

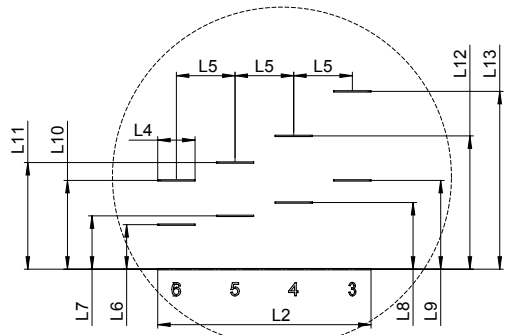
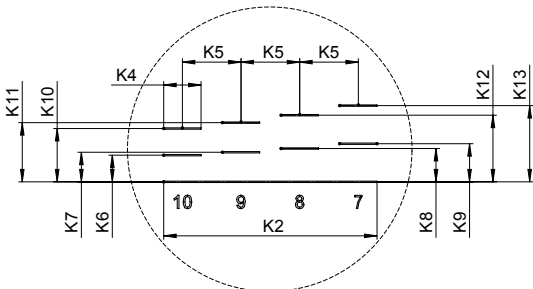
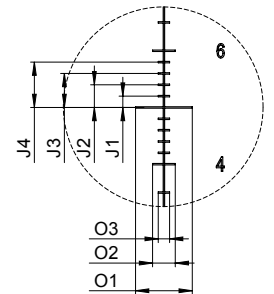
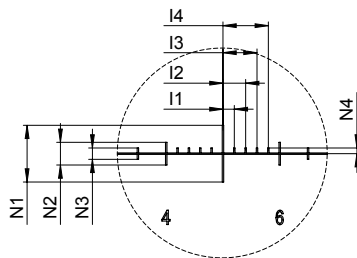
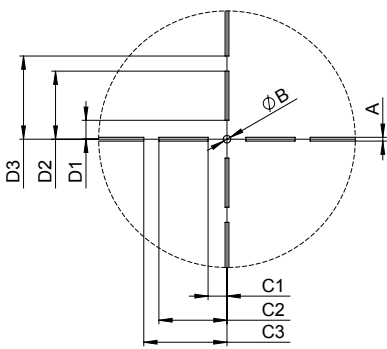
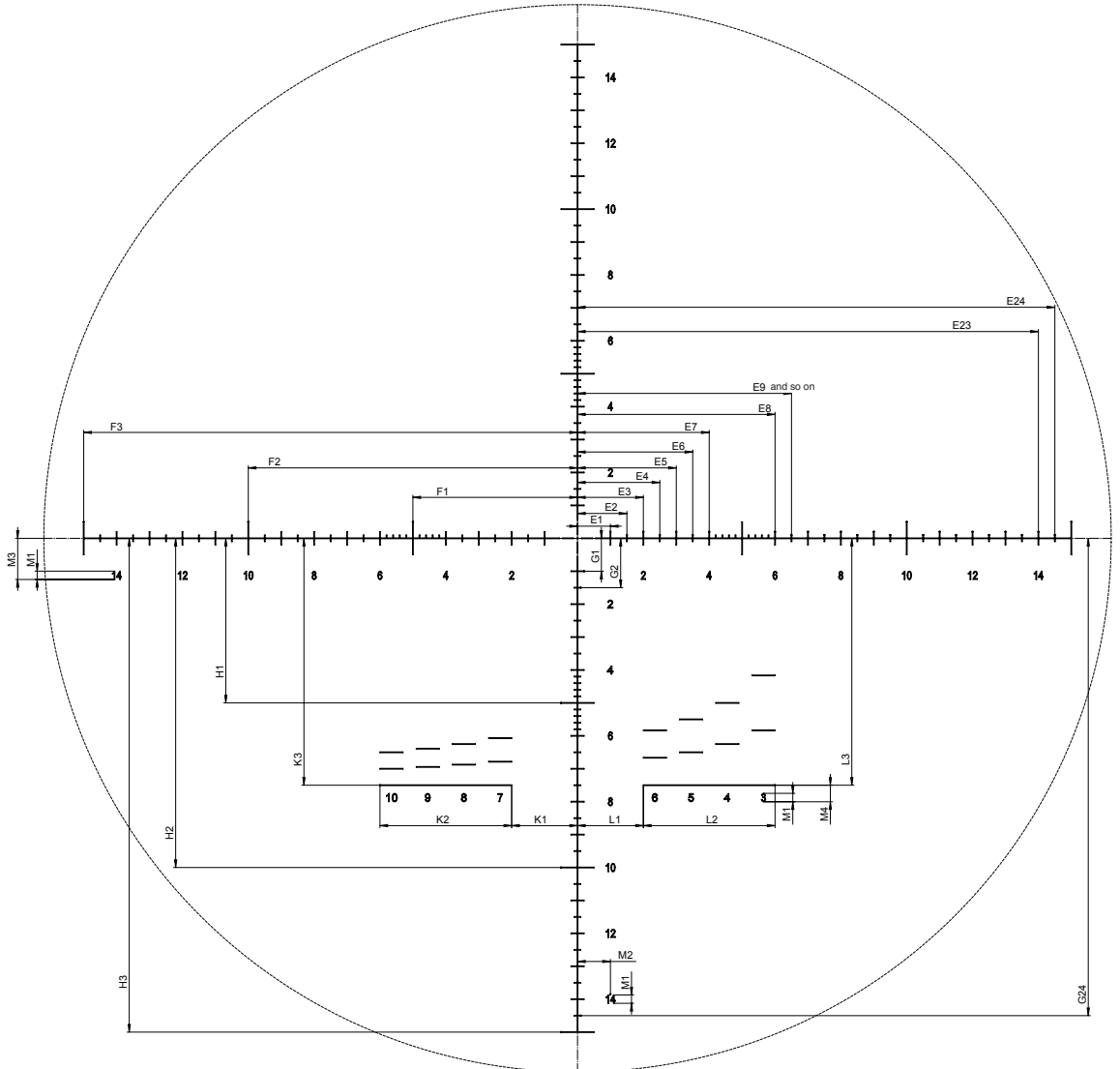
MRAD

