***** VOLUME CUBIC METRES *****											
2500-2549	* 5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	* 2500-2549
2550-2599	* 5.2	6.2	7.3	8.3	9.4	10.4	11.5	12.5	13.5	14.6	* 2550-2599
2600-2649	* 5.4	6.5	7.6	8.7	9.7	10.8	11.9	13.0	14.1	15.2	* 2600-2649
2650-2699	* 5.6	6.7	7.9	9.0	10.1	11.2	12.4	13.5	14.6	15.7	* 2650-2699
2700-2749	* 5.8	7.0	8.2	9.3	10.5	11.7	12.8	14.0	15.2	16.3	* 2700-2749
2750-2799	* 6.0	7.3	8.5	9.7	10.9	12.1	13.3	14.5	15.7	16.9	* 2750-2799
2800-2849	* 6.3	7.5	8.8	10.0	11.3	12.5	13.8	15.0	16.3	17.6	* 2800-2849
2850-2899	* 6.5	7.8	9.1	10.4	11.7	13.0	14.3	15.6	16.9	18.2	* 2850-2899
2900-2949	* 6.7	8.1	9.4	10.8	12.1	13.4	14.8	16.1	17.5	18.8	* 2900-2949
2950-2999	* 7.0	8.3	9.7	11.1	12.5	13.9	15.3	16.7	18.1	19.5	* 2950-2999
3000-3049	* 7.2	8.6	10.1	11.5	12.9	14.4	15.8	17.2	18.7	20.1	* 3000-3049
3050-3099	* 7.4	8.9	10.4	11.9	13.4	14.9	16.3	17.8	19.3	20.8	* 3050-3099
3100-3149	* 7.7	9.2	10.7	12.3	13.8	15.3	16.9	18.4	19.9	21.5	* 3100-3149
3150-3199	* 7.9	9.5	11.1	12.7	14.3	15.8	17.4	19.0	20.6	22.2	* 3150-3199
3200-3249	* 8.2	9.8	11.4	13.1	14.7	16.3	18.0	19.6	21.2	22.9	* 3200-3249
3250-3299	* 8.4	10.1	11.8	13.5	15.2	16.8	18.5	20.2	21.9	23.6	* 3250-3299
3300-3349	* 8.7	10.4	12.2	13.9	15.6	17.4	19.1	20.8	22.6	24.3	* 3300-3349
3350-3399	* 8.9	10.7	12.5	14.3	16.1	17.9	19.7	21.5	23.3	25.0	* 3350-3399
3400-3449	* 9.2	11.1	12.9	14.7	16.6	18.4	20.3	22.1	24.0	25.8	* 3400-3449
3450-3499	* 9.5	11.4	13.3	15.2	17.1	19.0	20.9	22.8	24.7	26.6	* 3450-3499
3500-3549	* 9.8	11.7	13.7	15.6	17.6	19.5	21.5	23.4	25.4	27.3	* 3500-3549
3550-3599	* 10.0	12.0	14.1	16.1	18.1	20.1	22.1	24.1	26.1	28.1	* 3550-3599
3600-3649	* 10.3	12.4	14.4	16.5	18.6	20.6	22.7	24.8	26.8	28.9	* 3600-3649
3650-3699	* 10.6	12.7	14.9	17.0	19.1	21.2	23.3	25.5	27.6	29.7	* 3650-3699
3700-3749	* 10.9	13.1	15.3	17.4	19.6	21.8	24.0	26.2	28.3	30.5	* 3700-3749

LOG LENGTH CLASS-METRES

CENTRE	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS (MM)	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	CLASS (MM)
VOLUME CUBIC METRES											
3750-3799	11.2	13.4	15.7	17.9	20.1	22.4	24.6	26.9	29.1	31.3	3750-3799
3800-3849	11.5	13.8	16.1	18.4	20.7	23.0	25.3	27.6	29.9	32.2	3800-3849
3850-3899	11.8	14.2	16.5	18.9	21.2	23.6	25.9	28.3	30.7	33.0	3850-3899
3900-3949	12.1	14.5	16.9	19.4	21.8	24.2	26.6	29.0	31.5	33.9	3900-3949
3950-3999	12.4	14.9	17.4	19.9	22.3	24.8	27.3	29.8	32.3	34.7	3950-3999
4000-4049	12.7	15.3	17.8	20.4	22.9	25.4	28.0	30.5	33.1	35.6	4000-4049
4050-4099	13.0	15.7	18.3	20.9	23.5	26.1	28.7	31.3	33.9	36.5	4050-4099
4100-4149	13.4	16.0	18.7	21.4	24.1	26.7	29.4	32.1	34.7	37.4	4100-4149
4150-4199	13.7	16.4	19.2	21.9	24.6	27.4	30.1	32.9	35.6	38.3	4150-4199
4200-4249	14.0	16.8	19.6	22.4	25.2	28.0	30.8	33.6	36.5	39.3	4200-4249
4250-4299	14.4	17.2	20.1	23.0	25.8	28.7	31.6	34.4	37.3	40.2	4250-4299
4300-4349	14.7	17.6	20.6	23.5	26.4	29.4	32.3	35.3	38.2	41.1	4300-4349
4350-4399	15.0	18.0	21.0	24.1	27.1	30.1	33.1	36.1	39.1	42.1	4350-4399
4400-4449	15.4	18.5	21.5	24.6	27.7	30.8	33.8	36.9	40.0	43.1	4400-4449
4450-4499	15.7	18.9	22.0	25.2	28.3	31.5	34.6	37.7	40.9	44.0	4450-4499
4500-4549	16.1	19.3	22.5	25.7	28.9	32.2	35.4	38.6	41.8	45.0	4500-4549
4550-4599	16.4	19.7	23.0	26.3	29.6	32.9	36.2	39.5	42.7	46.0	4550-4599
4600-4649	16.8	20.2	23.5	26.9	30.2	33.6	37.0	40.3	43.7	47.0	4600-4649
4650-4699	17.2	20.6	24.0	27.5	30.9	34.3	37.8	41.2	44.6	48.1	4650-4699
4700-4749	17.5	21.0	24.5	28.1	31.6	35.1	38.6	42.1	45.6	49.1	4700-4749
4750-4799	17.9	21.5	25.1	28.7	32.2	35.8	39.4	43.0	46.6	50.1	4750-4799
4800-4849	18.3	21.9	25.6	29.3	32.9	36.6	40.2	43.9	47.5	51.2	4800-4849
4850-4899	18.7	22.4	26.1	29.9	33.6	37.3	41.1	44.8	48.5	52.3	4850-4899
4900-4949	19.1	22.9	26.7	30.5	34.3	38.1	41.9	45.7	49.5	53.3	4900-4949
4950-4999	19.4	23.3	27.2	31.1	35.0	38.9	42.8	46.7	50.5	54.4	4950-4999

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	3.0 TO 3.1	3.2 TO 3.3	3.4 TO 3.5	3.6 TO 3.7	3.8 TO 3.9	4.0 TO 4.1	4.2 TO 4.3	4.4 TO 4.5	4.6 TO 4.7	4.8 TO 4.9	CENTRE DIAM CLASS (MM)
VOLUME CUBIC METRES											
100	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	100
110	.03	.03	.04	.04	.04	.04	.04	.05	.05	.05	110
120	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	120
130	.04	.05	.05	.05	.05	.06	.06	.06	.07	.07	130
140	.05	.05	.06	.06	.06	.07	.07	.07	.08	.08	140
150	.06	.06	.06	.07	.07	.08	.08	.08	.09	.09	150
160	.06	.07	.07	.08	.08	.09	.09	.09	.10	.10	160
170	.07	.08	.08	.09	.09	.10	.10	.11	.11	.12	170
180	.08	.09	.09	.10	.10	.11	.11	.12	.12	.13	180
190	.09	.10	.10	.11	.11	.12	.13	.13	.14	.14	190
200	.10	.11	.11	.12	.13	.13	.14	.15	.15	.16	200
210	.11	.12	.12	.13	.14	.15	.15	.16	.17	.17	210
220	.12	.13	.14	.14	.15	.16	.17	.17	.18	.19	220
230	.13	.14	.15	.16	.16	.17	.18	.19	.20	.21	230
240	.14	.15	.16	.17	.18	.19	.20	.21	.22	.23	240
250	.15	.16	.17	.18	.19	.20	.21	.22	.23	.25	250
260	.17	.18	.19	.20	.21	.22	.23	.24	.25	.26	260
270	.18	.19	.20	.21	.23	.24	.25	.26	.27	.29	270
280	.19	.20	.22	.23	.24	.26	.27	.28	.29	.31	280
290	.21	.22	.23	.25	.26	.27	.29	.30	.31	.33	290
300	.22	.23	.25	.26	.28	.29	.31	.32	.34	.35	300
310	.23	.25	.26	.28	.30	.31	.33	.34	.36	.37	310
320	.25	.27	.28	.30	.32	.33	.35	.37	.38	.40	320
330	.26	.28	.30	.32	.33	.35	.37	.39	.41	.42	330
340	.28	.30	.32	.34	.36	.37	.39	.41	.43	.45	340
350	.30	.32	.34	.36	.38	.40	.42	.44	.46	.48	350
360	.31	.33	.36	.38	.40	.42	.44	.46	.48	.50	360
370	.33	.35	.38	.40	.42	.44	.46	.49	.51	.53	370
380	.35	.37	.40	.42	.44	.47	.49	.51	.54	.56	380
390	.37	.39	.42	.44	.47	.49	.51	.54	.56	.59	390
400	.39	.41	.44	.46	.49	.52	.54	.57	.59	.62	400
410	.41	.43	.46	.49	.51	.54	.57	.60	.62	.65	410
420	.43	.45	.48	.51	.54	.57	.60	.62	.65	.68	420
430	.45	.48	.51	.54	.56	.59	.62	.65	.68	.71	430
440	.47	.50	.53	.56	.59	.62	.65	.68	.72	.75	440

LOG LENGTH CLASS=METRES

CENTRE	*	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	*	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

450	*	.49	.52	.55	.59	.62	.65	.68	.72	.75	.78	450
460	*	.51	.54	.58	.61	.65	.68	.71	.75	.78	.82	460
470	*	.53	.57	.60	.64	.67	.71	.74	.78	.82	.85	470
480	*	.55	.59	.63	.67	.70	.74	.78	.81	.85	.89	480
490	*	.58	.62	.65	.69	.73	.77	.81	.85	.89	.92	490

500	*	.60	.64	.68	.72	.76	.80	.84	.88	.92	.96	500
510	*	.62	.67	.71	.75	.79	.83	.87	.92	.96	1.00	510
520	*	.65	.69	.74	.78	.82	.87	.91	.95	1.00	1.04	520
530	*	.67	.72	.76	.81	.85	.90	.94	.99	1.03	1.08	530
540	*	.70	.75	.79	.84	.89	.93	.98	1.03	1.07	1.12	540

550	*	.73	.77	.82	.87	.92	.97	1.02	1.06	1.11	1.16	550
560	*	.75	.80	.85	.90	.95	1.00	1.05	1.10	1.15	1.20	560
570	*	.78	.83	.88	.93	.99	1.04	1.09	1.14	1.19	1.25	570
580	*	.81	.86	.91	.97	1.02	1.08	1.13	1.18	1.24	1.29	580
590	*	.83	.89	.95	1.00	1.06	1.11	1.17	1.22	1.28	1.33	590

600	*	.86	.92	.98	1.03	1.09	1.15	1.21	1.26	1.32	1.38	600
610	*	.89	.95	1.01	1.07	1.13	1.19	1.25	1.31	1.37	1.43	610
620	*	.92	.98	1.04	1.10	1.17	1.23	1.29	1.35	1.41	1.47	620
630	*	.95	1.01	1.08	1.14	1.20	1.27	1.33	1.39	1.46	1.52	630
640	*	.98	1.05	1.11	1.18	1.24	1.31	1.37	1.44	1.50	1.57	640

650	*	1.01	1.08	1.15	1.21	1.28	1.35	1.42	1.48	1.55	1.62	650
660	*	1.04	1.11	1.18	1.25	1.32	1.39	1.46	1.53	1.60	1.67	660
670	*	1.07	1.15	1.22	1.29	1.36	1.43	1.50	1.57	1.65	1.72	670
680	*	1.11	1.18	1.25	1.33	1.40	1.47	1.55	1.62	1.70	1.77	680
690	*	1.14	1.21	1.29	1.37	1.44	1.52	1.59	1.67	1.75	1.82	690

700	*	1.17	1.25	1.33	1.41	1.48	1.56	1.64	1.72	1.80	1.87	700
710	*	1.20	1.28	1.37	1.45	1.53	1.61	1.69	1.77	1.85	1.93	710
720	*	1.24	1.32	1.40	1.49	1.57	1.65	1.73	1.82	1.90	1.98	720
730	*	1.27	1.36	1.44	1.53	1.61	1.70	1.78	1.87	1.95	2.04	730
740	*	1.31	1.39	1.48	1.57	1.66	1.74	1.83	1.92	2.01	2.09	740

750	*	1.34	1.43	1.52	1.61	1.70	1.79	1.88	1.97	2.06	2.15	750
760	*	1.38	1.47	1.56	1.65	1.75	1.84	1.93	2.02	2.11	2.21	760
770	*	1.42	1.51	1.60	1.70	1.79	1.89	1.98	2.08	2.17	2.26	770
780	*	1.45	1.55	1.65	1.74	1.84	1.94	2.03	2.13	2.23	2.32	780
790	*	1.49	1.59	1.69	1.79	1.89	1.99	2.08	2.18	2.28	2.38	790

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 3.0 * TO * 3.1	* 3.2 * TO * 3.3	* 3.4 * TO * 3.5	* 3.6 * TO * 3.7	* 3.8 * TO * 3.9	* 4.0 * TO * 4.1	* 4.2 * TO * 4.3	* 4.4 * TO * 4.5	* 4.6 * TO * 4.7	* 4.8 * TO * 4.9	* CENTRE * DIAM * CLASS * (MM)
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VOLUME CUBIC METRES

800	* 1.53	* 1.63	* 1.73	* 1.83	* 1.93	* 2.04	* 2.14	* 2.24	* 2.34	* 2.44	* 800
810	* 1.57	* 1.67	* 1.77	* 1.88	* 1.98	* 2.09	* 2.19	* 2.30	* 2.40	* 2.50	* 810
820	* 1.60	* 1.71	* 1.82	* 1.92	* 2.03	* 2.14	* 2.25	* 2.35	* 2.46	* 2.57	* 820
830	* 1.64	* 1.75	* 1.86	* 1.97	* 2.08	* 2.19	* 2.30	* 2.41	* 2.52	* 2.63	* 830
840	* 1.68	* 1.79	* 1.91	* 2.02	* 2.13	* 2.24	* 2.36	* 2.47	* 2.58	* 2.69	* 840
850	* 1.72	* 1.84	* 1.95	* 2.07	* 2.18	* 2.30	* 2.41	* 2.53	* 2.64	* 2.76	* 850
860	* 1.76	* 1.88	* 2.00	* 2.12	* 2.23	* 2.35	* 2.47	* 2.59	* 2.70	* 2.82	* 860
870	* 1.80	* 1.92	* 2.04	* 2.16	* 2.29	* 2.41	* 2.53	* 2.65	* 2.77	* 2.89	* 870
880	* 1.85	* 1.97	* 2.09	* 2.21	* 2.34	* 2.46	* 2.58	* 2.71	* 2.83	* 2.95	* 880
890	* 1.89	* 2.01	* 2.14	* 2.26	* 2.39	* 2.52	* 2.64	* 2.77	* 2.89	* 3.02	* 890
900	* 1.93	* 2.06	* 2.19	* 2.32	* 2.44	* 2.57	* 2.70	* 2.83	* 2.96	* 3.09	* 900
910	* 1.97	* 2.10	* 2.24	* 2.37	* 2.50	* 2.63	* 2.76	* 2.89	* 3.02	* 3.16	* 910
920	* 2.02	* 2.15	* 2.28	* 2.42	* 2.55	* 2.69	* 2.82	* 2.96	* 3.09	* 3.23	* 920
930	* 2.06	* 2.20	* 2.33	* 2.47	* 2.61	* 2.75	* 2.88	* 3.02	* 3.16	* 3.30	* 930
940	* 2.10	* 2.24	* 2.38	* 2.52	* 2.67	* 2.81	* 2.95	* 3.09	* 3.23	* 3.37	* 940
950	* 2.15	* 2.29	* 2.44	* 2.58	* 2.72	* 2.87	* 3.01	* 3.15	* 3.29	* 3.44	* 950
960	* 2.19	* 2.34	* 2.49	* 2.63	* 2.78	* 2.93	* 3.07	* 3.22	* 3.36	* 3.51	* 960
970	* 2.24	* 2.39	* 2.54	* 2.69	* 2.84	* 2.99	* 3.14	* 3.29	* 3.43	* 3.58	* 970
980	* 2.29	* 2.44	* 2.59	* 2.74	* 2.90	* 3.05	* 3.20	* 3.35	* 3.51	* 3.66	* 980
990	* 2.33	* 2.49	* 2.64	* 2.80	* 2.95	* 3.11	* 3.27	* 3.42	* 3.58	* 3.73	* 990
1000	* 2.38	* 2.54	* 2.70	* 2.86	* 3.01	* 3.17	* 3.33	* 3.49	* 3.65	* 3.81	* 1000
1010	* 2.43	* 2.59	* 2.75	* 2.91	* 3.07	* 3.24	* 3.40	* 3.56	* 3.72	* 3.88	* 1010
1020	* 2.48	* 2.64	* 2.81	* 2.97	* 3.14	* 3.30	* 3.47	* 3.63	* 3.80	* 3.96	* 1020
1030	* 2.52	* 2.69	* 2.86	* 3.03	* 3.20	* 3.37	* 3.53	* 3.70	* 3.87	* 4.04	* 1030
1040	* 2.57	* 2.74	* 2.92	* 3.09	* 3.26	* 3.43	* 3.60	* 3.77	* 3.95	* 4.12	* 1040
1050	* 2.62	* 2.80	* 2.97	* 3.15	* 3.32	* 3.50	* 3.67	* 3.85	* 4.02	* 4.20	* 1050
1060	* 2.67	* 2.85	* 3.03	* 3.21	* 3.39	* 3.56	* 3.74	* 3.92	* 4.10	* 4.28	* 1060
1070	* 2.72	* 2.90	* 3.09	* 3.27	* 3.45	* 3.63	* 3.81	* 3.99	* 4.18	* 4.36	* 1070
1080	* 2.77	* 2.96	* 3.14	* 3.33	* 3.51	* 3.70	* 3.88	* 4.07	* 4.25	* 4.44	* 1080
1090	* 2.83	* 3.01	* 3.20	* 3.39	* 3.58	* 3.77	* 3.96	* 4.14	* 4.33	* 4.52	* 1090
1100	* 2.88	* 3.07	* 3.26	* 3.45	* 3.64	* 3.84	* 4.03	* 4.22	* 4.41	* 4.60	* 1100
1110	* 2.93	* 3.12	* 3.32	* 3.52	* 3.71	* 3.91	* 4.10	* 4.30	* 4.49	* 4.69	* 1110
1120	* 2.98	* 3.18	* 3.38	* 3.58	* 3.78	* 3.98	* 4.17	* 4.37	* 4.57	* 4.77	* 1120
1130	* 3.04	* 3.24	* 3.44	* 3.64	* 3.84	* 4.05	* 4.25	* 4.45	* 4.65	* 4.86	* 1130
1140	* 3.09	* 3.29	* 3.50	* 3.71	* 3.91	* 4.12	* 4.32	* 4.53	* 4.74	* 4.94	* 1140

LOG LENGTH CLASS-METRES

CENTRE	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS (MM)	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	CLASS (MM)
VOLUME CUBIC METRES											
1150	3.14	3.35	3.56	3.77	3.98	4.19	4.40	4.61	4.82	5.03	1150
1160	3.20	3.41	3.62	3.84	4.05	4.26	4.48	4.69	4.90	5.12	1160
1170	3.25	3.47	3.69	3.90	4.12	4.34	4.55	4.77	4.99	5.20	1170
1180	3.31	3.53	3.75	3.97	4.19	4.41	4.63	4.85	5.07	5.29	1180
1190	3.36	3.59	3.81	4.04	4.26	4.49	4.71	4.93	5.16	5.38	1190
1200	3.42	3.65	3.88	4.11	4.33	4.56	4.79	5.02	5.25	5.47	1200
1210	3.48	3.71	3.94	4.17	4.41	4.64	4.87	5.10	5.33	5.57	1210
1220	3.54	3.77	4.01	4.24	4.48	4.71	4.95	5.19	5.42	5.66	1220
1230	3.59	3.83	4.07	4.31	4.55	4.79	5.03	5.27	5.51	5.75	1230
1240	3.65	3.90	4.14	4.38	4.63	4.87	5.11	5.36	5.60	5.84	1240
1250	3.71	3.96	4.21	4.45	4.70	4.95	5.20	5.44	5.69	5.94	1250
1260	3.77	4.02	4.27	4.52	4.78	5.03	5.28	5.53	5.78	6.03	1260
1270	3.83	4.09	4.34	4.60	4.85	5.11	5.36	5.62	5.87	6.13	1270
1280	3.89	4.15	4.41	4.67	4.93	5.19	5.45	5.71	5.97	6.22	1280
1290	3.95	4.21	4.48	4.74	5.01	5.27	5.53	5.80	6.06	6.32	1290
1300	4.01	4.28	4.55	4.82	5.08	5.35	5.62	5.89	6.15	6.42	1300
1310	4.07	4.35	4.62	4.89	5.16	5.43	5.70	5.98	6.25	6.52	1310
1320	4.14	4.41	4.69	4.96	5.24	5.52	5.79	6.07	6.34	6.62	1320
1330	4.20	4.48	4.76	5.04	5.32	5.60	5.88	6.16	6.44	6.72	1330
1340	4.26	4.55	4.83	5.11	5.40	5.68	5.97	6.25	6.54	6.82	1340
1350	4.33	4.61	4.90	5.19	5.48	5.77	6.06	6.34	6.63	6.92	1350
1360	4.39	4.68	4.98	5.27	5.56	5.85	6.15	6.44	6.73	7.02	1360
1370	4.45	4.75	5.05	5.35	5.64	5.94	6.24	6.53	6.83	7.13	1370
1380	4.52	4.82	5.12	5.42	5.72	6.03	6.33	6.63	6.93	7.23	1380
1390	4.59	4.89	5.20	5.50	5.81	6.11	6.42	6.72	7.03	7.34	1390
1400	4.65	4.96	5.27	5.58	5.89	6.20	6.51	6.82	7.13	7.44	1400
1410	4.72	5.03	5.35	5.66	5.98	6.29	6.60	6.92	7.23	7.55	1410
1420	4.78	5.10	5.42	5.74	6.06	6.38	6.70	7.02	7.34	7.66	1420
1430	4.85	5.18	5.50	5.82	6.15	6.47	6.79	7.12	7.44	7.76	1430
1440	4.92	5.25	5.58	5.90	6.23	6.56	6.89	7.22	7.54	7.87	1440
1450	4.99	5.32	5.65	5.99	6.32	6.65	6.98	7.32	7.65	7.98	1450
1460	5.06	5.39	5.73	6.07	6.41	6.74	7.08	7.42	7.75	8.09	1460
1470	5.13	5.47	5.81	6.15	6.49	6.83	7.18	7.52	7.86	8.20	1470
1480	5.20	5.54	5.89	6.24	6.58	6.93	7.27	7.62	7.97	8.31	1480
1490	5.27	5.62	5.97	6.32	6.67	7.02	7.37	7.72	8.07	8.43	1490

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 3.0 * TO * 3.1	* 3.2 * TO * 3.3	* 3.4 * TO * 3.5	* 3.6 * TO * 3.7	* 3.8 * TO * 3.9	* 4.0 * TO * 4.1	* 4.2 * TO * 4.3	* 4.4 * TO * 4.5	* 4.6 * TO * 4.7	* 4.8 * TO * 4.9	* CENTRE * DIAM * CLASS * (MM)
VOLUME CUBIC METRES											
1500-1519	5.37	5.73	6.09	6.45	6.80	7.16	7.52	7.88	8.24	8.60	1500-1519
1520-1539	5.52	5.88	6.25	6.62	6.99	7.35	7.72	8.09	8.46	8.82	1520-1539
1540-1559	5.66	6.04	6.42	6.79	7.17	7.55	7.93	8.30	8.68	9.06	1540-1559
1560-1579	5.81	6.19	6.58	6.97	7.36	7.74	8.13	8.52	8.91	9.29	1560-1579
1580-1599	5.96	6.35	6.75	7.15	7.55	7.94	8.34	8.74	9.13	9.53	1580-1599
1600-1619	6.11	6.51	6.92	7.33	7.74	8.14	8.55	8.96	9.36	9.77	1600-1619
1620-1639	6.26	6.68	7.09	7.51	7.93	8.35	8.76	9.18	9.60	10.02	1620-1639
1640-1659	6.41	6.84	7.27	7.70	8.13	8.55	8.98	9.41	9.84	10.26	1640-1659
1660-1679	6.57	7.01	7.45	7.89	8.32	8.76	9.20	9.64	10.08	10.51	1660-1679
1680-1699	6.73	7.18	7.63	8.08	8.52	8.97	9.42	9.87	10.32	10.77	1680-1699
1700-1719	6.89	7.35	7.81	8.27	8.73	9.19	9.65	10.10	10.56	11.02	1700-1719
1720-1739	7.05	7.52	7.99	8.46	8.93	9.40	9.87	10.34	10.81	11.28	1720-1739
1740-1759	7.22	7.70	8.18	8.66	9.14	9.62	10.10	10.58	11.06	11.55	1740-1759
1760-1779	7.38	7.87	8.37	8.86	9.35	9.84	10.33	10.83	11.32	11.81	1760-1779
1780-1799	7.55	8.05	8.56	9.06	9.56	10.07	10.57	11.07	11.58	12.08	1780-1799
1800-1819	7.72	8.23	8.75	9.26	9.78	10.29	10.81	11.32	11.84	12.35	1800-1819
1820-1839	7.89	8.42	8.94	9.47	9.99	10.52	11.05	11.57	12.10	12.63	1820-1839
1840-1859	8.06	8.60	9.14	9.68	10.21	10.75	11.29	11.83	12.36	12.90	1840-1859
1860-1879	8.24	8.79	9.34	9.89	10.44	10.99	11.54	12.08	12.63	13.18	1860-1879
1880-1899	8.42	8.98	9.54	10.10	10.66	11.22	11.78	12.34	12.91	13.47	1880-1899
1900-1919	8.60	9.17	9.74	10.31	10.89	11.46	12.03	12.61	13.18	13.75	1900-1919
1920-1939	8.78	9.36	9.95	10.53	11.12	11.70	12.29	12.87	13.46	14.04	1920-1939
1940-1959	8.96	9.56	10.15	10.75	11.35	11.95	12.54	13.14	13.74	14.34	1940-1959
1960-1979	9.14	9.75	10.36	10.97	11.58	12.19	12.80	13.41	14.02	14.63	1960-1979
1980-1999	9.33	9.95	10.57	11.20	11.82	12.44	13.06	13.69	14.31	14.93	1980-1999

LOG LENGTH CLASS=METRES

CENTRE	*	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	* CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	*	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	* CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

2000-2019	*	9.52	10.15	10.79	11.42	12.06	12.69	13.33	13.96	14.60	15.23	* 2000-2019
2020-2039	*	9.71	10.36	11.00	11.65	12.30	12.95	13.59	14.24	14.89	15.54	* 2020-2039
2040-2059	*	9.90	10.56	11.22	11.88	12.54	13.20	13.86	14.52	15.18	15.84	* 2040-2059
2060-2079	*	10.10	10.77	11.44	12.12	12.79	13.46	14.13	14.81	15.48	16.15	* 2060-2079
2080-2099	*	10.29	10.98	11.66	12.35	13.04	13.72	14.41	15.10	15.78	16.47	* 2080-2099

2100-2119	*	10.49	11.19	11.89	12.59	13.29	13.99	14.69	15.39	16.08	16.78	* 2100-2119
2120-2139	*	10.69	11.40	12.12	12.83	13.54	14.25	14.97	15.68	16.39	17.10	* 2120-2139
2140-2159	*	10.89	11.62	12.34	13.07	13.80	14.52	15.25	15.97	16.70	17.43	* 2140-2159
2160-2179	*	11.10	11.83	12.57	13.31	14.05	14.79	15.53	16.27	17.01	17.75	* 2160-2179
2180-2199	*	11.30	12.05	12.81	13.56	14.31	15.07	15.82	16.57	17.33	18.08	* 2180-2199

2200-2219	*	11.51	12.28	13.04	13.81	14.58	15.34	16.11	16.88	17.65	18.41	* 2200-2219
2220-2239	*	11.72	12.50	13.28	14.06	14.84	15.62	16.40	17.19	17.97	18.75	* 2220-2239
2240-2259	*	11.93	12.72	13.52	14.31	15.11	15.90	16.70	17.49	18.29	19.09	* 2240-2259
2260-2279	*	12.14	12.95	13.76	14.57	15.38	16.19	17.00	17.81	18.62	19.43	* 2260-2279
2280-2299	*	12.36	13.18	14.00	14.83	15.65	16.47	17.30	18.12	18.95	19.77	* 2280-2299

2300-2319	*	12.57	13.41	14.25	15.09	15.93	16.76	17.60	18.44	19.28	20.12	* 2300-2319
2320-2339	*	12.79	13.64	14.50	15.35	16.20	17.06	17.91	18.76	19.61	20.47	* 2320-2339
2340-2359	*	13.01	13.88	14.75	15.61	16.48	17.35	18.22	19.08	19.95	20.82	* 2340-2359
2360-2379	*	13.23	14.12	15.00	15.88	16.76	17.65	18.53	19.41	20.29	21.18	* 2360-2379
2380-2399	*	13.46	14.36	15.25	16.15	17.05	17.95	18.84	19.74	20.64	21.53	* 2380-2399

2400-2419	*	13.69	14.60	15.51	16.42	17.33	18.25	19.16	20.07	20.98	21.90	* 2400-2419
2420-2439	*	13.91	14.84	15.77	16.70	17.62	18.55	19.48	20.41	21.33	22.26	* 2420-2439
2440-2459	*	14.14	15.09	16.03	16.97	17.91	18.86	19.80	20.74	21.69	22.63	* 2440-2459
2460-2479	*	14.37	15.33	16.29	17.25	18.21	19.17	20.12	21.08	22.04	23.00	* 2460-2479
2480-2499	*	14.61	15.58	16.56	17.53	18.50	19.48	20.45	21.43	22.40	23.37	* 2480-2499

LOG LENGTH CLASS-METRES

CENTRE	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

2500-2549	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	2500-2549
2550-2599	15.6	16.7	17.7	18.7	19.8	20.8	21.9	22.9	24.0	25.0	2550-2599
2600-2649	16.2	17.3	18.4	19.5	20.6	21.6	22.7	23.8	24.9	26.0	2600-2649
2650-2699	16.9	18.0	19.1	20.2	21.4	22.5	23.6	24.7	25.9	27.0	2650-2699
2700-2749	17.5	18.7	19.8	21.0	22.2	23.3	24.5	25.7	26.8	28.0	2700-2749
2750-2799	18.1	19.4	20.6	21.8	23.0	24.2	25.4	26.6	27.8	29.0	2750-2799
2800-2849	18.8	20.1	21.3	22.6	23.8	25.1	26.3	27.6	28.8	30.1	2800-2849
2850-2899	19.5	20.8	22.1	23.4	24.7	26.0	27.3	28.6	29.9	31.2	2850-2899
2900-2949	20.2	21.5	22.8	24.2	25.5	26.9	28.2	29.6	30.9	32.3	2900-2949
2950-2999	20.9	22.2	23.6	25.0	26.4	27.8	29.2	30.6	32.0	33.4	2950-2999
3000-3049	21.6	23.0	24.4	25.9	27.3	28.7	30.2	31.6	33.1	34.5	3000-3049
3050-3099	22.3	23.8	25.2	26.7	28.2	29.7	31.2	32.7	34.2	35.6	3050-3099
3100-3149	23.0	24.5	26.1	27.6	29.1	30.7	32.2	33.7	35.3	36.8	3100-3149
3150-3199	23.8	25.3	26.9	28.5	30.1	31.7	33.3	34.8	36.4	38.0	3150-3199
3200-3249	24.5	26.1	27.8	29.4	31.0	32.7	34.3	35.9	37.6	39.2	3200-3249
3250-3299	25.3	27.0	28.6	30.3	32.0	33.7	35.4	37.1	38.7	40.4	3250-3299
3300-3349	26.0	27.8	29.5	31.3	33.0	34.7	36.5	38.2	39.9	41.7	3300-3349
3350-3399	26.8	28.6	30.4	32.2	34.0	35.8	37.6	39.4	41.2	42.9	3350-3399
3400-3449	27.6	29.5	31.3	33.2	35.0	36.9	38.7	40.5	42.4	44.2	3400-3449
3450-3499	28.5	30.3	32.2	34.1	36.0	37.9	39.8	41.7	43.6	45.5	3450-3499
3500-3549	29.3	31.2	33.2	35.1	37.1	39.0	41.0	42.9	44.9	46.8	3500-3549
3550-3599	30.1	32.1	34.1	36.1	38.1	40.2	42.2	44.2	46.2	48.2	3550-3599
3600-3649	31.0	33.0	35.1	37.2	39.2	41.3	43.3	45.4	47.5	49.5	3600-3649
3650-3699	31.8	33.9	36.1	38.2	40.3	42.4	44.6	46.7	48.8	50.9	3650-3699
3700-3749	32.7	34.9	37.1	39.2	41.4	43.6	45.8	48.0	50.1	52.3	3700-3749

LOG LENGTH CLASS--METRES

CENTRE DIAM CLASS (MM)	* 3.0	* 3.2	* 3.4	* 3.6	* 3.8	* 4.0	* 4.2	* 4.4	* 4.6	* 4.8	* CENTRE DIAM CLASS (MM)
	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	
	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	
VOLUME CUBIC METRES											
3750-3799	* 33.6	* 35.8	* 38.1	* 40.3	* 42.5	* 44.8	* 47.0	* 49.2	* 51.5	* 53.7	* 3750-3799
3800-3849	* 34.5	* 36.8	* 39.1	* 41.4	* 43.7	* 46.0	* 48.3	* 50.6	* 52.9	* 55.2	* 3800-3849
3850-3899	* 35.4	* 37.7	* 40.1	* 42.5	* 44.8	* 47.2	* 49.5	* 51.9	* 54.2	* 56.6	* 3850-3899
3900-3949	* 36.3	* 38.7	* 41.1	* 43.6	* 46.0	* 48.4	* 50.8	* 53.2	* 55.7	* 58.1	* 3900-3949
3950-3999	* 37.2	* 39.7	* 42.2	* 44.7	* 47.2	* 49.6	* 52.1	* 54.6	* 57.1	* 59.6	* 3950-3999
4000-4049	* 38.2	* 40.7	* 43.3	* 45.8	* 48.4	* 50.9	* 53.4	* 56.0	* 58.5	* 61.1	* 4000-4049
4050-4099	* 39.1	* 41.7	* 44.3	* 47.0	* 49.6	* 52.2	* 54.8	* 57.4	* 60.0	* 62.6	* 4050-4099
4100-4149	* 40.1	* 42.8	* 45.4	* 48.1	* 50.8	* 53.5	* 56.1	* 58.8	* 61.5	* 64.1	* 4100-4149
4150-4199	* 41.1	* 43.8	* 46.5	* 49.3	* 52.0	* 54.8	* 57.5	* 60.2	* 63.0	* 65.7	* 4150-4199
4200-4249	* 42.1	* 44.9	* 47.7	* 50.5	* 53.3	* 56.1	* 58.9	* 61.7	* 64.5	* 67.3	* 4200-4249
4250-4299	* 43.1	* 45.9	* 48.8	* 51.7	* 54.5	* 57.4	* 60.3	* 63.2	* 66.0	* 68.9	* 4250-4299
4300-4349	* 44.1	* 47.0	* 50.0	* 52.9	* 55.8	* 58.8	* 61.7	* 64.6	* 67.6	* 70.5	* 4300-4349
4350-4399	* 45.1	* 48.1	* 51.1	* 54.1	* 57.1	* 60.1	* 63.1	* 66.1	* 69.2	* 72.2	* 4350-4399
4400-4449	* 46.1	* 49.2	* 52.3	* 55.4	* 58.4	* 61.5	* 64.6	* 67.7	* 70.7	* 73.8	* 4400-4449
4450-4499	* 47.2	* 50.3	* 53.5	* 56.6	* 59.8	* 62.9	* 66.1	* 69.2	* 72.3	* 75.5	* 4450-4499
4500-4549	* 48.2	* 51.5	* 54.7	* 57.9	* 61.1	* 64.3	* 67.5	* 70.8	* 74.0	* 77.2	* 4500-4549
4550-4599	* 49.3	* 52.6	* 55.9	* 59.2	* 62.5	* 65.8	* 69.0	* 72.3	* 75.6	* 78.9	* 4550-4599
4600-4649	* 50.4	* 53.8	* 57.1	* 60.5	* 63.8	* 67.2	* 70.6	* 73.9	* 77.3	* 80.6	* 4600-4649
4650-4699	* 51.5	* 54.9	* 58.4	* 61.8	* 65.2	* 68.7	* 72.1	* 75.5	* 79.0	* 82.4	* 4650-4699
4700-4749	* 52.6	* 56.1	* 59.6	* 63.1	* 66.6	* 70.1	* 73.6	* 77.2	* 80.7	* 84.2	* 4700-4749
4750-4799	* 53.7	* 57.3	* 60.9	* 64.5	* 68.0	* 71.6	* 75.2	* 78.8	* 82.4	* 86.0	* 4750-4799
4800-4849	* 54.9	* 58.5	* 62.2	* 65.8	* 69.5	* 73.1	* 76.8	* 80.5	* 84.1	* 87.8	* 4800-4849
4850-4899	* 56.0	* 59.7	* 63.5	* 67.2	* 70.9	* 74.7	* 78.4	* 82.1	* 85.9	* 89.6	* 4850-4899
4900-4949	* 57.2	* 61.0	* 64.8	* 68.6	* 72.4	* 76.2	* 80.0	* 83.8	* 87.6	* 91.4	* 4900-4949
4950-4999	* 58.3	* 62.2	* 66.1	* 70.0	* 73.9	* 77.8	* 81.6	* 85.5	* 89.4	* 93.3	* 4950-4999

***** LOG LENGTH CLASS=METRES *****											
CENTRE	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.9	CLASS
(MM)											(MM)
***** VOLUME CUBIC METRES *****											
100	.04	.05	.05	.05	.05	.05	.05	.06	.06	.06	100
110	.05	.05	.06	.06	.06	.06	.06	.07	.07	.07	110
120	.06	.06	.07	.07	.07	.07	.08	.08	.08	.08	120
130	.07	.07	.08	.08	.08	.09	.09	.09	.09	.10	130
140	.08	.09	.09	.09	.10	.10	.10	.11	.11	.11	140
150	.09	.10	.10	.11	.11	.11	.12	.12	.12	.13	150
160	.11	.11	.12	.12	.12	.13	.13	.14	.14	.15	160
170	.12	.13	.13	.13	.14	.14	.15	.15	.16	.16	170
180	.13	.14	.15	.15	.16	.16	.17	.17	.18	.18	180
190	.15	.16	.16	.17	.17	.18	.19	.19	.20	.20	190
200	.17	.17	.18	.18	.19	.20	.20	.21	.22	.22	200
210	.18	.19	.20	.20	.21	.22	.23	.23	.24	.25	210
220	.20	.21	.21	.22	.23	.24	.25	.25	.26	.27	220
230	.22	.23	.23	.24	.25	.26	.27	.28	.29	.29	230
240	.24	.25	.25	.26	.27	.28	.29	.30	.31	.32	240
250	.26	.27	.28	.29	.30	.31	.32	.33	.34	.35	250
260	.28	.29	.30	.31	.32	.33	.34	.35	.36	.38	260
270	.30	.31	.32	.33	.34	.36	.37	.38	.39	.40	270
280	.32	.33	.34	.36	.37	.38	.40	.41	.42	.43	280
290	.34	.36	.37	.38	.40	.41	.42	.44	.45	.46	290
300	.37	.38	.39	.41	.42	.44	.45	.47	.48	.50	300
310	.39	.41	.42	.44	.45	.47	.48	.50	.51	.53	310
320	.41	.43	.45	.46	.48	.50	.51	.53	.55	.56	320
330	.44	.46	.48	.49	.51	.53	.55	.56	.58	.60	330
340	.47	.49	.50	.52	.54	.56	.58	.60	.62	.64	340
350	.49	.51	.53	.55	.57	.59	.61	.63	.65	.67	350
360	.52	.54	.57	.59	.61	.63	.65	.67	.69	.71	360
370	.55	.57	.60	.62	.64	.66	.68	.71	.73	.75	370
380	.58	.61	.63	.65	.68	.70	.72	.75	.77	.79	380
390	.61	.64	.66	.69	.71	.74	.76	.78	.81	.83	390
400	.64	.67	.70	.72	.75	.77	.80	.82	.85	.88	400
410	.68	.70	.73	.76	.78	.81	.84	.87	.89	.92	410
420	.71	.74	.77	.79	.82	.85	.88	.91	.94	.96	420
430	.74	.77	.80	.83	.86	.89	.92	.95	.98	1.01	430
440	.78	.81	.84	.87	.90	.93	.96	1.00	1.03	1.06	440

LOG LENGTH CLASS-METRES

CENTRE	*	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	* CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	*	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.9	* CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

450	*	.81	.85	.88	.91	.94	.98	1.01	1.04	1.07	1.11	* 450
460	*	.85	.88	.92	.95	.98	1.02	1.05	1.09	1.12	1.15	* 460
470	*	.89	.92	.96	.99	1.03	1.06	1.10	1.13	1.17	1.20	* 470
480	*	.92	.96	1.00	1.03	1.07	1.11	1.15	1.18	1.22	1.26	* 480
490	*	.96	1.00	1.04	1.08	1.12	1.15	1.19	1.23	1.27	1.31	* 490

500	*	1.00	1.04	1.08	1.12	1.16	1.20	1.24	1.28	1.32	1.36	* 500
510	*	1.04	1.08	1.12	1.17	1.21	1.25	1.29	1.33	1.37	1.42	* 510
520	*	1.08	1.13	1.17	1.21	1.26	1.30	1.34	1.39	1.43	1.47	* 520
530	*	1.12	1.17	1.21	1.26	1.30	1.35	1.39	1.44	1.48	1.53	* 530
540	*	1.17	1.21	1.26	1.31	1.35	1.40	1.45	1.49	1.54	1.59	* 540

