

MPS Recommended Target Size Table (cm)

For 22LR Precision Rifle Competition

Use this table to find recommended target size, in centimeters, based on desired distance.

	Mils															
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	
20	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	22
25	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	3.3	3.5	3.8	27
30	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	33
35	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.6	4.9	5.3	38
40	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	44
45	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5	5.0	5.4	5.9	6.3	6.8	49
50	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	55
55	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.4	5.0	5.5	6.1	6.6	7.2	7.7	8.3	60
60	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	66
65	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.9	6.5	7.2	7.8	8.5	9.1	9.8	71
70	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	11	77
75	0.8	1.5	2.3	3.0	3.8	4.5	5.3	6.0	6.8	7.5	8.3	9.0	9.8	11	11	82
80	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0	8.8	9.6	10	11	12	87
85	0.9	1.7	2.6	3.4	4.3	5.1	6.0	6.8	7.7	8.5	9.4	10	11	12	13	93
90	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9.0	10	11	12	13	14	98
95	1.0	1.9	2.9	3.8	4.8	5.7	6.7	7.6	8.6	9.5	10	11	12	13	14	104
100	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10	11	12	13	14	15	109
105	1.1	2.1	3.2	4.2	5.3	6.3	7.4	8.4	9.5	11	12	13	14	15	16	115
110	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8	9.9	11	12	13	14	15	17	120
115	1.2	2.3	3.5	4.6	5.8	6.9	8.1	9.2	10	12	13	14	15	16	17	126
120	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	11	12	13	14	16	17	18	131
125	1.3	2.5	3.8	5.0	6.3	7.5	8.8	10	11	13	14	15	16	18	19	137
130	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10	12	13	14	16	17	18	20	142
135	1.4	2.7	4.1	5.4	6.8	8.1	9.5	11	12	14	15	16	18	19	20	148
140	1.4	2.8	4.2	5.6	7.0	8.4	9.8	11	13	14	15	17	18	20	21	153
145	1.5	2.9	4.4	5.8	7.3	8.7	10	12	13	15	16	17	19	20	22	159
150	1.5	3.0	4.5	6.0	7.5	9.0	11	12	14	15	17	18	20	21	23	164
155	1.6	3.1	4.7	6.2	7.8	9.3	11	12	14	16	17	19	20	22	23	170
160	1.6	3.2	4.8	6.4	8.0	9.6	11	13	14	16	18	19	21	22	24	175
165	1.7	3.3	5.0	6.6	8.3	9.9	12	13	15	17	18	20	21	23	25	180
170	1.7	3.4	5.1	6.8	8.5	10	12	14	15	17	19	20	22	24	26	186
175	1.8	3.5	5.3	7.0	8.8	11	12	14	16	18	19	21	23	25	26	191
180	1.8	3.6	5.4	7.2	9.0	11	13	14	16	18	20	22	23	25	27	197
185	1.9	3.7	5.6	7.4	9.3	11	13	15	17	19	20	22	24	26	28	202
190	1.9	3.8	5.7	7.6	9.5	11	13	15	17	19	21	23	25	27	29	208
195	2.0	3.9	5.9	7.8	9.8	12	14	16	18	20	21	23	25	27	29	213
200	2.0	4.0	6.0	8.0	10	12	14	16	18	20	22	24	26	28	30	219
205	2.1	4.1	6.2	8.2	10	12	14	16	18	21	23	25	27	29	31	224
210	2.1	4.2	6.3	8.4	11	13	15	17	19	21	23	25	27	29	32	230
215	2.2	4.3	6.5	8.6	11	13	15	17	19	22	24	26	28	30	32	235
220	2.2	4.4	6.6	8.8	11	13	15	18	20	22	24	26	29	31	33	241
225	2.3	4.5	6.8	9.0	11	14	16	18	20	23	25	27	29	32	34	246
	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4	3.8	4.13	4.5	4.8	5.2	
MOA																

	- Match Design -					
Match Difficulty	Hard	Normal			Easy	
Shooter Skill Level	Advanced	Intermediate			Beginner	
	- Stage Design -					
Shooting Position	Prone	Stable Prop			Unstable Prop	
Stage Complexity	Few Stressors			Many Stressors		
	- Wind Forecast -					
Average Wind Speed (m/s)	0	2	3	4	5	7 9+
MPS Wind Target (width)	1x		1.5x		2x	



Note: Scales pertain to the average target size. Feel free to use smaller and larger sizes than average.