

MRAD

ABDECKMASSE / SUBTENSION DIMENSION / COTES DE RECOUVREMENT / MISURE DEL RETICOLO / DIMENSIONES DE COBERTURA DE LAS RETÍCULAS /
AFDEKMATEN / TÄCKMÅTT / TÄHTÄYSMITAT / AFDÆKNINGSMÅL / ПРОПОРЦИИ

Determining distance to the target

You first must know the size of the target you are trying to determine distance to.

The following formula will work in metric or imperial:

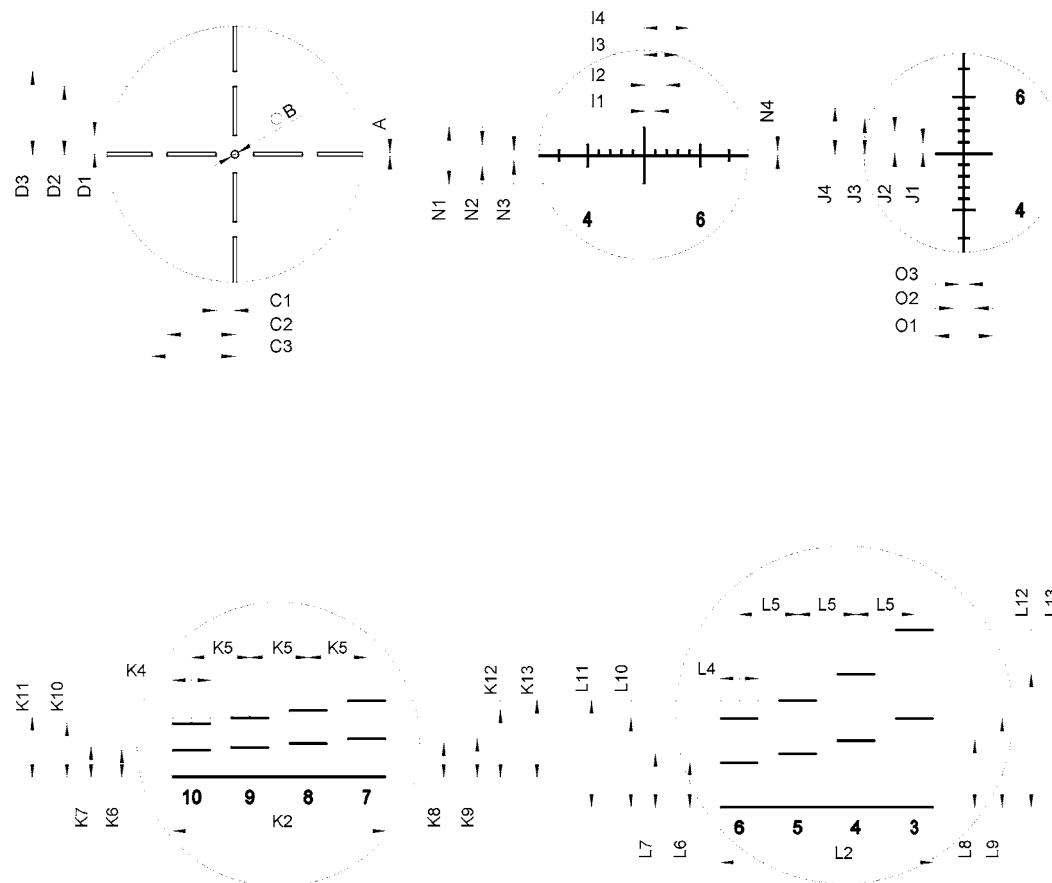
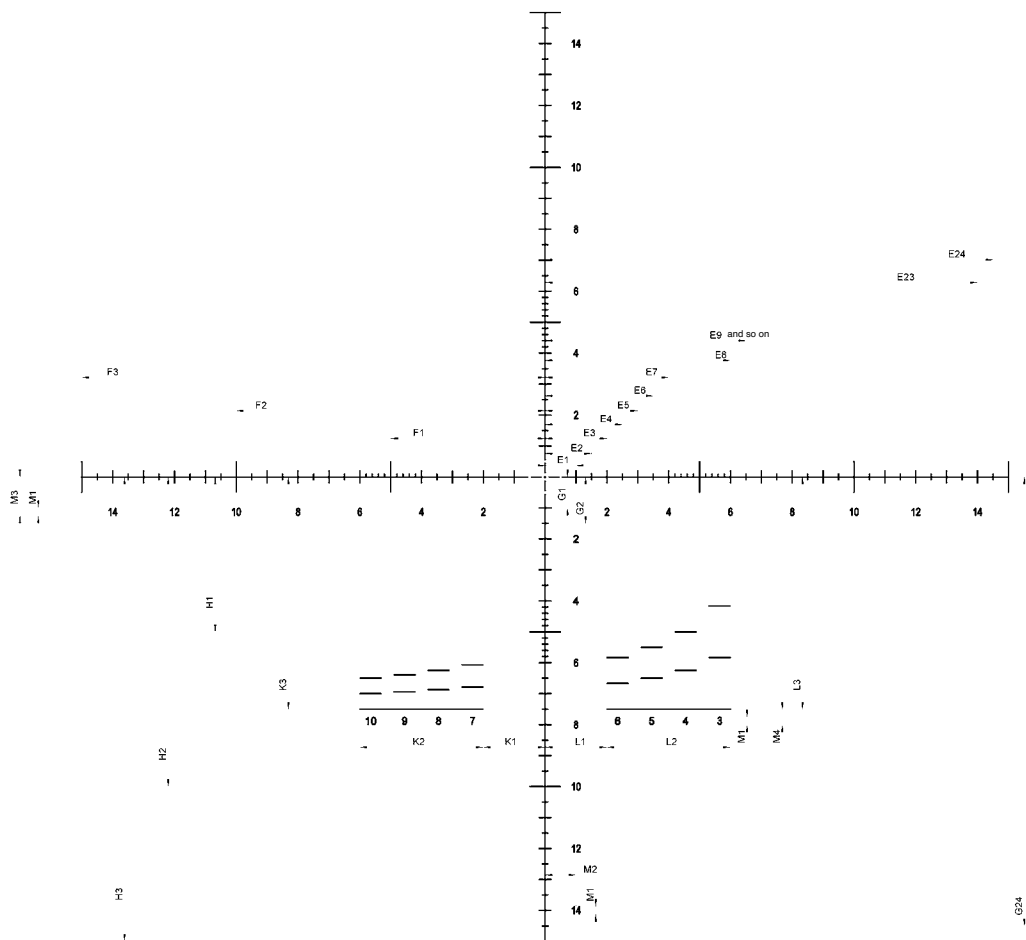
$$\text{Distance in meter/yards} = \frac{(\text{known size of target in meter/yards} \times 1,000)}{\text{number of MILS covering the target}}$$