550	*	1.21	1.26	1.31	1.35	1.40	1.45	1.50	1.55	1.60	1.65	* 550
560	*	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	* 560
570	*	1.30	1.35	1.40	1.45	1.51	1.56	1.61	1.66	1.71	1.77	* 570
580	*	1.34	1.40	1.45	1.51	1.56	1.61	1.67	1.72	1.77	1.83	* 580
590	*	1.39	1.45	1.50	1.56	1.61	1.67	1.72	1.78	1.84	1.89	* 590

600	*	1.44	1.49	1.55	1.61	1.67	1.72	1.78	1.84	1.90	1.95	* 600
610	*	1.49	1.54	1.60	1.66	1.72	1.78	1.84	1.90	1.96	2.02	* 610
620	*	1.53	1.60	1.66	1.72	1.78	1.84	1.90	1.96	2.02	2.09	* 620
630	*	1.58	1.65	1.71	1.77	1.84	1.90	1.96	2.03	2.09	2.15	* 630
640	*	1.63	1.70	1.76	1.83	1.90	1.96	2.03	2.09	2.16	2.22	* 640

650	*	1.68	1.75	1.82	1.89	1.95	2.02	2.09	2.16	2.22	2.29	* 650
660	*	1.74	1.81	1.88	1.95	2.01	2.08	2.15	2.22	2.29	2.36	* 660
670	*	1.79	1.86	1.93	2.00	2.08	2.15	2.22	2.29	2.36	2.43	* 670
680	*	1.84	1.92	1.99	2.06	2.14	2.21	2.28	2.36	2.43	2.51	* 680
690	*	1.90	1.97	2.05	2.12	2.20	2.28	2.35	2.43	2.50	2.58	* 690

700	*	1.95	2.03	2.11	2.19	2.26	2.34	2.42	2.50	2.58	2.65	* 700
710	*	2.01	2.09	2.17	2.25	2.33	2.41	2.49	2.57	2.65	2.73	* 710
720	*	2.06	2.15	2.23	2.31	2.39	2.48	2.56	2.64	2.72	2.81	* 720
730	*	2.12	2.21	2.29	2.38	2.46	2.55	2.63	2.72	2.80	2.89	* 730
740	*	2.18	2.27	2.35	2.44	2.53	2.62	2.70	2.79	2.88	2.96	* 740

750	*	2.24	2.33	2.42	2.51	2.60	2.69	2.78	2.87	2.95	3.04	* 750
760	*	2.30	2.39	2.48	2.57	2.67	2.76	2.85	2.94	3.03	3.13	* 760
770	*	2.36	2.45	2.55	2.64	2.74	2.83	2.92	3.02	3.11	3.21	* 770
780	*	2.42	2.52	2.61	2.71	2.81	2.90	3.00	3.10	3.19	3.29	* 780
790	*	2.48	2.58	2.68	2.78	2.88	2.98	3.08	3.18	3.28	3.38	* 790

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	5.0 TO 5.1	5.2 TO 5.3	5.4 TO 5.5	5.6 TO 5.7	5.8 TO 5.9	6.0 TO 6.1	6.2 TO 6.3	6.4 TO 6.5	6.6 TO 6.7	6.8 TO 6.9	CENTRE DIAM CLASS (MM)
VOLUME CUBIC METRES											
800	2.54	2.65	2.75	2.85	2.95	3.05	3.16	3.26	3.36	3.46	800
810	2.61	2.71	2.82	2.92	3.03	3.13	3.23	3.34	3.44	3.55	810
820	2.67	2.78	2.89	2.99	3.10	3.21	3.31	3.42	3.53	3.64	820
830	2.74	2.85	2.96	3.07	3.18	3.29	3.40	3.50	3.61	3.72	830
840	2.80	2.92	3.03	3.14	3.25	3.36	3.48	3.59	3.70	3.81	840
850	2.87	2.99	3.10	3.22	3.33	3.44	3.56	3.67	3.79	3.90	850
860	2.94	3.06	3.17	3.29	3.41	3.53	3.64	3.76	3.88	4.00	860
870	3.01	3.13	3.25	3.37	3.49	3.61	3.73	3.85	3.97	4.09	870
880	3.08	3.20	3.32	3.44	3.57	3.69	3.81	3.94	4.06	4.18	880
890	3.15	3.27	3.40	3.52	3.65	3.77	3.90	4.03	4.15	4.28	890
900	3.22	3.34	3.47	3.60	3.73	3.86	3.99	4.12	4.25	4.37	900
910	3.29	3.42	3.55	3.68	3.81	3.95	4.08	4.21	4.34	4.47	910
920	3.36	3.49	3.63	3.76	3.90	4.03	4.17	4.30	4.44	4.57	920
930	3.43	3.57	3.71	3.85	3.98	4.12	4.26	4.39	4.53	4.67	930
940	3.51	3.65	3.79	3.93	4.07	4.21	4.35	4.49	4.63	4.77	940
950	3.58	3.72	3.87	4.01	4.15	4.30	4.44	4.58	4.73	4.87	950
960	3.66	3.80	3.95	4.10	4.24	4.39	4.53	4.68	4.83	4.97	960
970	3.73	3.88	4.03	4.18	4.33	4.48	4.63	4.78	4.93	5.08	970
980	3.81	3.96	4.11	4.27	4.42	4.57	4.72	4.88	5.03	5.18	980
990	3.89	4.04	4.20	4.35	4.51	4.67	4.82	4.98	5.13	5.29	990
1000	3.97	4.13	4.28	4.44	4.60	4.76	4.92	5.08	5.24	5.39	1000
1010	4.05	4.21	4.37	4.53	4.69	4.85	5.02	5.18	5.34	5.50	1010
1020	4.13	4.29	4.46	4.62	4.79	4.95	5.12	5.28	5.45	5.61	1020
1030	4.21	4.37	4.54	4.71	4.88	5.05	5.22	5.38	5.55	5.72	1030
1040	4.29	4.46	4.63	4.80	4.97	5.15	5.32	5.49	5.66	5.83	1040
1050	4.37	4.55	4.72	4.90	5.07	5.25	5.42	5.59	5.77	5.94	1050
1060	4.45	4.63	4.81	4.99	5.17	5.34	5.52	5.70	5.88	6.06	1060
1070	4.54	4.72	4.90	5.08	5.26	5.45	5.63	5.81	5.99	6.17	1070
1080	4.62	4.81	4.99	5.18	5.36	5.55	5.73	5.92	6.10	6.29	1080
1090	4.71	4.90	5.09	5.27	5.46	5.65	5.84	6.03	6.22	6.40	1090
1100	4.79	4.99	5.18	5.37	5.56	5.75	5.95	6.14	6.33	6.52	1100
1110	4.88	5.08	5.27	5.47	5.66	5.86	6.05	6.25	6.44	6.64	1110
1120	4.97	5.17	5.37	5.57	5.77	5.96	6.16	6.36	6.56	6.76	1120
1130	5.06	5.26	5.46	5.67	5.87	6.07	6.27	6.48	6.68	6.88	1130
1140	5.15	5.35	5.56	5.77	5.97	6.18	6.38	6.59	6.80	7.00	1140

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 5.0 * TO * 5.1	* 5.2 * TO * 5.3	* 5.4 * TO * 5.5	* 5.6 * TO * 5.7	* 5.8 * TO * 5.9	* 6.0 * TO * 6.1	* 6.2 * TO * 6.3	* 6.4 * TO * 6.5	* 6.6 * TO * 6.7	* 6.8 * TO * 6.9	* CENTRE * DIAM * CLASS (MM)
VOLUME CUBIC METRES											
1150	* 5.24	5.45	5.66	5.87	6.08	6.29	6.50	6.71	6.92	7.12	* 1150
1160	* 5.33	5.54	5.76	5.97	6.18	6.40	6.61	6.82	7.04	7.25	* 1160
1170	* 5.42	5.64	5.86	6.07	6.29	6.51	6.72	6.94	7.16	7.37	* 1170
1180	* 5.51	5.73	5.96	6.18	6.40	6.62	6.84	7.06	7.28	7.50	* 1180
1190	* 5.61	5.83	6.06	6.28	6.51	6.73	6.95	7.18	7.40	7.63	* 1190
1200	* 5.70	5.93	6.16	6.39	6.61	6.84	7.07	7.30	7.53	7.75	* 1200
1210	* 5.80	6.03	6.26	6.49	6.72	6.96	7.19	7.42	7.65	7.88	* 1210
1220	* 5.89	6.13	6.36	6.60	6.84	7.07	7.31	7.54	7.78	8.01	* 1220
1230	* 5.99	6.23	6.47	6.71	6.95	7.19	7.43	7.67	7.91	8.15	* 1230
1240	* 6.09	6.33	6.57	6.82	7.06	7.30	7.55	7.79	8.03	8.28	* 1240
1250	* 6.19	6.43	6.68	6.93	7.17	7.42	7.67	7.92	8.16	8.41	* 1250
1260	* 6.28	6.54	6.79	7.04	7.29	7.54	7.79	8.04	8.29	8.55	* 1260
1270	* 6.38	6.64	6.89	7.15	7.41	7.66	7.92	8.17	8.43	8.68	* 1270
1280	* 6.48	6.74	7.00	7.26	7.52	7.78	8.04	8.30	8.56	8.82	* 1280
1290	* 6.59	6.85	7.11	7.38	7.64	7.90	8.17	8.43	8.69	8.96	* 1290
1300	* 6.69	6.96	7.22	7.49	7.76	8.03	8.29	8.56	8.83	9.10	* 1300
1310	* 6.79	7.06	7.33	7.61	7.88	8.15	8.42	8.69	8.96	9.24	* 1310
1320	* 6.89	7.17	7.45	7.72	8.00	8.27	8.55	8.82	9.10	9.38	* 1320
1330	* 7.00	7.28	7.56	7.84	8.12	8.40	8.68	8.96	9.24	9.52	* 1330
1340	* 7.10	7.39	7.67	7.96	8.24	8.52	8.81	9.09	9.38	9.66	* 1340
1350	* 7.21	7.50	7.79	8.08	8.36	8.65	8.94	9.23	9.52	9.81	* 1350
1360	* 7.32	7.61	7.90	8.19	8.49	8.78	9.07	9.37	9.66	9.95	* 1360
1370	* 7.42	7.72	8.02	8.32	8.61	8.91	9.21	9.50	9.80	10.10	* 1370
1380	* 7.53	7.83	8.14	8.44	8.74	9.04	9.34	9.64	9.94	10.24	* 1380
1390	* 7.64	7.95	8.25	8.56	8.86	9.17	9.48	9.78	10.09	10.39	* 1390
1400	* 7.75	8.06	8.37	8.68	8.99	9.30	9.61	9.92	10.23	10.54	* 1400
1410	* 7.86	8.18	8.49	8.81	9.12	9.44	9.75	10.06	10.38	10.69	* 1410
1420	* 7.97	8.29	8.61	8.93	9.25	9.57	9.89	10.21	10.53	10.84	* 1420
1430	* 8.09	8.41	8.73	9.06	9.38	9.70	10.03	10.35	10.67	11.00	* 1430
1440	* 8.20	8.53	8.86	9.18	9.51	9.84	10.17	10.50	10.82	11.15	* 1440
1450	* 8.31	8.65	8.98	9.31	9.64	9.98	10.31	10.64	10.97	11.31	* 1450
1460	* 8.43	8.77	9.10	9.44	9.78	10.11	10.45	10.79	11.13	11.46	* 1460
1470	* 8.54	8.89	9.23	9.57	9.91	10.25	10.59	10.94	11.28	11.62	* 1470
1480	* 8.66	9.01	9.35	9.70	10.05	10.39	10.74	11.08	11.43	11.78	* 1480
1490	* 8.78	9.13	9.48	9.83	10.18	10.53	10.88	11.23	11.59	11.94	* 1490

***** LOG LENGTH CLASS-METRES *****											
CENTRE	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	CENTRE
DIAM	70	70	70	70	70	70	70	70	70	70	DIAM
CLASS	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.9	CLASS
(MM)											(MM)
***** VOLUME CUBIC METRES *****											
1500-1519	8.95	9.31	9.67	10.03	10.39	10.74	11.10	11.46	11.82	12.18	1500-1519
1520-1539	9.19	9.56	9.93	10.30	10.66	11.03	11.40	11.77	12.13	12.50	1520-1539
1540-1559	9.43	9.81	10.19	10.57	10.94	11.32	11.70	12.08	12.45	12.83	1540-1559
1560-1579	9.68	10.07	10.45	10.84	11.23	11.62	12.00	12.39	12.78	13.16	1560-1579
1580-1599	9.93	10.32	10.72	11.12	11.52	11.91	12.31	12.71	13.10	13.50	1580-1599
1600-1619	10.18	10.59	10.99	11.40	11.81	12.21	12.62	13.03	13.44	13.84	1600-1619
1620-1639	10.43	10.85	11.27	11.69	12.10	12.52	12.94	13.36	13.77	14.19	1620-1639
1640-1659	10.69	11.12	11.55	11.97	12.40	12.83	13.26	13.68	14.11	14.54	1640-1659
1660-1679	10.95	11.39	11.83	12.27	12.70	13.14	13.58	14.02	14.46	14.89	1660-1679
1680-1699	11.22	11.66	12.11	12.56	13.01	13.46	13.91	14.36	14.80	15.25	1680-1699
1700-1719	11.48	11.94	12.40	12.86	13.32	13.78	14.24	14.70	15.16	15.62	1700-1719
1720-1739	11.75	12.22	12.69	13.16	13.63	14.10	14.57	15.04	15.51	15.98	1720-1739
1740-1759	12.03	12.51	12.99	13.47	13.95	14.43	14.91	15.39	15.87	16.36	1740-1759
1760-1779	12.30	12.79	13.29	13.78	14.27	14.76	15.26	15.75	16.24	16.73	1760-1779
1780-1799	12.58	13.09	13.59	14.09	14.60	15.10	15.60	16.11	16.61	17.11	1780-1799
1800-1819	12.87	13.38	13.89	14.41	14.92	15.44	15.95	16.47	16.98	17.50	1800-1819
1820-1839	13.15	13.68	14.20	14.73	15.26	15.78	16.31	16.83	17.36	17.89	1820-1839
1840-1859	13.44	13.98	14.52	15.05	15.59	16.13	16.67	17.20	17.74	18.28	1840-1859
1860-1879	13.73	14.28	14.83	15.38	15.93	16.48	17.03	17.58	18.13	18.68	1860-1879
1880-1899	14.03	14.59	15.15	15.71	16.27	16.83	17.39	17.96	18.52	19.08	1880-1899
1900-1919	14.33	14.90	15.47	16.05	16.62	17.19	17.76	18.34	18.91	19.48	1900-1919
1920-1939	14.63	15.21	15.80	16.38	16.97	17.55	18.14	18.72	19.31	19.89	1920-1939
1940-1959	14.93	15.53	16.13	16.72	17.32	17.92	18.52	19.11	19.71	20.31	1940-1959
1960-1979	15.24	15.85	16.46	17.07	17.68	18.29	18.90	19.51	20.12	20.73	1960-1979
1980-1999	15.55	16.17	16.80	17.42	18.04	18.66	19.28	19.91	20.53	21.15	1980-1999

LOG LENGTH CLASS=METRES

CENTRE	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

2000-2019	15.87	16.50	17.13	17.77	18.40	19.04	19.67	20.31	20.94	21.58	2000-2019
2020-2039	16.18	16.83	17.48	18.12	18.77	19.42	20.07	20.71	21.36	22.01	2020-2039
2040-2059	16.50	17.16	17.82	18.48	19.14	19.80	20.46	21.12	21.78	22.44	2040-2059
2060-2079	16.83	17.50	18.17	18.85	19.52	20.19	20.87	21.54	22.21	22.88	2060-2079
2080-2099	17.15	17.84	18.53	19.21	19.90	20.58	21.27	21.96	22.64	23.33	2080-2099
2100-2119	17.48	18.18	18.88	19.58	20.28	20.98	21.68	22.38	23.08	23.78	2100-2119
2120-2139	17.82	18.53	19.24	19.95	20.67	21.38	22.09	22.80	23.52	24.23	2120-2139
2140-2159	18.15	18.88	19.60	20.33	21.06	21.78	22.51	23.24	23.96	24.69	2140-2159
2160-2179	18.49	19.23	19.97	20.71	21.45	22.19	22.93	23.67	24.41	25.15	2160-2179
2180-2199	18.83	19.59	20.34	21.09	21.85	22.60	23.35	24.11	24.86	25.61	2180-2199
2200-2219	19.18	19.95	20.71	21.48	22.25	23.02	23.78	24.55	25.32	26.08	2200-2219
2220-2239	19.53	20.31	21.09	21.87	22.65	23.43	24.22	25.00	25.78	26.56	2220-2239
2240-2259	19.88	20.68	21.47	22.27	23.06	23.86	24.65	25.45	26.24	27.04	2240-2259
2260-2279	20.24	21.04	21.85	22.66	23.47	24.28	25.09	25.90	26.71	27.52	2260-2279
2280-2299	20.59	21.42	22.24	23.06	23.89	24.71	25.54	26.36	27.18	28.01	2280-2299
2300-2319	20.95	21.79	22.63	23.47	24.31	25.15	25.98	26.82	27.66	28.50	2300-2319
2320-2339	21.32	22.17	23.02	23.88	24.73	25.58	26.44	27.29	28.14	28.99	2320-2339
2340-2359	21.69	22.55	23.42	24.29	25.16	26.02	26.89	27.76	28.63	29.49	2340-2359
2360-2379	22.06	22.94	23.82	24.70	25.59	26.47	27.35	28.23	29.12	30.00	2360-2379
2380-2399	22.43	23.33	24.23	25.12	26.02	26.92	27.81	28.71	29.61	30.51	2380-2399
2400-2419	22.81	23.72	24.63	25.55	26.46	27.37	28.28	29.19	30.11	31.02	2400-2419
2420-2439	23.19	24.12	25.04	25.97	26.90	27.83	28.75	29.68	30.61	31.54	2420-2439
2440-2459	23.57	24.51	25.46	26.40	27.34	28.29	29.23	30.17	31.11	32.06	2440-2459
2460-2479	23.96	24.92	25.87	26.83	27.79	28.75	29.71	30.67	31.62	32.58	2460-2479
2480-2499	24.35	25.32	26.30	27.27	28.24	29.22	30.19	31.17	32.14	33.11	2480-2499

LOG LENGTH CLASS-METRES

CENTRE	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.9	CLASS
(MM)											(MM)
VOLUME CUBIC METRES											
2500-2549	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.1	2500-2549
2550-2599	26.0	27.1	28.1	29.2	30.2	31.2	32.3	33.3	34.4	35.4	2550-2599
2600-2649	27.1	28.1	29.2	30.3	31.4	32.5	33.6	34.6	35.7	36.8	2600-2649
2650-2699	28.1	29.2	30.3	31.5	32.6	33.7	34.8	36.0	37.1	38.2	2650-2699
2700-2749	29.2	30.3	31.5	32.7	33.8	35.0	36.2	37.3	38.5	39.7	2700-2749
2750-2799	30.2	31.4	32.7	33.9	35.1	36.3	37.5	38.7	39.9	41.1	2750-2799
2800-2849	31.3	32.6	33.8	35.1	36.4	37.6	38.9	40.1	41.4	42.6	2800-2849
2850-2899	32.5	33.8	35.1	36.4	37.7	39.0	40.2	41.5	42.8	44.1	2850-2899
2900-2949	33.6	34.9	36.3	37.6	39.0	40.3	41.7	43.0	44.3	45.7	2900-2949
2950-2999	34.8	36.1	37.5	38.9	40.3	41.7	43.1	44.5	45.9	47.3	2950-2999
3000-3049	35.9	37.4	38.8	40.2	41.7	43.1	44.6	46.0	47.4	48.9	3000-3049
3050-3099	37.1	38.6	40.1	41.6	43.1	44.6	46.0	47.5	49.0	50.5	3050-3099
3100-3149	38.3	39.9	41.4	43.0	44.5	46.0	47.6	49.1	50.6	52.2	3100-3149
3150-3199	39.6	41.2	42.8	44.3	45.9	47.5	49.1	50.7	52.3	53.8	3150-3199
3200-3249	40.8	42.5	44.1	45.7	47.4	49.0	50.6	52.3	53.9	55.5	3200-3249
3250-3299	42.1	43.8	45.5	47.2	48.9	50.5	52.2	53.9	55.6	57.3	3250-3299
3300-3349	43.4	45.2	46.9	48.6	50.4	52.1	53.8	55.6	57.3	59.0	3300-3349
3350-3399	44.7	46.5	48.3	50.1	51.9	53.7	55.5	57.3	59.0	60.8	3350-3399
3400-3449	46.1	47.9	49.8	51.6	53.4	55.3	57.1	59.0	60.8	62.6	3400-3449
3450-3499	47.4	49.3	51.2	53.1	55.0	56.9	58.8	60.7	62.6	64.5	3450-3499
3500-3549	48.8	50.7	52.7	54.7	56.6	58.6	60.5	62.5	64.4	66.4	3500-3549
3550-3599	50.2	52.2	54.2	56.2	58.2	60.2	62.2	64.2	66.3	68.3	3550-3599
3600-3649	51.6	53.7	55.7	57.8	59.9	61.9	64.0	66.1	68.1	70.2	3600-3649
3650-3699	53.0	55.2	57.3	59.4	61.5	63.6	65.8	67.9	70.0	72.1	3650-3699
3700-3749	54.5	56.7	58.8	61.0	63.2	65.4	67.6	69.7	71.9	74.1	3700-3749

LOG LENGTH CLASS=METRES

CENTRE	*	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	*	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.9	CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

3750-3799	*	56.0	58.2	60.4	62.7	64.9	67.2	69.4	71.6	73.9	76.1	3750-3799
3800-3849	*	57.5	59.8	62.1	64.3	66.6	68.9	71.2	73.5	75.8	78.1	3800-3849
3850-3899	*	59.0	61.3	63.7	66.0	68.4	70.8	73.1	75.5	77.8	80.2	3850-3899
3900-3949	*	60.5	62.9	65.3	67.8	70.2	72.6	75.0	77.4	79.9	82.3	3900-3949
3950-3999	*	62.0	64.5	67.0	69.5	72.0	74.5	76.9	79.4	81.9	84.4	3950-3999

4000-4049	*	63.6	66.2	68.7	71.3	73.8	76.3	78.9	81.4	84.0	86.5	4000-4049
4050-4099	*	65.2	67.8	70.4	73.0	75.6	78.3	80.9	83.5	86.1	88.7	4050-4099
4100-4149	*	66.8	69.5	72.2	74.8	77.5	80.2	82.9	85.5	88.2	90.9	4100-4149
4150-4199	*	68.4	71.2	73.9	76.7	79.4	82.1	84.9	87.6	90.4	93.1	4150-4199
4200-4249	*	70.1	72.9	75.7	78.5	81.3	84.1	86.9	89.7	92.5	95.3	4200-4249

4250-4299	*	71.8	74.6	77.5	80.4	83.3	86.1	89.0	91.9	94.7	97.6	4250-4299
4300-4349	*	73.5	76.4	79.3	82.3	85.2	88.1	91.1	94.0	97.0	99.9	4300-4349
4350-4399	*	75.2	78.2	81.2	84.2	87.2	90.2	93.2	96.2	99.2	102.2	4350-4399
4400-4449	*	76.9	80.0	83.0	86.1	89.2	92.3	95.3	98.4	101.5	104.6	4400-4449
4450-4499	*	78.6	81.8	84.9	88.1	91.2	94.4	97.5	100.7	103.8	107.0	4450-4499

4500-4549	*	80.4	83.6	86.8	90.1	93.3	96.5	99.7	102.9	106.1	109.4	4500-4549
4550-4599	*	82.2	85.5	88.8	92.1	95.3	98.6	101.9	105.2	108.5	111.8	4550-4599
4600-4649	*	84.0	87.4	90.7	94.1	97.4	100.8	104.2	107.5	110.9	114.2	4600-4649
4650-4699	*	85.8	89.3	92.7	96.1	99.6	103.0	106.4	109.9	113.3	116.7	4650-4699
4700-4749	*	87.7	91.2	94.7	98.2	101.7	105.2	108.7	112.2	115.7	119.2	4700-4749

4750-4799	*	89.5	93.1	96.7	100.3	103.9	107.4	111.0	114.6	118.2	121.8	4750-4799
4800-4849	*	91.4	95.1	98.7	102.4	106.1	109.7	113.4	117.0	120.7	124.3	4800-4849
4850-4899	*	93.3	97.1	100.8	104.5	108.3	112.0	115.7	119.5	123.2	126.9	4850-4899
4900-4949	*	95.3	99.1	102.9	106.7	110.5	114.3	118.1	121.9	125.7	129.5	4900-4949
4950-4999	*	97.2	101.1	105.0	108.9	112.7	116.6	120.5	124.4	128.3	132.2	4950-4999

LOG LENGTH CLASS-METRES

CENTRE	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

100	.06	.06	.06	.07	.07	.07	.07	.07	.07	.08	100
110	.07	.07	.08	.08	.08	.08	.09	.09	.09	.09	110
120	.09	.09	.09	.09	.10	.10	.10	.10	.11	.11	120
130	.10	.10	.11	.11	.11	.11	.12	.12	.12	.13	130
140	.12	.12	.12	.13	.13	.13	.14	.14	.14	.15	140
150	.13	.14	.14	.14	.15	.15	.15	.16	.16	.17	150
160	.15	.15	.16	.16	.17	.17	.18	.18	.18	.19	160
170	.17	.17	.18	.18	.19	.19	.20	.20	.21	.21	170
180	.19	.19	.20	.20	.21	.22	.22	.23	.23	.24	180
190	.21	.22	.22	.23	.23	.24	.24	.25	.26	.26	190
200	.23	.24	.24	.25	.26	.26	.27	.28	.28	.29	200
210	.25	.26	.27	.28	.28	.29	.30	.30	.31	.32	210
220	.28	.29	.29	.30	.31	.32	.33	.33	.34	.35	220
230	.30	.31	.32	.33	.34	.35	.36	.36	.37	.38	230
240	.33	.34	.35	.36	.37	.38	.39	.40	.41	.41	240
250	.36	.37	.38	.39	.40	.41	.42	.43	.44	.45	250
260	.39	.40	.41	.42	.43	.44	.45	.46	.47	.49	260
270	.42	.43	.44	.45	.46	.48	.49	.50	.51	.52	270
280	.45	.46	.47	.48	.50	.51	.52	.54	.55	.56	280
290	.48	.49	.51	.52	.53	.55	.56	.57	.59	.60	290
300	.51	.53	.54	.56	.57	.58	.60	.61	.63	.64	300
310	.55	.56	.58	.59	.61	.62	.64	.65	.67	.69	310
320	.58	.60	.61	.63	.65	.66	.68	.70	.71	.73	320
330	.62	.63	.65	.67	.69	.71	.72	.74	.76	.78	330
340	.65	.67	.69	.71	.73	.75	.77	.79	.80	.82	340
350	.69	.71	.73	.75	.77	.79	.81	.83	.85	.87	350
360	.73	.75	.77	.80	.82	.84	.86	.88	.90	.92	360
370	.77	.80	.82	.84	.86	.88	.91	.93	.95	.97	370
380	.81	.84	.86	.88	.91	.93	.95	.98	1.00	1.02	380
390	.86	.88	.91	.93	.96	.98	1.00	1.03	1.05	1.08	390
400	.90	.93	.95	.98	1.00	1.03	1.06	1.08	1.11	1.13	400
410	.95	.97	1.00	1.03	1.06	1.08	1.11	1.14	1.16	1.19	410
420	.99	1.02	1.05	1.08	1.11	1.13	1.16	1.19	1.22	1.25	420
430	1.04	1.07	1.10	1.13	1.16	1.19	1.22	1.25	1.28	1.31	430
440	1.09	1.12	1.15	1.18	1.21	1.24	1.28	1.31	1.34	1.37	440

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 7.0 * TO * 7.1	* 7.2 * TO * 7.3	* 7.4 * TO * 7.5	* 7.6 * TO * 7.7	* 7.8 * TO * 7.9	* 8.0 * TO * 8.1	* 8.2 * TO * 8.3	* 8.4 * TO * 8.5	* 8.6 * TO * 8.7	* 8.8 * TO * 8.9	* CENTRE * DIAM * CLASS (MM)
VOLUME CUBIC METRES											
450	1.14	1.17	1.20	1.24	1.27	1.30	1.33	1.37	1.40	1.43	450
460	1.19	1.22	1.26	1.29	1.32	1.36	1.39	1.43	1.46	1.49	460
470	1.24	1.28	1.31	1.35	1.38	1.42	1.45	1.49	1.52	1.56	470
480	1.29	1.33	1.37	1.40	1.44	1.48	1.51	1.55	1.59	1.63	480
490	1.35	1.39	1.42	1.46	1.50	1.54	1.58	1.62	1.66	1.69	490
500	1.40	1.44	1.48	1.52	1.56	1.60	1.64	1.68	1.72	1.76	500
510	1.46	1.50	1.54	1.58	1.62	1.67	1.71	1.75	1.79	1.83	510
520	1.52	1.56	1.60	1.65	1.69	1.73	1.78	1.82	1.86	1.90	520
530	1.57	1.62	1.66	1.71	1.75	1.80	1.84	1.89	1.93	1.98	530
540	1.63	1.68	1.73	1.77	1.82	1.87	1.91	1.96	2.01	2.05	540
550	1.69	1.74	1.79	1.84	1.89	1.94	1.98	2.03	2.08	2.13	550
560	1.76	1.81	1.86	1.91	1.96	2.01	2.06	2.11	2.16	2.21	560
570	1.82	1.87	1.92	1.97	2.03	2.08	2.13	2.18	2.23	2.29	570
580	1.88	1.94	1.99	2.04	2.10	2.15	2.20	2.26	2.31	2.37	580
590	1.95	2.00	2.06	2.11	2.17	2.22	2.28	2.34	2.39	2.45	590
600	2.01	2.07	2.13	2.18	2.24	2.30	2.36	2.41	2.47	2.53	600
610	2.08	2.14	2.20	2.26	2.32	2.38	2.44	2.50	2.55	2.61	610
620	2.15	2.21	2.27	2.33	2.39	2.45	2.52	2.58	2.64	2.70	620
630	2.22	2.28	2.34	2.41	2.47	2.53	2.60	2.66	2.72	2.79	630
640	2.29	2.35	2.42	2.48	2.55	2.61	2.68	2.74	2.81	2.88	640
650	2.36	2.43	2.49	2.56	2.63	2.70	2.76	2.83	2.90	2.97	650
660	2.43	2.50	2.57	2.64	2.71	2.78	2.85	2.92	2.99	3.06	660
670	2.50	2.58	2.65	2.72	2.79	2.86	2.93	3.01	3.08	3.15	670
680	2.58	2.65	2.73	2.80	2.87	2.95	3.02	3.10	3.17	3.24	680
690	2.66	2.73	2.81	2.88	2.96	3.03	3.11	3.19	3.26	3.34	690
700	2.73	2.81	2.89	2.97	3.04	3.12	3.20	3.28	3.36	3.44	700
710	2.81	2.89	2.97	3.05	3.13	3.21	3.29	3.37	3.45	3.53	710
720	2.89	2.97	3.05	3.14	3.22	3.30	3.39	3.47	3.55	3.63	720
730	2.97	3.05	3.14	3.22	3.31	3.39	3.48	3.56	3.65	3.73	730
740	3.05	3.14	3.23	3.31	3.40	3.49	3.57	3.66	3.75	3.84	740
750	3.13	3.22	3.31	3.40	3.49	3.58	3.67	3.76	3.85	3.94	750
760	3.22	3.31	3.40	3.49	3.59	3.68	3.77	3.86	3.95	4.04	760
770	3.30	3.40	3.49	3.59	3.68	3.77	3.87	3.96	4.06	4.15	770
780	3.39	3.48	3.58	3.68	3.78	3.87	3.97	4.07	4.16	4.26	780
790	3.47	3.57	3.67	3.77	3.87	3.97	4.07	4.17	4.27	4.37	790

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	7.0 TO 7.1	7.2 TO 7.3	7.4 TO 7.5	7.6 TO 7.7	7.8 TO 7.9	8.0 TO 8.1	8.2 TO 8.3	8.4 TO 8.5	8.6 TO 8.7	8.8 TO 8.9	CENTRE DIAM CLASS (MM)
VOLUME CUBIC METRES											
800	3.56	3.66	3.77	3.87	3.97	4.07	4.17	4.28	4.38	4.48	800
810	3.65	3.76	3.86	3.96	4.07	4.17	4.28	4.38	4.49	4.59	810
820	3.74	3.85	3.96	4.06	4.17	4.28	4.38	4.49	4.60	4.70	820
830	3.83	3.94	4.05	4.16	4.27	4.38	4.49	4.60	4.71	4.82	830
840	3.93	4.04	4.15	4.26	4.37	4.49	4.60	4.71	4.82	4.93	840
850	4.02	4.13	4.25	4.36	4.48	4.59	4.71	4.82	4.94	5.05	850
860	4.11	4.23	4.35	4.47	4.58	4.70	4.82	4.94	5.05	5.17	860
870	4.21	4.33	4.45	4.57	4.69	4.81	4.93	5.05	5.17	5.29	870
880	4.31	4.43	4.55	4.68	4.80	4.92	5.04	5.17	5.29	5.41	880
890	4.40	4.53	4.66	4.78	4.91	5.03	5.16	5.28	5.41	5.54	890
900	4.50	4.63	4.76	4.89	5.02	5.15	5.27	5.40	5.53	5.66	900
910	4.60	4.73	4.87	5.00	5.13	5.26	5.39	5.52	5.65	5.79	910
920	4.70	4.84	4.97	5.11	5.24	5.38	5.51	5.64	5.78	5.91	920
930	4.81	4.94	5.08	5.22	5.36	5.49	5.63	5.77	5.90	6.04	930
940	4.91	5.05	5.19	5.33	5.47	5.61	5.75	5.89	6.03	6.17	940
950	5.01	5.16	5.30	5.44	5.59	5.73	5.87	6.02	6.16	6.30	950
960	5.12	5.27	5.41	5.56	5.70	5.85	6.00	6.14	6.29	6.44	960
970	5.23	5.38	5.52	5.67	5.82	5.97	6.12	6.27	6.42	6.57	970
980	5.33	5.49	5.64	5.79	5.94	6.10	6.25	6.40	6.55	6.71	980
990	5.44	5.60	5.75	5.91	6.06	6.22	6.38	6.53	6.69	6.84	990
1000	5.55	5.71	5.87	6.03	6.19	6.35	6.50	6.66	6.82	6.98	1000
1010	5.66	5.83	5.99	6.15	6.31	6.47	6.63	6.80	6.96	7.12	1010
1020	5.78	5.94	6.11	6.27	6.44	6.60	6.77	6.93	7.10	7.26	1020
1030	5.89	6.06	6.23	6.39	6.56	6.73	6.90	7.07	7.24	7.40	1030
1040	6.00	6.18	6.35	6.52	6.69	6.86	7.03	7.20	7.38	7.55	1040
1050	6.12	6.29	6.47	6.64	6.82	6.99	7.17	7.34	7.52	7.69	1050
1060	6.24	6.41	6.59	6.77	6.95	7.13	7.30	7.48	7.66	7.84	1060
1070	6.35	6.53	6.72	6.90	7.08	7.26	7.44	7.62	7.81	7.99	1070
1080	6.47	6.66	6.84	7.03	7.21	7.40	7.58	7.77	7.95	8.14	1080
1090	6.59	6.78	6.97	7.16	7.35	7.53	7.72	7.91	8.10	8.29	1090
1100	6.71	6.90	7.10	7.29	7.48	7.67	7.86	8.06	8.25	8.44	1100
1110	6.83	7.03	7.23	7.42	7.62	7.81	8.01	8.20	8.40	8.59	1110
1120	6.96	7.16	7.36	7.55	7.75	7.95	8.15	8.35	8.55	8.75	1120
1130	7.08	7.28	7.49	7.69	7.89	8.09	8.30	8.50	8.70	8.90	1130
1140	7.21	7.41	7.62	7.83	8.03	8.24	8.44	8.65	8.86	9.06	1140

LOG LENGTH CLASS=METRES

CENTRE	*	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	* CENTRE
DIAM	*	T0	T0	T0	T0	T0	T0	T0	T0	T0	T0	* DIAM
CLASS	*	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	* CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

1150	*	7.33	7.54	7.75	7.96	8.17	8.38	8.59	8.80	9.01	9.22	* 1150
1160	*	7.46	7.67	7.89	8.10	8.31	8.53	8.74	8.95	9.17	9.38	* 1160
1170	*	7.59	7.81	8.02	8.24	8.46	8.67	8.89	9.11	9.33	9.54	* 1170
1180	*	7.72	7.94	8.16	8.38	8.60	8.82	9.04	9.26	9.48	9.71	* 1180
1190	*	7.85	8.08	8.30	8.52	8.75	8.97	9.20	9.42	9.65	9.87	* 1190

1200	*	7.98	8.21	8.44	8.67	8.90	9.12	9.35	9.58	9.81	10.04	* 1200
1210	*	8.12	8.35	8.58	8.81	9.04	9.28	9.51	9.74	9.97	10.20	* 1210
1220	*	8.25	8.49	8.72	8.96	9.19	9.43	9.66	9.90	10.14	10.37	* 1220
1230	*	8.39	8.62	8.86	9.10	9.34	9.58	9.82	10.06	10.30	10.54	* 1230
1240	*	8.52	8.77	9.01	9.25	9.50	9.74	9.98	10.23	10.47	10.71	* 1240

1250	*	8.66	8.91	9.15	9.40	9.65	9.90	10.14	10.39	10.64	10.89	* 1250
1260	*	8.80	9.05	9.30	9.55	9.80	10.05	10.31	10.56	10.81	11.06	* 1260
1270	*	8.94	9.19	9.45	9.70	9.96	10.21	10.47	10.72	10.98	11.24	* 1270
1280	*	9.08	9.34	9.60	9.86	10.12	10.37	10.63	10.89	11.15	11.41	* 1280
1290	*	9.22	9.48	9.75	10.01	10.27	10.54	10.80	11.06	11.33	11.59	* 1290

1300	*	9.36	9.63	9.90	10.17	10.43	10.70	10.97	11.24	11.50	11.77	* 1300
1310	*	9.51	9.78	10.05	10.32	10.59	10.87	11.14	11.41	11.68	11.95	* 1310
1320	*	9.65	9.93	10.20	10.48	10.76	11.03	11.31	11.58	11.86	12.13	* 1320
1330	*	9.80	10.08	10.36	10.64	10.92	11.20	11.48	11.76	12.04	12.32	* 1330
1340	*	9.95	10.23	10.51	10.80	11.08	11.37	11.65	11.93	12.22	12.50	* 1340

1350	*	10.09	10.38	10.67	10.96	11.25	11.54	11.82	12.11	12.40	12.69	* 1350
1360	*	10.24	10.54	10.83	11.12	11.41	11.71	12.00	12.29	12.59	12.88	* 1360
1370	*	10.39	10.69	10.99	11.29	11.58	11.88	12.18	12.47	12.77	13.07	* 1370
1380	*	10.55	10.85	11.15	11.45	11.75	12.05	12.35	12.66	12.96	13.26	* 1380
1390	*	10.70	11.00	11.31	11.62	11.92	12.23	12.53	12.84	13.14	13.45	* 1390

1400	*	10.85	11.16	11.47	11.78	12.09	12.40	12.71	13.02	13.33	13.64	* 1400
1410	*	11.01	11.32	11.64	11.95	12.27	12.58	12.89	13.21	13.52	13.84	* 1410
1420	*	11.16	11.48	11.80	12.12	12.44	12.76	13.08	13.40	13.72	14.03	* 1420
1430	*	11.32	11.64	11.97	12.29	12.62	12.94	13.26	13.59	13.91	14.23	* 1430
1440	*	11.48	11.81	12.14	12.46	12.79	13.12	13.45	13.78	14.10	14.43	* 1440

1450	*	11.64	11.97	12.30	12.64	12.97	13.30	13.63	13.97	14.30	14.63	* 1450
1460	*	11.80	12.14	12.47	12.81	13.15	13.49	13.82	14.16	14.50	14.83	* 1460
1470	*	11.96	12.30	12.64	12.99	13.33	13.67	14.01	14.35	14.70	15.04	* 1470
1480	*	12.12	12.47	12.82	13.16	13.51	13.86	14.20	14.55	14.90	15.24	* 1480
1490	*	12.29	12.64	12.99	13.34	13.69	14.04	14.39	14.75	15.10	15.45	* 1490

