

How to use this table: Locate the row with the desired ring size, and then read across to the column with the correct material thickness. Example: A size 6¾ ring made from a 1.6 mm thick material requires a blank which is 58.4 mm long. In general, add 0.5 mm to the length of blanks wider than 4 mm.

TABLE A-7: Length of Ring Blanks (mm)

U.S. size	Metric size	Diameter	Thickness in mm (B&S Gauge in parentheses)											
			2.6 (10)	2.4	2.2	2.1 (12)	2.0	1.8	1.6 (14)	1.4	1.3 (16)	1.2	1 (18)	0.8 (20)
1	39.0	12.4	47.2	46.5	45.9	45.6	45.3	44.7	44.0	43.4	43.1	42.8	42.1	41.5
1¼	39.6	12.6	47.8	47.1	46.5	46.2	45.9	45.3	44.6	44.0	43.7	43.4	42.7	42.1
1½	40.2	12.8	48.4	47.7	47.1	46.8	46.5	45.9	45.2	44.6	44.3	44.0	43.3	42.7
1¾	40.8	13.0	49.0	48.3	47.7	47.4	47.1	46.5	45.8	45.2	44.9	44.6	43.9	43.3
2	41.5	13.2	49.7	49.0	48.4	48.1	47.8	47.2	46.5	45.9	45.6	45.3	44.6	44.0
2¼	42.1	13.4	50.3	49.6	49.0	48.7	48.4	47.8	47.1	46.5	46.2	45.9	45.2	44.6
2½	42.7	13.6	50.9	50.2	49.6	49.3	49.0	48.4	47.7	47.1	46.8	46.5	45.8	45.2
2¾	43.4	13.8	51.6	50.9	50.3	50.0	49.7	49.1	48.4	47.8	47.5	47.2	46.5	45.9
3	44.0	14.0	52.2	51.5	50.9	50.6	50.3	49.7	49.0	48.4	48.1	47.8	47.1	46.5
3¼	44.6	14.2	52.8	52.1	51.5	51.2	50.9	50.3	49.6	49.0	48.7	48.4	47.7	47.1
3½	45.2	14.4	53.4	52.7	52.1	51.8	51.5	50.9	50.2	49.6	49.3	49.0	48.3	47.7
3¾	45.9	14.6	54.1	53.4	52.8	52.5	52.2	51.6	50.9	50.3	50.0	49.7	49.0	48.4
4	46.5	14.8	54.7	54.0	53.4	53.1	52.8	52.2	51.5	50.9	50.6	50.3	49.6	49.0
4¼	47.1	15.0	55.3	54.6	54.0	53.7	53.4	52.8	52.1	51.5	51.2	50.9	50.2	49.6
4½	47.8	15.2	56.0	55.3	54.7	54.4	54.1	53.5	52.8	52.2	51.9	51.6	50.9	50.3
4¾	48.4	15.4	56.6	55.9	55.3	55.0	54.7	54.1	53.4	52.8	52.5	52.2	51.5	50.9
5	49.0	15.6	57.2	56.5	55.9	55.6	55.3	54.7	54.0	53.4	53.1	52.8	52.1	51.5
5¼	49.6	15.8	57.8	57.1	56.5	56.2	55.9	55.3	54.6	54.0	53.7	53.4	52.7	52.1
5½	50.3	16.0	58.5	57.8	57.2	56.9	56.6	56.0	55.3	54.7	54.4	54.1	53.4	52.8
5¾	50.9	16.2	59.1	58.4	57.8	57.5	57.2	56.6	55.9	55.3	55.0	54.7	54.0	53.4
6	51.5	16.4	59.7	59.0	58.4	58.1	57.8	57.2	56.5	55.9	55.6	55.3	54.6	54.0
6¼	52.2	16.6	60.4	59.7	59.1	58.8	58.5	57.9	57.2	56.6	56.3	56.0	55.3	54.7
6½	52.8	16.8	61.0	60.3	59.7	59.4	59.1	58.5	57.8	57.2	56.9	56.6	55.9	55.3
6¾	53.4	17.0	61.6	60.9	60.3	60.0	59.7	59.1	58.4	57.8	57.5	57.2	56.5	55.9
7	54.0	17.2	62.2	61.5	60.9	60.6	60.3	59.7	59.0	58.4	58.1	57.8	57.1	56.5
7¼	54.7	17.4	62.9	62.2	61.6	61.3	61.0	60.4	59.7	59.1	58.8	58.5	57.8	57.2
7½	55.3	17.6	63.5	62.8	62.2	61.9	61.6	61.0	60.3	59.7	59.4	59.1	58.4	57.8
7¾	55.9	17.8	64.1	63.4	62.8	62.5	62.2	61.6	60.9	60.3	60.0	59.7	59.0	58.4