Determining size of the target

You first must know the distance to the target in case you are trying to determine the size of it.

The following formula will work in metric or imperial:

$$\text{Size of the target} = \frac{(\text{distance to the target in meter/yards} \times \text{number of MILS covering the target})}{1,000}$$



	MRAD	MOA	m/1,000 m	in/1,000 yds
A	0.03	0.10	0.03	1.08
B	0.05	0.20	0.05	1.8
C1	0.13	0.40	0.13	4.7
C2	0.45	1.50	0.45	16.2
C3	0.55	1.90	0.55	19.8
D1	0.13	0.40	0.13	4.7
D2	0.45	1.50	0.45	16.2
D3	0.55	1.90	0.55	19.8
E1	1.0	3.4	1.0	36
E2	1.5	5.2	1.5	54
E3 = G3	2.0	6.9	2.0	72
E4 = G4	2.5	8.6	2.5	90
E5 = G5	3.0	10.3	3.0	108
E6 = G6	3.5	12.0	3.5	126
E7 = G7	4.0	13.8	4.0	144
E8 = G8	6.0	20.6	6.0	216
E9 = G9	6.5	22.3	6.5	234
E10 = G10	7.0	24.1	7.0	252
E11 = G11	7.5	25.8	7.5	270
E12 = G12	8.0	27.5	8.0	288
E13 = G13	8.5	29.2	8.5	306
E14 = G14	9.0	30.9	9.0	324
E15 = G15	9.5	32.7	9.5	342
E16 = G16	10.5	36.1	10.5	378
E17 = G17	11.0	37.8	11.0	396
E18 = G18	11.5	39.5	11.5	414
E19 = G19	12.0	41.3	12.0	432
E20 = G20	12.5	43.0	12.5	450
E21 = G21	13.0	44.7	13.0	468

	MRAD	MOA	m/1,000 m	in/1,000 yds
E22 = G22	13.5	46.4	13.5	486
E23 = G23	14.0	48.1	14.0	504
E24	14.5	49.9	14.5	522
F1	5.0	17.2	5.0	180
F2	10.0	34.4	10.0	360
F3	15.0	51.6	15.0	540
G1	1.0	3.4	1.0	36
G2	1.5	5.2	1.5	54
G24	14.5	49.9	14.5	522
H1	5.0	17.2	5.0	180
H2	10.0	34.4	10.0	360
H3	15.0	51.6	15.0	540
I1	0.2	0.7	0.2	7
I2	0.4	1.4	0.4	14
I3	0.6	2.1	0.6	22
I4	0.8	2.8	0.8	29
J1	0.2	0.7	0.2	7
J2	0.4	1.4	0.4	14
J3	0.6	2.1	0.6	22
J4	0.8	2.8	0.8	29
K1	2.0	6.9	2.0	72
K2	4.0	13.8	4.0	144
K3	7.5	25.8	7.5	270
K4	0.7	2.4	0.7	25
K5	1.1	3.8	1.1	40
K6	0.5	1.7	0.5	18
K7	0.6	2.1	0.6	22
K8	0.6	2.1	0.6	22
K9	0.7	2.4	0.7	25

	MRAD	MOA	m/1,000 m	in/1,000 yds
K10	1.0	3.4	1.0	36
K11	1.1	3.8	1.1	40
K12	1.3	4.5	1.3	47
K13	1.4	4.8	1.4	50
L1	2.0	6.9	2.0	72
L2	4.0	13.8	4.0	144
L3	7.5	25.8	7.5	270
L4	0.7	2.4	0.7	25
L5	1.1	3.8	1.1	40
L6	0.8	2.8	0.8	29
L7	1.0	3.4	1.0	36
L8	1.3	4.5	1.3	47
L9	1.7	5.8	1.7	61
L10	1.7	5.8	1.7	61
L11	2.0	6.9	2.0	72
L12	2.5	8.6	2.5	90
L13	3.3	11.3	3.3	119
M1	0.3	1.0	0.3	11
M2	1.0	3.4	1.0	36
M3	1.3	4.5	1.3	47
M4	0.5	1.7	0.5	18
N1	1.0	3.4	1.0	36
N2	0.4	1.4	0.4	14.4
N3	0.2	0.7	0.2	7.2
N4	0.1	0.3	0.1	3.6
O1	1.0	3.4	1.0	36
O2	0.4	1.4	0.4	14.4
O3	0.2	0.7	0.2	7.2

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