

SightSet Smallbore Rifle/Pistol/Air-Rifle/Air-Pistol Click Adjustment Mapping



Designated Range	Required Adjustment Setting	SightSet Exact Match	SightSet Near Match	Near Match % difference	Click Count Error at designated range
					2"/5cm displacement
10m	0.4mm @ 10m	0.4cm @ 100m			
	0.5mm @ 10m	0.5cm @ 100m			
	0.6mm @ 10m	0.6cm @ 100m			
	1.0mm @ 10m	1cm @ 100m			
	1.2mm @ 10m		1.25cm @ 100m	104%	-2
	1.38mm @ 10m		1/2" @ 100yd	101%	<1
	1.5mm @ 10m	1.5cm @ 100m			
	1.8mm @ 10m		1/3" @ 100yd	108%	-2
	2.0mm @ 10m	2cm @ 100m			
	2.4mm @ 10m		2.8cm @ 100m	117%	-3
	2.76mm @ 10m		2.8cm @ 100m	101%	<1
	3mm @ 10m		1 MOA	97%	<1
	5.5mm @ 10m	No suitable settings			
	6.25mm @ 10m	No suitable settings			
	9mm @ 10m	No suitable settings			
	0.054" @ 10m		1/2" @ 100yd	101%	-1
0.077" @ 10m		2/3 MOA	99%	<1	
					4"/10cm displacement
20m	7.5mm @ 20m		3.5cm @ 100m	93%	+1
					4"/10cm displacement
25 yd	1/4" @ 25 yd		2.8cm @ 100m	101%	<1
	3/8" @ 25 yd	No suitable settings			
					4"/10cm displacement
25m	5mm @ 25m	2cm @ 100m			
	5.5mm @ 25m		2cm @ 100m	91%	+2
	6.5mm @ 25m		2.8cm @ 100m	108%	-1
	7mm @ 25m	2.8cm @ 100m			
	8mm @ 25m		1 MOA	91%	+1
	8.5mm @ 25m		3.5cm @ 100m	103%	-1
	9mm @ 25m		3.5cm @ 100m	97%	<1
	12.5mm @ 25m	No suitable settings			
	13mm @ 25m	No suitable settings			
	14mm @ 25m	No suitable settings			
	15mm @ 25m	No suitable settings			
	24mm @ 25m	No suitable settings			
					8"/20cm displacement
50m	2mm @ 50m	0.4cm @ 100m			
	2.5mm @ 50m	0.5cm @ 100m			
	6mm @ 50m		1.5cm @ 100m	104%	-4
	10mm @ 50m	2cm @ 100m			
					16"/40cm displacement
100m	2.0mm @ 100m	0.2cm @ 100m			
	3.2mm @ 100m	0.32cm @ 100m			
	4.0mm @ 100m	0.4cm @ 100m			
	6.4mm @ 100m	0.64cm @ 100m			

The Displacement value equates to around half the width of a standard target used at the designated range.

Click count error is the number of clicks over/under that the "Near Match" setting would suggest based on observed shots being displaced from the target centre by the indicated amount at the designated range.

Example: The nearest match for a click setting of 1.2mm @ 10m is 1.25cm @ 100m. With the correct setting, 5cm displacement at a range of 10m would be corrected in 42 clicks. The suggested adjustment with the nearest match is 40 clicks. So, the nearest match understates the clicks required for a 5cm adjustment at 10m range by 2 clicks.