TABLE A-7: Length of Ring Blanks (mm) (continued)

U. S. size	Metric size	Diameter	Thickness in mm (B&S Gauge in parentheses)											
			2.6 (10)	2.4	2.2	2.1 (12)	2.0	1.8	1.6 (14)	1.4	1.3 (16)	1.2	1 (18)	0.8 (20)
8	56.6	18.0	64.8	64.1	63.5	63.2	62.9	62.3	61.6	61.0	60.7	60.4	59.7	59.1
8¼	57.2	18.2	65.4	64.7	64.1	63.8	63.5	62.9	62.2	61.6	61.3	61.0	60.3	59.7
8½	57.8	18.4	66.0	65.3	64.7	64.4	64.1	63.5	62.8	62.2	61.9	61.6	60.9	60.3
8¾	58.4	18.6	66.6	65.9	65.3	65.0	64.7	64.1	63.4	62.8	62.5	62.2	61.5	60.9
9	59.1	18.8	67.3	66.6	66.0	65.7	65.4	64.8	64.1	63.5	63.2	62.9	62.2	61.6
9¼	59.7	19.0	67.9	67.2	66.6	66.3	66.0	65.4	64.7	64.1	63.8	63.5	62.8	62.2
9½	60.3	19.2	68.5	67.8	67.2	66.9	66.6	66.0	65.3	64.7	64.4	64.1	63.4	62.8
9¾	60.9	19.4	69.1	68.4	67.8	67.5	67.2	66.6	65.9	65.3	65.0	64.7	64.0	63.4
10	61.6	19.6	69.8	69.1	68.5	68.2	67.9	67.3	66.6	66.0	65.7	65.4	64.7	64.1
10¼	62.2	19.8	70.4	69.7	69.1	68.8	68.5	67.9	67.2	66.6	66.3	66.0	65.3	64.7
10½	62.8	20.0	71.0	70.3	69.7	69.4	69.1	68.5	67.8	67.2	66.9	66.6	65.9	65.3
10¾	63.5	20.2	71.7	71.0	70.4	70.1	69.8	69.2	68.5	67.9	67.6	67.3	66.6	66.0
11	64.1	20.4	72.3	71.6	71.0	70.7	70.4	69.8	69.1	68.5	68.2	67.9	67.2	66.6
11¼	64.7	20.6	72.9	72.2	71.6	71.3	71.0	70.4	69.7	69.1	68.8	68.5	67.8	67.2
11½	65.3	20.8	73.5	72.8	72.2	71.9	71.6	71.0	70.3	69.7	69.4	69.1	68.4	67.8
11¾	66.0	21.0	74.2	73.5	72.9	72.6	72.3	71.7	71.0	70.4	70.1	69.8	69.1	68.5
12	66.6	21.2	74.8	74.1	73.5	73.2	72.9	72.3	71.6	71.0	70.7	70.4	69.7	69.1
12¼	67.2	21.4	75.4	74.7	74.1	73.8	73.5	72.9	72.2	71.6	71.3	71.0	70.3	69.7
12½	67.9	21.6	76.1	75.4	74.8	74.5	74.2	73.6	72.9	72.3	72.0	71.7	71.0	70.4
12¾	68.5	21.8	76.7	76.0	75.4	75.1	74.8	74.2	73.5	72.9	72.6	72.3	71.6	71.0
13	69.1	22.0	77.3	76.6	76.0	75.7	75.4	74.8	74.1	73.5	73.2	72.9	72.2	71.6
13¼	70.7	22.5	78.9	78.2	77.6	77.3	77.0	76.4	75.7	75.1	74.8	74.5	73.8	73.2
13½	71.3	22.7	79.5	78.8	78.2	77.9	77.6	77.0	76.3	75.7	75.4	75.1	74.4	73.8
13¾	72.0	22.9	80.2	79.5	78.9	78.6	78.3	77.7	77.0	76.4	76.1	75.8	75.1	74.5
14	72.6	23.1	80.8	80.1	79.5	79.2	78.9	78.3	77.6	77.0	76.7	76.4	75.7	75.1