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 7.0	* 7.2	* 7.4	* 7.6	* 7.8	* 8.0	* 8.2	* 8.4	* 8.6	* 8.8	* CENTRE DIAM CLASS (MM)
	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	
	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	
VOLUME CUBIC METRES											
1500-1519	* 12.54	* 12.89	* 13.25	* 13.61	* 13.97	* 14.33	* 14.68	* 15.04	* 15.40	* 15.76	* 1500-1519
1520-1539	* 12.87	* 13.24	* 13.61	* 13.97	* 14.34	* 14.71	* 15.08	* 15.44	* 15.81	* 16.18	* 1520-1539
1540-1559	* 13.21	* 13.59	* 13.96	* 14.34	* 14.72	* 15.10	* 15.47	* 15.85	* 16.23	* 16.60	* 1540-1559
1560-1579	* 13.55	* 13.94	* 14.33	* 14.71	* 15.10	* 15.49	* 15.87	* 16.26	* 16.65	* 17.04	* 1560-1579
1580-1599	* 13.90	* 14.30	* 14.69	* 15.09	* 15.49	* 15.88	* 16.28	* 16.68	* 17.08	* 17.47	* 1580-1599
1600-1619	* 14.25	* 14.66	* 15.07	* 15.47	* 15.88	* 16.29	* 16.69	* 17.10	* 17.51	* 17.92	* 1600-1619
1620-1639	* 14.61	* 15.02	* 15.44	* 15.86	* 16.28	* 16.69	* 17.11	* 17.53	* 17.95	* 18.36	* 1620-1639
1640-1659	* 14.97	* 15.40	* 15.82	* 16.25	* 16.68	* 17.11	* 17.53	* 17.96	* 18.39	* 18.82	* 1640-1659
1660-1679	* 15.33	* 15.77	* 16.21	* 16.65	* 17.09	* 17.52	* 17.96	* 18.40	* 18.84	* 19.28	* 1660-1679
1680-1699	* 15.70	* 16.15	* 16.60	* 17.05	* 17.50	* 17.95	* 18.39	* 18.84	* 19.29	* 19.74	* 1680-1699
1700-1719	* 16.08	* 16.54	* 16.99	* 17.45	* 17.91	* 18.37	* 18.83	* 19.29	* 19.75	* 20.21	* 1700-1719
1720-1739	* 16.45	* 16.92	* 17.39	* 17.86	* 18.33	* 18.80	* 19.28	* 19.75	* 20.22	* 20.69	* 1720-1739
1740-1759	* 16.84	* 17.32	* 17.80	* 18.28	* 18.76	* 19.24	* 19.72	* 20.20	* 20.69	* 21.17	* 1740-1759
1760-1779	* 17.22	* 17.72	* 18.21	* 18.70	* 19.19	* 19.68	* 20.18	* 20.67	* 21.16	* 21.65	* 1760-1779
1780-1799	* 17.62	* 18.12	* 18.62	* 19.13	* 19.63	* 20.13	* 20.64	* 21.14	* 21.64	* 22.15	* 1780-1799
1800-1819	* 18.01	* 18.53	* 19.04	* 19.56	* 20.07	* 20.58	* 21.10	* 21.61	* 22.13	* 22.64	* 1800-1819
1820-1839	* 18.41	* 18.94	* 19.46	* 19.99	* 20.52	* 21.04	* 21.57	* 22.09	* 22.62	* 23.15	* 1820-1839
1840-1859	* 18.82	* 19.35	* 19.89	* 20.43	* 20.97	* 21.50	* 22.04	* 22.58	* 23.12	* 23.65	* 1840-1859
1860-1879	* 19.23	* 19.77	* 20.32	* 20.87	* 21.42	* 21.97	* 22.52	* 23.07	* 23.62	* 24.17	* 1860-1879
1880-1899	* 19.64	* 20.20	* 20.76	* 21.32	* 21.88	* 22.44	* 23.01	* 23.57	* 24.13	* 24.69	* 1880-1899
1900-1919	* 20.06	* 20.63	* 21.20	* 21.78	* 22.35	* 22.92	* 23.49	* 24.07	* 24.64	* 25.21	* 1900-1919
1920-1939	* 20.48	* 21.06	* 21.65	* 22.23	* 22.82	* 23.40	* 23.99	* 24.57	* 25.16	* 25.74	* 1920-1939
1940-1959	* 20.91	* 21.50	* 22.10	* 22.70	* 23.29	* 23.89	* 24.49	* 25.09	* 25.68	* 26.28	* 1940-1959
1960-1979	* 21.34	* 21.95	* 22.56	* 23.17	* 23.77	* 24.38	* 24.99	* 25.60	* 26.21	* 26.82	* 1960-1979
1980-1999	* 21.77	* 22.39	* 23.02	* 23.64	* 24.26	* 24.88	* 25.50	* 26.13	* 26.75	* 27.37	* 1980-1999

LOG LENGTH CLASS-METRES

CENTRE	*	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	*	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

2000-2019	*	22.21	22.85	23.48	24.12	24.75	25.38	26.02	26.65	27.29	27.92	2000-2019
2020-2039	*	22.66	23.30	23.95	24.60	25.25	25.89	26.54	27.19	27.83	28.48	2020-2039
2040-2059	*	23.10	23.76	24.42	25.08	25.74	26.41	27.07	27.73	28.39	29.05	2040-2059
2060-2079	*	23.56	24.23	24.90	25.58	26.25	26.92	27.60	28.27	28.94	29.62	2060-2079
2080-2099	*	24.01	24.70	25.39	26.07	26.76	27.45	28.13	28.82	29.50	30.19	2080-2099

2100-2119	*	24.48	25.18	25.88	26.57	27.27	27.97	28.67	29.37	30.07	30.77	2100-2119
2120-2139	*	24.94	25.66	26.37	27.08	27.79	28.51	29.22	29.93	30.64	31.36	2120-2139
2140-2159	*	25.41	26.14	26.87	27.59	28.32	29.04	29.77	30.50	31.22	31.95	2140-2159
2160-2179	*	25.89	26.63	27.37	28.11	28.85	29.59	30.33	31.07	31.81	32.55	2160-2179
2180-2199	*	26.37	27.12	27.87	28.63	29.38	30.13	30.89	31.64	32.39	33.15	2180-2199

2200-2219	*	26.85	27.62	28.39	29.15	29.92	30.69	31.45	32.22	32.99	33.76	2200-2219
2220-2239	*	27.34	28.12	28.90	29.68	30.46	31.25	32.03	32.81	33.59	34.37	2220-2239
2240-2259	*	27.83	28.63	29.42	30.22	31.01	31.81	32.60	33.40	34.19	34.99	2240-2259
2260-2279	*	28.33	29.14	29.95	30.76	31.57	32.38	33.19	34.00	34.80	35.61	2260-2279
2280-2299	*	28.83	29.65	30.48	31.30	32.13	32.95	33.77	34.60	35.42	36.24	2280-2299

2300-2319	*	29.34	30.17	31.01	31.85	32.69	33.53	34.37	35.20	36.04	36.88	2300-2319
2320-2339	*	29.85	30.70	31.55	32.41	33.26	34.11	34.96	35.82	36.67	37.52	2320-2339
2340-2359	*	30.36	31.23	32.10	32.96	33.83	34.70	35.57	36.43	37.30	38.17	2340-2359
2360-2379	*	30.88	31.76	32.65	33.53	34.41	35.29	36.17	37.06	37.94	38.82	2360-2379
2380-2399	*	31.40	32.30	33.20	34.10	34.99	35.89	36.79	37.68	38.58	39.48	2380-2399

2400-2419	*	31.93	32.84	33.76	34.67	35.58	36.49	37.41	38.32	39.23	40.14	2400-2419
2420-2439	*	32.46	33.39	34.32	35.25	36.17	37.10	38.03	38.96	39.88	40.81	2420-2439
2440-2459	*	33.00	33.94	34.89	35.83	36.77	37.71	38.66	39.60	40.54	41.49	2440-2459
2460-2479	*	33.54	34.50	35.46	36.42	37.37	38.33	39.29	40.25	41.21	42.17	2460-2479
2480-2499	*	34.09	35.06	36.03	37.01	37.98	38.96	39.93	40.90	41.88	42.85	2480-2499

LOG LENGTH CLASS-METRES

CENTRE	* 7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	* 7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	CLASS
(MM)	*										(MM)

VOLUME CUBIC METRES											

2500-2549	* 35.1	36.1	37.1	38.1	39.1	40.1	41.1	42.1	43.1	44.1	* 2500-2549
2550-2599	* 36.5	37.5	38.5	39.6	40.6	41.7	42.7	43.7	44.8	45.8	* 2550-2599
2600-2649	* 37.9	39.0	40.0	41.1	42.2	43.3	44.4	45.5	46.5	47.6	* 2600-2649
2650-2699	* 39.3	40.5	41.6	42.7	43.8	45.0	46.1	47.2	48.3	49.5	* 2650-2699
2700-2749	* 40.8	42.0	43.2	44.3	45.5	46.7	47.8	49.0	50.2	51.3	* 2700-2749

2750-2799	* 42.3	43.5	44.8	46.0	47.2	48.4	49.6	50.8	52.0	53.2	* 2750-2799
2800-2849	* 43.9	45.1	46.4	47.6	48.9	50.1	51.4	52.7	53.9	55.2	* 2800-2849
2850-2899	* 45.4	46.7	48.0	49.3	50.6	51.9	53.2	54.5	55.8	57.1	* 2850-2899
2900-2949	* 47.0	48.4	49.7	51.1	52.4	53.8	55.1	56.4	57.8	59.1	* 2900-2949
2950-2999	* 48.7	50.0	51.4	52.8	54.2	55.6	57.0	58.4	59.8	61.2	* 2950-2999

3000-3049	* 50.3	51.7	53.2	54.6	56.1	57.5	58.9	60.4	61.8	63.2	* 3000-3049
3050-3099	* 52.0	53.5	55.0	56.4	57.9	59.4	60.9	62.4	63.9	65.4	* 3050-3099
3100-3149	* 53.7	55.2	56.8	58.3	59.8	61.4	62.9	64.4	66.0	67.5	* 3100-3149
3150-3199	* 55.4	57.0	58.6	60.2	61.8	63.3	64.9	66.5	68.1	69.7	* 3150-3199
3200-3249	* 57.2	58.8	60.4	62.1	63.7	65.3	67.0	68.6	70.3	71.9	* 3200-3249

3250-3299	* 59.0	60.7	62.3	64.0	65.7	67.4	69.1	70.8	72.4	74.1	* 3250-3299
3300-3349	* 60.8	62.5	64.3	66.0	67.7	69.5	71.2	72.9	74.7	76.4	* 3300-3349
3350-3399	* 62.6	64.4	66.2	68.0	69.8	71.6	73.4	75.1	76.9	78.7	* 3350-3399
3400-3449	* 64.5	66.3	68.2	70.0	71.9	73.7	75.5	77.4	79.2	81.1	* 3400-3449
3450-3499	* 66.4	68.3	70.2	72.1	74.0	75.9	77.8	79.7	81.6	83.5	* 3450-3499

3500-3549	* 68.3	70.3	72.2	74.2	76.1	78.1	80.0	82.0	83.9	85.9	* 3500-3549
3550-3599	* 70.3	72.3	74.3	76.3	78.3	80.3	82.3	84.3	86.3	88.3	* 3550-3599
3600-3649	* 72.2	74.3	76.4	78.4	80.5	82.6	84.6	86.7	88.8	90.8	* 3600-3649
3650-3699	* 74.3	76.4	78.5	80.6	82.7	84.9	87.0	89.1	91.2	93.3	* 3650-3699
3700-3749	* 76.3	78.5	80.6	82.8	85.0	87.2	89.4	91.5	93.7	95.9	* 3700-3749

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	7.0 7.1	7.2 7.3	7.4 7.5	7.6 7.7	7.8 7.9	8.0 8.1	8.2 8.3	8.4 8.5	8.6 8.7	8.8 8.9	CENTRE DIAM CLASS (MM)
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VOLUME CUBIC METRES

3750-3799	78.3	80.6	82.8	85.1	87.3	89.5	91.8	94.0	96.3	98.5	3750-3799
3800-3849	80.4	82.7	85.0	87.3	89.6	91.9	94.2	96.5	98.8	101.1	3800-3849
3850-3899	82.6	84.9	87.3	89.6	92.0	94.3	96.7	99.1	101.4	103.8	3850-3899
3900-3949	84.7	87.1	89.5	92.0	94.4	96.8	99.2	101.6	104.1	106.5	3900-3949
3950-3999	86.9	89.4	91.8	94.3	96.8	99.3	101.8	104.2	106.7	109.2	3950-3999
4000-4049	89.1	91.6	94.2	96.7	99.2	101.8	104.3	106.9	109.4	112.0	4000-4049
4050-4099	91.3	93.9	96.5	99.1	101.7	104.3	106.9	109.6	112.2	114.8	4050-4099
4100-4149	93.5	96.2	98.9	101.6	104.2	106.9	109.6	112.3	114.9	117.6	4100-4149
4150-4199	95.8	98.6	101.3	104.0	106.8	109.5	112.3	115.0	117.7	120.5	4150-4199
4200-4249	98.1	100.9	103.7	106.6	109.4	112.2	115.0	117.8	120.6	123.4	4200-4249
4250-4299	100.5	103.3	106.2	109.1	112.0	114.8	117.7	120.6	123.4	126.3	4250-4299
4300-4349	102.8	105.8	108.7	111.7	114.6	117.5	120.5	123.4	126.3	129.3	4300-4349
4350-4399	105.2	108.2	111.2	114.3	117.3	120.3	123.3	126.3	129.3	132.3	4350-4399
4400-4449	107.7	110.7	113.8	116.9	120.0	123.0	126.1	129.2	132.3	135.3	4400-4449
4450-4499	110.1	113.2	116.4	119.5	122.7	125.8	129.0	132.1	135.3	138.4	4450-4499
4500-4549	112.6	115.8	119.0	122.2	125.4	128.7	131.9	135.1	138.3	141.5	4500-4549
4550-4599	115.1	118.4	121.6	124.9	128.2	131.5	134.8	138.1	141.4	144.7	4550-4599
4600-4649	117.6	121.0	124.3	127.7	131.0	134.4	137.8	141.1	144.5	147.8	4600-4649
4650-4699	120.2	123.6	127.0	130.5	133.9	137.3	140.8	144.2	147.6	151.1	4650-4699
4700-4749	122.7	126.2	129.8	133.3	136.8	140.3	143.8	147.3	150.8	154.3	4700-4749
4750-4799	125.4	128.9	132.5	136.1	139.7	143.3	146.8	150.4	154.0	157.6	4750-4799
4800-4849	128.0	131.6	135.3	139.0	142.6	146.3	149.9	153.6	157.2	160.9	4800-4849
4850-4899	130.7	134.4	138.1	141.9	145.6	149.3	153.1	156.8	160.5	164.3	4850-4899
4900-4949	133.4	137.2	141.0	144.8	148.6	152.4	156.2	160.0	163.8	167.6	4900-4949
4950-4999	136.1	140.0	143.8	147.7	151.6	155.5	159.4	163.3	167.2	171.1	4950-4999

LOG LENGTH CLASS-METRES

CENTRE	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	CLASS
(MM)											(MM)
VOLUME CUBIC METRES											
100	.08	.08	.08	.08	.08	.09	.09	.09	.09	.09	100
110	.09	.10	.10	.10	.10	.10	.11	.11	.11	.11	110
120	.11	.11	.12	.12	.12	.12	.13	.13	.13	.13	120
130	.13	.13	.13	.14	.14	.14	.15	.15	.15	.15	130
140	.15	.15	.16	.16	.16	.17	.17	.17	.18	.18	140
150	.17	.17	.18	.18	.18	.19	.19	.20	.20	.20	150
160	.19	.20	.20	.21	.21	.21	.22	.22	.23	.23	160
170	.22	.22	.23	.23	.24	.24	.25	.25	.25	.26	170
180	.24	.25	.25	.26	.26	.27	.27	.28	.28	.29	180
190	.27	.27	.28	.29	.29	.30	.30	.31	.32	.32	190
200	.30	.30	.31	.32	.32	.33	.34	.34	.35	.36	200
210	.33	.33	.34	.35	.36	.36	.37	.38	.38	.39	210
220	.36	.37	.37	.38	.39	.40	.41	.41	.42	.43	220
230	.39	.40	.41	.42	.43	.43	.44	.45	.46	.47	230
240	.42	.43	.44	.45	.46	.47	.48	.49	.50	.51	240
250	.46	.47	.48	.49	.50	.51	.52	.53	.54	.55	250
260	.50	.51	.52	.53	.54	.55	.56	.57	.58	.60	260
270	.53	.55	.56	.57	.58	.59	.61	.62	.63	.64	270
280	.57	.59	.60	.61	.63	.64	.65	.66	.68	.69	280
290	.62	.63	.64	.66	.67	.68	.70	.71	.72	.74	290
300	.66	.67	.69	.70	.72	.73	.75	.76	.77	.79	300
310	.70	.72	.73	.75	.76	.78	.79	.81	.83	.84	310
320	.75	.76	.78	.80	.81	.83	.85	.86	.88	.90	320
330	.79	.81	.83	.85	.86	.88	.90	.92	.93	.95	330
340	.84	.86	.88	.90	.92	.93	.95	.97	.99	1.01	340
350	.89	.91	.93	.95	.97	.99	1.01	1.03	1.05	1.07	350
360	.94	.96	.98	1.00	1.03	1.05	1.07	1.09	1.11	1.13	360
370	.99	1.02	1.04	1.06	1.08	1.10	1.13	1.15	1.17	1.19	370
380	1.05	1.07	1.09	1.12	1.14	1.16	1.19	1.21	1.23	1.26	380
390	1.10	1.13	1.15	1.18	1.20	1.23	1.25	1.27	1.30	1.32	390
400	1.16	1.19	1.21	1.24	1.26	1.29	1.31	1.34	1.37	1.39	400
410	1.22	1.24	1.27	1.30	1.33	1.35	1.38	1.41	1.43	1.46	410
420	1.28	1.31	1.33	1.36	1.39	1.42	1.45	1.48	1.50	1.53	420
430	1.34	1.37	1.40	1.43	1.46	1.49	1.52	1.55	1.58	1.61	430
440	1.40	1.43	1.46	1.49	1.52	1.56	1.59	1.62	1.65	1.68	440

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	9.0 TO 9.1	9.2 TO 9.3	9.4 TO 9.5	9.6 TO 9.7	9.8 TO 9.9	10.0 TO 10.1	10.2 TO 10.3	10.4 TO 10.5	10.6 TO 10.7	10.8 TO 10.9	CENTRE DIAM CLASS (MM)
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VOLUME CUBIC METRES

450	1.46	1.50	1.53	1.56	1.59	1.63	1.66	1.69	1.72	1.76	450
460	1.53	1.56	1.60	1.63	1.66	1.70	1.73	1.77	1.80	1.83	460
470	1.59	1.63	1.67	1.70	1.74	1.77	1.81	1.84	1.88	1.91	470
480	1.66	1.70	1.74	1.77	1.81	1.85	1.88	1.92	1.96	2.00	480
490	1.73	1.77	1.81	1.85	1.89	1.92	1.96	2.00	2.04	2.08	490
500	1.80	1.84	1.88	1.92	1.96	2.00	2.04	2.08	2.12	2.16	500
510	1.87	1.92	1.96	2.00	2.04	2.08	2.12	2.17	2.21	2.25	510
520	1.95	1.99	2.03	2.08	2.12	2.16	2.21	2.25	2.29	2.34	520
530	2.02	2.07	2.11	2.16	2.20	2.25	2.29	2.34	2.38	2.43	530
540	2.10	2.15	2.19	2.24	2.29	2.33	2.38	2.43	2.47	2.52	540
550	2.18	2.23	2.27	2.32	2.37	2.42	2.47	2.52	2.56	2.61	550
560	2.26	2.31	2.36	2.41	2.46	2.51	2.56	2.61	2.66	2.71	560
570	2.34	2.39	2.44	2.49	2.54	2.60	2.65	2.70	2.75	2.80	570
580	2.42	2.47	2.53	2.58	2.63	2.69	2.74	2.80	2.85	2.90	580
590	2.50	2.56	2.61	2.67	2.72	2.78	2.84	2.89	2.95	3.00	590
600	2.59	2.64	2.70	2.76	2.82	2.87	2.93	2.99	3.05	3.10	600
610	2.67	2.73	2.79	2.85	2.91	2.97	3.03	3.09	3.15	3.21	610
620	2.76	2.82	2.88	2.95	3.01	3.07	3.13	3.19	3.25	3.31	620
630	2.85	2.91	2.98	3.04	3.10	3.17	3.23	3.29	3.36	3.42	630
640	2.94	3.01	3.07	3.14	3.20	3.27	3.33	3.40	3.46	3.53	640
650	3.03	3.10	3.17	3.23	3.30	3.37	3.44	3.50	3.57	3.64	650
660	3.13	3.20	3.26	3.33	3.40	3.47	3.54	3.61	3.68	3.75	660
670	3.22	3.29	3.36	3.44	3.51	3.58	3.65	3.72	3.79	3.86	670
680	3.32	3.39	3.46	3.54	3.61	3.69	3.76	3.83	3.91	3.98	680
690	3.41	3.49	3.57	3.64	3.72	3.79	3.87	3.95	4.02	4.10	690
700	3.51	3.59	3.67	3.75	3.83	3.90	3.98	4.06	4.14	4.22	700
710	3.61	3.69	3.77	3.85	3.93	4.02	4.10	4.18	4.26	4.34	710
720	3.72	3.80	3.88	3.96	4.05	4.13	4.21	4.29	4.38	4.46	720
730	3.82	3.90	3.99	4.07	4.16	4.24	4.33	4.41	4.50	4.58	730
740	3.92	4.01	4.10	4.18	4.27	4.36	4.45	4.53	4.62	4.71	740
750	4.03	4.12	4.21	4.30	4.39	4.48	4.57	4.66	4.75	4.84	750
760	4.14	4.23	4.32	4.41	4.50	4.60	4.69	4.78	4.87	4.96	760
770	4.25	4.34	4.43	4.53	4.62	4.72	4.81	4.91	5.00	5.09	770
780	4.36	4.45	4.55	4.65	4.74	4.84	4.94	5.03	5.13	5.23	780
790	4.47	4.57	4.67	4.77	4.86	4.96	5.06	5.16	5.26	5.36	790

LOG LENGTH CLASS-METRES

CENTRE	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

800	4.58	4.68	4.78	4.89	4.99	5.09	5.19	5.29	5.39	5.50	800
810	4.70	4.80	4.90	5.01	5.11	5.22	5.32	5.43	5.53	5.63	810
820	4.81	4.92	5.02	5.13	5.24	5.35	5.45	5.56	5.67	5.77	820
830	4.93	5.04	5.15	5.26	5.37	5.48	5.59	5.70	5.80	5.91	830
840	5.05	5.16	5.27	5.38	5.50	5.61	5.72	5.83	5.94	6.06	840
850	5.17	5.28	5.40	5.51	5.63	5.74	5.86	5.97	6.09	6.20	850
860	5.29	5.41	5.52	5.64	5.76	5.88	5.99	6.11	6.23	6.35	860
870	5.41	5.53	5.65	5.77	5.89	6.01	6.13	6.25	6.37	6.49	870
880	5.54	5.66	5.78	5.91	6.03	6.15	6.27	6.40	6.52	6.64	880
890	5.66	5.79	5.91	6.04	6.17	6.29	6.42	6.54	6.67	6.79	890
900	5.79	5.92	6.05	6.18	6.30	6.43	6.56	6.69	6.82	6.95	900
910	5.92	6.05	6.18	6.31	6.44	6.58	6.71	6.84	6.97	7.10	910
920	6.05	6.18	6.32	6.45	6.59	6.72	6.85	6.99	7.12	7.26	920
930	6.18	6.32	6.45	6.59	6.73	6.87	7.00	7.14	7.28	7.42	930
940	6.31	6.45	6.59	6.73	6.87	7.01	7.15	7.29	7.43	7.57	940
950	6.45	6.59	6.73	6.88	7.02	7.16	7.31	7.45	7.59	7.74	950
960	6.58	6.73	6.87	7.02	7.17	7.31	7.46	7.61	7.75	7.90	960
970	6.72	6.87	7.02	7.17	7.32	7.47	7.62	7.76	7.91	8.06	970
980	6.86	7.01	7.16	7.32	7.47	7.62	7.77	7.92	8.08	8.23	980
990	7.00	7.15	7.31	7.46	7.62	7.78	7.93	8.09	8.24	8.40	990
1000	7.14	7.30	7.46	7.62	7.77	7.93	8.09	8.25	8.41	8.57	1000
1010	7.28	7.44	7.61	7.77	7.93	8.09	8.25	8.42	8.58	8.74	1010
1020	7.43	7.59	7.76	7.92	8.09	8.25	8.42	8.58	8.75	8.91	1020
1030	7.57	7.74	7.91	8.08	8.25	8.41	8.58	8.75	8.92	9.09	1030
1040	7.72	7.89	8.06	8.23	8.41	8.58	8.75	8.92	9.09	9.26	1040
1050	7.87	8.04	8.22	8.39	8.57	8.74	8.92	9.09	9.27	9.44	1050
1060	8.02	8.20	8.37	8.55	8.73	8.91	9.09	9.26	9.44	9.62	1060
1070	8.17	8.35	8.53	8.71	8.89	9.08	9.26	9.44	9.62	9.80	1070
1080	8.32	8.51	8.69	8.88	9.06	9.25	9.43	9.62	9.80	9.99	1080
1090	8.48	8.66	8.85	9.04	9.23	9.42	9.61	9.79	9.98	10.17	1090
1100	8.63	8.82	9.01	9.21	9.40	9.59	9.78	9.97	10.17	10.36	1100
1110	8.79	8.98	9.18	9.37	9.57	9.76	9.96	10.15	10.35	10.55	1110
1120	8.95	9.14	9.34	9.54	9.74	9.94	10.14	10.34	10.54	10.74	1120
1130	9.11	9.31	9.51	9.71	9.92	10.12	10.32	10.52	10.72	10.93	1130
1140	9.27	9.47	9.68	9.88	10.09	10.30	10.50	10.71	10.91	11.12	1140

LOG LENGTH CLASS-METRES

CENTRE	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	CLASS
(MM)											(MM)
VOLUME CUBIC METRES											
1150	9.43	9.64	9.85	10.06	10.27	10.48	10.69	10.90	11.11	11.32	1150
1160	9.59	9.81	10.02	10.23	10.45	10.66	10.87	11.09	11.30	11.51	1160
1170	9.76	9.98	10.19	10.41	10.63	10.84	11.06	11.28	11.49	11.71	1170
1180	9.93	10.15	10.37	10.59	10.81	11.03	11.25	11.47	11.69	11.91	1180
1190	10.09	10.32	10.54	10.77	10.99	11.22	11.44	11.66	11.89	12.11	1190
1200	10.26	10.49	10.72	10.95	11.18	11.40	11.63	11.86	12.09	12.32	1200
1210	10.43	10.67	10.90	11.13	11.36	11.59	11.83	12.06	12.29	12.52	1210
1220	10.61	10.84	11.08	11.31	11.55	11.79	12.02	12.26	12.49	12.73	1220
1230	10.78	11.02	11.26	11.50	11.74	11.98	12.22	12.46	12.70	12.94	1230
1240	10.96	11.20	11.44	11.69	11.93	12.17	12.42	12.66	12.90	13.15	1240
1250	11.13	11.38	11.63	11.88	12.12	12.37	12.62	12.87	13.11	13.36	1250
1260	11.31	11.56	11.81	12.07	12.32	12.57	12.82	13.07	13.32	13.57	1260
1270	11.49	11.75	12.00	12.26	12.51	12.77	13.02	13.28	13.53	13.79	1270
1280	11.67	11.93	12.19	12.45	12.71	12.97	13.23	13.49	13.75	14.01	1280
1290	11.85	12.12	12.38	12.64	12.91	13.17	13.43	13.70	13.96	14.23	1290
1300	12.04	12.31	12.57	12.84	13.11	13.38	13.64	13.91	14.18	14.45	1300
1310	12.22	12.49	12.77	13.04	13.31	13.58	13.85	14.12	14.40	14.67	1310
1320	12.41	12.69	12.96	13.24	13.51	13.79	14.06	14.34	14.62	14.89	1320
1330	12.60	12.88	13.16	13.44	13.72	14.00	14.28	14.56	14.84	15.12	1330
1340	12.79	13.07	13.36	13.64	13.92	14.21	14.49	14.78	15.06	15.34	1340
1350	12.98	13.27	13.55	13.84	14.13	14.42	14.71	15.00	15.29	15.57	1350
1360	13.17	13.46	13.76	14.05	14.34	14.63	14.93	15.22	15.51	15.80	1360
1370	13.36	13.66	13.96	14.25	14.55	14.85	15.15	15.44	15.74	16.04	1370
1380	13.56	13.86	14.16	14.46	14.76	15.07	15.37	15.67	15.97	16.27	1380
1390	13.76	14.06	14.37	14.67	14.98	15.28	15.59	15.90	16.20	16.51	1390
1400	13.95	14.26	14.57	14.88	15.19	15.50	15.81	16.12	16.43	16.74	1400
1410	14.15	14.47	14.78	15.10	15.41	15.73	16.04	16.35	16.67	16.98	1410
1420	14.35	14.67	14.99	15.31	15.63	15.95	16.27	16.59	16.91	17.22	1420
1430	14.56	14.88	15.20	15.53	15.85	16.17	16.50	16.82	17.14	17.47	1430
1440	14.76	15.09	15.42	15.74	16.07	16.40	16.73	17.06	17.38	17.71	1440
1450	14.96	15.30	15.63	15.96	16.29	16.63	16.96	17.29	17.62	17.96	1450
1460	15.17	15.51	15.85	16.18	16.52	16.86	17.19	17.53	17.87	18.20	1460
1470	15.38	15.72	16.06	16.40	16.75	17.09	17.43	17.77	18.11	18.45	1470
1480	15.59	15.93	16.28	16.63	16.97	17.32	17.67	18.01	18.36	18.71	1480
1490	15.80	16.15	16.50	16.85	17.20	17.55	17.90	18.26	18.61	18.96	1490

LOG LENGTH CLASS-METRES

CENTRE	* 9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	* CLASS
(MM)	*										(MM)
* * * * * VOLUME CUBIC METRES * * * * *											
1500-1519	* 16.12	16.48	16.83	17.19	17.55	17.91	18.27	18.62	18.98	19.34	* 1500-1519
1520-1539	* 16.55	16.91	17.28	17.65	18.02	18.39	18.75	19.12	19.49	19.86	* 1520-1539
1540-1559	* 16.98	17.36	17.74	18.11	18.49	18.87	19.25	19.62	20.00	20.38	* 1540-1559
1560-1579	* 17.42	17.81	18.20	18.58	18.97	19.36	19.75	20.13	20.52	20.91	* 1560-1579
1580-1599	* 17.87	18.27	18.66	19.06	19.46	19.86	20.25	20.65	21.05	21.44	* 1580-1599
1600-1619	* 18.32	18.73	19.14	19.54	19.95	20.36	20.77	21.17	21.58	21.99	* 1600-1619
1620-1639	* 18.78	19.20	19.62	20.03	20.45	20.87	21.28	21.70	22.12	22.54	* 1620-1639
1640-1659	* 19.24	19.67	20.10	20.53	20.95	21.38	21.81	22.24	22.67	23.09	* 1640-1659
1660-1679	* 19.71	20.15	20.59	21.03	21.47	21.90	22.34	22.78	23.22	23.66	* 1660-1679
1680-1699	* 20.19	20.64	21.09	21.53	21.98	22.43	22.88	23.33	23.78	24.23	* 1680-1699
1700-1719	* 20.67	21.13	21.59	22.05	22.51	22.97	23.43	23.88	24.34	24.80	* 1700-1719
1720-1739	* 21.16	21.63	22.10	22.57	23.04	23.51	23.98	24.45	24.92	25.39	* 1720-1739
1740-1759	* 21.65	22.13	22.61	23.09	23.57	24.05	24.53	25.01	25.50	25.98	* 1740-1759
1760-1779	* 22.15	22.64	23.13	23.62	24.11	24.61	25.10	25.59	26.08	26.57	* 1760-1779
1780-1799	* 22.65	23.15	23.66	24.16	24.66	25.16	25.67	26.17	26.67	27.18	* 1780-1799
1800-1819	* 23.16	23.67	24.19	24.70	25.22	25.73	26.25	26.76	27.27	27.79	* 1800-1819
1820-1839	* 23.67	24.20	24.72	25.25	25.78	26.30	26.83	27.35	27.88	28.41	* 1820-1839
1840-1859	* 24.19	24.73	25.27	25.81	26.34	26.88	27.42	27.96	28.49	29.03	* 1840-1859
1860-1879	* 24.72	25.27	25.82	26.37	26.92	27.46	28.01	28.56	29.11	29.66	* 1860-1879
1880-1899	* 25.25	25.81	26.37	26.93	27.49	28.06	28.62	29.18	29.74	30.30	* 1880-1899
1900-1919	* 25.79	26.36	26.93	27.51	28.08	28.65	29.23	29.80	30.37	30.94	* 1900-1919
1920-1939	* 26.33	26.91	27.50	28.09	28.67	29.26	29.84	30.43	31.01	31.60	* 1920-1939
1940-1959	* 26.88	27.48	28.07	28.67	29.27	29.86	30.46	31.06	31.66	32.25	* 1940-1959
1960-1979	* 27.43	28.04	28.65	29.26	29.87	30.48	31.09	31.70	32.31	32.92	* 1960-1979
1980-1999	* 27.99	28.61	29.24	29.86	30.48	31.10	31.72	32.35	32.97	33.59	* 1980-1999

LOG LENGTH CLASS-METRES

CENTRE	* 9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	* CLASS
(MM)	* *										* (MM)

VOLUME CUBIC METRES											

2000-2019	* 28.56	29.19	29.83	30.46	31.10	31.73	32.37	33.00	33.63	34.27	* 2000-2019
2020-2039	* 29.13	29.78	30.42	31.07	31.72	32.37	33.01	33.66	34.31	34.95	* 2020-2039
2040-2059	* 29.71	30.37	31.03	31.69	32.35	33.01	33.67	34.33	34.99	35.65	* 2040-2059
2060-2079	* 30.29	30.96	31.63	32.31	32.98	33.65	34.33	35.00	35.67	36.35	* 2060-2079
2080-2099	* 30.88	31.56	32.25	32.93	33.62	34.31	34.99	35.68	36.37	37.05	* 2080-2099

2100-2119	* 31.47	32.17	32.87	33.57	34.27	34.97	35.67	36.37	37.06	37.76	* 2100-2119
2120-2139	* 32.07	32.78	33.49	34.21	34.92	35.63	36.35	37.06	37.77	38.48	* 2120-2139
2140-2159	* 32.67	33.40	34.13	34.85	35.58	36.31	37.03	37.76	38.48	39.21	* 2140-2159
2160-2179	* 33.29	34.02	34.76	35.50	36.24	36.98	37.72	38.46	39.20	39.94	* 2160-2179
2180-2199	* 33.90	34.66	35.41	36.16	36.92	37.67	38.42	39.18	39.93	40.68	* 2180-2199

2200-2219	* 34.52	35.29	36.06	36.83	37.59	38.36	39.13	39.89	40.66	41.43	* 2200-2219
2220-2239	* 35.15	35.93	36.71	37.49	38.28	39.06	39.84	40.62	41.40	42.18	* 2220-2239
2240-2259	* 35.78	36.58	37.38	38.17	38.97	39.76	40.56	41.35	42.15	42.94	* 2240-2259
2260-2279	* 36.42	37.23	38.04	38.85	39.66	40.47	41.28	42.09	42.90	43.71	* 2260-2279
2280-2299	* 37.07	37.89	38.72	39.54	40.36	41.19	42.01	42.83	43.66	44.48	* 2280-2299

2300-2319	* 37.72	38.56	39.40	40.23	41.07	41.91	42.75	43.59	44.42	45.26	* 2300-2319
2320-2339	* 38.37	39.23	40.08	40.93	41.79	42.64	43.49	44.34	45.20	46.05	* 2320-2339
2340-2359	* 39.04	39.90	40.77	41.64	42.51	43.37	44.24	45.11	45.98	46.84	* 2340-2359
2360-2379	* 39.70	40.59	41.47	42.35	43.23	44.12	45.00	45.88	46.76	47.64	* 2360-2379
2380-2399	* 40.38	41.27	42.17	43.07	43.97	44.86	45.76	46.66	47.55	48.45	* 2380-2399

2400-2419	* 41.06	41.97	42.88	43.79	44.70	45.62	46.53	47.44	48.35	49.27	* 2400-2419
2420-2439	* 41.74	42.67	43.59	44.52	45.45	46.38	47.30	48.23	49.16	50.09	* 2420-2439
2440-2459	* 42.43	43.37	44.31	45.26	46.20	47.14	48.09	49.03	49.97	50.92	* 2440-2459
2460-2479	* 43.12	44.08	45.04	46.00	46.96	47.92	48.87	49.83	50.79	51.75	* 2460-2479
2480-2499	* 43.83	44.80	45.77	46.75	47.72	48.70	49.67	50.64	51.62	52.59	* 2480-2499

LOG LENGTH CLASS-METRES

CENTRE	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

2500-2549	45.1	46.1	47.1	48.1	49.1	50.1	51.1	52.1	53.1	54.1	2500-2549
2550-2599	46.9	47.9	49.0	50.0	51.0	52.1	53.1	54.2	55.2	56.2	2550-2599
2600-2649	48.7	49.8	50.9	52.0	53.0	54.1	55.2	56.3	57.4	58.4	2600-2649
2650-2699	50.6	51.7	52.8	54.0	55.1	56.2	57.3	58.4	59.6	60.7	2650-2699
2700-2749	52.5	53.7	54.8	56.0	57.2	58.3	59.5	60.7	61.8	63.0	2700-2749
2750-2799	54.4	55.6	56.9	58.1	59.3	60.5	61.7	62.9	64.1	65.3	2750-2799
2800-2849	56.4	57.7	58.9	60.2	61.4	62.7	63.9	65.2	66.4	67.7	2800-2849
2850-2899	58.4	59.7	61.0	62.3	63.6	64.9	66.2	67.5	68.8	70.1	2850-2899
2900-2949	60.5	61.8	63.2	64.5	65.9	67.2	68.5	69.9	71.2	72.6	2900-2949
2950-2999	62.6	64.0	65.3	66.7	68.1	69.5	70.9	72.3	73.7	75.1	2950-2999
3000-3049	64.7	66.1	67.6	69.0	70.4	71.9	73.3	74.7	76.2	77.6	3000-3049
3050-3099	66.8	68.3	69.8	71.3	72.8	74.3	75.7	77.2	78.7	80.2	3050-3099
3100-3149	69.0	70.6	72.1	73.6	75.2	76.7	78.2	79.8	81.3	82.8	3100-3149
3150-3199	71.3	72.8	74.4	76.0	77.6	79.2	80.8	82.3	83.9	85.5	3150-3199
3200-3249	73.5	75.2	76.8	78.4	80.1	81.7	83.3	85.0	86.6	88.2	3200-3249
3250-3299	75.8	77.5	79.2	80.9	82.6	84.2	85.9	87.6	89.3	91.0	3250-3299
3300-3349	78.1	79.9	81.6	83.4	85.1	86.8	88.6	90.3	92.0	93.8	3300-3349
3350-3399	80.5	82.3	84.1	85.9	87.7	89.5	91.3	93.0	94.8	96.6	3350-3399
3400-3449	82.9	84.8	86.6	88.4	90.3	92.1	94.0	95.8	97.7	99.5	3400-3449
3450-3499	85.4	87.3	89.2	91.0	92.9	94.8	96.7	98.6	100.5	102.4	3450-3499
3500-3549	87.8	89.8	91.7	93.7	95.6	97.6	99.5	101.5	103.4	105.4	3500-3549
3550-3599	90.3	92.3	94.4	96.4	98.4	100.4	102.4	104.4	106.4	108.4	3550-3599
3600-3649	92.9	94.9	97.0	99.1	101.1	103.2	105.3	107.3	109.4	111.5	3600-3649
3650-3699	95.5	97.6	99.7	101.8	104.0	106.1	108.2	110.3	112.4	114.6	3650-3699
3700-3749	98.1	100.3	102.4	104.6	106.8	109.0	111.2	113.3	115.5	117.7	3700-3749

LOG LENGTH CLASS=METRES

CENTRE	*	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	*	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

	*											
3750-3799	*	100.7	103.0	105.2	107.4	109.7	111.9	114.2	116.4	118.6	120.9	* 3750-3799
3800-3849	*	103.4	105.7	108.0	110.3	112.6	114.9	117.2	119.5	121.8	124.1	* 3800-3849
3850-3899	*	106.1	108.5	110.9	113.2	115.6	117.9	120.3	122.6	125.0	127.4	* 3850-3899
3900-3949	*	108.9	111.3	113.7	116.2	118.6	121.0	123.4	125.8	128.3	130.7	* 3900-3949
3950-3999	*	111.7	114.2	116.7	119.1	121.6	124.1	126.6	129.1	131.5	134.0	* 3950-3999

4000-4049	*	114.5	117.1	119.6	122.1	124.7	127.2	129.8	132.3	134.9	137.4	* 4000-4049
4050-4099	*	117.4	120.0	122.6	125.2	127.8	130.4	133.0	135.6	138.2	140.9	* 4050-4099
4100-4149	*	120.3	122.9	125.6	128.3	131.0	133.6	136.3	139.0	141.7	144.3	* 4100-4149
4150-4199	*	123.2	125.9	128.7	131.4	134.2	136.9	139.6	142.4	145.1	147.9	* 4150-4199
4200-4249	*	126.2	129.0	131.8	134.6	137.4	140.2	143.0	145.8	148.6	151.4	* 4200-4249

4250-4299	*	129.2	132.1	134.9	137.8	140.7	143.5	146.4	149.3	152.1	155.0	* 4250-4299
4300-4349	*	132.2	135.2	138.1	141.0	144.0	146.9	149.9	152.8	155.7	158.7	* 4300-4349
4350-4399	*	135.3	138.3	141.3	144.3	147.3	150.3	153.3	156.3	159.3	162.4	* 4350-4399
4400-4449	*	138.4	141.5	144.6	147.6	150.7	153.8	156.9	159.9	163.0	166.1	* 4400-4449
4450-4499	*	141.6	144.7	147.8	151.0	154.1	157.3	160.4	163.6	166.7	169.9	* 4450-4499

4500-4549	*	144.7	147.9	151.2	154.4	157.6	160.8	164.0	167.2	170.5	173.7	* 4500-4549
4550-4599	*	147.9	151.2	154.5	157.8	161.1	164.4	167.7	171.0	174.3	177.5	* 4550-4599
4600-4649	*	151.2	154.6	157.9	161.3	164.6	168.0	171.4	174.7	178.1	181.4	* 4600-4649
4650-4699	*	154.5	157.9	161.4	164.8	168.2	171.7	175.1	178.5	182.0	185.4	* 4650-4699
4700-4749	*	157.8	161.3	164.8	168.3	171.8	175.3	178.9	182.4	185.9	189.4	* 4700-4749

4750-4799	*	161.2	164.7	168.3	171.9	175.5	179.1	182.7	186.2	189.8	193.4	* 4750-4799
4800-4849	*	164.6	168.2	171.9	175.5	179.2	182.8	186.5	190.2	193.8	197.5	* 4800-4849
4850-4899	*	168.0	171.7	175.5	179.2	182.9	186.7	190.4	194.1	197.9	201.6	* 4850-4899
4900-4949	*	171.5	175.3	179.1	182.9	186.7	190.5	194.3	198.1	201.9	205.7	* 4900-4949
4950-4999	*	175.0	178.8	182.7	186.6	190.5	194.4	198.3	202.2	206.1	209.9	* 4950-4999

LOG LENGTH CLASS-METRES

CENTRE	* 11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	* CLASS
(MM)											(MM)

