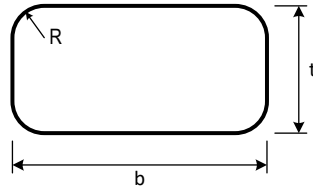


International Residential Code | Acceptable Rectangular Handrail Sizes¹



Imperial Units			
Thickness [t] (in)	Radius [r] (in)	Min Width [b] (in)	Max Width [b] (in)
1	0.01	1	2
	1/8	1 1/8	2 1/16
	1/4	1 1/4	2 1/8
	3/8	1 3/8	2 3/16
	1/2	1 7/16	2 1/4
1 1/16	0.01	15/16	1 15/16
	1/8	1 1/16	2 1/16
	1/4	1 3/16	2 1/8
	3/8	1 5/16	2 3/16
	1/2	1 3/8	2 3/16
1 1/8	0.01	7/8	1 15/16
	1/8	1	2
	1/4	1 1/8	2 1/8
	3/8	1 1/4	2 3/16
	1/2	1 5/16	2 3/16
1 3/16	0.01	13/16	1 7/8
	1/8	15/16	2
	1/4	1 1/16	2 1/16
	3/8	1 3/16	2 1/8
	1/2	1 1/4	2 3/16
1 1/4	0.01	3/4	1 13/16
	1/8	7/8	1 15/16
	1/4	1	2 1/16
	3/8	1 1/8	2 1/8
	1/2	1 3/16	2 3/16
1 5/16	0.01	11/16	1 13/16
	1/8	13/16	1 7/8
	1/4	15/16	2
	3/8	1 1/16	2 1/8
	1/2	1 1/8	2 3/16
1 3/8	0.01	5/8	1 3/4
	1/8	3/4	1 13/16
	1/4	7/8	1 15/16
	3/8	1	2 1/16
	1/2	1 1/16	2 1/8
1 7/16	0.01	9/16	1 11/16
	1/8	11/16	1 3/4
	1/4	13/16	1 7/8
	3/8	15/16	2
	1/2	1	2 1/16
1 1/2	0.01	1/2	1 5/8
	1/8	5/8	1 11/16
	1/4	3/4	1 13/16
	3/8	7/8	1 15/16
	1/2	1	2
1 9/16	0.01	7/16	1 9/16
	1/8	9/16	1 5/8
	1/4	11/16	1 3/4
	3/8	13/16	1 7/8
	1/2	1	1 15/16
1 5/8	0.01	3/8	1 1/2
	1/8	1/2	1 9/16
	1/4	5/8	1 11/16
	3/8	3/4	1 13/16
	1/2	1	1 7/8

Metric Units			
Thickness [t] (mm)	Radius [r] (mm)	Min Width [b] (mm)	Max Width [b] (mm)
25	0.25	26	51
	3	29	53
	6	32	55
	9	34	56
	12	37	56
27	0.25	24	50
	3	27	52
	6	30	54
	9	32	55
	12	35	56
29	0.25	22	49
	3	25	51
	6	28	53
	9	30	55
	12	33	56
31	0.25	20	47
	3	23	50
	6	26	52
	9	28	54
	12	31	56
33	0.25	18	46
	3	21	49
	6	24	51
	9	26	54
	12	29	55
35	0.25	16	44
	3	19	47
	6	22	50
	9	24	53
	12	27	55
37	0.25	14	43
	3	17	46
	6	20	49
	9	22	52
	12	25	54
39	0.25	12	41
	3	15	44
	6	18	48
	9	20	50
	12	24	53
41	0.25	10	39
	3	13	43
	6	16	46
	9	18	49
	12	24	52
43	0.25	8	37
	3	11	41
	6	14	44
	9	18	47
	12	24	50
45	0.25	6	34
	3	9	38
	6	12	42
	9	18	46
	12	24	49

¹Type I handrail requirements are consistent with International Residential Code, §R311, 2006 through 2021 editions.