VOLUME CUBIC METRES

100	* .10	.10	.10	.10	.10	.10	.11	.11	.11	.11	* 100
110	* .11	.12	.12	.12	.12	.12	.13	.13	.13	.13	* 110
120	* .13	.14	.14	.14	.14	.15	.15	.15	.15	.16	* 120
130	* .16	.16	.16	.17	.17	.17	.17	.18	.18	.18	* 130
140	* .18	.18	.19	.19	.19	.20	.20	.20	.21	.21	* 140
150	* .21	.21	.22	.22	.22	.23	.23	.23	.24	.24	* 150
160	* .24	.24	.24	.25	.25	.26	.26	.27	.27	.27	* 160
170	* .26	.27	.27	.28	.28	.29	.29	.30	.30	.31	* 170
180	* .30	.30	.31	.31	.32	.32	.33	.33	.34	.34	* 180
190	* .33	.33	.34	.35	.35	.36	.36	.37	.38	.38	* 190
200	* .36	.37	.38	.38	.39	.40	.40	.41	.42	.42	* 200
210	* .40	.41	.41	.42	.43	.44	.44	.45	.46	.46	* 210
220	* .44	.45	.45	.46	.47	.48	.49	.49	.50	.51	* 220
230	* .48	.49	.49	.50	.51	.52	.53	.54	.55	.56	* 230
240	* .52	.53	.54	.55	.56	.57	.58	.58	.59	.60	* 240
250	* .56	.57	.58	.59	.60	.61	.62	.63	.64	.65	* 250
260	* .61	.62	.63	.64	.65	.66	.67	.68	.69	.71	* 260
270	* .65	.67	.68	.69	.70	.71	.72	.74	.75	.76	* 270
280	* .70	.71	.73	.74	.75	.77	.78	.79	.80	.82	* 280
290	* .75	.77	.78	.79	.81	.82	.83	.85	.86	.87	* 290
300	* .80	.82	.83	.85	.86	.88	.89	.91	.92	.94	* 300
310	* .86	.87	.89	.90	.92	.94	.95	.97	.98	1.00	* 310
320	* .91	.93	.95	.96	.98	1.00	1.01	1.03	1.05	1.06	* 320
330	* .97	.99	1.00	1.02	1.04	1.06	1.08	1.09	1.11	1.13	* 330
340	* 1.03	1.05	1.07	1.08	1.10	1.12	1.14	1.16	1.18	1.20	* 340
350	* 1.09	1.11	1.13	1.15	1.17	1.19	1.21	1.23	1.25	1.27	* 350
360	* 1.15	1.17	1.19	1.21	1.23	1.26	1.28	1.30	1.32	1.34	* 360
370	* 1.21	1.24	1.26	1.28	1.30	1.33	1.35	1.37	1.39	1.41	* 370
380	* 1.28	1.30	1.33	1.35	1.37	1.40	1.42	1.44	1.47	1.49	* 380
390	* 1.35	1.37	1.40	1.42	1.45	1.47	1.50	1.52	1.54	1.57	* 390
400	* 1.42	1.44	1.47	1.49	1.52	1.55	1.57	1.60	1.62	1.65	* 400
410	* 1.49	1.51	1.54	1.57	1.60	1.62	1.65	1.68	1.70	1.73	* 410
420	* 1.56	1.59	1.62	1.65	1.67	1.70	1.73	1.76	1.79	1.82	* 420
430	* 1.63	1.66	1.69	1.72	1.75	1.78	1.81	1.84	1.87	1.90	* 430
440	* 1.71	1.74	1.77	1.80	1.84	1.87	1.90	1.93	1.96	1.99	* 440

LOG LENGTH CLASS-METRES

CENTRE	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES											

450	1.79	1.82	1.85	1.89	1.92	1.95	1.98	2.02	2.05	2.08	450
460	1.87	1.90	1.94	1.97	2.00	2.04	2.07	2.11	2.14	2.17	460
470	1.95	1.98	2.02	2.06	2.09	2.13	2.16	2.20	2.23	2.27	470
480	2.03	2.07	2.11	2.14	2.18	2.22	2.25	2.29	2.33	2.36	480
490	2.12	2.16	2.19	2.23	2.27	2.31	2.35	2.39	2.42	2.46	490
500	2.20	2.24	2.28	2.32	2.36	2.40	2.44	2.48	2.52	2.56	500
510	2.29	2.33	2.37	2.42	2.46	2.50	2.54	2.58	2.62	2.67	510
520	2.38	2.42	2.47	2.51	2.55	2.60	2.64	2.68	2.73	2.77	520
530	2.47	2.52	2.56	2.61	2.65	2.70	2.74	2.79	2.83	2.88	530
540	2.57	2.61	2.66	2.71	2.75	2.80	2.85	2.89	2.94	2.99	540
550	2.66	2.71	2.76	2.81	2.85	2.90	2.95	3.00	3.05	3.10	550
560	2.76	2.81	2.86	2.91	2.96	3.01	3.06	3.11	3.16	3.21	560
570	2.86	2.91	2.96	3.01	3.06	3.12	3.17	3.22	3.27	3.32	570
580	2.96	3.01	3.06	3.12	3.17	3.23	3.28	3.33	3.39	3.44	580
590	3.06	3.11	3.17	3.23	3.28	3.34	3.39	3.45	3.50	3.56	590
600	3.16	3.22	3.28	3.33	3.39	3.45	3.51	3.56	3.62	3.68	600
610	3.27	3.33	3.39	3.45	3.51	3.56	3.62	3.68	3.74	3.80	610
620	3.37	3.44	3.50	3.56	3.62	3.68	3.74	3.80	3.87	3.93	620
630	3.48	3.55	3.61	3.67	3.74	3.80	3.86	3.93	3.99	4.05	630
640	3.59	3.66	3.72	3.79	3.86	3.92	3.99	4.05	4.12	4.18	640
650	3.71	3.77	3.84	3.91	3.98	4.04	4.11	4.18	4.25	4.31	650
660	3.82	3.89	3.96	4.03	4.10	4.17	4.24	4.31	4.38	4.45	660
670	3.94	4.01	4.08	4.15	4.22	4.29	4.37	4.44	4.51	4.58	670
680	4.05	4.13	4.20	4.27	4.35	4.42	4.50	4.57	4.64	4.72	680
690	4.17	4.25	4.32	4.40	4.48	4.55	4.63	4.70	4.78	4.85	690
700	4.29	4.37	4.45	4.53	4.61	4.68	4.76	4.84	4.92	5.00	700
710	4.42	4.50	4.58	4.66	4.74	4.82	4.90	4.98	5.06	5.14	710
720	4.54	4.62	4.71	4.79	4.87	4.95	5.04	5.12	5.20	5.28	720
730	4.67	4.75	4.84	4.92	5.01	5.09	5.18	5.26	5.35	5.43	730
740	4.80	4.88	4.97	5.06	5.14	5.23	5.32	5.41	5.49	5.58	740
750	4.92	5.01	5.10	5.19	5.28	5.37	5.46	5.55	5.64	5.73	750
760	5.06	5.15	5.24	5.33	5.42	5.52	5.61	5.70	5.79	5.88	760
770	5.19	5.28	5.38	5.47	5.57	5.66	5.76	5.85	5.94	6.04	770
780	5.32	5.42	5.52	5.61	5.71	5.81	5.90	6.00	6.10	6.19	780
790	5.46	5.56	5.66	5.76	5.86	5.96	6.06	6.16	6.25	6.35	790

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	11.0 TO 11.1	11.2 TO 11.3	11.4 TO 11.5	11.6 TO 11.7	11.8 TO 11.9	12.0 TO 12.1	12.2 TO 12.3	12.4 TO 12.5	12.6 TO 12.7	12.8 TO 12.9	CENTRE DIAM CLASS (MM)
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VOLUME CUBIC METRES

800	5.60	5.70	5.80	5.90	6.01	6.11	6.21	6.31	6.41	6.51	800
810	5.74	5.84	5.95	6.05	6.16	6.26	6.36	6.47	6.57	6.68	810
820	5.88	5.99	6.09	6.20	6.31	6.41	6.52	6.63	6.74	6.84	820
830	6.02	6.13	6.24	6.35	6.46	6.57	6.68	6.79	6.90	7.01	830
840	6.17	6.28	6.39	6.51	6.62	6.73	6.84	6.95	7.07	7.18	840
850	6.32	6.43	6.55	6.66	6.77	6.89	7.00	7.12	7.23	7.35	850
860	6.46	6.58	6.70	6.82	6.93	7.05	7.17	7.29	7.40	7.52	860
870	6.61	6.73	6.86	6.98	7.10	7.22	7.34	7.46	7.58	7.70	870
880	6.77	6.89	7.01	7.14	7.26	7.38	7.50	7.63	7.75	7.87	880
890	6.92	7.05	7.17	7.30	7.42	7.55	7.68	7.80	7.93	8.05	890
900	7.08	7.20	7.33	7.46	7.59	7.72	7.85	7.98	8.11	8.23	900
910	7.23	7.36	7.50	7.63	7.76	7.89	8.02	8.15	8.29	8.42	910
920	7.39	7.53	7.66	7.80	7.93	8.06	8.20	8.33	8.47	8.60	920
930	7.55	7.69	7.83	7.96	8.10	8.24	8.38	8.51	8.65	8.79	930
940	7.72	7.86	8.00	8.14	8.28	8.42	8.56	8.70	8.84	8.98	940
950	7.88	8.02	8.17	8.31	8.45	8.60	8.74	8.88	9.03	9.17	950
960	8.05	8.19	8.34	8.48	8.63	8.78	8.92	9.07	9.22	9.36	960
970	8.21	8.36	8.51	8.66	8.81	8.96	9.11	9.26	9.41	9.56	970
980	8.38	8.53	8.69	8.84	8.99	9.14	9.30	9.45	9.60	9.75	980
990	8.55	8.71	8.86	9.02	9.18	9.33	9.49	9.64	9.80	9.95	990
1000	8.73	8.88	9.04	9.20	9.36	9.52	9.68	9.84	10.00	10.15	1000
1010	8.90	9.06	9.22	9.39	9.55	9.71	9.87	10.03	10.20	10.36	1010
1020	9.08	9.24	9.41	9.57	9.74	9.90	10.07	10.23	10.40	10.56	1020
1030	9.25	9.42	9.59	9.76	9.93	10.10	10.26	10.43	10.60	10.77	1030
1040	9.43	9.61	9.78	9.95	10.12	10.29	10.46	10.64	10.81	10.98	1040
1050	9.62	9.79	9.97	10.14	10.32	10.49	10.66	10.84	11.01	11.19	1050
1060	9.80	9.98	10.16	10.33	10.51	10.69	10.87	11.05	11.22	11.40	1060
1070	9.98	10.17	10.35	10.53	10.71	10.89	11.07	11.25	11.44	11.62	1070
1080	10.17	10.36	10.54	10.73	10.91	11.10	11.28	11.46	11.65	11.83	1080
1090	10.36	10.55	10.74	10.92	11.11	11.30	11.49	11.68	11.87	12.05	1090
1100	10.55	10.74	10.93	11.12	11.32	11.51	11.70	11.89	12.08	12.28	1100
1110	10.74	10.94	11.13	11.33	11.52	11.72	11.91	12.11	12.30	12.50	1110
1120	10.93	11.13	11.33	11.53	11.73	11.93	12.13	12.33	12.52	12.72	1120
1130	11.13	11.33	11.53	11.74	11.94	12.14	12.34	12.55	12.75	12.95	1130
1140	11.33	11.53	11.74	11.94	12.15	12.36	12.56	12.77	12.97	13.18	1140

LOG LENGTH CLASS-METRES

CENTRE	* 11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	* CLASS
(MM)											(MM)
VOLUME CUBIC METRES											
1150	* 11.53	11.73	11.94	12.15	12.36	12.57	12.78	12.99	13.20	13.41	* 1150
1160	* 11.73	11.94	12.15	12.37	12.58	12.79	13.00	13.22	13.43	13.64	* 1160
1170	* 11.93	12.14	12.36	12.58	12.80	13.01	13.23	13.45	13.66	13.88	* 1170
1180	* 12.13	12.35	12.57	12.79	13.01	13.23	13.46	13.68	13.90	14.12	* 1180
1190	* 12.34	12.56	12.79	13.01	13.23	13.46	13.68	13.91	14.13	14.36	* 1190
1200	* 12.54	12.77	13.00	13.23	13.46	13.69	13.91	14.14	14.37	14.60	* 1200
1210	* 12.75	12.99	13.22	13.45	13.68	13.91	14.14	14.38	14.61	14.84	* 1210
1220	* 12.96	13.20	13.44	13.67	13.91	14.14	14.38	14.61	14.85	15.09	* 1220
1230	* 13.18	13.42	13.66	13.90	14.14	14.37	14.61	14.85	15.09	15.33	* 1230
1240	* 13.39	13.63	13.88	14.12	14.37	14.61	14.85	15.10	15.34	15.58	* 1240
1250	* 13.61	13.85	14.10	14.35	14.60	14.84	15.09	15.34	15.59	15.83	* 1250
1260	* 13.82	14.08	14.33	14.58	14.83	15.08	15.33	15.58	15.84	16.09	* 1260
1270	* 14.04	14.30	14.56	14.81	15.07	15.32	15.58	15.83	16.09	16.34	* 1270
1280	* 14.27	14.52	14.78	15.04	15.30	15.56	15.82	16.08	16.34	16.60	* 1280
1290	* 14.49	14.75	15.02	15.28	15.54	15.81	16.07	16.33	16.60	16.86	* 1290
1300	* 14.71	14.98	15.25	15.52	15.78	16.05	16.32	16.59	16.85	17.12	* 1300
1310	* 14.94	15.21	15.48	15.75	16.03	16.30	16.57	16.84	17.11	17.38	* 1310
1320	* 15.17	15.44	15.72	15.99	16.27	16.55	16.82	17.10	17.37	17.65	* 1320
1330	* 15.40	15.68	15.96	16.24	16.52	16.80	17.08	17.36	17.64	17.92	* 1330
1340	* 15.63	15.91	16.20	16.48	16.77	17.05	17.33	17.62	17.90	18.19	* 1340
1350	* 15.86	16.15	16.44	16.73	17.02	17.30	17.59	17.88	18.17	18.46	* 1350
1360	* 16.10	16.39	16.68	16.98	17.27	17.56	17.85	18.15	18.44	18.73	* 1360
1370	* 16.33	16.63	16.93	17.22	17.52	17.82	18.12	18.41	18.71	19.01	* 1370
1380	* 16.57	16.87	17.17	17.48	17.78	18.08	18.38	18.68	18.98	19.28	* 1380
1390	* 16.81	17.12	17.42	17.73	18.04	18.34	18.65	18.95	19.26	19.56	* 1390
1400	* 17.05	17.36	17.67	17.98	18.29	18.60	18.91	19.22	19.53	19.85	* 1400
1410	* 17.30	17.61	17.93	18.24	18.56	18.87	19.19	19.50	19.81	20.13	* 1410
1420	* 17.54	17.86	18.18	18.50	18.82	19.14	19.46	19.78	20.10	20.41	* 1420
1430	* 17.79	18.11	18.44	18.76	19.08	19.41	19.73	20.05	20.38	20.70	* 1430
1440	* 18.04	18.37	18.70	19.02	19.35	19.68	20.01	20.34	20.66	20.99	* 1440
1450	* 18.29	18.62	18.95	19.29	19.62	19.95	20.29	20.62	20.95	21.28	* 1450
1460	* 18.54	18.88	19.22	19.55	19.89	20.23	20.56	20.90	21.24	21.58	* 1460
1470	* 18.80	19.14	19.48	19.82	20.16	20.50	20.85	21.19	21.53	21.87	* 1470
1480	* 19.05	19.40	19.74	20.09	20.44	20.78	21.13	21.48	21.82	22.17	* 1480
1490	* 19.31	19.66	20.01	20.36	20.71	21.06	21.42	21.77	22.12	22.47	* 1490

LOG LENGTH CLASS-METRES

CENTRE	* 11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	* CLASS
(MM)	*										(MM)

VOLUME CUBIC METRES

1500-1519	* 19.70	20.06	20.41	20.77	21.13	21.49	21.85	22.21	22.56	22.92	* 1500-1519
1520-1539	* 20.22	20.59	20.96	21.33	21.69	22.06	22.43	22.80	23.17	23.53	* 1520-1539
1540-1559	* 20.76	21.13	21.51	21.89	22.27	22.64	23.02	23.40	23.78	24.15	* 1540-1559
1560-1579	* 21.30	21.68	22.07	22.46	22.84	23.23	23.62	24.01	24.39	24.78	* 1560-1579
1580-1599	* 21.84	22.24	22.64	23.03	23.43	23.83	24.22	24.62	25.02	25.42	* 1580-1599
1600-1619	* 22.39	22.80	23.21	23.62	24.02	24.43	24.84	25.24	25.65	26.06	* 1600-1619
1620-1639	* 22.95	23.37	23.79	24.21	24.62	25.04	25.46	25.88	26.29	26.71	* 1620-1639
1640-1659	* 23.52	23.95	24.38	24.80	25.23	25.66	26.09	26.51	26.94	27.37	* 1640-1659
1660-1679	* 24.09	24.53	24.97	25.41	25.85	26.28	26.72	27.16	27.60	28.04	* 1660-1679
1680-1699	* 24.67	25.12	25.57	26.02	26.47	26.92	27.37	27.82	28.26	28.71	* 1680-1699
1700-1719	* 25.26	25.72	26.18	26.64	27.10	27.56	28.02	28.48	28.94	29.40	* 1700-1719
1720-1739	* 25.86	26.33	26.80	27.27	27.74	28.21	28.68	29.15	29.62	30.09	* 1720-1739
1740-1759	* 26.46	26.94	27.42	27.90	28.38	28.86	29.34	29.83	30.31	30.79	* 1740-1759
1760-1779	* 27.07	27.56	28.05	28.54	29.03	29.53	30.02	30.51	31.00	31.50	* 1760-1779
1780-1799	* 27.68	28.18	28.69	29.19	29.69	30.20	30.70	31.20	31.71	32.21	* 1780-1799
1800-1819	* 28.30	28.82	29.33	29.85	30.36	30.88	31.39	31.91	32.42	32.93	* 1800-1819
1820-1839	* 28.93	29.46	29.98	30.51	31.04	31.56	32.09	32.61	33.14	33.67	* 1820-1839
1840-1859	* 29.57	30.11	30.64	31.18	31.72	32.26	32.79	33.33	33.87	34.41	* 1840-1859
1860-1879	* 30.21	30.76	31.31	31.86	32.41	32.96	33.51	34.06	34.61	35.15	* 1860-1879
1880-1899	* 30.86	31.42	31.98	32.54	33.11	33.67	34.23	34.79	35.35	35.91	* 1880-1899
1900-1919	* 31.52	32.09	32.66	33.24	33.81	34.38	34.96	35.53	36.10	36.67	* 1900-1919
1920-1939	* 32.18	32.77	33.35	33.94	34.52	35.11	35.69	36.28	36.86	37.45	* 1920-1939
1940-1959	* 32.85	33.45	34.05	34.64	35.24	35.84	36.44	37.03	37.63	38.23	* 1940-1959
1960-1979	* 33.53	34.14	34.75	35.36	35.97	36.58	37.19	37.80	38.41	39.02	* 1960-1979
1980-1999	* 34.21	34.83	35.46	36.08	36.70	37.32	37.95	38.57	39.19	39.81	* 1980-1999

LOG LENGTH CLASS-METRES

CENTRE	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

2000-2019	34.90	35.54	36.17	36.81	37.44	38.08	38.71	39.35	39.98	40.62	2000-2019
2020-2039	35.60	36.25	36.90	37.54	38.19	38.84	39.49	40.13	40.78	41.43	2020-2039
2040-2059	36.31	36.97	37.63	38.29	38.95	39.61	40.27	40.93	41.59	42.25	2040-2059
2060-2079	37.02	37.69	38.37	39.04	39.71	40.38	41.06	41.73	42.40	43.08	2060-2079
2080-2099	37.74	38.42	39.11	39.80	40.48	41.17	41.85	42.54	43.23	43.91	2080-2099
2100-2119	38.46	39.16	39.86	40.56	41.26	41.96	42.66	43.36	44.06	44.76	2100-2119
2120-2139	39.20	39.91	40.62	41.33	42.05	42.76	43.47	44.18	44.90	45.61	2120-2139
2140-2159	39.94	40.66	41.39	42.11	42.84	43.57	44.29	45.02	45.74	46.47	2140-2159
2160-2179	40.68	41.42	42.16	42.90	43.64	44.38	45.12	45.86	46.60	47.34	2160-2179
2180-2199	41.44	42.19	42.94	43.70	44.45	45.20	45.96	46.71	47.46	48.22	2180-2199
2200-2219	42.20	42.96	43.73	44.50	45.26	46.03	46.80	47.57	48.33	49.10	2200-2219
2220-2239	42.96	43.74	44.53	45.31	46.09	46.87	47.65	48.43	49.21	49.99	2220-2239
2240-2259	43.74	44.53	45.33	46.12	46.92	47.71	48.51	49.30	50.10	50.89	2240-2259
2260-2279	44.52	45.33	46.14	46.95	47.76	48.56	49.37	50.18	50.99	51.80	2260-2279
2280-2299	45.31	46.13	46.95	47.78	48.60	49.42	50.25	51.07	51.90	52.72	2280-2299
2300-2319	46.10	46.94	47.78	48.62	49.45	50.29	51.13	51.97	52.81	53.64	2300-2319
2320-2339	46.90	47.76	48.61	49.46	50.31	51.17	52.02	52.87	53.72	54.58	2320-2339
2340-2359	47.71	48.58	49.45	50.31	51.18	52.05	52.92	53.78	54.65	55.52	2340-2359
2360-2379	48.53	49.41	50.29	51.17	52.06	52.94	53.82	54.70	55.58	56.47	2360-2379
2380-2399	49.35	50.25	51.14	52.04	52.94	53.84	54.73	55.63	56.53	57.42	2380-2399
2400-2419	50.18	51.09	52.00	52.92	53.83	54.74	55.65	56.56	57.48	58.39	2400-2419
2420-2439	51.01	51.94	52.87	53.80	54.72	55.65	56.58	57.51	58.43	59.36	2420-2439
2440-2459	51.86	52.80	53.74	54.69	55.63	56.57	57.52	58.46	59.40	60.34	2440-2459
2460-2479	52.71	53.67	54.62	55.58	56.54	57.50	58.46	59.42	60.37	61.33	2460-2479
2480-2499	53.57	54.54	55.51	56.49	57.46	58.43	59.41	60.38	61.36	62.33	2480-2499

LOG LENGTH CLASS=METRES

CENTRE	*	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	* CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	*	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	* CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

2500-2549	*	55.1	56.1	57.1	58.1	59.1	60.1	61.1	62.1	63.1	64.1	* 2500-2549
2550-2599	*	57.3	58.3	59.4	60.4	61.5	62.5	63.5	64.6	65.6	66.7	* 2550-2599
2600-2649	*	59.5	60.6	61.7	62.8	63.9	64.9	66.0	67.1	68.2	69.3	* 2600-2649
2650-2699	*	61.8	62.9	64.1	65.2	66.3	67.4	68.6	69.7	70.8	71.9	* 2650-2699
2700-2749	*	64.2	65.3	66.5	67.7	68.8	70.0	71.2	72.3	73.5	74.7	* 2700-2749

2750-2799	*	66.5	67.7	68.9	70.2	71.4	72.6	73.8	75.0	76.2	77.4	* 2750-2799
2800-2849	*	68.9	70.2	71.5	72.7	74.0	75.2	76.5	77.7	79.0	80.2	* 2800-2849
2850-2899	*	71.4	72.7	74.0	75.3	76.6	77.9	79.2	80.5	81.8	83.1	* 2850-2899
2900-2949	*	73.9	75.3	76.6	77.9	79.3	80.6	82.0	83.3	84.7	86.0	* 2900-2949
2950-2999	*	76.5	77.9	79.2	80.6	82.0	83.4	84.8	86.2	87.6	89.0	* 2950-2999

3000-3049	*	79.1	80.5	81.9	83.4	84.8	86.2	87.7	89.1	90.6	92.0	* 3000-3049
3050-3099	*	81.7	83.2	84.7	86.1	87.6	89.1	90.6	92.1	93.6	95.1	* 3050-3099
3100-3149	*	84.4	85.9	87.4	89.0	90.5	92.0	93.6	95.1	96.6	98.2	* 3100-3149
3150-3199	*	87.1	88.7	90.3	91.8	93.4	95.0	96.6	98.2	99.8	101.3	* 3150-3199
3200-3249	*	89.9	91.5	93.1	94.8	96.4	98.0	99.7	101.3	102.9	104.6	* 3200-3249

3250-3299	*	92.7	94.3	96.0	97.7	99.4	101.1	102.8	104.5	106.1	107.8	* 3250-3299
3300-3349	*	95.5	97.3	99.0	100.7	102.5	104.2	105.9	107.7	109.4	111.1	* 3300-3349
3350-3399	*	98.4	100.2	102.0	103.8	105.6	107.4	109.1	110.9	112.7	114.5	* 3350-3399
3400-3449	*	101.3	103.2	105.0	106.9	108.7	110.6	112.4	114.2	116.1	117.9	* 3400-3449
3450-3499	*	104.3	106.2	108.1	110.0	111.9	113.8	115.7	117.6	119.5	121.4	* 3450-3499

3500-3549	*	107.3	109.3	111.3	113.2	115.2	117.1	119.1	121.0	123.0	124.9	* 3500-3549
3550-3599	*	110.4	112.4	114.4	116.4	118.4	120.5	122.5	124.5	126.5	128.5	* 3550-3599
3600-3649	*	113.5	115.6	117.7	119.7	121.8	123.8	125.9	128.0	130.0	132.1	* 3600-3649
3650-3699	*	116.7	118.8	120.9	123.0	125.2	127.3	129.4	131.5	133.7	135.8	* 3650-3699
3700-3749	*	119.9	122.1	124.2	126.4	128.6	130.8	133.0	135.1	137.3	139.5	* 3700-3749

LOG LENGTH CLASS-METRES

CENTRE	* 11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	* CENTRE	
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM	
(MM)	* 11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	* (MM)	

VOLUME CUBIC METRES												

3750-3799	* 123.1	125.4	127.6	129.8	132.1	134.3	136.5	138.8	141.0	143.3	* 3750-3799	
3800-3849	* 126.4	128.7	131.0	133.3	135.6	137.9	140.2	142.5	144.8	147.1	* 3800-3849	
3850-3899	* 129.7	132.1	134.4	136.8	139.2	141.5	143.9	146.2	148.6	151.0	* 3850-3899	
3900-3949	* 133.1	135.5	137.9	140.4	142.8	145.2	147.6	150.0	152.5	154.9	* 3900-3949	
3950-3999	* 136.5	139.0	141.5	144.0	146.4	148.9	151.4	153.9	156.4	158.8	* 3950-3999	

4000-4049	* 140.0	142.5	145.1	147.6	150.1	152.7	155.2	157.8	160.3	162.9	* 4000-4049	
4050-4099	* 143.5	146.1	148.7	151.3	153.9	156.5	159.1	161.7	164.3	166.9	* 4050-4099	
4100-4149	* 147.0	149.7	152.4	155.0	157.7	160.4	163.0	165.7	168.4	171.1	* 4100-4149	
4150-4199	* 150.6	153.3	156.1	158.8	161.5	164.3	167.0	169.8	172.5	175.2	* 4150-4199	
4200-4249	* 154.2	157.0	159.8	162.6	165.4	168.2	171.0	173.8	176.7	179.5	* 4200-4249	

4250-4299	* 157.9	160.8	163.6	166.5	169.4	172.2	175.1	178.0	180.9	183.7	* 4250-4299	
4300-4349	* 161.6	164.5	167.5	170.4	173.4	176.3	179.2	182.2	185.1	188.0	* 4300-4349	
4350-4399	* 165.4	168.4	171.4	174.4	177.4	180.4	183.4	186.4	189.4	192.4	* 4350-4399	
4400-4449	* 169.2	172.2	175.3	178.4	181.5	184.5	187.6	190.7	193.8	196.8	* 4400-4449	
4450-4499	* 173.0	176.2	179.3	182.4	185.6	188.7	191.9	195.0	198.2	201.3	* 4450-4499	

4500-4549	* 176.9	180.1	183.3	186.5	189.8	193.0	196.2	199.4	202.6	205.8	* 4500-4549	
4550-4599	* 180.8	184.1	187.4	190.7	194.0	197.3	200.6	203.8	207.1	210.4	* 4550-4599	
4600-4649	* 184.8	188.2	191.5	194.9	198.2	201.6	205.0	208.3	211.7	215.0	* 4600-4649	
4650-4699	* 188.8	192.3	195.7	199.1	202.6	206.0	209.4	212.9	216.3	219.7	* 4650-4699	
4700-4749	* 192.9	196.4	199.9	203.4	206.9	210.4	213.9	217.4	220.9	224.4	* 4700-4749	

4750-4799	* 197.0	200.6	204.1	207.7	211.3	214.9	218.5	222.1	225.6	229.2	* 4750-4799	
4800-4849	* 201.1	204.8	208.4	212.1	215.8	219.4	223.1	226.7	230.4	234.0	* 4800-4849	
4850-4899	* 205.3	209.1	212.8	216.5	220.3	224.0	227.7	231.5	235.2	238.9	* 4850-4899	
4900-4949	* 209.6	213.4	217.2	221.0	224.8	228.6	232.4	236.2	240.0	243.8	* 4900-4949	
4950-4999	* 213.8	217.7	221.6	225.5	229.4	233.3	237.2	241.0	244.9	248.8	* 4950-4999	

LOG LENGTH CLASS-METRES

CENTRE	13.0	13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	CLASS
(MM)											(MM)
VOLUME CUBIC METRES											
100	.11	.11	.12	.12	.12	.12	.12	.12	.13	.13	100
110	.14	.14	.14	.14	.14	.15	.15	.15	.15	.15	110
120	.16	.16	.16	.17	.17	.17	.17	.18	.18	.18	120
130	.19	.19	.19	.19	.20	.20	.20	.21	.21	.21	130
140	.21	.22	.22	.22	.23	.23	.23	.24	.24	.24	140
150	.25	.25	.25	.26	.26	.26	.27	.27	.28	.28	150
160	.28	.28	.29	.29	.30	.30	.30	.31	.31	.32	160
170	.31	.32	.32	.33	.33	.34	.34	.35	.35	.36	170
180	.35	.35	.36	.37	.37	.38	.38	.39	.39	.40	180
190	.39	.39	.40	.41	.41	.42	.42	.43	.44	.44	190
200	.43	.44	.44	.45	.46	.46	.47	.48	.48	.49	200
210	.47	.48	.49	.49	.50	.51	.52	.52	.53	.54	210
220	.52	.52	.53	.54	.55	.56	.56	.57	.58	.59	220
230	.56	.57	.58	.59	.60	.61	.62	.62	.63	.64	230
240	.61	.62	.63	.64	.65	.66	.67	.68	.69	.70	240
250	.66	.67	.68	.69	.70	.71	.73	.74	.75	.76	250
260	.72	.73	.74	.75	.76	.77	.78	.79	.81	.82	260
270	.77	.78	.80	.81	.82	.83	.84	.86	.87	.88	270
280	.83	.84	.85	.87	.88	.89	.91	.92	.93	.94	280
290	.89	.90	.92	.93	.94	.96	.97	.98	1.00	1.01	290
300	.95	.96	.98	.99	1.01	1.02	1.04	1.05	1.07	1.08	300
310	1.01	1.03	1.04	1.06	1.08	1.09	1.11	1.12	1.14	1.15	310
320	1.08	1.10	1.11	1.13	1.14	1.16	1.18	1.19	1.21	1.23	320
330	1.15	1.16	1.18	1.20	1.22	1.23	1.25	1.27	1.29	1.30	330
340	1.22	1.23	1.25	1.27	1.29	1.31	1.33	1.35	1.36	1.38	340
350	1.29	1.31	1.33	1.35	1.37	1.39	1.41	1.43	1.45	1.46	350
360	1.36	1.38	1.40	1.42	1.44	1.46	1.49	1.51	1.53	1.55	360
370	1.44	1.46	1.48	1.50	1.52	1.55	1.57	1.59	1.61	1.63	370
380	1.51	1.54	1.56	1.58	1.61	1.63	1.65	1.68	1.70	1.72	380
390	1.59	1.62	1.64	1.67	1.69	1.72	1.74	1.76	1.79	1.81	390
400	1.67	1.70	1.73	1.75	1.78	1.80	1.83	1.86	1.88	1.91	400
410	1.76	1.79	1.81	1.84	1.87	1.89	1.92	1.95	1.97	2.00	410
420	1.84	1.87	1.90	1.93	1.96	1.99	2.01	2.04	2.07	2.10	420
430	1.93	1.96	1.99	2.02	2.05	2.08	2.11	2.14	2.17	2.20	430
440	2.02	2.05	2.08	2.12	2.15	2.18	2.21	2.24	2.27	2.30	440

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 13.0 * TO * 13.1	* 13.2 * TO * 13.3	* 13.4 * TO * 13.5	* 13.6 * TO * 13.7	* 13.8 * TO * 13.9	* 14.0 * TO * 14.1	* 14.2 * TO * 14.3	* 14.4 * TO * 14.5	* 14.6 * TO * 14.7	* 14.8 * TO * 14.9	* CENTRE * DIAM * CLASS * (MM)
VOLUME CUBIC METRES											
450	2.11	2.15	2.18	2.21	2.24	2.28	2.31	2.34	2.37	2.41	450
460	2.21	2.24	2.28	2.31	2.34	2.38	2.41	2.45	2.48	2.51	460
470	2.30	2.34	2.37	2.41	2.45	2.48	2.52	2.55	2.59	2.62	470
480	2.40	2.44	2.48	2.51	2.55	2.59	2.62	2.66	2.70	2.73	480
490	2.50	2.54	2.58	2.62	2.66	2.69	2.73	2.77	2.81	2.85	490
500	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.96	500
510	2.71	2.75	2.79	2.83	2.87	2.92	2.96	3.00	3.04	3.08	510
520	2.81	2.86	2.90	2.94	2.99	3.03	3.07	3.12	3.16	3.20	520
530	2.92	2.97	3.01	3.06	3.10	3.15	3.19	3.24	3.28	3.33	530
540	3.03	3.08	3.13	3.17	3.22	3.27	3.31	3.36	3.41	3.45	540
550	3.14	3.19	3.24	3.29	3.34	3.39	3.44	3.48	3.53	3.58	550
560	3.26	3.31	3.36	3.41	3.46	3.51	3.56	3.61	3.66	3.71	560
570	3.38	3.43	3.48	3.53	3.58	3.64	3.69	3.74	3.79	3.84	570
580	3.49	3.55	3.60	3.66	3.71	3.76	3.82	3.87	3.92	3.98	580
590	3.61	3.67	3.73	3.78	3.84	3.89	3.95	4.00	4.06	4.12	590
600	3.74	3.79	3.85	3.91	3.97	4.02	4.08	4.14	4.20	4.25	600
610	3.86	3.92	3.98	4.04	4.10	4.16	4.22	4.28	4.34	4.40	610
620	3.99	4.05	4.11	4.17	4.23	4.30	4.36	4.42	4.48	4.54	620
630	4.12	4.18	4.24	4.31	4.37	4.43	4.50	4.56	4.62	4.69	630
640	4.25	4.31	4.38	4.44	4.51	4.57	4.64	4.71	4.77	4.84	640
650	4.38	4.45	4.52	4.58	4.65	4.72	4.78	4.85	4.92	4.99	650
660	4.52	4.58	4.65	4.72	4.79	4.86	4.93	5.00	5.07	5.14	660
670	4.65	4.72	4.80	4.87	4.94	5.01	5.08	5.15	5.22	5.30	670
680	4.79	4.86	4.94	5.01	5.09	5.16	5.23	5.31	5.38	5.45	680
690	4.93	5.01	5.08	5.16	5.24	5.31	5.39	5.46	5.54	5.61	690
700	5.07	5.15	5.23	5.31	5.39	5.47	5.54	5.62	5.70	5.78	700
710	5.22	5.30	5.38	5.46	5.54	5.62	5.70	5.78	5.86	5.94	710
720	5.37	5.45	5.53	5.61	5.70	5.78	5.86	5.94	6.03	6.11	720
730	5.52	5.60	5.69	5.77	5.86	5.94	6.02	6.11	6.19	6.28	730
740	5.67	5.75	5.84	5.93	6.02	6.10	6.19	6.28	6.36	6.45	740
750	5.82	5.91	6.00	6.09	6.18	6.27	6.36	6.45	6.54	6.63	750
760	5.98	6.07	6.16	6.25	6.34	6.43	6.53	6.62	6.71	6.80	760
770	6.13	6.23	6.32	6.42	6.51	6.60	6.70	6.79	6.89	6.98	770
780	6.29	6.39	6.49	6.58	6.68	6.78	6.87	6.97	7.07	7.16	780
790	6.45	6.55	6.65	6.75	6.85	6.95	7.05	7.15	7.25	7.35	790

LOG LENGTH CLASS-METRES

CENTRE	13.0	13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

800	6.62	6.72	6.82	6.92	7.02	7.13	7.23	7.33	7.43	7.53	800
810	6.75	6.89	6.99	7.09	7.20	7.30	7.41	7.51	7.62	7.72	810
820	6.93	7.06	7.16	7.27	7.38	7.48	7.59	7.70	7.80	7.91	820
830	7.12	7.23	7.34	7.45	7.56	7.67	7.78	7.89	7.99	8.10	830
840	7.29	7.40	7.51	7.63	7.74	7.85	7.96	8.08	8.19	8.30	840
850	7.46	7.58	7.69	7.81	7.92	8.04	8.15	8.27	8.38	8.50	850
860	7.64	7.76	7.87	7.99	8.11	8.23	8.34	8.46	8.58	8.70	860
870	7.82	7.94	8.06	8.18	8.30	8.42	8.54	8.66	8.78	8.90	870
880	8.00	8.12	8.24	8.37	8.49	8.61	8.74	8.86	8.98	9.10	880
890	8.18	8.30	8.43	8.56	8.68	8.81	8.93	9.06	9.19	9.31	890
900	8.36	8.49	8.62	8.75	8.88	9.01	9.13	9.26	9.39	9.52	900
910	8.55	8.68	8.81	8.94	9.07	9.21	9.34	9.47	9.60	9.73	910
920	8.74	8.87	9.00	9.14	9.27	9.41	9.54	9.68	9.81	9.95	920
930	8.93	9.06	9.20	9.34	9.48	9.61	9.75	9.89	10.02	10.16	930
940	9.12	9.26	9.40	9.54	9.68	9.82	9.96	10.10	10.24	10.38	940
950	9.31	9.46	9.60	9.74	9.88	10.03	10.17	10.31	10.46	10.60	950
960	9.51	9.65	9.80	9.95	10.09	10.24	10.39	10.53	10.68	10.82	960
970	9.71	9.86	10.00	10.15	10.30	10.45	10.60	10.75	10.90	11.05	970
980	9.91	10.06	10.21	10.36	10.52	10.67	10.82	10.97	11.13	11.28	980
990	10.11	10.26	10.42	10.57	10.73	10.89	11.04	11.20	11.35	11.51	990
1000	10.31	10.47	10.63	10.79	10.95	11.11	11.26	11.42	11.58	11.74	1000
1010	10.52	10.68	10.84	11.00	11.17	11.33	11.49	11.65	11.81	11.98	1010
1020	10.73	10.89	11.06	11.22	11.39	11.55	11.72	11.88	12.05	12.21	1020
1030	10.94	11.11	11.27	11.44	11.61	11.78	11.95	12.12	12.28	12.45	1030
1040	11.15	11.32	11.49	11.66	11.84	12.01	12.18	12.35	12.52	12.69	1040
1050	11.36	11.54	11.71	11.89	12.06	12.24	12.41	12.59	12.76	12.94	1050
1060	11.58	11.76	11.94	12.12	12.29	12.47	12.65	12.83	13.01	13.18	1060
1070	11.80	11.98	12.16	12.34	12.53	12.71	12.89	13.07	13.25	13.43	1070
1080	12.02	12.20	12.39	12.57	12.76	12.94	13.13	13.31	13.50	13.68	1080
1090	12.24	12.43	12.62	12.81	13.00	13.18	13.37	13.56	13.75	13.94	1090
1100	12.47	12.66	12.85	13.04	13.23	13.43	13.62	13.81	14.00	14.19	1100
1110	12.69	12.89	13.08	13.28	13.47	13.67	13.87	14.06	14.26	14.45	1110
1120	12.92	13.12	13.32	13.52	13.72	13.92	14.12	14.31	14.51	14.71	1120
1130	13.15	13.36	13.56	13.76	13.96	14.16	14.37	14.57	14.77	14.97	1130
1140	13.39	13.59	13.80	14.00	14.21	14.42	14.62	14.83	15.03	15.24	1140

LOG LENGTH CLASS-METRES

CENTRE	* 13.0	13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	* CLASS
(MM)	* *										* (MM)

VOLUME CUBIC METRES											

1150	* 13.62	13.83	14.04	14.25	14.46	14.67	14.88	15.09	15.30	15.51	* 1150
1160	* 13.86	14.07	14.28	14.50	14.71	14.92	15.14	15.35	15.56	15.78	* 1160
1170	* 14.10	14.31	14.53	14.75	14.96	15.18	15.40	15.61	15.83	16.05	* 1170
1180	* 14.34	14.56	14.78	15.00	15.22	15.44	15.66	15.88	16.10	16.32	* 1180
1190	* 14.58	14.80	15.03	15.25	15.48	15.70	15.93	16.15	16.37	16.60	* 1190

1200	* 14.83	15.05	15.28	15.51	15.74	15.97	16.19	16.42	16.65	16.88	* 1200
1210	* 15.07	15.30	15.54	15.77	16.00	16.23	16.46	16.70	16.93	17.16	* 1210
1220	* 15.32	15.56	15.79	16.03	16.26	16.50	16.74	16.97	17.21	17.44	* 1220
1230	* 15.57	15.81	16.05	16.29	16.53	16.77	17.01	17.25	17.49	17.73	* 1230
1240	* 15.83	16.07	16.31	16.56	16.80	17.04	17.29	17.53	17.77	18.02	* 1240

1250	* 16.08	16.33	16.58	16.82	17.07	17.32	17.57	17.81	18.06	18.31	* 1250
1260	* 16.34	16.59	16.84	17.09	17.34	17.60	17.85	18.10	18.35	18.60	* 1260
1270	* 16.60	16.85	17.11	17.36	17.62	17.87	18.13	18.39	18.64	18.90	* 1270
1280	* 16.86	17.12	17.38	17.64	17.90	18.16	18.42	18.67	18.93	19.19	* 1280
1290	* 17.12	17.39	17.65	17.91	18.18	18.44	18.70	18.97	19.23	19.49	* 1290

1300	* 17.39	17.66	17.92	18.19	18.46	18.73	18.99	19.26	19.53	19.80	* 1300
1310	* 17.66	17.93	18.20	18.47	18.74	19.01	19.29	19.56	19.83	20.10	* 1310
1320	* 17.93	18.20	18.48	18.75	19.03	19.30	19.58	19.86	20.13	20.41	* 1320
1330	* 18.20	18.48	18.76	19.04	19.32	19.60	19.88	20.16	20.44	20.72	* 1330
1340	* 18.47	18.75	19.04	19.32	19.61	19.89	20.18	20.46	20.74	21.03	* 1340

1350	* 18.75	19.03	19.32	19.61	19.90	20.19	20.48	20.76	21.05	21.34	* 1350
1360	* 19.02	19.32	19.61	19.90	20.19	20.49	20.78	21.07	21.37	21.66	* 1360
1370	* 19.30	19.60	19.90	20.19	20.49	20.79	21.09	21.38	21.68	21.98	* 1370
1380	* 19.59	19.89	20.19	20.49	20.79	21.09	21.39	21.69	22.00	22.30	* 1380
1390	* 19.87	20.17	20.48	20.79	21.09	21.40	21.70	22.01	22.31	22.62	* 1390

1400	* 20.16	20.47	20.78	21.09	21.40	21.71	22.02	22.33	22.64	22.95	* 1400
1410	* 20.44	20.76	21.07	21.39	21.70	22.02	22.33	22.64	22.96	23.27	* 1410
1420	* 20.73	21.05	21.37	21.69	22.01	22.33	22.65	22.97	23.28	23.60	* 1420
1430	* 21.03	21.35	21.67	22.00	22.32	22.64	22.97	23.29	23.61	23.94	* 1430
1440	* 21.32	21.65	21.98	22.30	22.63	22.96	23.29	23.62	23.94	24.27	* 1440

1450	* 21.62	21.95	22.28	22.61	22.95	23.28	23.61	23.94	24.28	24.61	* 1450
1460	* 21.91	22.25	22.59	22.92	23.26	23.60	23.94	24.27	24.61	24.95	* 1460
1470	* 22.21	22.56	22.90	23.24	23.58	23.92	24.26	24.61	24.95	25.29	* 1470
1480	* 22.52	22.86	23.21	23.55	23.90	24.25	24.59	24.94	25.29	25.63	* 1480
1490	* 22.82	23.17	23.52	23.87	24.22	24.58	24.93	25.28	25.63	25.98	* 1490

LOG LENGTH CLASS-METRES

CENTRE	* 13.0	13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	* CLASS
(MM)											(MM)

VOLUME CUBIC METRES

1500-1519	* 23.28	23.64	24.00	24.35	24.71	25.07	25.43	25.79	26.15	26.50	* 1500-1519
1520-1539	* 23.90	24.27	24.64	25.00	25.37	25.74	26.11	26.47	26.84	27.21	* 1520-1539
1540-1559	* 24.53	24.91	25.28	25.66	26.04	26.42	26.79	27.17	27.55	27.93	* 1540-1559
1560-1579	* 25.17	25.55	25.94	26.33	26.72	27.10	27.49	27.88	28.26	28.65	* 1560-1579
1580-1599	* 25.81	26.21	26.61	27.00	27.40	27.80	28.20	28.59	28.99	29.39	* 1580-1599
1600-1619	* 26.47	26.87	27.28	27.69	28.09	28.50	28.91	29.32	29.72	30.13	* 1600-1619
1620-1639	* 27.13	27.54	27.96	28.38	28.80	29.21	29.63	30.05	30.47	30.88	* 1620-1639
1640-1659	* 27.80	28.22	28.65	29.08	29.51	29.94	30.36	30.79	31.22	31.65	* 1640-1659
1660-1679	* 28.48	28.91	29.35	29.79	30.23	30.67	31.10	31.54	31.98	32.42	* 1660-1679
1680-1699	* 29.16	29.61	30.06	30.51	30.96	31.40	31.85	32.30	32.75	33.20	* 1680-1699
1700-1719	* 29.86	30.31	30.77	31.23	31.69	32.15	32.61	33.07	33.53	33.99	* 1700-1719
1720-1739	* 30.56	31.03	31.50	31.97	32.44	32.91	33.38	33.85	34.32	34.79	* 1720-1739
1740-1759	* 31.27	31.75	32.23	32.71	33.19	33.67	34.16	34.64	35.12	35.60	* 1740-1759
1760-1779	* 31.99	32.48	32.97	33.46	33.96	34.45	34.94	35.43	35.92	36.42	* 1760-1779
1780-1799	* 32.71	33.22	33.72	34.22	34.73	35.23	35.73	36.24	36.74	37.24	* 1780-1799
1800-1819	* 33.45	33.96	34.48	34.99	35.51	36.02	36.54	37.05	37.57	38.08	* 1800-1819
1820-1839	* 34.19	34.72	35.24	35.77	36.30	36.82	37.35	37.88	38.40	38.93	* 1820-1839
1840-1859	* 34.94	35.48	36.02	36.56	37.09	37.63	38.17	38.71	39.25	39.78	* 1840-1859
1860-1879	* 35.70	36.25	36.80	37.35	37.90	38.45	39.00	39.55	40.10	40.65	* 1860-1879
1880-1899	* 36.47	37.03	37.59	38.16	38.72	39.28	39.84	40.40	40.96	41.52	* 1880-1899
1900-1919	* 37.25	37.82	38.39	38.97	39.54	40.11	40.69	41.26	41.83	42.41	* 1900-1919
1920-1939	* 38.03	38.62	39.20	39.79	40.37	40.96	41.54	42.13	42.71	43.30	* 1920-1939
1940-1959	* 38.82	39.42	40.02	40.62	41.21	41.81	42.41	43.01	43.60	44.20	* 1940-1959
1960-1979	* 39.62	40.23	40.84	41.45	42.06	42.67	43.28	43.89	44.50	45.11	* 1960-1979
1980-1999	* 40.43	41.06	41.68	42.30	42.92	43.54	44.17	44.79	45.41	46.03	* 1980-1999

LOG LENGTH CLASS-METRES

CENTRE	* 13.0	13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	* CLASS
(MM)	* *										* (MM)
VOLUME CUBIC METRES											
2000-2019	* 41.25	41.88	42.52	43.15	43.79	44.42	45.06	45.69	46.33	46.96	* 2000-2019
2020-2039	* 42.08	42.72	43.37	44.02	44.66	45.31	45.96	46.61	47.25	47.90	* 2020-2039
2040-2059	* 42.91	43.57	44.23	44.89	45.55	46.21	46.87	47.53	48.19	48.85	* 2040-2059
2060-2079	* 43.75	44.42	45.10	45.77	46.44	47.11	47.79	48.46	49.13	49.81	* 2060-2079
2080-2099	* 44.60	45.29	45.97	46.66	47.34	48.03	48.72	49.40	50.09	50.77	* 2080-2099
2100-2119	* 45.46	46.16	46.86	47.55	48.25	48.95	49.65	50.35	51.05	51.75	* 2100-2119
2120-2139	* 46.32	47.04	47.75	48.46	49.17	49.89	50.60	51.31	52.02	52.74	* 2120-2139
2140-2159	* 47.20	47.92	48.65	49.37	50.10	50.83	51.55	52.28	53.01	53.73	* 2140-2159
2160-2179	* 48.08	48.82	49.56	50.30	51.04	51.78	52.52	53.26	54.00	54.74	* 2160-2179
2180-2199	* 48.97	49.72	50.48	51.23	51.98	52.74	53.49	54.24	55.00	55.75	* 2180-2199
2200-2219	* 49.87	50.63	51.40	52.17	52.94	53.70	54.47	55.24	56.01	56.77	* 2200-2219
2220-2239	* 50.77	51.56	52.34	53.12	53.90	54.68	55.46	56.24	57.02	57.80	* 2220-2239
2240-2259	* 51.69	52.48	53.28	54.07	54.87	55.67	56.46	57.26	58.05	58.85	* 2240-2259
2260-2279	* 52.61	53.42	54.23	55.04	55.85	56.66	57.47	58.28	59.09	59.90	* 2260-2279
2280-2299	* 53.54	54.37	55.19	56.01	56.84	57.66	58.49	59.31	60.13	60.96	* 2280-2299
2300-2319	* 54.48	55.32	56.16	57.00	57.84	58.67	59.51	60.35	61.19	62.03	* 2300-2319
2320-2339	* 55.43	56.28	57.14	57.99	58.84	59.69	60.55	61.40	62.25	63.10	* 2320-2339
2340-2359	* 56.39	57.25	58.12	58.99	59.86	60.72	61.59	62.46	63.33	64.19	* 2340-2359
2360-2379	* 57.35	58.23	59.11	60.00	60.88	61.76	62.64	63.53	64.41	65.29	* 2360-2379
2380-2399	* 58.32	59.22	60.12	61.01	61.91	62.81	63.71	64.60	65.50	66.40	* 2380-2399
2400-2419	* 59.30	60.21	61.13	62.04	62.95	63.86	64.78	65.69	66.60	67.51	* 2400-2419
2420-2439	* 60.29	61.22	62.15	63.07	64.00	64.93	65.86	66.78	67.71	68.64	* 2420-2439
2440-2459	* 61.29	62.23	63.17	64.12	65.06	66.00	66.94	67.89	68.83	69.77	* 2440-2459
2460-2479	* 62.29	63.25	64.21	65.17	66.12	67.08	68.04	69.00	69.96	70.92	* 2460-2479
2480-2499	* 63.30	64.28	65.25	66.23	67.20	68.17	69.15	70.12	71.10	72.07	* 2480-2499

LOG LENGTH CLASS-METRES

CENTRE	* 13.0	13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	* CLASS
(MM)	*										* (MM)

VOLUME CUBIC METRES

2500-2549	* 65.1	66.1	67.1	68.1	69.1	70.1	71.1	72.1	73.1	74.1	* 2500-2549
2550-2599	* 67.7	68.7	69.8	70.8	71.9	72.9	73.9	75.0	76.0	77.1	* 2550-2599
2600-2649	* 70.4	71.4	72.5	73.6	74.7	75.8	76.8	77.9	79.0	80.1	* 2600-2649
2650-2699	* 73.1	74.2	75.3	76.4	77.6	78.7	79.8	80.9	82.1	83.2	* 2650-2699
2700-2749	* 75.8	77.0	78.1	79.3	80.5	81.6	82.8	84.0	85.1	86.3	* 2700-2749
2750-2799	* 78.6	79.8	81.0	82.3	83.5	84.7	85.9	87.1	88.3	89.5	* 2750-2799
2800-2849	* 81.5	82.7	84.0	85.2	86.5	87.8	89.0	90.3	91.5	92.8	* 2800-2849
2850-2899	* 84.4	85.7	87.0	88.3	89.6	90.9	92.2	93.5	94.8	96.1	* 2850-2899
2900-2949	* 87.4	88.7	90.0	91.4	92.7	94.1	95.4	96.8	98.1	99.4	* 2900-2949
2950-2999	* 90.4	91.8	93.1	94.5	95.9	97.3	98.7	100.1	101.5	102.9	* 2950-2999
3000-3049	* 93.4	94.9	96.3	97.7	99.2	100.6	102.1	103.5	104.9	106.4	* 3000-3049
3050-3099	* 96.5	98.0	99.5	101.0	102.5	104.0	105.5	106.9	108.4	109.9	* 3050-3099
3100-3149	* 99.7	101.2	102.8	104.3	105.8	107.4	108.9	110.4	112.0	113.5	* 3100-3149
3150-3199	* 102.9	104.5	106.1	107.7	109.3	110.8	112.4	114.0	115.6	117.2	* 3150-3199
3200-3249	* 106.2	107.8	109.5	111.1	112.7	114.4	116.0	117.6	119.3	120.9	* 3200-3249
3250-3299	* 109.5	111.2	112.9	114.6	116.2	117.9	119.6	121.3	123.0	124.7	* 3250-3299
3300-3349	* 112.9	114.6	116.4	118.1	119.8	121.6	123.3	125.0	126.8	128.5	* 3300-3349
3350-3399	* 116.3	118.1	119.9	121.7	123.5	125.2	127.0	128.8	130.6	132.4	* 3350-3399
3400-3449	* 119.8	121.6	123.5	125.3	127.1	129.0	130.8	132.7	134.5	136.4	* 3400-3449
3450-3499	* 123.3	125.2	127.1	129.0	130.9	132.8	134.7	136.6	138.5	140.4	* 3450-3499
3500-3549	* 126.9	128.8	130.8	132.7	134.7	136.6	138.6	140.5	142.5	144.4	* 3500-3549
3550-3599	* 130.5	132.5	134.5	136.5	138.5	140.5	142.5	144.5	146.6	148.6	* 3550-3599
3600-3649	* 134.2	136.2	138.3	140.4	142.4	144.5	146.6	148.6	150.7	152.7	* 3600-3649
3650-3699	* 137.9	140.0	142.1	144.3	146.4	148.5	150.6	152.7	154.9	157.0	* 3650-3699
3700-3749	* 141.7	143.9	146.0	148.2	150.4	152.6	154.8	156.9	159.1	161.3	* 3700-3749

LOG LENGTH CLASS-METRES

CENTRE	* 13.0	13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	* CLASS
(MM)											(MM)
VOLUME CUBIC METRES											
3750-3799	* 145.5	147.7	150.0	152.2	154.5	156.7	158.9	161.2	163.4	165.6	* 3750-3799
3800-3849	* 149.4	151.7	154.0	156.3	158.6	160.9	163.2	165.5	167.8	170.1	* 3800-3849
3850-3899	* 153.3	155.7	158.0	160.4	162.7	165.1	167.5	169.8	172.2	174.5	* 3850-3899
3900-3949	* 157.3	159.7	162.1	164.6	167.0	169.4	171.8	174.2	176.7	179.1	* 3900-3949
3950-3999	* 161.3	163.8	166.3	168.8	171.3	173.7	176.2	178.7	181.2	183.7	* 3950-3999
4000-4049	* 165.4	168.0	170.5	173.0	175.6	178.1	180.7	183.2	185.8	188.3	* 4000-4049
4050-4099	* 169.5	172.2	174.8	177.4	180.0	182.6	185.2	187.8	190.4	193.0	* 4050-4099
4100-4149	* 173.7	176.4	179.1	181.8	184.4	187.1	189.8	192.4	195.1	197.8	* 4100-4149
4150-4199	* 178.0	180.7	183.4	186.2	188.9	191.7	194.4	197.1	199.9	202.6	* 4150-4199
4200-4249	* 182.3	185.1	187.9	190.7	193.5	196.3	199.1	201.9	204.7	207.5	* 4200-4249
4250-4299	* 186.6	189.5	192.3	195.2	198.1	201.0	203.8	206.7	209.6	212.4	* 4250-4299
4300-4349	* 191.0	193.9	196.9	199.8	202.7	205.7	208.6	211.6	214.5	217.4	* 4300-4349
4350-4399	* 195.4	198.4	201.4	204.4	207.5	210.5	213.5	216.5	219.5	222.5	* 4350-4399
4400-4449	* 199.9	203.0	206.1	209.1	212.2	215.3	218.4	221.5	224.5	227.6	* 4400-4449
4450-4499	* 204.5	207.6	210.8	213.9	217.0	220.2	223.3	226.5	229.6	232.8	* 4450-4499
4500-4549	* 209.1	212.3	215.5	218.7	221.9	225.1	228.4	231.6	234.8	238.0	* 4500-4549
4550-4599	* 213.7	217.0	220.3	223.6	226.9	230.1	233.4	236.7	240.0	243.3	* 4550-4599
4600-4649	* 218.4	221.8	225.1	228.5	231.8	235.2	238.6	241.9	245.3	248.6	* 4600-4649
4650-4699	* 223.1	226.6	230.0	233.4	236.9	240.3	243.7	247.2	250.6	254.0	* 4650-4699
4700-4749	* 227.9	231.5	235.0	238.5	242.0	245.5	249.0	252.5	256.0	259.5	* 4700-4749
4750-4799	* 232.8	236.4	240.0	243.5	247.1	250.7	254.3	257.9	261.5	265.0	* 4750-4799
4800-4849	* 237.7	241.4	245.0	248.7	252.3	256.0	259.6	263.3	267.0	270.6	* 4800-4849
4850-4899	* 242.7	246.4	250.1	253.9	257.6	261.3	265.0	268.8	272.5	276.2	* 4850-4899
4900-4949	* 247.7	251.5	255.3	259.1	262.9	266.7	270.5	274.3	278.1	281.9	* 4900-4949
4950-4999	* 252.7	256.6	260.5	264.4	268.3	272.1	276.0	279.9	283.8	287.7	* 4950-4999

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	15.0 TO 15.1	15.2 TO 15.3	15.4 TO 15.5	15.6 TO 15.7	15.8 TO 15.9	16.0 TO 16.1	16.2 TO 16.3	16.4 TO 16.5	16.6 TO 16.7	16.8 TO 16.9	CENTRE DIAM CLASS (MM)
VOLUME CUBIC METRES											
100	.13	.13	.13	.14	.14	.14	.14	.14	.14	.15	100
110	.16	.16	.16	.16	.16	.17	.17	.17	.17	.17	110
120	.18	.19	.19	.19	.19	.20	.20	.20	.20	.21	120
130	.21	.22	.22	.22	.23	.23	.23	.23	.24	.24	130
140	.25	.25	.25	.26	.26	.26	.27	.27	.27	.28	140
150	.28	.29	.29	.29	.30	.30	.31	.31	.31	.32	150
160	.32	.33	.33	.33	.34	.34	.35	.35	.35	.36	160
170	.36	.37	.37	.38	.38	.38	.39	.39	.40	.40	170
180	.40	.41	.41	.42	.42	.43	.44	.44	.45	.45	180
190	.45	.45	.46	.47	.47	.48	.48	.49	.50	.50	190
200	.50	.50	.51	.51	.52	.53	.53	.54	.55	.55	200
210	.54	.55	.56	.57	.57	.58	.59	.60	.60	.61	210
220	.60	.60	.61	.62	.63	.64	.64	.65	.66	.67	220
230	.65	.66	.67	.68	.69	.69	.70	.71	.72	.73	230
240	.71	.72	.73	.74	.74	.75	.76	.77	.78	.79	240
250	.77	.78	.79	.80	.81	.82	.83	.84	.85	.86	250
260	.83	.84	.85	.86	.87	.88	.89	.90	.92	.93	260
270	.89	.90	.91	.93	.94	.95	.96	.97	.99	1.00	270
280	.96	.97	.98	1.00	1.01	1.02	1.03	1.05	1.06	1.07	280
290	1.03	1.04	1.05	1.07	1.08	1.09	1.11	1.12	1.13	1.15	290
300	1.10	1.11	1.13	1.14	1.15	1.17	1.18	1.20	1.21	1.23	300
310	1.17	1.18	1.20	1.22	1.23	1.25	1.26	1.28	1.29	1.31	310
320	1.24	1.26	1.28	1.29	1.31	1.33	1.34	1.36	1.38	1.39	320
330	1.32	1.34	1.36	1.38	1.39	1.41	1.43	1.45	1.46	1.48	330
340	1.40	1.42	1.44	1.46	1.48	1.50	1.51	1.53	1.55	1.57	340
350	1.48	1.50	1.52	1.54	1.56	1.58	1.60	1.62	1.64	1.66	350
360	1.57	1.59	1.61	1.63	1.65	1.67	1.70	1.72	1.74	1.76	360
370	1.66	1.68	1.70	1.72	1.75	1.77	1.79	1.81	1.83	1.86	370
380	1.75	1.77	1.79	1.82	1.84	1.86	1.89	1.91	1.93	1.96	380
390	1.84	1.86	1.89	1.91	1.94	1.96	1.99	2.01	2.03	2.06	390
400	1.93	1.96	1.98	2.01	2.04	2.06	2.09	2.11	2.14	2.16	400
410	2.03	2.06	2.08	2.11	2.14	2.16	2.19	2.22	2.25	2.27	410
420	2.13	2.16	2.18	2.21	2.24	2.27	2.30	2.33	2.35	2.38	420
430	2.23	2.26	2.29	2.32	2.35	2.38	2.41	2.44	2.47	2.50	430
440	2.33	2.36	2.40	2.43	2.46	2.49	2.52	2.55	2.58	2.61	440

LOG LENGTH CLASS=METRES

CENTRE	* 15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	* CENTRE	*****		
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM	*****		
CLASS	* 15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	* CLASS	*****		
(MM)												(MM)	*****	

VOLUME CUBIC METRES														

450	* 2.44	2.47	2.50	2.54	2.57	2.60	2.63	2.67	2.70	2.73	* 450	*****		
460	* 2.55	2.58	2.62	2.65	2.68	2.72	2.75	2.79	2.82	2.85	* 460	*****		
470	* 2.66	2.69	2.73	2.76	2.80	2.84	2.87	2.91	2.94	2.98	* 470	*****		
480	* 2.77	2.81	2.85	2.88	2.92	2.96	2.99	3.03	3.07	3.10	* 480	*****		
490	* 2.89	2.93	2.96	3.00	3.04	3.08	3.12	3.16	3.19	3.23	* 490	*****		
500	* 3.00	3.04	3.08	3.12	3.16	3.20	3.24	3.28	3.32	3.36	* 500	*****		
510	* 3.12	3.17	3.21	3.25	3.29	3.33	3.37	3.42	3.46	3.50	* 510	*****		
520	* 3.25	3.29	3.33	3.38	3.42	3.46	3.51	3.55	3.59	3.64	* 520	*****		
530	* 3.37	3.42	3.46	3.51	3.55	3.60	3.64	3.69	3.73	3.78	* 530	*****		
540	* 3.50	3.55	3.59	3.64	3.69	3.73	3.78	3.83	3.87	3.92	* 540	*****		
550	* 3.63	3.68	3.73	3.77	3.82	3.87	3.92	3.97	4.02	4.06	* 550	*****		
560	* 3.76	3.81	3.86	3.91	3.96	4.01	4.06	4.11	4.16	4.21	* 560	*****		
570	* 3.90	3.95	4.00	4.05	4.10	4.15	4.21	4.26	4.31	4.36	* 570	*****		
580	* 4.03	4.09	4.14	4.19	4.25	4.30	4.35	4.41	4.46	4.52	* 580	*****		
590	* 4.17	4.23	4.28	4.34	4.39	4.45	4.50	4.56	4.62	4.67	* 590	*****		
600	* 4.31	4.37	4.43	4.48	4.54	4.60	4.66	4.71	4.77	4.83	* 600	*****		
610	* 4.46	4.52	4.57	4.63	4.69	4.75	4.81	4.87	4.93	4.99	* 610	*****		
620	* 4.60	4.66	4.72	4.79	4.85	4.91	4.97	5.03	5.09	5.15	* 620	*****		
630	* 4.75	4.81	4.88	4.94	5.00	5.07	5.13	5.19	5.26	5.32	* 630	*****		
640	* 4.90	4.97	5.03	5.10	5.16	5.23	5.29	5.36	5.42	5.49	* 640	*****		
650	* 5.05	5.12	5.19	5.26	5.32	5.39	5.46	5.53	5.59	5.66	* 650	*****		
660	* 5.21	5.28	5.35	5.42	5.49	5.56	5.63	5.70	5.77	5.84	* 660	*****		
670	* 5.37	5.44	5.51	5.58	5.65	5.73	5.80	5.87	5.94	6.01	* 670	*****		
680	* 5.53	5.60	5.68	5.75	5.82	5.90	5.97	6.04	6.12	6.19	* 680	*****		
690	* 5.69	5.77	5.84	5.92	5.99	6.07	6.15	6.22	6.30	6.37	* 690	*****		
700	* 5.86	5.93	6.01	6.09	6.17	6.25	6.32	6.40	6.48	6.56	* 700	*****		
710	* 6.02	6.10	6.18	6.26	6.34	6.42	6.50	6.58	6.67	6.75	* 710	*****		
720	* 6.19	6.27	6.36	6.44	6.52	6.61	6.69	6.77	6.85	6.94	* 720	*****		
730	* 6.36	6.45	6.53	6.62	6.70	6.79	6.87	6.96	7.04	7.13	* 730	*****		
740	* 6.54	6.63	6.71	6.80	6.89	6.97	7.06	7.15	7.24	7.32	* 740	*****		
750	* 6.72	6.80	6.89	6.98	7.07	7.16	7.25	7.34	7.43	7.52	* 750	*****		
760	* 6.89	6.99	7.08	7.17	7.26	7.35	7.45	7.54	7.63	7.72	* 760	*****		
770	* 7.08	7.17	7.26	7.36	7.45	7.55	7.64	7.74	7.83	7.93	* 770	*****		
780	* 7.26	7.36	7.45	7.55	7.65	7.74	7.84	7.94	8.03	8.13	* 780	*****		
790	* 7.45	7.55	7.64	7.74	7.84	7.94	8.04	8.14	8.24	8.34	* 790	*****		

LOG LENGTH CLASS-METRES

CENTRE	* 15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	* CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

800	* 7.63	7.74	7.84	7.94	8.04	8.14	8.25	8.35	8.45	8.55	* 800
810	* 7.83	7.93	8.03	8.14	8.24	8.35	8.45	8.56	8.66	8.76	* 810
820	* 8.02	8.13	8.23	8.34	8.45	8.55	8.66	8.77	8.87	8.98	* 820
830	* 8.21	8.32	8.43	8.54	8.65	8.76	8.87	8.98	9.09	9.20	* 830
840	* 8.41	8.52	8.64	8.75	8.86	8.97	9.08	9.20	9.31	9.42	* 840
850	* 8.61	8.73	8.84	8.96	9.07	9.19	9.30	9.42	9.53	9.65	* 850
860	* 8.81	8.93	9.05	9.17	9.28	9.40	9.52	9.64	9.76	9.87	* 860
870	* 9.02	9.14	9.26	9.38	9.50	9.62	9.74	9.86	9.98	10.10	* 870
880	* 9.23	9.35	9.47	9.60	9.72	9.84	9.97	10.09	10.21	10.33	* 880
890	* 9.44	9.56	9.69	9.81	9.94	10.07	10.19	10.32	10.44	10.57	* 890
900	* 9.65	9.78	9.91	10.03	10.16	10.29	10.42	10.55	10.68	10.81	* 900
910	* 9.86	9.99	10.13	10.26	10.39	10.52	10.65	10.78	10.92	11.05	* 910
920	* 10.08	10.21	10.35	10.48	10.62	10.75	10.89	11.02	11.16	11.29	* 920
930	* 10.30	10.44	10.57	10.71	10.85	10.99	11.12	11.26	11.40	11.54	* 930
940	* 10.52	10.66	10.80	10.94	11.08	11.22	11.36	11.50	11.64	11.78	* 940
950	* 10.74	10.89	11.03	11.17	11.32	11.46	11.60	11.75	11.89	12.03	* 950
960	* 10.97	11.12	11.26	11.41	11.56	11.70	11.85	11.99	12.14	12.29	* 960
970	* 11.20	11.35	11.50	11.65	11.80	11.95	12.10	12.24	12.39	12.54	* 970
980	* 11.43	11.58	11.73	11.89	12.04	12.19	12.34	12.50	12.65	12.80	* 980
990	* 11.66	11.82	11.97	12.13	12.29	12.44	12.60	12.75	12.91	13.06	* 990
1000	* 11.90	12.06	12.22	12.38	12.53	12.69	12.85	13.01	13.17	13.33	* 1000
1010	* 12.14	12.30	12.46	12.62	12.78	12.95	13.11	13.27	13.43	13.59	* 1010
1020	* 12.38	12.54	12.71	12.87	13.04	13.20	13.37	13.53	13.70	13.86	* 1020
1030	* 12.62	12.79	12.96	13.12	13.29	13.46	13.63	13.80	13.97	14.13	* 1030
1040	* 12.87	13.04	13.21	13.38	13.55	13.72	13.89	14.07	14.24	14.41	* 1040
1050	* 13.11	13.29	13.46	13.64	13.81	13.99	14.16	14.34	14.51	14.69	* 1050
1060	* 13.36	13.54	13.72	13.90	14.07	14.25	14.43	14.61	14.79	14.97	* 1060
1070	* 13.61	13.80	13.98	14.16	14.34	14.52	14.70	14.89	15.07	15.25	* 1070
1080	* 13.87	14.05	14.24	14.42	14.61	14.79	14.98	15.16	15.35	15.53	* 1080
1090	* 14.13	14.31	14.50	14.69	14.88	15.07	15.26	15.44	15.63	15.82	* 1090
1100	* 14.38	14.58	14.77	14.96	15.15	15.34	15.54	15.73	15.92	16.11	* 1100
1110	* 14.65	14.84	15.04	15.23	15.43	15.62	15.82	16.01	16.21	16.40	* 1110
1120	* 14.91	15.11	15.31	15.51	15.71	15.90	16.10	16.30	16.50	16.70	* 1120
1130	* 15.18	15.38	15.58	15.78	15.99	16.19	16.39	16.59	16.80	17.00	* 1130
1140	* 15.45	15.65	15.86	16.06	16.27	16.47	16.68	16.89	17.09	17.30	* 1140

LOG LENGTH CLASS-METRES

CENTRE	*	15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	*	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

1150	*	15.72	15.93	16.14	16.34	16.55	16.76	16.97	17.18	17.39	17.60	1150
1160	*	15.99	16.20	16.42	16.63	16.84	17.06	17.27	17.48	17.69	17.91	1160
1170	*	16.27	16.48	16.70	16.92	17.13	17.35	17.57	17.78	18.00	18.22	1170
1180	*	16.54	16.76	16.98	17.20	17.43	17.65	17.87	18.09	18.31	18.53	1180
1190	*	16.82	17.05	17.27	17.50	17.72	17.95	18.17	18.39	18.62	18.84	1190
1200	*	17.11	17.33	17.56	17.79	18.02	18.25	18.47	18.70	18.93	19.16	1200
1210	*	17.39	17.62	17.86	18.09	18.32	18.55	18.78	19.01	19.25	19.48	1210
1220	*	17.68	17.91	18.15	18.39	18.62	18.86	19.09	19.33	19.56	19.80	1220
1230	*	17.97	18.21	18.45	18.69	18.93	19.17	19.41	19.65	19.89	20.12	1230
1240	*	18.26	18.50	18.75	18.99	19.23	19.48	19.72	19.97	20.21	20.45	1240
1250	*	18.56	18.80	19.05	19.30	19.54	19.79	20.04	20.29	20.53	20.78	1250
1260	*	18.85	19.10	19.35	19.61	19.86	20.11	20.36	20.61	20.86	21.11	1260
1270	*	19.15	19.41	19.66	19.92	20.17	20.43	20.68	20.94	21.19	21.45	1270
1280	*	19.45	19.71	19.97	20.23	20.49	20.75	21.01	21.27	21.53	21.79	1280
1290	*	19.76	20.02	20.28	20.55	20.81	21.07	21.34	21.60	21.86	22.13	1290
1300	*	20.06	20.33	20.60	20.87	21.13	21.40	21.67	21.94	22.20	22.47	1300
1310	*	20.37	20.64	20.92	21.19	21.46	21.73	22.00	22.27	22.54	22.82	1310
1320	*	20.68	20.96	21.23	21.51	21.79	22.06	22.34	22.61	22.89	23.16	1320
1330	*	21.00	21.28	21.56	21.84	22.12	22.40	22.68	22.96	23.24	23.52	1330
1340	*	21.31	21.60	21.88	22.16	22.45	22.73	23.02	23.30	23.59	23.87	1340
1350	*	21.63	21.92	22.21	22.50	22.78	23.07	23.36	23.65	23.94	24.23	1350
1360	*	21.95	22.24	22.54	22.83	23.12	23.41	23.71	24.00	24.29	24.58	1360
1370	*	22.27	22.57	22.87	23.16	23.46	23.76	24.06	24.35	24.65	24.95	1370
1380	*	22.60	22.90	23.20	23.50	23.80	24.11	24.41	24.71	25.01	25.31	1380
1390	*	22.93	23.23	23.54	23.84	24.15	24.45	24.76	25.07	25.37	25.68	1390
1400	*	23.26	23.57	23.88	24.19	24.50	24.81	25.12	25.43	25.74	26.05	1400
1410	*	23.59	23.90	24.22	24.53	24.85	25.16	25.48	25.79	26.10	26.42	1410
1420	*	23.92	24.24	24.56	24.88	25.20	25.52	25.84	26.16	26.47	26.79	1420
1430	*	24.26	24.58	24.91	25.23	25.55	25.88	26.20	26.52	26.85	27.17	1430
1440	*	24.60	24.93	25.25	25.58	25.91	26.24	26.57	26.89	27.22	27.55	1440
1450	*	24.94	25.27	25.61	25.94	26.27	26.60	26.94	27.27	27.60	27.93	1450
1460	*	25.28	25.62	25.96	26.30	26.63	26.97	27.31	27.64	27.98	28.32	1460
1470	*	25.63	25.97	26.31	26.66	27.00	27.34	27.68	28.02	28.36	28.71	1470
1480	*	25.98	26.33	26.67	27.02	27.37	27.71	28.06	28.40	28.75	29.10	1480
1490	*	26.33	26.68	27.03	27.38	27.74	28.09	28.44	28.79	29.14	29.49	1490

LOG LENGTH CLASS-METRES

CENTRE	15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

1500-1519	26.86	27.22	27.58	27.94	28.29	28.65	29.01	29.37	29.73	30.09	1500-1519
1520-1539	27.58	27.95	28.31	28.68	29.05	29.42	29.78	30.15	30.52	30.89	1520-1539
1540-1559	28.30	28.68	29.06	29.44	29.81	30.19	30.57	30.95	31.32	31.70	1540-1559
1560-1579	29.04	29.43	29.81	30.20	30.59	30.97	31.36	31.75	32.14	32.52	1560-1579
1580-1599	29.78	30.18	30.58	30.97	31.37	31.77	32.17	32.56	32.96	33.36	1580-1599
1600-1619	30.54	30.94	31.35	31.76	32.17	32.57	32.98	33.39	33.79	34.20	1600-1619
1620-1639	31.30	31.72	32.14	32.55	32.97	33.39	33.80	34.22	34.64	35.06	1620-1639
1640-1659	32.07	32.50	32.93	33.36	33.78	34.21	34.64	35.07	35.49	35.92	1640-1659
1660-1679	32.86	33.29	33.73	34.17	34.61	35.05	35.48	35.92	36.36	36.80	1660-1679
1680-1699	33.65	34.10	34.54	34.99	35.44	35.89	36.34	36.79	37.24	37.69	1680-1699
1700-1719	34.45	34.91	35.37	35.83	36.29	36.75	37.20	37.66	38.12	38.58	1700-1719
1720-1739	35.26	35.73	36.20	36.67	37.14	37.61	38.08	38.55	39.02	39.49	1720-1739
1740-1759	36.08	36.56	37.04	37.52	38.00	38.48	38.97	39.45	39.93	40.41	1740-1759
1760-1779	36.91	37.40	37.89	38.38	38.88	39.37	39.86	40.35	40.85	41.34	1760-1779
1780-1799	37.75	38.25	38.75	39.26	39.76	40.26	40.77	41.27	41.77	42.28	1780-1799
1800-1819	38.60	39.11	39.62	40.14	40.65	41.17	41.68	42.20	42.71	43.23	1800-1819
1820-1839	39.45	39.98	40.51	41.03	41.56	42.08	42.61	43.14	43.66	44.19	1820-1839
1840-1859	40.32	40.86	41.40	41.93	42.47	43.01	43.55	44.08	44.62	45.16	1840-1859
1860-1879	41.20	41.75	42.30	42.84	43.39	43.94	44.49	45.04	45.59	46.14	1860-1879
1880-1899	42.08	42.64	43.21	43.77	44.33	44.89	45.45	46.01	46.57	47.13	1880-1899
1900-1919	42.98	43.55	44.12	44.70	45.27	45.84	46.42	46.99	47.56	48.14	1900-1919
1920-1939	43.88	44.47	45.05	45.64	46.22	46.81	47.39	47.98	48.56	49.15	1920-1939
1940-1959	44.80	45.39	45.99	46.59	47.19	47.78	48.38	48.98	49.58	50.17	1940-1959
1960-1979	45.72	46.33	46.94	47.55	48.16	48.77	49.38	49.99	50.60	51.21	1960-1979
1980-1999	46.65	47.28	47.90	48.52	49.14	49.76	50.39	51.01	51.63	52.25	1980-1999

LOG LENGTH CLASS-METRES

CENTRE	* 15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	* CENTRE	
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM	
CLASS	* 15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	* CLASS	
(MM)	* *										* (MM)	

VOLUME CUBIC METRES												

2000-2019	* 47.60	48.23	48.87	49.50	50.13	50.77	51.40	52.04	52.67	53.31	* 2000-2019	
2020-2039	* 48.55	49.20	49.84	50.49	51.14	51.78	52.43	53.08	53.73	54.37	* 2020-2039	
2040-2059	* 49.51	50.17	50.83	51.49	52.15	52.81	53.47	54.13	54.79	55.45	* 2040-2059	
2060-2079	* 50.48	51.15	51.83	52.50	53.17	53.85	54.52	55.19	55.86	56.54	* 2060-2079	
2080-2099	* 51.46	52.15	52.83	53.52	54.21	54.89	55.58	56.26	56.95	57.64	* 2080-2099	

2100-2119	* 52.45	53.15	53.85	54.55	55.25	55.95	56.65	57.35	58.04	58.74	* 2100-2119	
2120-2139	* 53.45	54.16	54.87	55.59	56.30	57.01	57.73	58.44	59.15	59.86	* 2120-2139	
2140-2159	* 54.46	55.18	55.91	56.64	57.36	58.09	58.81	59.54	60.27	60.99	* 2140-2159	
2160-2179	* 55.48	56.22	56.95	57.69	58.43	59.17	59.91	60.65	61.39	62.13	* 2160-2179	
2180-2199	* 56.50	57.26	58.01	58.76	59.52	60.27	61.02	61.78	62.53	63.28	* 2180-2199	

2200-2219	* 57.54	58.31	59.07	59.84	60.61	61.38	62.14	62.91	63.68	64.44	* 2200-2219	
2220-2239	* 58.59	59.37	60.15	60.93	61.71	62.49	63.27	64.05	64.83	65.62	* 2220-2239	
2240-2259	* 59.64	60.44	61.23	62.03	62.82	63.62	64.41	65.21	66.00	66.80	* 2240-2259	
2260-2279	* 60.71	61.52	62.33	63.13	63.94	64.75	65.56	66.37	67.18	67.99	* 2260-2279	
2280-2299	* 61.78	62.60	63.43	64.25	65.08	65.90	66.72	67.55	68.37	69.19	* 2280-2299	

2300-2319	* 62.86	63.70	64.54	65.38	66.22	67.06	67.89	68.73	69.57	70.41	* 2300-2319	
2320-2339	* 63.96	64.81	65.66	66.52	67.37	68.22	69.07	69.93	70.78	71.63	* 2320-2339	
2340-2359	* 65.06	65.93	66.80	67.66	68.53	69.40	70.27	71.13	72.00	72.87	* 2340-2359	
2360-2379	* 66.17	67.05	67.94	68.82	69.70	70.58	71.47	72.35	73.23	74.11	* 2360-2379	
2380-2399	* 67.29	68.19	69.09	69.99	70.88	71.78	72.68	73.57	74.47	75.37	* 2380-2399	

2400-2419	* 68.43	69.34	70.25	71.16	72.07	72.99	73.90	74.81	75.72	76.64	* 2400-2419	
2420-2439	* 69.57	70.49	71.42	72.35	73.28	74.20	75.13	76.06	76.99	77.91	* 2420-2439	
2440-2459	* 70.72	71.66	72.60	73.54	74.49	75.43	76.37	77.32	78.26	79.20	* 2440-2459	
2460-2479	* 71.87	72.83	73.79	74.75	75.71	76.67	77.62	78.58	79.54	80.50	* 2460-2479	
2480-2499	* 73.04	74.02	74.99	75.96	76.94	77.91	78.89	79.86	80.83	81.81	* 2480-2499	

LOG LENGTH CLASS-METRES

CENTRE	* 15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	* 15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	CLASS
(MM)	*										(MM)

VOLUME CUBIC METRES											

2500-2549	* 75.1	76.1	77.1	78.1	79.1	80.1	81.1	82.1	83.1	84.1	* 2500-2549
2550-2599	* 78.1	79.2	80.2	81.2	82.3	83.3	84.4	85.4	86.4	87.5	* 2550-2599
2600-2649	* 81.2	82.3	83.3	84.4	85.5	86.6	87.7	88.8	89.8	90.9	* 2600-2649
2650-2699	* 84.3	85.4	86.5	87.7	88.8	89.9	91.0	92.2	93.3	94.4	* 2650-2699
2700-2749	* 87.5	88.6	89.8	91.0	92.1	93.3	94.5	95.6	96.8	98.0	* 2700-2749

2750-2799	* 90.7	91.9	93.1	94.3	95.6	96.8	98.0	99.2	100.4	101.6	* 2750-2799
2800-2849	* 94.0	95.3	96.5	97.8	99.0	100.3	101.5	102.8	104.0	105.3	* 2800-2849
2850-2899	* 97.4	98.7	100.0	101.3	102.6	103.9	105.2	106.5	107.8	109.1	* 2850-2899
2900-2949	* 100.8	102.1	103.5	104.8	106.2	107.5	108.9	110.2	111.5	112.9	* 2900-2949
2950-2999	* 104.3	105.7	107.0	108.4	109.8	111.2	112.6	114.0	115.4	116.8	* 2950-2999

3000-3049	* 107.8	109.2	110.7	112.1	113.6	115.0	116.4	117.9	119.3	120.7	* 3000-3049
3050-3099	* 111.4	112.9	114.4	115.9	117.3	118.8	120.3	121.8	123.3	124.8	* 3050-3099
3100-3149	* 115.0	116.6	118.1	119.7	121.2	122.7	124.3	125.8	127.3	128.9	* 3100-3149
3150-3199	* 118.8	120.3	121.9	123.5	125.1	126.7	128.3	129.8	131.4	133.0	* 3150-3199
3200-3249	* 122.5	124.2	125.8	127.4	129.1	130.7	132.3	134.0	135.6	137.2	* 3200-3249

3250-3299	* 126.4	128.0	129.7	131.4	133.1	134.8	136.5	138.2	139.8	141.5	* 3250-3299
3300-3349	* 130.2	132.0	133.7	135.5	137.2	138.9	140.7	142.4	144.1	145.9	* 3300-3349
3350-3399	* 134.2	136.0	137.8	139.6	141.3	143.1	144.9	146.7	148.5	150.3	* 3350-3399
3400-3449	* 138.2	140.0	141.9	143.7	145.6	147.4	149.3	151.1	152.9	154.8	* 3400-3449
3450-3499	* 142.3	144.2	146.1	148.0	149.8	151.7	153.6	155.5	157.4	159.3	* 3450-3499

3500-3549	* 146.4	148.3	150.3	152.2	154.2	156.1	158.1	160.0	162.0	164.0	* 3500-3549
3550-3599	* 150.6	152.6	154.6	156.6	158.6	160.6	162.6	164.6	166.6	168.6	* 3550-3599
3600-3649	* 154.8	156.9	158.9	161.0	163.1	165.1	167.2	169.3	171.3	173.4	* 3600-3649
3650-3699	* 159.1	161.2	163.4	165.5	167.6	169.7	171.8	174.0	176.1	178.2	* 3650-3699
3700-3749	* 163.5	165.6	167.8	170.0	172.2	174.4	176.5	178.7	180.9	183.1	* 3700-3749

LOG LENGTH CLASS-METRES

CENTRE	* 15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	* CENTRE
DIAM	* 70	70	70	70	70	70	70	70	70	70	* DIAM
CLASS	* 15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	* CLASS
(MM)	*										* (MM)

VOLUME CUBIC METRES											

3750-3799	* 167.9	170.1	172.4	174.6	176.8	179.1	181.3	183.6	185.8	188.0	* 3750-3799
3800-3849	* 172.4	174.7	177.0	179.3	181.6	183.9	186.2	188.5	190.7	193.0	* 3800-3849
3850-3899	* 176.9	179.3	181.6	184.0	186.3	188.7	191.1	193.4	195.8	198.1	* 3850-3899
3900-3949	* 181.5	183.9	186.3	188.8	191.2	193.6	196.0	198.4	200.9	203.3	* 3900-3949
3950-3999	* 186.1	188.6	191.1	193.6	196.1	198.6	201.0	203.5	206.0	208.5	* 3950-3999

4000-4049	* 190.9	193.4	195.9	198.5	201.0	203.6	206.1	208.7	211.2	213.8	* 4000-4049
4050-4099	* 195.6	198.2	200.8	203.5	206.1	208.7	211.3	213.9	216.5	219.1	* 4050-4099
4100-4149	* 200.5	203.1	205.8	208.5	211.2	213.8	216.5	219.2	221.8	224.5	* 4100-4149
4150-4199	* 205.3	208.1	210.8	213.6	216.3	219.0	221.8	224.5	227.3	230.0	* 4150-4199
4200-4249	* 210.3	213.1	215.9	218.7	221.5	224.3	227.1	229.9	232.7	235.5	* 4200-4249

4250-4299	* 215.3	218.2	221.0	223.9	226.8	229.7	232.5	235.4	238.3	241.1	* 4250-4299
4300-4349	* 220.4	223.3	226.2	229.2	232.1	235.1	238.0	240.9	243.9	246.8	* 4300-4349
4350-4399	* 225.5	228.5	231.5	234.5	237.5	240.5	243.5	246.5	249.5	252.6	* 4350-4399
4400-4449	* 230.7	233.8	236.8	239.9	243.0	246.1	249.1	252.2	255.3	258.4	* 4400-4449
4450-4499	* 235.9	239.1	242.2	245.4	248.5	251.6	254.8	257.9	261.1	264.2	* 4450-4499

4500-4549	* 241.2	244.4	247.7	250.9	254.1	257.3	260.5	263.7	267.0	270.2	* 4500-4549
4550-4599	* 246.6	249.9	253.2	256.4	259.7	263.0	266.3	269.6	272.9	276.2	* 4550-4599
4600-4649	* 252.0	255.4	258.7	262.1	265.4	268.8	272.2	275.5	278.9	282.2	* 4600-4649
4650-4699	* 257.5	260.9	264.3	267.8	271.2	274.6	278.1	281.5	284.9	288.4	* 4650-4699
4700-4749	* 263.0	266.5	270.0	273.5	277.0	280.6	284.1	287.6	291.1	294.6	* 4700-4749

4750-4799	* 268.6	272.2	275.8	279.4	282.9	286.5	290.1	293.7	297.3	300.8	* 4750-4799
4800-4849	* 274.3	277.9	281.6	285.2	288.9	292.6	296.2	299.9	303.5	307.2	* 4800-4849
4850-4899	* 280.0	283.7	287.4	291.2	294.9	298.6	302.4	306.1	309.8	313.6	* 4850-4899
4900-4949	* 285.8	289.6	293.4	297.2	301.0	304.8	308.6	312.4	316.2	320.0	* 4900-4949
4950-4999	* 291.6	295.5	299.4	303.2	307.1	311.0	314.9	318.8	322.7	326.6	* 4950-4999

LOG LENGTH CLASS-METRES

CENTRE	17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	CLASS
(MM)											(MM)
***** VOLUME, CUBIC METRES *****											
100	.15	.15	.15	.15	.15	.16	.16	.16	.16	.16	100
110	.18	.18	.18	.18	.18	.19	.19	.19	.19	.20	110
120	.21	.21	.21	.22	.22	.22	.22	.23	.23	.23	120
130	.24	.25	.25	.25	.25	.26	.26	.26	.27	.27	130
140	.28	.28	.29	.29	.29	.30	.30	.30	.31	.31	140
150	.32	.32	.33	.33	.34	.34	.34	.35	.35	.35	150
160	.36	.37	.37	.38	.38	.38	.39	.39	.40	.40	160
170	.41	.41	.42	.42	.43	.43	.44	.44	.45	.45	170
180	.46	.46	.47	.47	.48	.48	.49	.49	.50	.51	180
190	.51	.51	.52	.53	.53	.54	.54	.55	.56	.56	190
200	.56	.57	.57	.58	.59	.59	.60	.61	.61	.62	200
210	.62	.62	.63	.64	.65	.65	.66	.67	.68	.68	210
220	.68	.68	.69	.70	.71	.72	.72	.73	.74	.75	220
230	.74	.75	.75	.76	.77	.78	.79	.80	.81	.82	230
240	.80	.81	.82	.83	.84	.85	.86	.87	.88	.89	240
250	.87	.88	.89	.90	.91	.92	.93	.94	.95	.96	250
260	.94	.95	.96	.97	.98	.99	1.00	1.01	1.03	1.04	260
270	1.01	1.02	1.03	1.05	1.06	1.07	1.08	1.09	1.10	1.12	270
280	1.08	1.10	1.11	1.12	1.14	1.15	1.16	1.17	1.19	1.20	280
290	1.16	1.18	1.19	1.20	1.22	1.23	1.24	1.26	1.27	1.28	290
300	1.24	1.26	1.27	1.29	1.30	1.32	1.33	1.34	1.36	1.37	300
310	1.32	1.34	1.36	1.37	1.39	1.40	1.42	1.43	1.45	1.47	310
320	1.41	1.43	1.44	1.46	1.48	1.49	1.51	1.53	1.54	1.56	320
330	1.50	1.52	1.53	1.55	1.57	1.59	1.60	1.62	1.64	1.66	330
340	1.59	1.61	1.63	1.65	1.66	1.68	1.70	1.72	1.74	1.76	340
350	1.68	1.70	1.72	1.74	1.76	1.78	1.80	1.82	1.84	1.86	350
360	1.78	1.80	1.82	1.84	1.86	1.88	1.90	1.93	1.95	1.97	360
370	1.88	1.90	1.92	1.94	1.97	1.99	2.01	2.03	2.05	2.08	370
380	1.98	2.00	2.03	2.05	2.07	2.10	2.12	2.14	2.17	2.19	380
390	2.08	2.11	2.13	2.16	2.18	2.21	2.23	2.25	2.28	2.30	390
400	2.19	2.22	2.24	2.27	2.29	2.32	2.34	2.37	2.40	2.42	400
410	2.30	2.33	2.35	2.38	2.41	2.43	2.46	2.49	2.52	2.54	410
420	2.41	2.44	2.47	2.50	2.53	2.55	2.58	2.61	2.64	2.67	420
430	2.53	2.56	2.59	2.62	2.65	2.68	2.70	2.73	2.76	2.79	430
440	2.64	2.68	2.71	2.74	2.77	2.80	2.83	2.86	2.89	2.92	440

LOG LENGTH CLASS-METRES

CENTRE	* 17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	* CLASS
(MM)	*										* (MM)

VOLUME CUBIC METRES

450	* 2.76	2.80	2.83	2.86	2.89	2.93	2.96	2.99	3.02	3.06	* 450
460	* 2.89	2.92	2.95	2.99	3.02	3.06	3.09	3.12	3.16	3.19	* 460
470	* 3.01	3.05	3.08	3.12	3.15	3.19	3.23	3.26	3.30	3.33	* 470
480	* 3.14	3.18	3.21	3.25	3.29	3.33	3.36	3.40	3.44	3.47	* 480
490	* 3.27	3.31	3.35	3.39	3.43	3.46	3.50	3.54	3.58	3.62	* 490
500	* 3.41	3.45	3.49	3.53	3.57	3.61	3.65	3.69	3.73	3.77	* 500
510	* 3.54	3.58	3.62	3.67	3.71	3.75	3.79	3.83	3.87	3.92	* 510
520	* 3.68	3.72	3.77	3.81	3.85	3.90	3.94	3.98	4.03	4.07	* 520
530	* 3.82	3.87	3.91	3.96	4.00	4.05	4.09	4.14	4.18	4.23	* 530
540	* 3.97	4.01	4.06	4.11	4.15	4.20	4.25	4.29	4.34	4.39	* 540
550	* 4.11	4.16	4.21	4.26	4.31	4.35	4.40	4.45	4.50	4.55	* 550
560	* 4.26	4.31	4.36	4.41	4.46	4.51	4.56	4.61	4.66	4.71	* 560
570	* 4.41	4.47	4.52	4.57	4.62	4.67	4.73	4.78	4.83	4.88	* 570
580	* 4.57	4.62	4.68	4.73	4.78	4.84	4.89	4.95	5.00	5.05	* 580
590	* 4.73	4.78	4.84	4.89	4.95	5.00	5.06	5.12	5.17	5.23	* 590
600	* 4.89	4.94	5.00	5.06	5.12	5.17	5.23	5.29	5.35	5.40	* 600
610	* 5.05	5.11	5.17	5.23	5.29	5.35	5.41	5.47	5.53	5.58	* 610
620	* 5.22	5.28	5.34	5.40	5.46	5.52	5.58	5.65	5.71	5.77	* 620
630	* 5.38	5.45	5.51	5.57	5.64	5.70	5.76	5.83	5.89	5.95	* 630
640	* 5.55	5.62	5.69	5.75	5.82	5.88	5.95	6.01	6.08	6.14	* 640
650	* 5.73	5.80	5.86	5.93	6.00	6.07	6.13	6.20	6.27	6.33	* 650
660	* 5.90	5.97	6.04	6.11	6.18	6.25	6.32	6.39	6.46	6.53	* 660
670	* 6.08	6.15	6.23	6.30	6.37	6.44	6.51	6.58	6.66	6.73	* 670
680	* 6.26	6.34	6.41	6.49	6.56	6.63	6.71	6.78	6.85	6.93	* 680
690	* 6.45	6.53	6.60	6.68	6.75	6.83	6.90	6.98	7.06	7.13	* 690
700	* 6.64	6.71	6.79	6.87	6.95	7.03	7.10	7.18	7.26	7.34	* 700
710	* 6.83	6.91	6.99	7.07	7.15	7.23	7.31	7.39	7.47	7.55	* 710
720	* 7.02	7.10	7.18	7.27	7.35	7.43	7.51	7.60	7.68	7.76	* 720
730	* 7.21	7.30	7.38	7.47	7.55	7.64	7.72	7.81	7.89	7.98	* 730
740	* 7.41	7.50	7.58	7.67	7.76	7.85	7.93	8.02	8.11	8.20	* 740
750	* 7.61	7.70	7.79	7.88	7.97	8.06	8.15	8.24	8.33	8.42	* 750
760	* 7.81	7.91	8.00	8.09	8.18	8.27	8.37	8.46	8.55	8.64	* 760
770	* 8.02	8.11	8.21	8.30	8.40	8.49	8.59	8.68	8.77	8.87	* 770
780	* 8.23	8.32	8.42	8.52	8.61	8.71	8.81	8.91	9.00	9.10	* 780
790	* 8.44	8.54	8.64	8.74	8.84	8.94	9.03	9.13	9.23	9.33	* 790

LOG LENGTH CLASS=METRES

CENTRE	* 17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	* CENTRE	
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM	
CLASS	* 17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	* CLASS	
(MM)	*										* (MM)	
	*										*	
VOLUME CURIC METRES												
	*										*	
800	*	8.65	8.75	8.86	8.96	9.06	9.16	9.26	9.36	9.47	9.57	* 800
810	*	8.87	8.97	9.08	9.18	9.29	9.39	9.49	9.60	9.70	9.81	* 810
820	*	9.09	9.19	9.30	9.41	9.52	9.62	9.73	9.84	9.94	10.05	* 820
830	*	9.31	9.42	9.53	9.64	9.75	9.86	9.97	10.08	10.19	10.29	* 830
840	*	9.53	9.65	9.76	9.87	9.98	10.09	10.21	10.32	10.43	10.54	* 840
850	*	9.76	9.88	9.99	10.10	10.22	10.33	10.45	10.56	10.68	10.79	* 850
860	*	9.99	10.11	10.23	10.34	10.46	10.58	10.70	10.81	10.93	11.05	* 860
870	*	10.22	10.34	10.46	10.58	10.70	10.82	10.94	11.06	11.18	11.30	* 870
880	*	10.46	10.58	10.70	10.83	10.95	11.07	11.20	11.32	11.44	11.56	* 880
890	*	10.70	10.82	10.95	11.07	11.20	11.32	11.45	11.58	11.70	11.83	* 890
900	*	10.94	11.06	11.19	11.32	11.45	11.58	11.71	11.84	11.96	12.09	* 900
910	*	11.18	11.31	11.44	11.57	11.70	11.84	11.97	12.10	12.23	12.36	* 910
920	*	11.42	11.56	11.69	11.83	11.96	12.10	12.23	12.36	12.50	12.63	* 920
930	*	11.67	11.81	11.95	12.08	12.22	12.36	12.50	12.63	12.77	12.91	* 930
940	*	11.92	12.06	12.20	12.34	12.48	12.62	12.77	12.91	13.05	13.19	* 940
950	*	12.18	12.32	12.46	12.61	12.75	12.89	13.04	13.18	13.32	13.47	* 950
960	*	12.43	12.58	12.73	12.87	13.02	13.16	13.31	13.46	13.60	13.75	* 960
970	*	12.69	12.84	12.99	13.14	13.29	13.44	13.59	13.74	13.89	14.04	* 970
980	*	12.95	13.11	13.26	13.41	13.56	13.72	13.87	14.02	14.17	14.33	* 980
990	*	13.22	13.37	13.53	13.69	13.84	14.00	14.15	14.31	14.46	14.62	* 990
1000	*	13.49	13.64	13.80	13.96	14.12	14.28	14.44	14.60	14.75	14.91	* 1000
1010	*	13.76	13.92	14.08	14.24	14.40	14.56	14.73	14.89	15.05	15.21	* 1010
1020	*	14.03	14.19	14.36	14.52	14.69	14.85	15.02	15.18	15.35	15.51	* 1020
1030	*	14.30	14.47	14.64	14.81	14.98	15.14	15.31	15.48	15.65	15.82	* 1030
1040	*	14.58	14.75	14.92	15.10	15.27	15.44	15.61	15.78	15.95	16.12	* 1040
1050	*	14.86	15.04	15.21	15.39	15.56	15.74	15.91	16.08	16.26	16.43	* 1050
1060	*	15.14	15.32	15.50	15.68	15.86	16.03	16.21	16.39	16.57	16.75	* 1060
1070	*	15.43	15.61	15.79	15.97	16.16	16.34	16.52	16.70	16.88	17.06	* 1070
1080	*	15.72	15.90	16.09	16.27	16.46	16.64	16.83	17.01	17.20	17.38	* 1080
1090	*	16.01	16.20	16.39	16.57	16.76	16.95	17.14	17.33	17.52	17.70	* 1090
1100	*	16.30	16.49	16.69	16.88	17.07	17.26	17.45	17.65	17.84	18.03	* 1100
1110	*	16.60	16.79	16.99	17.19	17.38	17.58	17.77	17.97	18.16	18.36	* 1110
1120	*	16.90	17.10	17.30	17.49	17.69	17.89	18.09	18.29	18.49	18.69	* 1120
1130	*	17.20	17.40	17.60	17.81	18.01	18.21	18.41	18.62	18.82	19.02	* 1130
1140	*	17.50	17.71	17.92	18.12	18.33	18.53	18.74	18.95	19.15	19.36	* 1140

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 17.0 TO	* 17.2 TO	* 17.4 TO	* 17.6 TO	* 17.8 TO	* 18.0 TO	* 18.2 TO	* 18.4 TO	* 18.6 TO	* 18.8 TO	* 18.9	CENTRE DIAM CLASS (MM)
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VOLUME CUBIC METRES

1150	* 17.81	18.02	18.23	18.44	18.65	18.86	19.07	19.28	19.49	19.70	* 1150
1160	* 18.12	18.33	18.55	18.76	18.97	19.19	19.40	19.61	19.83	20.04	* 1160
1170	* 18.43	18.65	18.87	19.08	19.30	19.52	19.73	19.95	20.17	20.39	* 1170
1180	* 18.75	18.97	19.19	19.41	19.63	19.85	20.07	20.29	20.51	20.73	* 1180
1190	* 19.07	19.29	19.52	19.74	19.96	20.19	20.41	20.64	20.86	21.09	* 1190
1200	* 19.39	19.62	19.84	20.07	20.30	20.53	20.76	20.98	21.21	21.44	* 1200
1210	* 19.71	19.94	20.17	20.41	20.64	20.87	21.10	21.33	21.57	21.80	* 1210
1220	* 20.04	20.27	20.51	20.74	20.98	21.21	21.45	21.69	21.92	22.16	* 1220
1230	* 20.36	20.60	20.84	21.08	21.32	21.56	21.80	22.04	22.28	22.52	* 1230
1240	* 20.70	20.94	21.18	21.43	21.67	21.91	22.16	22.40	22.64	22.89	* 1240
1250	* 21.03	21.28	21.52	21.77	22.02	22.27	22.51	22.76	23.01	23.26	* 1250
1260	* 21.37	21.62	21.87	22.12	22.37	22.62	22.87	23.13	23.38	23.63	* 1260
1270	* 21.70	21.96	22.22	22.47	22.73	22.98	23.24	23.49	23.75	24.00	* 1270
1280	* 22.05	22.31	22.57	22.82	23.08	23.34	23.60	23.86	24.12	24.38	* 1280
1290	* 22.39	22.65	22.92	23.18	23.44	23.71	23.97	24.24	24.50	24.76	* 1290
1300	* 22.74	23.01	23.27	23.54	23.81	24.08	24.34	24.61	24.88	25.15	* 1300
1310	* 23.09	23.36	23.63	23.90	24.17	24.45	24.72	24.99	25.26	25.53	* 1310
1320	* 23.44	23.72	23.99	24.27	24.54	24.82	25.10	25.37	25.65	25.92	* 1320
1330	* 23.80	24.08	24.36	24.64	24.92	25.20	25.48	25.76	26.04	26.32	* 1330
1340	* 24.15	24.44	24.72	25.01	25.29	25.57	25.86	26.14	26.43	26.71	* 1340
1350	* 24.51	24.80	25.09	25.38	25.67	25.96	26.24	26.53	26.82	27.11	* 1350
1360	* 24.88	25.17	25.46	25.76	26.05	26.34	26.63	26.93	27.22	27.51	* 1360
1370	* 25.24	25.54	25.84	26.13	26.43	26.73	27.03	27.32	27.62	27.92	* 1370
1380	* 25.61	25.91	26.21	26.52	26.82	27.12	27.42	27.72	28.02	28.32	* 1380
1390	* 25.98	26.29	26.59	26.90	27.21	27.51	27.82	28.12	28.43	28.73	* 1390
1400	* 26.36	26.67	26.98	27.29	27.60	27.91	28.22	28.53	28.84	29.15	* 1400
1410	* 26.73	27.05	27.36	27.68	27.99	28.31	28.62	28.93	29.25	29.56	* 1410
1420	* 27.11	27.43	27.75	28.07	28.39	28.71	29.03	29.35	29.66	29.98	* 1420
1430	* 27.49	27.82	28.14	28.46	28.79	29.11	29.44	29.76	30.08	30.41	* 1430
1440	* 27.88	28.21	28.53	28.86	29.19	29.52	29.85	30.17	30.50	30.83	* 1440
1450	* 28.27	28.60	28.93	29.26	29.60	29.93	30.26	30.59	30.93	31.26	* 1450
1460	* 28.66	28.99	29.33	29.67	30.00	30.34	30.68	31.02	31.35	31.69	* 1460
1470	* 29.05	29.39	29.73	30.07	30.42	30.76	31.10	31.44	31.78	32.12	* 1470
1480	* 29.44	29.79	30.14	30.48	30.83	31.18	31.52	31.87	32.21	32.56	* 1480
1490	* 29.84	30.19	30.54	30.89	31.25	31.60	31.95	32.30	32.65	33.00	* 1490

LOG LENGTH CLASS=METRES

CENTRE	*	17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	*	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

1500-1519	*	30.44	30.80	31.16	31.52	31.88	32.23	32.59	32.95	33.31	33.67	1500-1519
1520-1539	*	31.26	31.62	31.99	32.36	32.73	33.09	33.46	33.83	34.20	34.56	1520-1539
1540-1559	*	32.08	32.46	32.83	33.21	33.59	33.96	34.34	34.72	35.10	35.47	1540-1559
1560-1579	*	32.91	33.30	33.69	34.07	34.46	34.85	35.23	35.62	36.01	36.40	1560-1579
1580-1599	*	33.75	34.15	34.55	34.95	35.34	35.74	36.14	36.53	36.93	37.33	1580-1599

1600-1619	*	34.61	35.02	35.42	35.83	36.24	36.64	37.05	37.46	37.87	38.27	1600-1619
1620-1639	*	35.47	35.89	36.31	36.73	37.14	37.56	37.98	38.40	38.81	39.23	1620-1639
1640-1659	*	36.35	36.78	37.21	37.63	38.06	38.49	38.92	39.34	39.77	40.20	1640-1659
1660-1679	*	37.24	37.67	38.11	38.55	38.99	39.43	39.87	40.30	40.74	41.18	1660-1679
1680-1699	*	38.13	38.58	39.03	39.48	39.93	40.38	40.83	41.27	41.72	42.17	1680-1699

1700-1719	*	39.04	39.50	39.96	40.42	40.88	41.34	41.80	42.26	42.72	43.18	1700-1719
1720-1739	*	39.96	40.43	40.90	41.37	41.84	42.31	42.78	43.25	43.72	44.19	1720-1739
1740-1759	*	40.89	41.37	41.85	42.33	42.81	43.30	43.78	44.26	44.74	45.22	1740-1759
1760-1779	*	41.83	42.32	42.81	43.31	43.80	44.29	44.78	45.27	45.77	46.26	1760-1779
1780-1799	*	42.78	43.28	43.79	44.29	44.79	45.30	45.80	46.30	46.81	47.31	1780-1799

1800-1819	*	43.74	44.26	44.77	45.29	45.80	46.31	46.83	47.34	47.86	48.37	1800-1819
1820-1839	*	44.71	45.24	45.77	46.29	46.82	47.34	47.87	48.40	48.92	49.45	1820-1839
1840-1859	*	45.70	46.23	46.77	47.31	47.85	48.38	48.92	49.46	50.00	50.53	1840-1859
1860-1879	*	46.69	47.24	47.79	48.34	48.89	49.44	49.99	50.53	51.08	51.63	1860-1879
1880-1899	*	47.69	48.25	48.82	49.38	49.94	50.50	51.06	51.62	52.18	52.74	1880-1899

1900-1919	*	48.71	49.28	49.85	50.43	51.00	51.57	52.15	52.72	53.29	53.87	1900-1919
1920-1939	*	49.73	50.32	50.90	51.49	52.07	52.66	53.24	53.83	54.41	55.00	1920-1939
1940-1959	*	50.77	51.37	51.96	52.56	53.16	53.76	54.35	54.95	55.55	56.15	1940-1959
1960-1979	*	51.82	52.43	53.04	53.65	54.26	54.86	55.47	56.08	56.69	57.30	1960-1979
1980-1999	*	52.87	53.50	54.12	54.74	55.36	55.98	56.61	57.23	57.85	58.47	1980-1999

LOG LENGTH CLASS-METRES

CENTRE	* 17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	* CLASS
(MM)	* *										* (MM)

VOLUME CUBIC METRES

2000-2019	* 53.94	54.58	55.21	55.85	56.48	57.12	57.75	58.38	59.02	59.65	* 2000-2019
2020-2039	* 55.02	55.67	56.32	56.96	57.61	58.26	58.91	59.55	60.20	60.85	* 2020-2039
2040-2059	* 56.11	56.77	57.43	58.09	58.75	59.41	60.07	60.73	61.39	62.05	* 2040-2059
2060-2079	* 57.21	57.88	58.56	59.23	59.90	60.58	61.25	61.92	62.60	63.27	* 2060-2079
2080-2099	* 58.32	59.01	59.69	60.38	61.07	61.75	62.44	63.12	63.81	64.50	* 2080-2099
2100-2119	* 59.44	60.14	60.84	61.54	62.24	62.94	63.64	64.34	65.04	65.74	* 2100-2119
2120-2139	* 60.58	61.29	62.00	62.71	63.43	64.14	64.85	65.56	66.28	66.99	* 2120-2139
2140-2159	* 61.72	62.44	63.17	63.90	64.62	65.35	66.08	66.80	67.53	68.25	* 2140-2159
2160-2179	* 62.87	63.61	64.35	65.09	65.83	66.57	67.31	68.05	68.79	69.53	* 2160-2179
2180-2199	* 64.04	64.79	65.54	66.30	67.05	67.80	68.56	69.31	70.06	70.82	* 2180-2199
2200-2219	* 65.21	65.98	66.75	67.51	68.28	69.05	69.81	70.58	71.35	72.12	* 2200-2219
2220-2239	* 66.40	67.18	67.96	68.74	69.52	70.30	71.08	71.87	72.65	73.43	* 2220-2239
2240-2259	* 67.59	68.39	69.18	69.98	70.77	71.57	72.36	73.16	73.96	74.75	* 2240-2259
2260-2279	* 68.80	69.61	70.42	71.23	72.04	72.85	73.66	74.47	75.28	76.09	* 2260-2279
2280-2299	* 70.02	70.84	71.67	72.49	73.31	74.14	74.96	75.78	76.61	77.43	* 2280-2299
2300-2319	* 71.25	72.08	72.92	73.76	74.60	75.44	76.28	77.11	77.95	78.79	* 2300-2319
2320-2339	* 72.49	73.34	74.19	75.04	75.90	76.75	77.60	78.45	79.31	80.16	* 2320-2339
2340-2359	* 73.74	74.60	75.47	76.34	77.21	78.07	78.94	79.81	80.67	81.54	* 2340-2359
2360-2379	* 75.00	75.88	76.76	77.64	78.52	79.41	80.29	81.17	82.05	82.94	* 2360-2379
2380-2399	* 76.27	77.16	78.06	78.96	79.86	80.75	81.65	82.55	83.44	84.34	* 2380-2399
2400-2419	* 77.55	78.46	79.37	80.29	81.20	82.11	83.02	83.93	84.85	85.76	* 2400-2419
2420-2439	* 78.84	79.77	80.70	81.62	82.55	83.48	84.41	85.33	86.26	87.19	* 2420-2439
2440-2459	* 80.14	81.09	82.03	82.97	83.92	84.86	85.80	86.74	87.69	88.63	* 2440-2459
2460-2479	* 81.46	82.42	83.37	84.33	85.29	86.25	87.21	88.17	89.12	90.08	* 2460-2479
2480-2499	* 82.78	83.76	84.73	85.70	86.68	87.65	88.63	89.60	90.57	91.55	* 2480-2499

LOG LENGTH CLASS-METRES

CENTRE	*	17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	* CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	*	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	* CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

2500-2549	*	85.1	86.1	87.1	88.1	89.1	90.1	91.1	92.1	93.1	94.1	* 2500-2549
2550-2599	*	88.5	89.6	90.6	91.7	92.7	93.7	94.8	95.8	96.9	97.9	* 2550-2599
2600-2649	*	92.0	93.1	94.2	95.2	96.3	97.4	98.5	99.6	100.7	101.7	* 2600-2649
2650-2699	*	95.5	96.7	97.8	98.9	100.0	101.2	102.3	103.4	104.5	105.7	* 2650-2699
2700-2749	*	99.1	100.3	101.5	102.6	103.8	105.0	106.1	107.3	108.5	109.6	* 2700-2749

2750-2799	*	102.8	104.0	105.2	106.4	107.7	108.9	110.1	111.3	112.5	113.7	* 2750-2799
2800-2849	*	106.6	107.8	109.1	110.3	111.6	112.8	114.1	115.3	116.6	117.8	* 2800-2849
2850-2899	*	110.4	111.7	113.0	114.3	115.6	116.9	118.2	119.4	120.7	122.0	* 2850-2899
2900-2949	*	114.2	115.6	116.9	118.3	119.6	121.0	122.3	123.6	125.0	126.3	* 2900-2949
2950-2999	*	118.2	119.6	121.0	122.3	123.7	125.1	126.5	127.9	129.3	130.7	* 2950-2999

3000-3049	*	122.2	123.6	125.1	126.5	127.9	129.4	130.8	132.2	133.7	135.1	* 3000-3049
3050-3099	*	126.2	127.7	129.2	130.7	132.2	133.7	135.2	136.6	138.1	139.6	* 3050-3099
3100-3149	*	130.4	131.9	133.5	135.0	136.5	138.1	139.6	141.1	142.7	144.2	* 3100-3149
3150-3199	*	134.6	136.2	137.8	139.3	140.9	142.5	144.1	145.7	147.3	148.8	* 3150-3199
3200-3249	*	138.9	140.5	142.1	143.8	145.4	147.0	148.7	150.3	151.9	153.6	* 3200-3249

3250-3299	*	143.2	144.9	146.6	148.3	149.9	151.6	153.3	155.0	156.7	158.4	* 3250-3299
3300-3349	*	147.6	149.3	151.1	152.8	154.6	156.3	158.0	159.8	161.5	163.2	* 3300-3349
3350-3399	*	152.1	153.9	155.7	157.5	159.2	161.0	162.8	164.6	166.4	168.2	* 3350-3399
3400-3449	*	156.6	158.5	160.3	162.2	164.0	165.8	167.7	169.5	171.4	173.2	* 3400-3449
3450-3499	*	161.2	163.1	165.0	166.9	168.8	170.7	172.6	174.5	176.4	178.3	* 3450-3499

3500-3549	*	165.9	167.9	169.8	171.8	173.7	175.7	177.6	179.6	181.5	183.5	* 3500-3549
3550-3599	*	170.6	172.7	174.7	176.7	178.7	180.7	182.7	184.7	186.7	188.7	* 3550-3599
3600-3649	*	175.5	177.5	179.6	181.6	183.7	185.8	187.8	189.9	192.0	194.0	* 3600-3649
3650-3699	*	180.3	182.4	184.6	186.7	188.8	190.9	193.1	195.2	197.3	199.4	* 3650-3699
3700-3749	*	185.3	187.4	189.6	191.8	194.0	196.2	198.3	200.5	202.7	204.9	* 3700-3749

LOG LENGTH CLASS-METRES

CENTRE	17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

3750-3799	190.3	192.5	194.7	197.0	199.2	201.5	203.7	205.9	208.2	210.4	3750-3799
3800-3849	195.3	197.6	199.9	202.2	204.5	206.8	209.1	211.4	213.7	216.0	3800-3849
3850-3899	200.5	202.8	205.2	207.6	209.9	212.3	214.6	217.0	219.4	221.7	3850-3899
3900-3949	205.7	208.1	210.5	213.0	215.4	217.8	220.2	222.6	225.1	227.5	3900-3949
3950-3999	211.0	213.4	215.9	218.4	220.9	223.4	225.9	228.3	230.8	233.3	3950-3999
4000-4049	216.3	218.9	221.4	223.9	226.5	229.0	231.6	234.1	236.7	239.2	4000-4049
4050-4099	221.7	224.3	226.9	229.5	232.1	234.8	237.4	240.0	242.6	245.2	4050-4099
4100-4149	227.2	229.9	232.5	235.2	237.9	240.6	243.2	245.9	248.6	251.2	4100-4149
4150-4199	232.7	235.5	238.2	240.9	243.7	246.4	249.2	251.9	254.6	257.4	4150-4199
4200-4249	238.3	241.1	243.9	246.7	249.6	252.4	255.2	258.0	260.8	263.6	4200-4249
4250-4299	244.0	246.9	249.8	252.6	255.5	258.4	261.2	264.1	267.0	269.8	4250-4299
4300-4349	249.8	252.7	255.6	258.6	261.5	264.4	267.4	270.3	273.3	276.2	4300-4349
4350-4399	255.6	258.6	261.6	264.6	267.6	270.6	273.6	276.6	279.6	282.6	4350-4399
4400-4449	261.4	264.5	267.6	270.7	273.7	276.8	279.9	283.0	286.0	289.1	4400-4449
4450-4499	267.4	270.5	273.7	276.8	280.0	283.1	286.3	289.4	292.5	295.7	4450-4499
4500-4549	273.4	276.6	279.8	283.0	286.3	289.5	292.7	295.9	299.1	302.3	4500-4549
4550-4599	279.5	282.7	286.0	289.3	292.6	295.9	299.2	302.5	305.8	309.1	4550-4599
4600-4649	285.6	289.0	292.3	295.7	299.0	302.4	305.8	309.1	312.5	315.8	4600-4649
4650-4699	291.8	295.2	298.7	302.1	305.5	309.0	312.4	315.8	319.3	322.7	4650-4699
4700-4749	298.1	301.6	305.1	308.6	312.1	315.6	319.1	322.6	326.1	329.6	4700-4749
4750-4799	304.4	308.0	311.6	315.2	318.8	322.3	325.9	329.5	333.1	336.7	4750-4799
4800-4849	310.8	314.5	318.2	321.8	325.5	329.1	332.8	336.4	340.1	343.7	4800-4849
4850-4899	317.3	321.0	324.8	328.5	332.2	336.0	339.7	343.4	347.2	350.9	4850-4899
4900-4949	323.9	327.7	331.5	335.3	339.1	342.9	346.7	350.5	354.3	358.1	4900-4949
4950-4999	330.5	334.4	338.2	342.1	346.0	349.9	353.8	357.7	361.6	365.5	4950-4999

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 19.0	* 19.2	* 19.4	* 19.6	* 19.8	* 20.0	* 20.2	* 20.4	* 20.6	* 20.8	* CENTRE DIAM CLASS (MM)
	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	
	19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	

VOLUME CUBIC METRES

100	.16	.17	.17	.17	.17	.17	.17	.18	.18	.18	100
110	.20	.20	.20	.20	.21	.21	.21	.21	.21	.22	110
120	.23	.24	.24	.24	.24	.25	.25	.25	.25	.26	120
130	.27	.27	.28	.28	.28	.29	.29	.29	.29	.30	130
140	.31	.32	.32	.32	.33	.33	.33	.34	.34	.34	140
150	.36	.36	.37	.37	.37	.38	.38	.38	.39	.39	150
160	.41	.41	.41	.42	.42	.43	.43	.44	.44	.44	160
170	.46	.46	.47	.47	.48	.48	.49	.49	.50	.50	170
180	.51	.52	.52	.53	.53	.54	.54	.55	.55	.56	180
190	.57	.57	.58	.59	.59	.60	.60	.61	.62	.62	190
200	.63	.63	.64	.65	.65	.66	.67	.67	.68	.69	200
210	.69	.70	.70	.71	.72	.73	.73	.74	.75	.76	210
220	.76	.76	.77	.78	.79	.80	.80	.81	.82	.83	220
230	.82	.83	.84	.85	.86	.87	.88	.88	.89	.90	230
240	.90	.91	.91	.92	.93	.94	.95	.96	.97	.98	240
250	.97	.98	.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	250
260	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.13	1.14	1.15	260
270	1.13	1.14	1.15	1.16	1.18	1.19	1.20	1.21	1.22	1.24	270
280	1.21	1.22	1.24	1.25	1.26	1.28	1.29	1.30	1.31	1.33	280
290	1.30	1.31	1.33	1.34	1.35	1.37	1.38	1.39	1.41	1.42	290
300	1.39	1.40	1.42	1.43	1.45	1.46	1.48	1.49	1.51	1.52	300
310	1.48	1.50	1.51	1.53	1.54	1.56	1.57	1.59	1.61	1.62	310
320	1.58	1.59	1.61	1.63	1.64	1.66	1.68	1.69	1.71	1.73	320
330	1.67	1.69	1.71	1.73	1.75	1.76	1.78	1.80	1.82	1.83	330
340	1.78	1.79	1.81	1.83	1.85	1.87	1.89	1.91	1.93	1.94	340
350	1.88	1.90	1.92	1.94	1.96	1.98	2.00	2.02	2.04	2.06	350
360	1.99	2.01	2.03	2.05	2.07	2.09	2.11	2.13	2.16	2.18	360
370	2.10	2.12	2.14	2.16	2.19	2.21	2.23	2.25	2.28	2.30	370
380	2.21	2.24	2.26	2.28	2.31	2.33	2.35	2.37	2.40	2.42	380
390	2.33	2.35	2.38	2.40	2.43	2.45	2.48	2.50	2.52	2.55	390
400	2.45	2.47	2.50	2.52	2.55	2.58	2.60	2.63	2.65	2.68	400
410	2.57	2.60	2.62	2.65	2.68	2.71	2.73	2.76	2.79	2.81	410
420	2.70	2.72	2.75	2.78	2.81	2.84	2.87	2.89	2.92	2.95	420
430	2.82	2.85	2.88	2.91	2.94	2.97	3.00	3.03	3.06	3.09	430
440	2.96	2.99	3.02	3.05	3.08	3.11	3.14	3.17	3.20	3.23	440

LOG LENGTH CLASS=METRES

CENTRE	* 19.0	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.8	* CENTRE	
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM	
CLASS	* 19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	* CLASS	
(MM)	* *										* (MM)	

VOLUME CUBIC METRES												

450	* 3.09	3.12	3.15	3.19	3.22	3.25	3.28	3.32	3.35	3.38	* 450	
460	* 3.23	3.26	3.29	3.33	3.36	3.40	3.43	3.46	3.50	3.53	* 460	
470	* 3.37	3.40	3.44	3.47	3.51	3.54	3.58	3.61	3.65	3.69	* 470	
480	* 3.51	3.55	3.58	3.62	3.66	3.69	3.73	3.77	3.81	3.84	* 480	
490	* 3.66	3.69	3.73	3.77	3.81	3.85	3.89	3.93	3.96	4.00	* 490	

500	* 3.81	3.85	3.89	3.93	3.97	4.01	4.05	4.09	4.13	4.17	* 500	
510	* 3.96	4.00	4.04	4.08	4.12	4.17	4.21	4.25	4.29	4.33	* 510	
520	* 4.11	4.16	4.20	4.24	4.29	4.33	4.37	4.42	4.46	4.50	* 520	
530	* 4.27	4.32	4.36	4.41	4.45	4.50	4.54	4.59	4.63	4.68	* 530	
540	* 4.43	4.48	4.53	4.57	4.62	4.67	4.71	4.76	4.81	4.85	* 540	

550	* 4.60	4.64	4.69	4.74	4.79	4.84	4.89	4.94	4.98	5.03	* 550	
560	* 4.76	4.81	4.86	4.91	4.96	5.01	5.06	5.11	5.16	5.21	* 560	
570	* 4.93	4.99	5.04	5.09	5.14	5.19	5.25	5.30	5.35	5.40	* 570	
580	* 5.11	5.16	5.21	5.27	5.32	5.38	5.43	5.48	5.54	5.59	* 580	
590	* 5.28	5.34	5.39	5.45	5.51	5.56	5.62	5.67	5.73	5.78	* 590	

600	* 5.46	5.52	5.58	5.63	5.69	5.75	5.81	5.86	5.92	5.98	* 600	
610	* 5.64	5.70	5.76	5.82	5.88	5.94	6.00	6.06	6.12	6.18	* 610	
620	* 5.83	5.89	5.95	6.01	6.07	6.14	6.20	6.26	6.32	6.38	* 620	
630	* 6.02	6.08	6.14	6.21	6.27	6.33	6.40	6.46	6.52	6.59	* 630	
640	* 6.21	6.27	6.34	6.40	6.47	6.53	6.60	6.67	6.73	6.80	* 640	

650	* 6.40	6.47	6.54	6.60	6.67	6.74	6.81	6.87	6.94	7.01	* 650	
660	* 6.60	6.67	6.74	6.81	6.88	6.95	7.02	7.09	7.15	7.22	* 660	
670	* 6.80	6.87	6.94	7.01	7.09	7.16	7.23	7.30	7.37	7.44	* 670	
680	* 7.00	7.08	7.15	7.22	7.30	7.37	7.44	7.52	7.59	7.67	* 680	
690	* 7.21	7.28	7.36	7.44	7.51	7.59	7.66	7.74	7.81	7.89	* 690	

700	* 7.42	7.49	7.57	7.65	7.73	7.81	7.89	7.96	8.04	8.12	* 700	
710	* 7.63	7.71	7.79	7.87	7.95	8.03	8.11	8.19	8.27	8.35	* 710	
720	* 7.84	7.93	8.01	8.09	8.17	8.26	8.34	8.42	8.50	8.59	* 720	
730	* 8.06	8.15	8.23	8.32	8.40	8.49	8.57	8.66	8.74	8.83	* 730	
740	* 8.28	8.37	8.46	8.54	8.63	8.72	8.81	8.89	8.98	9.07	* 740	

750	* 8.51	8.60	8.69	8.77	8.86	8.95	9.04	9.13	9.22	9.31	* 750	
760	* 8.73	8.82	8.92	9.01	9.10	9.19	9.28	9.38	9.47	9.56	* 760	
770	* 8.96	9.06	9.15	9.25	9.34	9.43	9.53	9.62	9.72	9.81	* 770	
780	* 9.20	9.29	9.39	9.49	9.58	9.68	9.78	9.87	9.97	10.07	* 780	
790	* 9.43	9.53	9.63	9.73	9.83	9.93	10.03	10.13	10.23	10.32	* 790	

LOG LENGTH CLASS-METRES

CENTRE	* 19.0	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	* CLASS
(MM)	*										* (MM)

VOLUME CUBIC METRES

800	* 9.67	9.77	9.87	9.98	10.08	10.18	10.28	10.38	10.48	10.59	* 800
810	* 9.91	10.02	10.12	10.22	10.33	10.43	10.54	10.64	10.75	10.85	* 810
820	* 10.16	10.26	10.37	10.48	10.58	10.69	10.80	10.91	11.01	11.12	* 820
830	* 10.40	10.51	10.62	10.73	10.84	10.95	11.06	11.17	11.28	11.39	* 830
840	* 10.66	10.77	10.88	10.99	11.10	11.22	11.33	11.44	11.55	11.66	* 840
850	* 10.91	11.02	11.14	11.25	11.37	11.48	11.60	11.71	11.83	11.94	* 850
860	* 11.17	11.28	11.40	11.52	11.64	11.75	11.87	11.99	12.11	12.22	* 860
870	* 11.43	11.55	11.67	11.79	11.91	12.03	12.15	12.27	12.39	12.51	* 870
880	* 11.69	11.81	11.93	12.06	12.18	12.30	12.43	12.55	12.67	12.79	* 880
890	* 11.95	12.08	12.20	12.33	12.46	12.58	12.71	12.83	12.96	13.09	* 890
900	* 12.22	12.35	12.48	12.61	12.74	12.87	12.99	13.12	13.25	13.38	* 900
910	* 12.49	12.63	12.76	12.89	13.02	13.15	13.28	13.41	13.55	13.68	* 910
920	* 12.77	12.90	13.04	13.17	13.31	13.44	13.57	13.71	13.84	13.98	* 920
930	* 13.05	13.18	13.32	13.46	13.59	13.73	13.87	14.01	14.14	14.28	* 930
940	* 13.33	13.47	13.61	13.75	13.89	14.03	14.17	14.31	14.45	14.59	* 940
950	* 13.61	13.75	13.90	14.04	14.18	14.33	14.47	14.61	14.76	14.90	* 950
960	* 13.90	14.04	14.19	14.34	14.48	14.63	14.77	14.92	15.07	15.21	* 960
970	* 14.19	14.34	14.48	14.63	14.78	14.93	15.08	15.23	15.38	15.53	* 970
980	* 14.48	14.63	14.78	14.94	15.09	15.24	15.39	15.55	15.70	15.85	* 980
990	* 14.77	14.93	15.08	15.24	15.40	15.55	15.71	15.86	16.02	16.17	* 990
1000	* 15.07	15.23	15.39	15.55	15.71	15.87	16.02	16.18	16.34	16.50	* 1000
1010	* 15.37	15.54	15.70	15.86	16.02	16.18	16.34	16.51	16.67	16.83	* 1010
1020	* 15.68	15.84	16.01	16.17	16.34	16.50	16.67	16.83	17.00	17.16	* 1020
1030	* 15.99	16.15	16.32	16.49	16.66	16.83	17.00	17.16	17.33	17.50	* 1030
1040	* 16.30	16.47	16.64	16.81	16.98	17.15	17.33	17.50	17.67	17.84	* 1040
1050	* 16.61	16.78	16.96	17.13	17.31	17.48	17.66	17.83	18.01	18.18	* 1050
1060	* 16.93	17.10	17.28	17.46	17.64	17.82	17.99	18.17	18.35	18.53	* 1060
1070	* 17.24	17.43	17.61	17.79	17.97	18.15	18.33	18.52	18.70	18.88	* 1070
1080	* 17.57	17.75	17.94	18.12	18.31	18.49	18.68	18.86	19.05	19.23	* 1080
1090	* 17.89	18.08	18.27	18.46	18.65	18.83	19.02	19.21	19.40	19.59	* 1090
1100	* 18.22	18.41	18.60	18.80	18.99	19.18	19.37	19.56	19.76	19.95	* 1100
1110	* 18.55	18.75	18.94	19.14	19.33	19.53	19.72	19.92	20.11	20.31	* 1110
1120	* 18.89	19.09	19.28	19.48	19.68	19.88	20.08	20.28	20.48	20.68	* 1120
1130	* 19.22	19.43	19.63	19.83	20.03	20.24	20.44	20.64	20.84	21.04	* 1130
1140	* 19.56	19.77	19.98	20.18	20.39	20.59	20.80	21.01	21.21	21.42	* 1140

LOG LENGTH CLASS-METRES

CENTRE	19.0	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.8	CENTRE	
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM	
CLASS	19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	CLASS	
(MM)											(MM)	

VOLUME CUBIC METRES												

1150	19.91	20.12	20.33	20.54	20.75	20.95	21.16	21.37	21.58	21.79	1150	
1160	20.25	20.47	20.68	20.89	21.11	21.32	21.53	21.75	21.96	22.17	1160	
1170	20.60	20.82	21.04	21.25	21.47	21.69	21.90	22.12	22.34	22.55	1170	
1180	20.95	21.18	21.40	21.62	21.84	22.06	22.28	22.50	22.72	22.94	1180	
1190	21.31	21.53	21.76	21.98	22.21	22.43	22.66	22.88	23.10	23.33	1190	
1200	21.67	21.90	22.12	22.35	22.58	22.81	23.04	23.26	23.49	23.72	1200	
1210	22.03	22.26	22.49	22.72	22.96	23.19	23.42	23.65	23.88	24.12	1210	
1220	22.39	22.63	22.86	23.10	23.34	23.57	23.81	24.04	24.28	24.51	1220	
1230	22.76	23.00	23.24	23.48	23.72	23.96	24.20	24.44	24.68	24.92	1230	
1240	23.13	23.37	23.62	23.86	24.10	24.35	24.59	24.83	25.08	25.32	1240	
1250	23.50	23.75	24.00	24.25	24.49	24.74	24.99	25.24	25.48	25.73	1250	
1260	23.88	24.13	24.38	24.63	24.88	25.14	25.39	25.64	25.89	26.14	1260	
1270	24.26	24.51	24.77	25.02	25.28	25.54	25.79	26.05	26.30	26.56	1270	
1280	24.64	24.90	25.16	25.42	25.68	25.94	26.20	26.46	26.72	26.97	1280	
1290	25.03	25.29	25.55	25.82	26.08	26.34	26.61	26.87	27.13	27.40	1290	
1300	25.41	25.68	25.95	26.22	26.48	26.75	27.02	27.29	27.55	27.82	1300	
1310	25.80	26.08	26.35	26.62	26.89	27.16	27.43	27.71	27.98	28.25	1310	
1320	26.20	26.47	26.75	27.03	27.30	27.58	27.85	28.13	28.40	28.68	1320	
1330	26.60	26.88	27.16	27.44	27.72	28.00	28.28	28.56	28.83	29.11	1330	
1340	27.00	27.28	27.56	27.85	28.13	28.42	28.70	28.98	29.27	29.55	1340	
1350	27.40	27.69	27.98	28.26	28.55	28.84	29.13	29.42	29.71	29.99	1350	
1360	27.80	28.10	28.39	28.68	28.97	29.27	29.56	29.85	30.15	30.44	1360	
1370	28.21	28.51	28.81	29.10	29.40	29.70	29.99	30.29	30.59	30.89	1370	
1380	28.62	28.93	29.23	29.53	29.83	30.13	30.43	30.73	31.04	31.34	1380	
1390	29.04	29.35	29.65	29.96	30.26	30.57	30.87	31.18	31.49	31.79	1390	
1400	29.46	29.77	30.08	30.39	30.70	31.01	31.32	31.63	31.94	32.25	1400	
1410	29.88	30.19	30.51	30.82	31.14	31.45	31.77	32.08	32.39	32.71	1410	
1420	30.30	30.62	30.94	31.26	31.58	31.90	32.22	32.53	32.85	33.17	1420	
1430	30.73	31.05	31.38	31.70	32.02	32.35	32.67	32.99	33.32	33.64	1430	
1440	31.16	31.49	31.81	32.14	32.47	32.80	33.13	33.45	33.78	34.11	1440	
1450	31.59	31.92	32.26	32.59	32.92	33.25	33.59	33.92	34.25	34.58	1450	
1460	32.03	32.36	32.70	33.04	33.38	33.71	34.05	34.39	34.72	35.06	1460	
1470	32.47	32.81	33.15	33.49	33.83	34.17	34.52	34.86	35.20	35.54	1470	
1480	32.91	33.25	33.60	33.95	34.29	34.64	34.99	35.33	35.68	36.03	1480	
1490	33.35	33.70	34.05	34.41	34.76	35.11	35.46	35.81	36.16	36.51	1490	

LOG LENGTH CLASS=METRES

CENTRE	*	19.0	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.8	* CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	*	19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	* CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

1500-1519	*	34.02	34.38	34.74	35.10	35.46	35.82	36.17	36.53	36.89	37.25	* 1500-1519
1520-1539	*	34.93	35.30	35.67	36.04	36.40	36.77	37.14	37.51	37.87	38.24	* 1520-1539
1540-1559	*	35.85	36.23	36.61	36.98	37.36	37.74	38.12	38.49	38.87	39.25	* 1540-1559
1560-1579	*	36.78	37.17	37.56	37.94	38.33	38.72	39.11	39.49	39.88	40.27	* 1560-1579
1580-1599	*	37.73	38.12	38.52	38.92	39.31	39.71	40.11	40.51	40.90	41.30	* 1580-1599

1600-1619	*	38.68	39.09	39.50	39.90	40.31	40.72	41.12	41.53	41.94	42.35	* 1600-1619
1620-1639	*	39.65	40.07	40.48	40.90	41.32	41.73	42.15	42.57	42.99	43.40	* 1620-1639
1640-1659	*	40.63	41.05	41.48	41.91	42.34	42.76	43.19	43.62	44.05	44.48	* 1640-1659
1660-1679	*	41.62	42.06	42.49	42.93	43.37	43.81	44.25	44.68	45.12	45.56	* 1660-1679
1680-1699	*	42.62	43.07	43.52	43.97	44.41	44.86	45.31	45.76	46.21	46.66	* 1680-1699

1700-1719	*	43.64	44.09	44.55	45.01	45.47	45.93	46.39	46.85	47.31	47.77	* 1700-1719
1720-1739	*	44.66	45.13	45.60	46.07	46.54	47.01	47.48	47.95	48.42	48.89	* 1720-1739
1740-1759	*	45.70	46.18	46.66	47.14	47.62	48.11	48.59	49.07	49.55	50.03	* 1740-1759
1760-1779	*	46.75	47.24	47.74	48.23	48.72	49.21	49.70	50.20	50.69	51.18	* 1760-1779
1780-1799	*	47.81	48.32	48.82	49.32	49.83	50.33	50.83	51.34	51.84	52.34	* 1780-1799

1800-1819	*	48.89	49.40	49.92	50.43	50.95	51.46	51.98	52.49	53.00	53.52	* 1800-1819
1820-1839	*	49.97	50.50	51.03	51.55	52.08	52.60	53.13	53.66	54.18	54.71	* 1820-1839
1840-1859	*	51.07	51.61	52.15	52.69	53.22	53.76	54.30	54.84	55.37	55.91	* 1840-1859
1860-1879	*	52.18	52.73	53.28	53.83	54.38	54.93	55.48	56.03	56.58	57.13	* 1860-1879
1880-1899	*	53.30	53.87	54.43	54.99	55.55	56.11	56.67	57.23	57.79	58.35	* 1880-1899

1900-1919	*	54.44	55.01	55.59	56.16	56.73	57.30	57.88	58.45	59.02	59.60	* 1900-1919
1920-1939	*	55.59	56.17	56.76	57.34	57.93	58.51	59.10	59.68	60.27	60.85	* 1920-1939
1940-1959	*	56.74	57.34	57.94	58.53	59.13	59.73	60.33	60.92	61.52	62.12	* 1940-1959
1960-1979	*	57.91	58.52	59.13	59.74	60.35	60.96	61.57	62.18	62.79	63.40	* 1960-1979
1980-1999	*	59.09	59.72	60.34	60.96	61.58	62.21	62.83	63.45	64.07	64.69	* 1980-1999

LOG LENGTH CLASS-METRES

CENTRE	* 19.0	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	* CLASS
(MM)											(MM)

VOLUME CUBIC METRES

2000-2049	* 61.2	61.8	62.5	63.1	63.8	64.4	65.1	65.7	66.3	67.0	* 2000-2049
2050-2099	* 64.3	64.9	65.6	66.3	67.0	67.6	68.3	69.0	69.7	70.3	* 2050-2099
2100-2149	* 67.4	68.1	68.8	69.5	70.2	70.9	71.6	72.3	73.1	73.8	* 2100-2149
2150-2199	* 70.6	71.3	72.1	72.8	73.6	74.3	75.1	75.8	76.5	77.3	* 2150-2199
2200-2249	* 73.9	74.7	75.4	76.2	77.0	77.8	78.5	79.3	80.1	80.9	* 2200-2249
2250-2299	* 77.2	78.0	78.9	79.7	80.5	81.3	82.1	82.9	83.7	84.6	* 2250-2299
2300-2349	* 80.7	81.5	82.4	83.2	84.1	84.9	85.8	86.6	87.5	88.3	* 2300-2349
2350-2399	* 84.2	85.1	85.9	86.8	87.7	88.6	89.5	90.4	91.3	92.1	* 2350-2399
2400-2449	* 87.8	88.7	89.6	90.5	91.4	92.4	93.3	94.2	95.1	96.1	* 2400-2449
2450-2499	* 91.4	92.4	93.3	94.3	95.3	96.2	97.2	98.1	99.1	100.1	* 2450-2499
2500-2549	* 95.1	96.1	97.1	98.1	99.1	100.1	101.1	102.2	103.2	104.2	* 2500-2549
2550-2599	* 98.9	100.0	101.0	102.1	103.1	104.2	105.2	106.2	107.3	108.3	* 2550-2599
2600-2649	* 102.8	103.9	105.0	106.1	107.2	108.2	109.3	110.4	111.5	112.6	* 2600-2649
2650-2699	* 106.8	107.9	109.0	110.2	111.3	112.4	113.5	114.6	115.8	116.9	* 2650-2699
2700-2749	* 110.8	112.0	113.1	114.3	115.5	116.6	117.8	119.0	120.1	121.3	* 2700-2749
2750-2799	* 114.9	116.1	117.3	118.5	119.8	121.0	122.2	123.4	124.6	125.8	* 2750-2799
2800-2849	* 119.1	120.3	121.6	122.9	124.1	125.4	126.6	127.9	129.1	130.4	* 2800-2849
2850-2899	* 123.3	124.6	125.9	127.2	128.5	129.8	131.1	132.4	133.7	135.0	* 2850-2899
2900-2949	* 127.7	129.0	130.4	131.7	133.0	134.4	135.7	137.1	138.4	139.8	* 2900-2949
2950-2999	* 132.1	133.5	134.9	136.2	137.6	139.0	140.4	141.8	143.2	144.6	* 2950-2999
3000-3049	* 136.6	138.0	139.4	140.9	142.3	143.7	145.2	146.6	148.0	149.5	* 3000-3049
3050-3099	* 141.1	142.6	144.1	145.6	147.0	148.5	150.0	151.5	153.0	154.5	* 3050-3099
3100-3149	* 145.7	147.3	148.8	150.3	151.9	153.4	154.9	156.5	158.0	159.5	* 3100-3149
3150-3199	* 150.4	152.0	153.6	155.2	156.8	158.3	159.9	161.5	163.1	164.7	* 3150-3199
3200-3249	* 155.2	156.8	158.5	160.1	161.7	163.4	165.0	166.6	168.3	169.9	* 3200-3249

LOG LENGTH CLASS-METRES											
CENTRE	* 19.0	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	* CLASS
(MM)	*										(MM)
VOLUME CUBIC METRES											
3250-3299	* 160.1	161.7	163.4	165.1	166.8	168.5	170.2	171.8	173.5	175.2	* 3250-3299
3300-3349	* 165.0	166.7	168.5	170.2	171.9	173.7	175.4	177.1	178.9	180.6	* 3300-3349
3350-3399	* 170.0	171.8	173.6	175.3	177.1	178.9	180.7	182.5	184.3	186.1	* 3350-3399
3400-3449	* 175.1	176.9	178.7	180.6	182.4	184.3	186.1	187.9	189.8	191.6	* 3400-3449
3450-3499	* 180.2	182.1	184.0	185.9	187.8	189.7	191.6	193.5	195.4	197.3	* 3450-3499
3500-3549	* 185.4	187.4	189.3	191.3	193.2	195.2	197.1	199.1	201.0	203.0	* 3500-3549
3550-3599	* 190.7	192.7	194.7	196.7	198.8	200.8	202.8	204.8	206.8	208.8	* 3550-3599
3600-3649	* 196.1	198.2	200.2	202.3	204.3	206.4	208.5	210.5	212.6	214.7	* 3600-3649
3650-3699	* 201.5	203.7	205.8	207.9	210.0	212.1	214.3	216.4	218.5	220.6	* 3650-3699
3700-3749	* 207.1	209.2	211.4	213.6	215.8	218.0	220.1	222.3	224.5	226.7	* 3700-3749
3750-3799	* 212.7	214.9	217.1	219.4	221.6	223.8	226.1	228.3	230.6	232.8	* 3750-3799
3800-3849	* 218.3	220.6	222.9	225.2	227.5	229.8	232.1	234.4	236.7	239.0	* 3800-3849
3850-3899	* 224.1	226.4	228.8	231.1	233.5	235.9	238.2	240.6	242.9	245.3	* 3850-3899
3900-3949	* 229.9	232.3	234.7	237.2	239.6	242.0	244.4	246.8	249.3	251.7	* 3900-3949
3950-3999	* 235.8	238.3	240.7	243.2	245.7	248.2	250.7	253.2	255.6	258.1	* 3950-3999
4000-4049	* 241.8	244.3	246.8	249.4	251.9	254.5	257.0	259.6	262.1	264.7	* 4000-4049
4050-4099	* 247.8	250.4	253.0	255.6	258.2	260.8	263.4	266.1	268.7	271.3	* 4050-4099
4100-4149	* 253.9	256.6	259.3	261.9	264.6	267.3	270.0	272.6	275.3	278.0	* 4100-4149
4150-4199	* 260.1	262.8	265.6	268.3	271.1	273.8	276.5	279.3	282.0	284.8	* 4150-4199
4200-4249	* 266.4	269.2	272.0	274.8	277.6	280.4	283.2	286.0	288.8	291.6	* 4200-4249
4250-4299	* 272.7	275.6	278.5	281.3	284.2	287.1	289.9	292.8	295.7	298.6	* 4250-4299
4300-4349	* 279.1	282.1	285.0	288.0	290.9	293.8	296.8	299.7	302.6	305.6	* 4300-4349
4350-4399	* 285.6	288.6	291.6	294.6	297.7	300.7	303.7	306.7	309.7	312.7	* 4350-4399
4400-4449	* 292.2	295.3	298.3	301.4	304.5	307.6	310.6	313.7	316.8	319.9	* 4400-4449
4450-4499	* 298.8	302.0	305.1	308.3	311.4	314.6	317.7	320.9	324.0	327.1	* 4450-4499

LOG LENGTH CLASS-METRES

CENTRE	* 19.0	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	* CLASS
(MM)											(MM)

VOLUME CUBIC METRES											

4500-4549	* 305.5	308.8	312.0	315.2	318.4	321.6	324.8	328.1	331.3	334.5	* 4500-4549
4550-4599	* 312.3	315.6	318.9	322.2	325.5	328.8	332.1	335.4	338.6	341.9	* 4550-4599
4600-4649	* 319.2	322.6	325.9	329.3	332.6	336.0	339.4	342.7	346.1	349.4	* 4600-4649
4650-4699	* 326.1	329.6	333.0	336.4	339.9	343.3	346.7	350.2	353.6	357.0	* 4650-4699
4700-4749	* 333.2	336.7	340.2	343.7	347.2	350.7	354.2	357.7	361.2	364.7	* 4700-4749

4750-4799	* 340.2	343.8	347.4	351.0	354.6	358.2	361.7	365.3	368.9	372.5	* 4750-4799
4800-4849	* 347.4	351.1	354.7	358.4	362.0	365.7	369.3	373.0	376.7	380.3	* 4800-4849
4850-4899	* 354.6	358.4	362.1	365.8	369.6	373.3	377.0	380.8	384.5	388.2	* 4850-4899
4900-4949	* 362.0	365.8	369.6	373.4	377.2	381.0	384.8	388.6	392.4	396.2	* 4900-4949
4950-4999	* 369.3	373.2	377.1	381.0	384.9	388.8	392.7	396.6	400.4	404.3	* 4950-4999

5000-5049	* 376.8	380.8	384.7	388.7	392.7	396.6	400.6	404.6	408.5	412.5	* 5000-5049
5050-5099	* 384.3	388.4	392.4	396.5	400.5	404.6	408.6	412.7	416.7	420.8	* 5050-5099
5100-5149	* 392.0	396.1	400.2	404.3	408.5	412.6	416.7	420.8	425.0	429.1	* 5100-5149
5150-5199	* 399.6	403.8	408.0	412.3	416.5	420.7	424.9	429.1	433.3	437.5	* 5150-5199
5200-5249	* 407.4	411.7	416.0	420.3	424.5	428.8	433.1	437.4	441.7	446.0	* 5200-5249

5250-5299	* 415.2	419.6	424.0	428.3	432.7	437.1	441.5	445.8	450.2	454.6	* 5250-5299
5300-5349	* 423.1	427.6	432.0	436.5	441.0	445.4	449.9	454.3	458.8	463.2	* 5300-5349
5350-5399	* 431.1	435.7	440.2	444.7	449.3	453.8	458.4	462.9	467.4	472.0	* 5350-5399
5400-5449	* 439.2	443.8	448.4	453.0	457.7	462.3	466.9	471.5	476.2	480.8	* 5400-5449
5450-5499	* 447.3	452.0	456.7	461.4	466.1	470.9	475.6	480.3	485.0	489.7	* 5450-5499

5500-5549	* 455.5	460.3	465.1	469.9	474.7	479.5	484.3	489.1	493.9	498.7	* 5500-5549
5550-5599	* 463.8	468.7	473.6	478.4	483.3	488.2	493.1	498.0	502.9	507.7	* 5550-5599
5600-5649	* 472.2	477.1	482.1	487.1	492.0	497.0	502.0	506.9	511.9	516.9	* 5600-5649
5650-5699	* 480.6	485.6	490.7	495.8	500.8	505.9	510.9	516.0	521.1	526.1	* 5650-5699
5700-5749	* 489.1	494.2	499.4	504.5	509.7	514.8	520.0	525.1	530.3	535.4	* 5700-5749

LOG LENGTH CLASS-METRES

CENTRE	* 21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	* CLASS
(MM)											(MM)

VOLUME CUBIC METRES											

100	* .18	.18	.19	.19	.19	.19	.19	.19	.20	.20	* 100
110	* .22	.22	.22	.22	.23	.23	.23	.23	.23	.24	* 110
120	* .26	.26	.26	.27	.27	.27	.27	.27	.28	.28	* 120
130	* .30	.30	.31	.31	.31	.31	.32	.32	.32	.33	* 130
140	* .35	.35	.35	.36	.36	.36	.37	.37	.37	.38	* 140

150	* .40	.40	.40	.41	.41	.42	.42	.42	.43	.43	* 150
160	* .45	.45	.46	.46	.47	.47	.47	.48	.48	.49	* 160
170	* .51	.51	.51	.52	.52	.53	.53	.54	.54	.55	* 170
180	* .56	.57	.58	.58	.59	.59	.60	.60	.61	.61	* 180
190	* .63	.63	.64	.65	.65	.66	.66	.67	.67	.68	* 190

200	* .69	.70	.71	.71	.72	.73	.73	.74	.75	.75	* 200
210	* .76	.77	.78	.78	.79	.80	.81	.81	.82	.83	* 210
220	* .83	.84	.85	.86	.87	.87	.88	.89	.90	.91	* 220
230	* .91	.92	.93	.94	.95	.95	.96	.97	.98	.99	* 230
240	* .99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.07	* 240

250	* 1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	* 250
260	* 1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.24	1.25	1.26	* 260
270	* 1.25	1.26	1.27	1.28	1.29	1.31	1.32	1.33	1.34	1.35	* 270
280	* 1.34	1.35	1.37	1.38	1.39	1.40	1.42	1.43	1.44	1.45	* 280
290	* 1.44	1.45	1.46	1.48	1.49	1.50	1.52	1.53	1.54	1.56	* 290

300	* 1.53	1.55	1.56	1.58	1.59	1.61	1.62	1.64	1.65	1.67	* 300
310	* 1.64	1.65	1.67	1.68	1.70	1.71	1.73	1.75	1.76	1.78	* 310
320	* 1.74	1.76	1.78	1.79	1.81	1.83	1.84	1.86	1.87	1.89	* 320
330	* 1.85	1.87	1.89	1.90	1.92	1.94	1.96	1.97	1.99	2.01	* 330
340	* 1.96	1.98	2.00	2.02	2.04	2.06	2.08	2.09	2.11	2.13	* 340

350	* 2.08	2.10	2.12	2.14	2.16	2.18	2.20	2.22	2.24	2.26	* 350
360	* 2.20	2.22	2.24	2.26	2.28	2.30	2.32	2.34	2.36	2.39	* 360
370	* 2.32	2.34	2.36	2.39	2.41	2.43	2.45	2.47	2.50	2.52	* 370
380	* 2.44	2.47	2.49	2.51	2.54	2.56	2.58	2.61	2.63	2.65	* 380
390	* 2.57	2.60	2.62	2.65	2.67	2.70	2.72	2.74	2.77	2.79	* 390

400	* 2.71	2.73	2.76	2.78	2.81	2.83	2.86	2.89	2.91	2.94	* 400
410	* 2.84	2.87	2.89	2.92	2.95	2.98	3.00	3.03	3.06	3.08	* 410
420	* 2.98	3.01	3.04	3.06	3.09	3.12	3.15	3.18	3.21	3.23	* 420
430	* 3.12	3.15	3.18	3.21	3.24	3.27	3.30	3.33	3.36	3.39	* 430
440	* 3.27	3.30	3.33	3.36	3.39	3.42	3.45	3.48	3.51	3.55	* 440

LOG LENGTH CLASS=METRES

CENTRE DIAM CLASS (MM)	* 21.0 * TO * 21.1	* 21.2 * TO * 21.3	* 21.4 * TO * 21.5	* 21.6 * TO * 21.7	* 21.8 * TO * 21.9	* 22.0 * TO * 22.1	* 22.2 * TO * 22.3	* 22.4 * TO * 22.5	* 22.6 * TO * 22.7	* 22.8 * TO * 22.9	* CENTRE * DIAM * CLASS (MM)

VOLUME CUBIC METRES											

450	* 3.41	3.45	3.48	3.51	3.54	3.58	3.61	3.64	3.67	3.71	* 450
460	* 3.57	3.60	3.63	3.67	3.70	3.74	3.77	3.80	3.84	3.87	* 460
470	* 3.72	3.76	3.79	3.83	3.86	3.90	3.93	3.97	4.00	4.04	* 470
480	* 3.88	3.92	3.95	3.99	4.03	4.06	4.10	4.14	4.18	4.21	* 480
490	* 4.04	4.08	4.12	4.16	4.20	4.23	4.27	4.31	4.35	4.39	* 490

500	* 4.21	4.25	4.29	4.33	4.37	4.41	4.45	4.49	4.53	4.57	* 500
510	* 4.37	4.42	4.46	4.50	4.54	4.58	4.62	4.67	4.71	4.75	* 510
520	* 4.55	4.59	4.63	4.68	4.72	4.76	4.81	4.85	4.89	4.94	* 520
530	* 4.72	4.77	4.81	4.86	4.90	4.95	4.99	5.04	5.08	5.13	* 530
540	* 4.90	4.95	4.99	5.04	5.09	5.13	5.18	5.23	5.27	5.32	* 540

550	* 5.08	5.13	5.18	5.23	5.27	5.32	5.37	5.42	5.47	5.52	* 550
560	* 5.27	5.32	5.37	5.42	5.47	5.52	5.57	5.62	5.67	5.72	* 560
570	* 5.45	5.51	5.56	5.61	5.66	5.71	5.76	5.82	5.87	5.92	* 570
580	* 5.64	5.70	5.75	5.81	5.86	5.91	5.97	6.02	6.07	6.13	* 580
590	* 5.84	5.89	5.95	6.01	6.06	6.12	6.17	6.23	6.28	6.34	* 590

600	* 6.04	6.09	6.15	6.21	6.27	6.32	6.38	6.44	6.50	6.55	* 600
610	* 6.24	6.30	6.36	6.42	6.48	6.54	6.59	6.65	6.71	6.77	* 610
620	* 6.44	6.50	6.57	6.63	6.69	6.75	6.81	6.87	6.93	6.99	* 620
630	* 6.65	6.71	6.78	6.84	6.90	6.97	7.03	7.09	7.16	7.22	* 630
640	* 6.86	6.93	6.99	7.06	7.12	7.19	7.25	7.32	7.38	7.45	* 640

650	* 7.08	7.14	7.21	7.28	7.35	7.41	7.48	7.55	7.62	7.68	* 650
660	* 7.29	7.36	7.43	7.50	7.57	7.64	7.71	7.78	7.85	7.92	* 660
670	* 7.51	7.59	7.66	7.73	7.80	7.87	7.94	8.02	8.09	8.16	* 670
680	* 7.74	7.81	7.89	7.96	8.03	8.11	8.18	8.26	8.33	8.40	* 680
690	* 7.97	8.04	8.12	8.19	8.27	8.35	8.42	8.50	8.57	8.65	* 690

700	* 8.20	8.28	8.35	8.43	8.51	8.59	8.67	8.74	8.82	8.90	* 700
710	* 8.43	8.51	8.59	8.67	8.75	8.83	8.91	8.99	9.07	9.15	* 710
720	* 8.67	8.75	8.83	8.92	9.00	9.08	9.16	9.25	9.33	9.41	* 720
730	* 8.91	8.99	9.08	9.16	9.25	9.33	9.42	9.50	9.59	9.67	* 730
740	* 9.15	9.24	9.33	9.42	9.50	9.59	9.68	9.76	9.85	9.94	* 740

750	* 9.40	9.49	9.58	9.67	9.76	9.85	9.94	10.03	10.12	10.21	* 750
760	* 9.65	9.74	9.84	9.93	10.02	10.11	10.20	10.30	10.39	10.48	* 760
770	* 9.91	10.00	10.10	10.19	10.28	10.38	10.47	10.57	10.66	10.76	* 770
780	* 10.16	10.26	10.36	10.45	10.55	10.65	10.74	10.84	10.94	11.03	* 780
790	* 10.42	10.52	10.62	10.72	10.82	10.92	11.02	11.12	11.22	11.32	* 790

LOG LENGTH CLASS-METRES

CENTRE	* 21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	* CLASS
(MM)											(MM)

VOLUME CUBIC METRES

800	* 10.69	10.79	10.89	10.99	11.10	11.20	11.30	11.40	11.50	11.60	* 800
810	* 10.96	11.06	11.16	11.27	11.37	11.48	11.58	11.69	11.79	11.89	* 810
820	* 11.23	11.33	11.44	11.55	11.65	11.76	11.87	11.97	12.08	12.19	* 820
830	* 11.50	11.61	11.72	11.83	11.94	12.05	12.16	12.27	12.38	12.49	* 830
840	* 11.78	11.89	12.00	12.11	12.23	12.34	12.45	12.56	12.67	12.79	* 840
850	* 12.06	12.17	12.29	12.40	12.52	12.63	12.75	12.86	12.98	13.09	* 850
860	* 12.34	12.46	12.58	12.69	12.81	12.93	13.05	13.16	13.28	13.40	* 860
870	* 12.63	12.75	12.87	12.99	13.11	13.23	13.35	13.47	13.59	13.71	* 870
880	* 12.92	13.04	13.16	13.29	13.41	13.53	13.66	13.78	13.90	14.03	* 880
890	* 13.21	13.34	13.46	13.59	13.71	13.84	13.97	14.09	14.22	14.34	* 890
900	* 13.51	13.64	13.77	13.89	14.02	14.15	14.28	14.41	14.54	14.67	* 900
910	* 13.81	13.94	14.07	14.20	14.33	14.47	14.60	14.73	14.86	14.99	* 910
920	* 14.11	14.25	14.38	14.52	14.65	14.78	14.92	15.05	15.19	15.32	* 920
930	* 14.42	14.56	14.69	14.83	14.97	15.11	15.24	15.38	15.52	15.65	* 930
940	* 14.73	14.87	15.01	15.15	15.29	15.43	15.57	15.71	15.85	15.99	* 940
950	* 15.04	15.19	15.33	15.47	15.62	15.76	15.90	16.05	16.19	16.33	* 950
960	* 15.36	15.51	15.65	15.80	15.94	16.09	16.24	16.38	16.53	16.68	* 960
970	* 15.68	15.83	15.98	16.13	16.28	16.43	16.57	16.72	16.87	17.02	* 970
980	* 16.00	16.15	16.31	16.46	16.61	16.76	16.92	17.07	17.22	17.37	* 980
990	* 16.33	16.48	16.64	16.80	16.95	17.11	17.26	17.42	17.57	17.73	* 990
1000	* 16.66	16.82	16.98	17.13	17.29	17.45	17.61	17.77	17.93	18.09	* 1000
1010	* 16.99	17.15	17.32	17.48	17.64	17.80	17.96	18.12	18.29	18.45	* 1010
1020	* 17.33	17.49	17.66	17.82	17.99	18.15	18.32	18.48	18.65	18.81	* 1020
1030	* 17.67	17.84	18.00	18.17	18.34	18.51	18.68	18.85	19.01	19.18	* 1030
1040	* 18.01	18.18	18.35	18.53	18.70	18.87	19.04	19.21	19.38	19.55	* 1040
1050	* 18.36	18.53	18.71	18.88	19.06	19.23	19.41	19.58	19.76	19.93	* 1050
1060	* 18.71	18.89	19.06	19.24	19.42	19.60	19.78	19.95	20.13	20.31	* 1060
1070	* 19.06	19.24	19.42	19.60	19.79	19.97	20.15	20.33	20.51	20.69	* 1070
1080	* 19.42	19.60	19.79	19.97	20.16	20.34	20.53	20.71	20.90	21.08	* 1080
1090	* 19.78	19.96	20.15	20.34	20.53	20.72	20.91	21.09	21.28	21.47	* 1090
1100	* 20.14	20.33	20.52	20.71	20.91	21.10	21.29	21.48	21.67	21.86	* 1100
1110	* 20.50	20.70	20.90	21.09	21.29	21.48	21.68	21.87	22.07	22.26	* 1110
1120	* 20.87	21.07	21.27	21.47	21.67	21.87	22.07	22.27	22.46	22.66	* 1120
1130	* 21.25	21.45	21.65	21.85	22.06	22.26	22.46	22.66	22.87	23.07	* 1130
1140	* 21.62	21.83	22.04	22.24	22.45	22.65	22.86	23.06	23.27	23.48	* 1140

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 21.0 * TO * 21.1	* 21.2 * TO * 21.3	* 21.4 * TO * 21.5	* 21.6 * TO * 21.7	* 21.8 * TO * 21.9	* 22.0 * TO * 22.1	* 22.2 * TO * 22.3	* 22.4 * TO * 22.5	* 22.6 * TO * 22.7	* 22.8 * TO * 22.9	* CENTRE * DIAM * CLASS (MM)
* VOLUME CUBIC METRES *											
1150	22.00	22.21	22.42	22.63	22.84	23.05	23.26	23.47	23.68	23.89	1150
1160	22.39	22.60	22.81	23.02	23.24	23.45	23.66	23.88	24.09	24.30	1160
1170	22.77	22.99	23.20	23.42	23.64	23.86	24.07	24.29	24.51	24.72	1170
1180	23.16	23.38	23.60	23.82	24.04	24.26	24.48	24.70	24.92	25.15	1180
1190	23.55	23.78	24.00	24.23	24.45	24.67	24.90	25.12	25.35	25.57	1190
1200	23.95	24.18	24.40	24.63	24.86	25.09	25.32	25.55	25.77	26.00	1200
1210	24.35	24.58	24.81	25.04	25.28	25.51	25.74	25.97	26.20	26.43	1210
1220	24.75	24.99	25.22	25.46	25.69	25.93	26.16	26.40	26.64	26.87	1220
1230	25.16	25.40	25.64	25.87	26.11	26.35	26.59	26.83	27.07	27.31	1230
1240	25.57	25.81	26.05	26.30	26.54	26.78	27.03	27.27	27.51	27.76	1240
1250	25.98	26.22	26.47	26.72	26.97	27.21	27.46	27.71	27.96	28.20	1250
1260	26.39	26.64	26.90	27.15	27.40	27.65	27.90	28.15	28.40	28.66	1260
1270	26.81	27.07	27.32	27.58	27.83	28.09	28.34	28.60	28.85	29.11	1270
1280	27.23	27.49	27.75	28.01	28.27	28.53	28.79	29.05	29.31	29.57	1280
1290	27.66	27.92	28.19	28.45	28.71	28.98	29.24	29.50	29.77	30.03	1290
1300	28.09	28.36	28.62	28.89	29.16	29.43	29.69	29.96	30.23	30.50	1300
1310	28.52	28.79	29.06	29.34	29.61	29.88	30.15	30.42	30.69	30.97	1310
1320	28.96	29.23	29.51	29.78	30.06	30.34	30.61	30.89	31.16	31.44	1320
1330	29.39	29.67	29.95	30.23	30.51	30.79	31.07	31.35	31.63	31.91	1330
1340	29.84	30.12	30.41	30.69	30.97	31.26	31.54	31.83	32.11	32.39	1340
1350	30.28	30.57	30.86	31.15	31.44	31.72	32.01	32.30	32.59	32.88	1350
1360	30.73	31.02	31.32	31.61	31.90	32.19	32.49	32.78	33.07	33.36	1360
1370	31.18	31.48	31.78	32.07	32.37	32.67	32.96	33.26	33.56	33.86	1370
1380	31.64	31.94	32.24	32.54	32.84	33.14	33.45	33.75	34.05	34.35	1380
1390	32.10	32.40	32.71	33.01	33.32	33.62	33.93	34.24	34.54	34.85	1390
1400	32.56	32.87	33.18	33.49	33.80	34.11	34.42	34.73	35.04	35.35	1400
1410	33.02	33.34	33.65	33.97	34.28	34.60	34.91	35.22	35.54	35.85	1410
1420	33.49	33.81	34.13	34.45	34.77	35.09	35.41	35.72	36.04	36.36	1420
1430	33.96	34.29	34.61	34.93	35.26	35.58	35.90	36.23	36.55	36.87	1430
1440	34.44	34.77	35.09	35.42	35.75	36.08	36.41	36.73	37.06	37.39	1440
1450	34.92	35.25	35.58	35.91	36.25	36.58	36.91	37.24	37.58	37.91	1450
1460	35.40	35.74	36.07	36.41	36.75	37.08	37.42	37.76	38.10	38.43	1460
1470	35.88	36.23	36.57	36.91	37.25	37.59	37.93	38.28	38.62	38.96	1470
1480	36.37	36.72	37.06	37.41	37.76	38.10	38.45	38.80	39.14	39.49	1480
1490	36.86	37.21	37.57	37.92	38.27	38.62	38.97	39.32	39.67	40.02	1490

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 21.0 * TO	21.2 TO	21.4 TO	21.6 TO	21.8 TO	22.0 TO	22.2 TO	22.4 TO	22.6 TO	22.8 TO	* CENTRE DIAM CLASS (MM)
	* 21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	* CLASS (MM)

VOLUME CUBIC METRES											

1500-1519	* 37.61	37.96	38.32	38.68	39.04	39.40	39.76	40.11	40.47	40.83	* 1500-1519
1520-1539	* 38.61	38.98	39.34	39.71	40.08	40.45	40.82	41.18	41.55	41.92	* 1520-1539
1540-1559	* 39.63	40.00	40.38	40.76	41.13	41.51	41.89	42.27	42.64	43.02	* 1540-1559
1560-1579	* 40.65	41.04	41.43	41.82	42.20	42.59	42.98	43.36	43.75	44.14	* 1560-1579
1580-1599	* 41.70	42.09	42.49	42.89	43.29	43.68	44.08	44.48	44.87	45.27	* 1580-1599

1600-1619	* 42.75	43.16	43.57	43.97	44.38	44.79	45.20	45.60	46.01	46.42	* 1600-1619
1620-1639	* 43.82	44.24	44.66	45.07	45.49	45.91	46.33	46.74	47.16	47.58	* 1620-1639
1640-1659	* 44.90	45.33	45.76	46.19	46.61	47.04	47.47	47.90	48.32	48.75	* 1640-1659
1660-1679	* 46.00	46.44	46.87	47.31	47.75	48.19	48.63	49.06	49.50	49.94	* 1660-1679
1680-1699	* 47.11	47.56	48.00	48.45	48.90	49.35	49.80	50.25	50.70	51.14	* 1680-1699

1700-1719	* 48.23	48.69	49.15	49.61	50.07	50.52	50.98	51.44	51.90	52.36	* 1700-1719
1720-1739	* 49.36	49.83	50.30	50.77	51.24	51.71	52.18	52.65	53.12	53.59	* 1720-1739
1740-1759	* 50.51	50.99	51.47	51.95	52.44	52.92	53.40	53.88	54.36	54.84	* 1740-1759
1760-1779	* 51.67	52.16	52.66	53.15	53.64	54.13	54.62	55.12	55.61	56.10	* 1760-1779
1780-1799	* 52.85	53.35	53.85	54.36	54.86	55.36	55.87	56.37	56.87	57.38	* 1780-1799

1800-1819	* 54.03	54.55	55.06	55.58	56.09	56.61	57.12	57.64	58.15	58.67	* 1800-1819
1820-1839	* 55.23	55.76	56.29	56.81	57.34	57.86	58.39	58.92	59.44	59.97	* 1820-1839
1840-1859	* 56.45	56.99	57.52	58.06	58.60	59.14	59.67	60.21	60.75	61.29	* 1840-1859
1860-1879	* 57.68	58.22	58.77	59.32	59.87	60.42	60.97	61.52	62.07	62.62	* 1860-1879
1880-1899	* 58.92	59.48	60.04	60.60	61.16	61.72	62.28	62.84	63.40	63.97	* 1880-1899

1900-1919	* 60.17	60.74	61.32	61.89	62.46	63.03	63.61	64.18	64.75	65.33	* 1900-1919
1920-1939	* 61.44	62.02	62.61	63.19	63.78	64.36	64.95	65.53	66.12	66.70	* 1920-1939
1940-1959	* 62.72	63.31	63.91	64.51	65.11	65.70	66.30	66.90	67.49	68.09	* 1940-1959
1960-1979	* 64.01	64.62	65.23	65.84	66.45	67.06	67.67	68.28	68.89	69.50	* 1960-1979
1980-1999	* 65.32	65.94	66.56	67.18	67.80	68.43	69.05	69.67	70.29	70.91	* 1980-1999

LOG LENGTH CLASS=METRES

CENTRE	* 21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	* CLASS
(MM)											(MM)

VOLUME CUBIC METRES											

2000-2049	* 67.6	68.3	68.9	69.6	70.2	70.9	71.5	72.1	72.8	73.4	* 2000-2049
2050-2099	* 71.0	71.7	72.4	73.0	73.7	74.4	75.1	75.7	76.4	77.1	* 2050-2099
2100-2149	* 74.5	75.2	75.9	76.6	77.3	78.0	78.7	79.4	80.2	80.9	* 2100-2149
2150-2199	* 78.0	78.8	79.5	80.3	81.0	81.7	82.5	83.2	84.0	84.7	* 2150-2199
2200-2249	* 81.7	82.4	83.2	84.0	84.8	85.5	86.3	87.1	87.9	88.7	* 2200-2249

2250-2299	* 85.4	86.2	87.0	87.8	88.6	89.4	90.2	91.1	91.9	92.7	* 2250-2299
2300-2349	* 89.2	90.0	90.9	91.7	92.6	93.4	94.3	95.1	95.9	96.8	* 2300-2349
2350-2399	* 93.0	93.9	94.8	95.7	96.6	97.5	98.3	99.2	100.1	101.0	* 2350-2399
2400-2449	* 97.0	97.9	98.8	99.8	100.7	101.6	102.5	103.5	104.4	105.3	* 2400-2449
2450-2499	* 101.0	102.0	103.0	103.9	104.9	105.8	106.8	107.8	108.7	109.7	* 2450-2499

2500-2549	* 105.2	106.2	107.2	108.2	109.2	110.2	111.2	112.2	113.2	114.2	* 2500-2549
2550-2599	* 109.4	110.4	111.4	112.5	113.5	114.6	115.6	116.7	117.7	118.7	* 2550-2599
2600-2649	* 113.6	114.7	115.8	116.9	118.0	119.1	120.1	121.2	122.3	123.4	* 2600-2649
2650-2699	* 118.0	119.1	120.3	121.4	122.5	123.6	124.8	125.9	127.0	128.1	* 2650-2699
2700-2749	* 122.5	123.6	124.8	126.0	127.1	128.3	129.5	130.6	131.8	133.0	* 2700-2749

2750-2799	* 127.0	128.2	129.4	130.6	131.8	133.1	134.3	135.5	136.7	137.9	* 2750-2799
2800-2849	* 131.6	132.9	134.1	135.4	136.6	137.9	139.1	140.4	141.7	142.9	* 2800-2849
2850-2899	* 136.3	137.6	138.9	140.2	141.5	142.8	144.1	145.4	146.7	148.0	* 2850-2899
2900-2949	* 141.1	142.5	143.8	145.1	146.5	147.8	149.2	150.5	151.9	153.2	* 2900-2949
2950-2999	* 146.0	147.4	148.8	150.1	151.5	152.9	154.3	155.7	157.1	158.5	* 2950-2999

3000-3049	* 150.9	152.4	153.8	155.2	156.7	158.1	159.5	161.0	162.4	163.9	* 3000-3049
3050-3099	* 156.0	157.4	158.9	160.4	161.9	163.4	164.9	166.4	167.8	169.3	* 3050-3099
3100-3149	* 161.1	162.6	164.1	165.7	167.2	168.7	170.3	171.8	173.3	174.9	* 3100-3149
3150-3199	* 166.3	167.8	169.4	171.0	172.6	174.2	175.8	177.3	178.9	180.5	* 3150-3199
3200-3249	* 171.5	173.2	174.8	176.4	178.1	179.7	181.3	183.0	184.6	186.2	* 3200-3249

LOG LENGTH CLASS-METRES

CENTRE	* 21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	* CLASS
(MM)	*										(MM)

VOLUME CUBIC METRES

3250-3299	* 176.9	178.6	180.3	182.0	183.6	185.3	187.0	188.7	190.4	192.1	* 3250-3299
3300-3349	* 182.3	184.1	185.8	187.6	189.3	191.0	192.8	194.5	196.2	198.0	* 3300-3349
3350-3399	* 187.9	189.7	191.4	193.2	195.0	196.8	198.6	200.4	202.2	204.0	* 3350-3399
3400-3449	* 193.5	195.3	197.2	199.0	200.8	202.7	204.5	206.4	208.2	210.1	* 3400-3449
3450-3499	* 199.2	201.1	203.0	204.9	206.8	208.7	210.5	212.4	214.3	216.2	* 3450-3499
3500-3549	* 204.9	206.9	208.8	210.8	212.7	214.7	216.7	218.6	220.6	222.5	* 3500-3549
3550-3599	* 210.8	212.8	214.8	216.8	218.8	220.8	222.8	224.8	226.9	228.9	* 3550-3599
3600-3649	* 216.7	218.8	220.9	222.9	225.0	227.1	229.1	231.2	233.2	235.3	* 3600-3649
3650-3699	* 222.8	224.9	227.0	229.1	231.2	233.4	235.5	237.6	239.7	241.8	* 3650-3699
3700-3749	* 228.9	231.0	233.2	235.4	237.6	239.8	241.9	244.1	246.3	248.5	* 3700-3749
3750-3799	* 235.0	237.3	239.5	241.8	244.0	246.2	248.5	250.7	252.9	255.2	* 3750-3799
3800-3849	* 241.3	243.6	245.9	248.2	250.5	252.8	255.1	257.4	259.7	262.0	* 3800-3849
3850-3899	* 247.7	250.0	252.4	254.7	257.1	259.5	261.8	264.2	266.5	268.9	* 3850-3899
3900-3949	* 254.1	256.5	258.9	261.4	263.8	266.2	268.6	271.0	273.4	275.9	* 3900-3949
3950-3999	* 260.6	263.1	265.6	268.1	270.5	273.0	275.5	278.0	280.5	282.9	* 3950-3999
4000-4049	* 267.2	269.7	272.3	274.8	277.4	279.9	282.5	285.0	287.6	290.1	* 4000-4049
4050-4099	* 273.9	276.5	279.1	281.7	284.3	286.9	289.5	292.1	294.7	297.4	* 4050-4099
4100-4149	* 280.6	283.3	286.0	288.7	291.3	294.0	296.7	299.4	302.0	304.7	* 4100-4149
4150-4199	* 287.5	290.2	293.0	295.7	298.4	301.2	303.9	306.7	309.4	312.1	* 4150-4199
4200-4249	* 294.4	297.2	300.0	302.8	305.6	308.4	311.2	314.0	316.8	319.7	* 4200-4249
4250-4299	* 301.4	304.3	307.2	310.0	312.9	315.8	318.7	321.5	324.4	327.3	* 4250-4299
4300-4349	* 308.5	311.5	314.4	317.3	320.3	323.2	326.1	329.1	332.0	335.0	* 4300-4349
4350-4399	* 315.7	318.7	321.7	324.7	327.7	330.7	333.7	336.7	339.7	342.8	* 4350-4399
4400-4449	* 323.0	326.0	329.1	332.2	335.3	338.3	341.4	344.5	347.6	350.6	* 4400-4449
4450-4499	* 330.3	333.4	336.6	339.7	342.9	346.0	349.2	352.3	355.5	358.6	* 4450-4499

LOG LENGTH CLASS-METRES

CENTRE	* 21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	* CLASS
(MM)	* *										* (MM)

VOLUME CUBIC METRES

4500-4549	* 337.7	340.9	344.1	347.4	350.6	353.8	357.0	360.2	363.4	366.7	* 4500-4549
4550-4599	* 345.2	348.5	351.8	355.1	358.4	361.7	364.9	368.2	371.5	374.8	* 4550-4599
4600-4649	* 352.8	356.2	359.5	362.9	366.2	369.6	373.0	376.3	379.7	383.0	* 4600-4649
4650-4699	* 360.5	363.9	367.3	370.8	374.2	377.6	381.1	384.5	387.9	391.4	* 4650-4699
4700-4749	* 368.2	371.7	375.2	378.7	382.3	385.8	389.3	392.8	396.3	399.8	* 4700-4749
4750-4799	* 376.1	379.6	383.2	386.8	390.4	394.0	397.5	401.1	404.7	408.3	* 4750-4799
4800-4849	* 384.0	387.6	391.3	394.9	398.6	402.3	405.9	409.6	413.2	416.9	* 4800-4849
4850-4899	* 392.0	395.7	399.4	403.2	406.9	410.6	414.4	418.1	421.8	425.6	* 4850-4899
4900-4949	* 400.1	403.9	407.7	411.5	415.3	419.1	422.9	426.7	430.5	434.3	* 4900-4949
4950-4999	* 408.2	412.1	416.0	419.9	423.8	427.7	431.5	435.4	439.3	443.2	* 4950-4999
5000-5049	* 416.5	420.4	424.4	428.4	432.3	436.3	440.3	444.2	448.2	452.2	* 5000-5049
5050-5099	* 424.8	428.8	432.9	436.9	441.0	445.0	449.1	453.1	457.2	461.2	* 5050-5099
5100-5149	* 433.2	437.3	441.5	445.6	449.7	453.8	458.0	462.1	466.2	470.3	* 5100-5149
5150-5199	* 441.7	445.9	450.1	454.3	458.5	462.7	466.9	471.1	475.4	479.6	* 5150-5199
5200-5249	* 450.3	454.6	458.9	463.1	467.4	471.7	476.0	480.3	484.6	488.9	* 5200-5249
5250-5299	* 458.9	463.3	467.7	472.1	476.4	480.8	485.2	489.5	493.9	498.3	* 5250-5299
5300-5349	* 467.7	472.1	476.6	481.0	485.5	490.0	494.4	498.9	503.3	507.8	* 5300-5349
5350-5399	* 476.5	481.0	485.6	490.1	494.7	499.2	503.7	508.3	512.8	517.3	* 5350-5399
5400-5449	* 485.4	490.0	494.7	499.3	503.9	508.5	513.1	517.8	522.4	527.0	* 5400-5449
5450-5499	* 494.4	499.1	503.8	508.5	513.2	517.9	522.7	527.4	532.1	536.8	* 5450-5499
5500-5549	* 503.5	508.3	513.1	517.9	522.6	527.4	532.2	537.0	541.8	546.6	* 5500-5549
5550-5599	* 512.6	517.5	522.4	527.3	532.2	537.0	541.9	546.8	551.7	556.6	* 5550-5599
5600-5649	* 521.9	526.8	531.8	536.8	541.7	546.7	551.7	556.7	561.6	566.6	* 5600-5649
5650-5699	* 531.2	536.2	541.3	546.4	551.4	556.5	561.5	566.6	571.6	576.7	* 5650-5699
5700-5749	* 540.6	545.7	550.9	556.0	561.2	566.3	571.5	576.6	581.8	586.9	* 5700-5749

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	* 23.0	* 23.2	* 23.4	* 23.6	* 23.8	* 24.0	* 24.2	* 24.4	* 24.6	* 24.8	* CENTRE DIAM CLASS (MM)
	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	
	23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7	24.9	
VOLUME CUBIC METRES											
100	.20	.20	.20	.20	.21	.21	.21	.21	.21	.21	100
110	.24	.24	.24	.25	.25	.25	.25	.25	.26	.26	110
120	.28	.28	.29	.29	.29	.30	.30	.30	.30	.30	120
130	.33	.33	.33	.34	.34	.34	.35	.35	.35	.35	130
140	.38	.38	.39	.39	.39	.40	.40	.40	.41	.41	140
150	.43	.44	.44	.45	.45	.45	.46	.46	.46	.47	150
160	.49	.50	.50	.50	.51	.51	.52	.52	.53	.53	160
170	.55	.56	.56	.57	.57	.58	.58	.59	.59	.60	170
180	.62	.62	.63	.63	.64	.65	.65	.66	.66	.67	180
190	.69	.69	.70	.70	.71	.72	.72	.73	.73	.74	190
200	.76	.77	.77	.78	.79	.79	.80	.81	.81	.82	200
210	.84	.84	.85	.86	.86	.87	.88	.89	.89	.90	210
220	.91	.92	.93	.94	.95	.95	.96	.97	.98	.99	220
230	1.00	1.01	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	230
240	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	240
250	1.17	1.18	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	250
260	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.35	1.36	1.37	260
270	1.37	1.38	1.39	1.40	1.41	1.43	1.44	1.45	1.46	1.47	270
280	1.47	1.48	1.49	1.51	1.52	1.53	1.54	1.56	1.57	1.58	280
290	1.57	1.59	1.60	1.61	1.63	1.64	1.65	1.67	1.68	1.70	290
300	1.68	1.70	1.71	1.72	1.74	1.75	1.77	1.78	1.80	1.81	300
310	1.79	1.81	1.82	1.84	1.85	1.87	1.89	1.90	1.92	1.93	310
320	1.91	1.92	1.94	1.96	1.97	1.99	2.01	2.02	2.04	2.06	320
330	2.03	2.04	2.06	2.08	2.10	2.12	2.13	2.15	2.17	2.19	330
340	2.15	2.17	2.19	2.21	2.22	2.24	2.26	2.28	2.30	2.32	340
350	2.28	2.30	2.32	2.34	2.36	2.38	2.40	2.42	2.43	2.45	350
360	2.41	2.43	2.45	2.47	2.49	2.51	2.53	2.55	2.57	2.59	360
370	2.54	2.56	2.58	2.61	2.63	2.65	2.67	2.69	2.72	2.74	370
380	2.68	2.70	2.72	2.75	2.77	2.79	2.82	2.84	2.86	2.89	380
390	2.82	2.84	2.87	2.89	2.92	2.94	2.97	2.99	3.01	3.04	390
400	2.96	2.99	3.01	3.04	3.07	3.09	3.12	3.14	3.17	3.19	400
410	3.11	3.14	3.17	3.19	3.22	3.25	3.27	3.30	3.33	3.35	410
420	3.26	3.29	3.32	3.35	3.38	3.40	3.43	3.46	3.49	3.52	420
430	3.42	3.45	3.48	3.51	3.54	3.57	3.60	3.63	3.66	3.69	430
440	3.58	3.61	3.64	3.67	3.70	3.73	3.76	3.79	3.83	3.86	440

LOG LENGTH CLASS=METRES

CENTRE	23.0	23.2	23.4	23.6	23.8	24.0	24.2	24.4	24.6	24.8	CENTRE
DIAM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	DIAM
CLASS	23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7	24.9	CLASS
(MM)											(MM)

VOLUME CUBIC METRES

450	3.74	3.77	3.80	3.84	3.87	3.90	3.93	3.97	4.00	4.03	450
460	3.91	3.94	3.97	4.01	4.04	4.08	4.11	4.14	4.18	4.21	460
470	4.08	4.11	4.15	4.18	4.22	4.25	4.29	4.32	4.36	4.39	470
480	4.25	4.29	4.32	4.36	4.40	4.43	4.47	4.51	4.54	4.58	480
490	4.43	4.46	4.50	4.54	4.58	4.62	4.66	4.70	4.73	4.77	490
500	4.61	4.65	4.69	4.73	4.77	4.81	4.85	4.89	4.93	4.97	500
510	4.79	4.83	4.87	4.92	4.96	5.00	5.04	5.08	5.12	5.17	510
520	4.98	5.02	5.07	5.11	5.15	5.20	5.24	5.28	5.33	5.37	520
530	5.17	5.22	5.26	5.31	5.35	5.40	5.44	5.49	5.53	5.58	530
540	5.37	5.41	5.46	5.51	5.55	5.60	5.65	5.69	5.74	5.79	540
550	5.56	5.61	5.66	5.71	5.76	5.81	5.85	5.90	5.95	6.00	550
560	5.77	5.82	5.87	5.92	5.97	6.02	6.07	6.12	6.17	6.22	560
570	5.97	6.02	6.08	6.13	6.18	6.23	6.28	6.34	6.39	6.44	570
580	6.18	6.24	6.29	6.34	6.40	6.45	6.50	6.56	6.61	6.67	580
590	6.40	6.45	6.51	6.56	6.62	6.67	6.73	6.78	6.84	6.90	590
600	6.61	6.67	6.73	6.78	6.84	6.90	6.96	7.01	7.07	7.13	600
610	6.83	6.89	6.95	7.01	7.07	7.13	7.19	7.25	7.31	7.37	610
620	7.06	7.12	7.18	7.24	7.30	7.36	7.42	7.49	7.55	7.61	620
630	7.28	7.35	7.41	7.47	7.54	7.60	7.66	7.73	7.79	7.85	630
640	7.52	7.58	7.65	7.71	7.78	7.84	7.91	7.97	8.04	8.10	640
650	7.75	7.82	7.88	7.95	8.02	8.09	8.15	8.22	8.29	8.36	650
660	7.99	8.06	8.13	8.20	8.27	8.34	8.41	8.47	8.54	8.61	660
670	8.23	8.30	8.37	8.45	8.52	8.59	8.66	8.73	8.80	8.87	670
680	8.48	8.55	8.62	8.70	8.77	8.84	8.92	8.99	9.07	9.14	680
690	8.73	8.80	8.88	8.95	9.03	9.10	9.18	9.26	9.33	9.41	690
700	8.98	9.06	9.13	9.21	9.29	9.37	9.45	9.52	9.60	9.68	700
710	9.23	9.32	9.40	9.48	9.56	9.64	9.72	9.80	9.88	9.96	710
720	9.49	9.58	9.66	9.74	9.83	9.91	9.99	10.07	10.16	10.24	720
730	9.76	9.84	9.93	10.01	10.10	10.18	10.27	10.35	10.44	10.52	730
740	10.03	10.11	10.20	10.29	10.37	10.46	10.55	10.64	10.72	10.81	740
750	10.30	10.39	10.48	10.57	10.66	10.74	10.83	10.92	11.01	11.10	750
760	10.57	10.66	10.76	10.85	10.94	11.03	11.12	11.22	11.31	11.40	760
770	10.85	10.94	11.04	11.13	11.23	11.32	11.42	11.51	11.60	11.70	770
780	11.13	11.23	11.33	11.42	11.52	11.62	11.71	11.81	11.91	12.00	780
790	11.42	11.52	11.62	11.71	11.81	11.91	12.01	12.11	12.21	12.31	790

LOG LENGTH CLASS-METRES

CENTRE DIAM CLASS (MM)	23.0 TO 23.1	23.2 TO 23.3	23.4 TO 23.5	23.6 TO 23.7	23.8 TO 23.9	24.0 TO 24.1	24.2 TO 24.3	24.4 TO 24.5	24.6 TO 24.7	24.8 TO 24.9	CENTRE DIAM CLASS (MM)
VOLUME CUBIC METRES											
800	11.71	11.81	11.91	12.01	12.11	12.21	12.32	12.42	12.52	12.62	800
810	12.00	12.10	12.21	12.31	12.42	12.52	12.62	12.73	12.83	12.94	810
820	12.29	12.40	12.51	12.62	12.72	12.83	12.94	13.04	13.15	13.26	820
830	12.59	12.70	12.81	12.92	13.03	13.14	13.25	13.36	13.47	13.58	830
840	12.90	13.01	13.12	13.23	13.35	13.46	13.57	13.68	13.80	13.91	840
850	13.21	13.32	13.44	13.55	13.66	13.78	13.89	14.01	14.12	14.24	850
860	13.52	13.63	13.75	13.87	13.99	14.10	14.22	14.34	14.46	14.57	860
870	13.83	13.95	14.07	14.19	14.31	14.43	14.55	14.67	14.79	14.91	870
880	14.15	14.27	14.39	14.52	14.64	14.76	14.89	15.01	15.13	15.26	880
890	14.47	14.60	14.72	14.85	14.97	15.10	15.22	15.35	15.48	15.60	890
900	14.79	14.92	15.05	15.18	15.31	15.44	15.57	15.70	15.82	15.95	900
910	15.12	15.26	15.39	15.52	15.65	15.78	15.91	16.04	16.18	16.31	910
920	15.46	15.59	15.72	15.86	15.99	16.13	16.26	16.40	16.53	16.67	920
930	15.79	15.93	16.07	16.20	16.34	16.48	16.62	16.75	16.89	17.03	930
940	16.13	16.27	16.41	16.55	16.69	16.83	16.97	17.11	17.25	17.39	940
950	16.47	16.62	16.76	16.90	17.05	17.19	17.33	17.48	17.62	17.76	950
960	16.82	16.97	17.11	17.26	17.41	17.55	17.70	17.85	17.99	18.14	960
970	17.17	17.32	17.47	17.62	17.77	17.92	18.07	18.22	18.37	18.52	970
980	17.53	17.68	17.83	17.98	18.14	18.29	18.44	18.59	18.75	18.90	980
990	17.88	18.04	18.19	18.35	18.51	18.66	18.82	18.97	19.13	19.28	990
1000	18.25	18.40	18.56	18.72	18.88	19.04	19.20	19.36	19.51	19.67	1000
1010	18.61	18.77	18.93	19.10	19.26	19.42	19.58	19.74	19.90	20.07	1010
1020	18.98	19.14	19.31	19.47	19.64	19.80	19.97	20.13	20.30	20.46	1020
1030	19.35	19.52	19.69	19.86	20.02	20.19	20.36	20.53	20.70	20.87	1030
1040	19.73	19.90	20.07	20.24	20.41	20.58	20.76	20.93	21.10	21.27	1040
1050	20.11	20.28	20.46	20.63	20.81	20.98	21.15	21.33	21.50	21.68	1050
1060	20.49	20.67	20.85	21.02	21.20	21.38	21.56	21.74	21.91	22.09	1060
1070	20.88	21.06	21.24	21.42	21.60	21.78	21.96	22.15	22.33	22.51	1070
1080	21.27	21.45	21.64	21.82	22.01	22.19	22.38	22.56	22.74	22.93	1080
1090	21.66	21.85	22.04	22.22	22.41	22.60	22.79	22.98	23.17	23.35	1090
1100	22.06	22.25	22.44	22.63	22.82	23.02	23.21	23.40	23.59	23.78	1100
1110	22.46	22.65	22.85	23.04	23.24	23.43	23.63	23.82	24.02	24.22	1110
1120	22.86	23.06	23.26	23.46	23.66	23.86	24.06	24.25	24.45	24.65	1120
1130	23.27	23.47	23.68	23.88	24.08	24.28	24.48	24.69	24.89	25.09	1130
1140	23.68	23.89	24.09	24.30	24.51	24.71	24.92	25.12	25.33	25.54	1140

LOG LENGTH CLASS-METRES

CENTRE	*	23.0	23.2	23.4	23.6	23.8	24.0	24.2	24.4	24.6	24.8	* CENTRE
DIAM	*	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	*	23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7	24.9	* CLASS
(MM)	*											(MM)

VOLUME CUBIC METRES												

1150	*	24.10	24.31	24.52	24.73	24.94	25.15	25.36	25.56	25.77	25.98	* 1150
1160	*	24.52	24.73	24.94	25.16	25.37	25.58	25.80	26.01	26.22	26.44	* 1160
1170	*	24.94	25.16	25.37	25.59	25.81	26.02	26.24	26.46	26.67	26.89	* 1170
1180	*	25.37	25.59	25.81	26.03	26.25	26.47	26.69	26.91	27.13	27.35	* 1180
1190	*	25.80	26.02	26.24	26.47	26.69	26.92	27.14	27.37	27.59	27.81	* 1190

1200	*	26.23	26.46	26.69	26.91	27.14	27.37	27.60	27.83	28.05	28.28	* 1200
1210	*	26.67	26.90	27.13	27.36	27.59	27.83	28.06	28.29	28.52	28.75	* 1210
1220	*	27.11	27.34	27.58	27.81	28.05	28.29	28.52	28.76	28.99	29.23	* 1220
1230	*	27.55	27.79	28.03	28.27	28.51	28.75	28.99	29.23	29.47	29.71	* 1230
1240	*	28.00	28.24	28.49	28.73	28.97	29.22	29.46	29.70	29.95	30.19	* 1240

1250	*	28.45	28.70	28.95	29.19	29.44	29.69	29.94	30.18	30.43	30.68	* 1250
1260	*	28.91	29.16	29.41	29.66	29.91	30.16	30.41	30.67	30.92	31.17	* 1260
1270	*	29.37	29.62	29.88	30.13	30.39	30.64	30.90	31.15	31.41	31.66	* 1270
1280	*	29.83	30.09	30.35	30.61	30.87	31.12	31.38	31.64	31.90	32.16	* 1280
1290	*	30.29	30.56	30.82	31.08	31.35	31.61	31.87	32.14	32.40	32.66	* 1290

1300	*	30.76	31.03	31.30	31.57	31.83	32.10	32.37	32.64	32.90	33.17	* 1300
1310	*	31.24	31.51	31.78	32.05	32.32	32.60	32.87	33.14	33.41	33.68	* 1310
1320	*	31.71	31.99	32.27	32.54	32.82	33.09	33.37	33.64	33.92	34.20	* 1320
1330	*	32.19	32.47	32.75	33.03	33.31	33.59	33.87	34.15	34.43	34.71	* 1330
1340	*	32.68	32.96	33.25	33.53	33.82	34.10	34.38	34.67	34.95	35.24	* 1340

1350	*	33.17	33.45	33.74	34.03	34.32	34.61	34.90	35.19	35.47	35.76	* 1350
1360	*	33.66	33.95	34.24	34.54	34.83	35.12	35.41	35.71	36.00	36.29	* 1360
1370	*	34.15	34.45	34.75	35.04	35.34	35.64	35.93	36.23	36.53	36.83	* 1370
1380	*	34.65	34.95	35.25	35.56	35.86	36.16	36.46	36.76	37.06	37.36	* 1380
1390	*	35.15	35.46	35.76	36.07	36.38	36.68	36.99	37.29	37.60	37.90	* 1390

1400	*	35.66	35.97	36.28	36.59	36.90	37.21	37.52	37.83	38.14	38.45	* 1400
1410	*	36.17	36.48	36.80	37.11	37.43	37.74	38.06	38.37	38.68	39.00	* 1410
1420	*	36.68	37.00	37.32	37.64	37.96	38.28	38.60	38.91	39.23	39.55	* 1420
1430	*	37.20	37.52	37.85	38.17	38.49	38.82	39.14	39.46	39.79	40.11	* 1430
1440	*	37.72	38.05	38.37	38.70	39.03	39.36	39.69	40.01	40.34	40.67	* 1440

1450	*	38.24	38.57	38.91	39.24	39.57	39.90	40.24	40.57	40.90	41.24	* 1450
1460	*	38.77	39.11	39.44	39.78	40.12	40.46	40.79	41.13	41.47	41.80	* 1460
1470	*	39.30	39.64	39.98	40.33	40.67	41.01	41.35	41.69	42.03	42.38	* 1470
1480	*	39.84	40.18	40.53	40.87	41.22	41.57	41.91	42.26	42.61	42.95	* 1480
1490	*	40.37	40.72	41.08	41.43	41.78	42.13	42.48	42.83	43.18	43.53	* 1490

LOG LENGTH CLASS-METRES

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*****
CENTRE * 23.0 23.2 23.4 23.6 23.8 24.0 24.2 24.4 24.6 24.8 * CENTRE
DIAM   *   TO   TO   TO   TO   TO   TO   TO   TO   TO   TO * DIAM
CLASS  * 23.1 23.3 23.5 23.7 23.9 24.1 24.3 24.5 24.7 24.9 * CLASS
(MM)   *                                     * (MM)
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VOLUME CUBIC METRES

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1500-1519 * 41.19 41.55 41.90 42.26 42.62 42.98 43.34 43.70 44.05 44.41 * 1500-1519
1520-1539 * 42.29 42.65 43.02 43.39 43.76 44.12 44.49 44.86 45.23 45.60 * 1520-1539
1540-1559 * 43.40 43.78 44.15 44.53 44.91 45.29 45.66 46.04 46.42 46.80 * 1540-1559
1560-1579 * 44.53 44.91 45.30 45.69 46.08 46.46 46.85 47.24 47.62 48.01 * 1560-1579
1580-1599 * 45.67 46.07 46.46 46.86 47.26 47.65 48.05 48.45 48.84 49.24 * 1580-1599
*
1600-1619 * 46.82 47.23 47.64 48.05 48.45 48.86 49.27 49.67 50.08 50.49 * 1600-1619
1620-1639 * 47.99 48.41 48.83 49.25 49.66 50.08 50.50 50.92 51.33 51.75 * 1620-1639
1640-1659 * 49.18 49.61 50.03 50.46 50.89 51.32 51.75 52.17 52.60 53.03 * 1640-1659
1660-1679 * 50.38 50.82 51.26 51.69 52.13 52.57 53.01 53.45 53.88 54.32 * 1660-1679
1680-1699 * 51.59 52.04 52.49 52.94 53.39 53.84 54.28 54.73 55.18 55.63 * 1680-1699
*
1700-1719 * 52.82 53.28 53.74 54.20 54.66 55.12 55.58 56.04 56.50 56.96 * 1700-1719
1720-1739 * 54.06 54.53 55.00 55.47 55.94 56.41 56.88 57.36 57.83 58.30 * 1720-1739
1740-1759 * 55.32 55.80 56.28 56.76 57.25 57.73 58.21 58.69 59.17 59.65 * 1740-1759
1760-1779 * 56.59 57.09 57.58 58.07 58.56 59.05 59.55 60.04 60.53 61.02 * 1760-1779
1780-1799 * 57.88 58.38 58.89 59.39 59.89 60.40 60.90 61.40 61.91 62.41 * 1780-1799
*
1800-1819 * 59.18 59.69 60.21 60.72 61.24 61.75 62.27 62.78 63.30 63.81 * 1800-1819
1820-1839 * 60.50 61.02 61.55 62.07 62.60 63.13 63.65 64.18 64.70 65.23 * 1820-1839
1840-1859 * 61.82 62.36 62.90 63.44 63.98 64.51 65.05 65.59 66.13 66.66 * 1840-1859
1860-1879 * 63.17 63.72 64.27 64.82 65.37 65.92 66.46 67.01 67.56 68.11 * 1860-1879
1880-1899 * 64.53 65.09 65.65 66.21 66.77 67.33 67.89 68.45 69.02 69.58 * 1880-1899
*
1900-1919 * 65.90 66.47 67.05 67.62 68.19 68.77 69.34 69.91 70.48 71.06 * 1900-1919
1920-1939 * 67.29 67.87 68.46 69.04 69.63 70.21 70.80 71.38 71.97 72.55 * 1920-1939
1940-1959 * 68.69 69.29 69.88 70.48 71.08 71.68 72.27 72.87 73.47 74.06 * 1940-1959
1960-1979 * 70.11 70.71 71.32 71.93 72.54 73.15 73.76 74.37 74.98 75.59 * 1960-1979
1980-1999 * 71.54 72.16 72.78 73.40 74.02 74.65 75.27 75.89 76.51 77.13 * 1980-1999
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LOG LENGTH CLASS-METRES

CENTRE	* 23.0	23.2	23.4	23.6	23.8	24.0	24.2	24.4	24.6	24.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7	24.9	* CLASS
(MM)	*										* (MM)
	*										*
VOLUME CURIC METRES											
	*										*
2000-2049	* 74.1	74.7	75.4	76.0	76.7	77.3	77.9	78.6	79.2	79.9	* 2000-2049
2050-2099	* 77.8	78.5	79.1	79.8	80.5	81.2	81.8	82.5	83.2	83.9	* 2050-2099
2100-2149	* 81.6	82.3	83.0	83.7	84.4	85.1	85.8	86.5	87.2	88.0	* 2100-2149
2150-2199	* 85.5	86.2	86.9	87.7	88.4	89.2	89.9	90.7	91.4	92.1	* 2150-2199
2200-2249	* 89.4	90.2	91.0	91.8	92.5	93.3	94.1	94.9	95.7	96.4	* 2200-2249
	*										*
2250-2299	* 93.5	94.3	95.1	95.9	96.7	97.6	98.4	99.2	100.0	100.8	* 2250-2299
2300-2349	* 97.6	98.5	99.3	100.2	101.0	101.9	102.7	103.6	104.4	105.3	* 2300-2349
2350-2399	* 101.9	102.8	103.7	104.6	105.4	106.3	107.2	108.1	109.0	109.9	* 2350-2399
2400-2449	* 106.2	107.2	108.1	109.0	109.9	110.8	111.8	112.7	113.6	114.5	* 2400-2449
2450-2499	* 110.7	111.6	112.6	113.5	114.5	115.5	116.4	117.4	118.4	119.3	* 2450-2499
	*										*
2500-2549	* 115.2	116.2	117.2	118.2	119.2	120.2	121.2	122.2	123.2	124.2	* 2500-2549
2550-2599	* 119.8	120.8	121.9	122.9	123.9	125.0	126.0	127.1	128.1	129.2	* 2550-2599
2600-2649	* 124.5	125.6	126.6	127.7	128.8	129.9	131.0	132.0	133.1	134.2	* 2600-2649
2650-2699	* 129.3	130.4	131.5	132.6	133.8	134.9	136.0	137.1	138.3	139.4	* 2650-2699
2700-2749	* 134.1	135.3	136.5	137.6	138.8	140.0	141.1	142.3	143.5	144.6	* 2700-2749
	*										*
2750-2799	* 139.1	140.3	141.5	142.7	143.9	145.2	146.4	147.6	148.8	150.0	* 2750-2799
2800-2849	* 144.2	145.4	146.7	147.9	149.2	150.4	151.7	152.9	154.2	155.4	* 2800-2849
2850-2899	* 149.3	150.6	151.9	153.2	154.5	155.8	157.1	158.4	159.7	161.0	* 2850-2899
2900-2949	* 154.6	155.9	157.2	158.6	159.9	161.3	162.6	164.0	165.3	166.6	* 2900-2949
2950-2999	* 159.9	161.3	162.7	164.0	165.4	166.8	168.2	169.6	171.0	172.4	* 2950-2999
	*										*
3000-3049	* 165.3	166.7	168.2	169.6	171.0	172.5	173.9	175.4	176.8	178.2	* 3000-3049
3050-3099	* 170.8	172.3	173.8	175.3	176.7	178.2	179.7	181.2	182.7	184.2	* 3050-3099
3100-3149	* 176.4	177.9	179.5	181.0	182.5	184.1	185.6	187.1	188.7	190.2	* 3100-3149
3150-3199	* 182.1	183.7	185.3	186.8	188.4	190.0	191.6	193.2	194.8	196.3	* 3150-3199
3200-3249	* 187.9	189.5	191.1	192.8	194.4	196.0	197.7	199.3	200.9	202.6	* 3200-3249
	*										*

LOG LENGTH CLASS-METRES

CENTRE	* 23.0	23.2	23.4	23.6	23.8	24.0	24.2	24.4	24.6	24.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7	24.9	* CLASS
(MM)	*										(MM)

VOLUME CUBIC METRES

3250-3299	* 193.7	195.4	197.1	198.8	200.5	202.2	203.9	205.5	207.2	208.9	* 3250-3299
3300-3349	* 199.7	201.4	203.2	204.9	206.7	208.4	210.1	211.9	213.6	215.3	* 3300-3349
3350-3399	* 205.8	207.6	209.3	211.1	212.9	214.7	216.5	218.3	220.1	221.9	* 3350-3399
3400-3449	* 211.9	213.7	215.6	217.4	219.3	221.1	223.0	224.8	226.6	228.5	* 3400-3449
3450-3499	* 218.1	220.0	221.9	223.8	225.7	227.6	229.5	231.4	233.3	235.2	* 3450-3499
3500-3549	* 224.5	226.4	228.4	230.3	232.3	234.2	236.2	238.1	240.1	242.0	* 3500-3549
3550-3599	* 230.9	232.9	234.9	236.9	238.9	240.9	242.9	244.9	246.9	248.9	* 3550-3599
3600-3649	* 237.4	239.4	241.5	243.6	245.6	247.7	249.8	251.8	253.9	256.0	* 3600-3649
3650-3699	* 244.0	246.1	248.2	250.3	252.5	254.6	256.7	258.8	260.9	263.1	* 3650-3699
3700-3749	* 250.7	252.8	255.0	257.2	259.4	261.5	263.7	265.9	268.1	270.3	* 3700-3749
3750-3799	* 257.4	259.7	261.9	264.1	266.4	268.6	270.9	273.1	275.3	277.6	* 3750-3799
3800-3849	* 264.3	266.6	268.9	271.2	273.5	275.8	278.1	280.4	282.7	285.0	* 3800-3849
3850-3899	* 271.2	273.6	276.0	278.3	280.7	283.0	285.4	287.8	290.1	292.5	* 3850-3899
3900-3949	* 278.3	280.7	283.1	285.5	288.0	290.4	292.8	295.2	297.6	300.1	* 3900-3949
3950-3999	* 285.4	287.9	290.4	292.9	295.4	297.8	300.3	302.8	305.3	307.8	* 3950-3999
4000-4049	* 292.7	295.2	297.7	300.3	302.8	305.4	307.9	310.5	313.0	315.6	* 4000-4049
4050-4099	* 300.0	302.6	305.2	307.8	310.4	313.0	315.6	318.2	320.8	323.4	* 4050-4099
4100-4149	* 307.4	310.0	312.7	315.4	318.1	320.7	323.4	326.1	328.8	331.4	* 4100-4149
4150-4199	* 314.9	317.6	320.3	323.1	325.8	328.6	331.3	334.0	336.8	339.5	* 4150-4199
4200-4249	* 322.5	325.3	328.1	330.9	333.7	336.5	339.3	342.1	344.9	347.7	* 4200-4249
4250-4299	* 330.1	333.0	335.9	338.7	341.6	344.5	347.4	350.2	353.1	356.0	* 4250-4299
4300-4349	* 337.9	340.8	343.8	346.7	349.7	352.6	355.5	358.5	361.4	364.3	* 4300-4349
4350-4399	* 345.8	348.8	351.8	354.8	357.8	360.8	363.8	366.8	369.8	372.8	* 4350-4399
4400-4449	* 353.7	356.8	359.9	362.9	366.0	369.1	372.2	375.2	378.3	381.4	* 4400-4449
4450-4499	* 361.7	364.9	368.0	371.2	374.3	377.5	380.6	383.8	386.9	390.1	* 4450-4499

LOG LENGTH CLASS-METRES

CENTRE	* 23.0	23.2	23.4	23.6	23.8	24.0	24.2	24.4	24.6	24.8	* CENTRE
DIAM	* TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	* DIAM
CLASS	* 23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7	24.9	* CLASS
(MM)	*										* (MM)

VOLUME CUBIC METRES											

4500-4549	* 369.9	373.1	376.3	379.5	382.7	386.0	389.2	392.4	395.6	398.8	* 4500-4549
4550-4599	* 378.1	381.4	384.7	388.0	391.2	394.5	397.8	401.1	404.4	407.7	* 4550-4599
4600-4649	* 386.4	389.8	393.1	396.5	399.8	403.2	406.6	409.9	413.3	416.6	* 4600-4649
4650-4699	* 394.8	398.2	401.7	405.1	408.5	412.0	415.4	418.8	422.3	425.7	* 4650-4699
4700-4749	* 403.3	406.8	410.3	413.8	417.3	420.8	424.3	427.8	431.3	434.9	* 4700-4749

4750-4799	* 411.9	415.5	419.0	422.6	426.2	429.8	433.4	436.9	440.5	444.1	* 4750-4799
4800-4849	* 420.5	424.2	427.9	431.5	435.2	438.8	442.5	446.1	449.8	453.5	* 4800-4849
4850-4899	* 429.3	433.0	436.8	440.5	444.2	448.0	451.7	455.4	459.2	462.9	* 4850-4899
4900-4949	* 438.2	442.0	445.8	449.6	453.4	457.2	461.0	464.8	468.6	472.4	* 4900-4949
4950-4999	* 447.1	451.0	454.9	458.8	462.7	466.5	470.4	474.3	478.2	482.1	* 4950-4999

5000-5049	* 456.1	460.1	464.1	468.0	472.0	476.0	479.9	483.9	487.9	491.8	* 5000-5049
5050-5099	* 465.3	469.3	473.3	477.4	481.4	485.5	489.5	493.6	497.6	501.7	* 5050-5099
5100-5149	* 474.5	478.6	482.7	486.8	491.0	495.1	499.2	503.3	507.5	511.6	* 5100-5149
5150-5199	* 483.8	488.0	492.2	496.4	500.6	504.8	509.0	513.2	517.4	521.6	* 5150-5199
5200-5249	* 493.2	497.5	501.7	506.0	510.3	514.6	518.9	523.2	527.5	531.8	* 5200-5249

5250-5299	* 502.6	507.0	511.4	515.8	520.1	524.5	528.9	533.2	537.6	542.0	* 5250-5299
5300-5349	* 512.2	516.7	521.1	525.6	530.0	534.5	538.9	543.4	547.9	552.3	* 5300-5349
5350-5399	* 521.9	526.4	531.0	535.5	540.0	544.6	549.1	553.7	558.2	562.7	* 5350-5399
5400-5449	* 531.6	536.3	540.9	545.5	550.1	554.8	559.4	564.0	568.6	573.2	* 5400-5449
5450-5499	* 541.5	546.2	550.9	555.6	560.3	565.0	569.7	574.4	579.2	583.9	* 5450-5499

5500-5549	* 551.4	556.2	561.0	565.8	570.6	575.4	580.2	585.0	589.8	594.6	* 5500-5549
5550-5599	* 561.4	566.3	571.2	576.1	581.0	585.9	590.7	595.6	600.5	605.4	* 5550-5599
5600-5649	* 571.6	576.5	581.5	586.5	591.4	596.4	601.4	606.4	611.3	616.3	* 5600-5649
5650-5699	* 581.8	586.8	591.9	596.9	602.0	607.1	612.1	617.2	622.2	627.3	* 5650-5699
5700-5749	* 592.1	597.2	602.4	607.5	612.7	617.8	623.0	628.1	633.3	638.4	* 5700-5749

WEIGHTS AND STRENGTHS OF W.A. TIMBERS

SPECIES.	WEIGHT PER CUBIC METRE		MODULUS OF RUPTURE AT 12% MOISTURE kg.
	<u>GREEN</u> kg	<u>DRY</u> kg	
Jarrah	1089.26	832.26	7348*
Karri	1153.33	913.05	8709*
Tuart	1249.44	1041.20	8210*
Wandoo	1265.46	1105.28	9344*
Blackbutt	1105.28	848.98	6486*
Red Tingle	1169.35	784.91	6441*
Yellow Tingle	1185.37	993.15	8800*
Marri (Red Gum)	1153.33	865.00	8255*
Brown Mallet	1121.30	977.13	11793*
Pinus radiata	897.04	480.56	4037*
Pinus pinaster.	1041.20	592.68	6137*
Douglas Fir (Oregon- imported)	624.72	528.61	5307*
Yate	1265.46	1137.31	9752*
York Gum	1233.42	1073.24	6350@
Salmon Gum	1121.30	1057.22	8845@
Morrell	1169.35	1025.18	7257@
Coolibah	-	1313.52	7874@
Sheoak	961.11	832.96	5443@
Banksia	945.09	560.65	4672@
Raspberry Jam	1169.35	993.15	6940@
Swamp Oak.	1217.41	1041.20	9367@
Native Pear.	897.04	736.85	3479@
Karri Sheoak.	1025.18	704.81	4091@

Conversion Factors used: } Forests Department
 1lb./cu.ft. = 16.0185 kg/m³ }
 1lb. = 0.45359 kg } "Metric Notes" No.4

Note: * Modulus of Rupture from modern tests by C.S.I.R.O

Note: @ Modulus of Rupture from early tests by Julius.