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

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



	MRAD	MOA	m/1,000 m	in/1,000 yds		MRAD	MOA	m/1,000 m	in/1,000 yds
A	0.03	0.10	0.03	1.08	I3	0.6	2.1	0.6	22
B	0.05	0.20	0.05	1.8	I4	0.8	2.8	0.8	29
C1	0.13	0.40	0.13	4.7	J1	0.2	0.7	0.2	7
C2	0.45	1.50	0.45	16.2	J2	0.4	1.4	0.4	14
C3	0.55	1.90	0.55	19.8	J3	0.6	2.1	0.6	22
D1	0.13	0.40	0.13	4.7	J4	0.8	2.8	0.8	29
D2	0.45	1.50	0.45	16.2	K1	2.0	6.9	2.0	72
D3	0.55	1.90	0.55	19.8	K2	4.0	13.8	4.0	144
E1	1.0	3.4	1.0	36	K3	7.5	25.8	7.5	270
E2	1.5	5.2	1.5	54	K4	0.7	2.4	0.7	25
E3 = G3	2.0	6.9	2.0	72	K5	1.1	3.8	1.1	40
E4 = G4	2.5	8.6	2.5	90	K6	0.5	1.7	0.5	18
E5 = G5	3.0	10.3	3.0	108	K7	0.6	2.1	0.6	22
E6 = G6	3.5	12.0	3.5	126	K8	0.6	2.1	0.6	22
E7 = G7	4.0	13.8	4.0	144	K9	0.7	2.4	0.7	25
E8 = G8	6.0	20.6	6.0	216	K10	1.0	3.4	1.0	36
E9 = G9	6.5	22.3	6.5	234	K11	1.1	3.8	1.1	40
E10 = G10	7.0	24.1	7.0	252	K12	1.3	4.5	1.3	47
E11 = G11	7.5	25.8	7.5	270	K13	1.4	4.8	1.4	50
E12 = G12	8.0	27.5	8.0	288	L1	2.0	6.9	2.0	72
E13 = G13	8.5	29.2	8.5	306	L2	4.0	13.8	4.0	144
E14 = G14	9.0	30.9	9.0	324	L3	7.5	25.8	7.5	270
E15 = G15	9.5	32.7	9.5	342	L4	0.7	2.4	0.7	25
E16 = G16	10.5	36.1	10.5	378	L5	1.1	3.8	1.1	40
E17 = G17	11.0	37.8	11.0	396	L6	0.8	2.8	0.8	29
E18 = G18	11.5	39.5	11.5	414	L7	1.0	3.4	1.0	36
E19 = G19	12.0	41.3	12.0	432	L8	1.3	4.5	1.3	47
E20 = G20	12.5	43.0	12.5	450	L9	1.7	5.8	1.7	61
E21 = G21	13.0	44.7	13.0	468	L10	1.7	5.8	1.7	61
E22 = G22	13.5	46.4	13.5	486	L11	2.0	6.9	2.0	72
E23 = G23	14.0	48.1	14.0	504	L12	2.5	8.6	2.5	90
E24	14.5	49.9	14.5	522	L13	3.3	11.3	3.3	119
F1	5.0	17.2	5.0	180	M1	0.3	1.0	0.3	11
F2	10.0	34.4	10.0	360	M2	1.0	3.4	1.0	36
F3	15.0	51.6	15.0	540	M3	1.3	4.5	1.3	47
G1	1.0	3.4	1.0	36	M4	0.5	1.7	0.5	18
G2	1.5	5.2	1.5	54	N1	1.0	3.4	1.0	36
G24	14.5	49.9	14.5	522	N2	0.4	1.4	0.4	14.4
H1	5.0	17.2	5.0	180	N3	0.2	0.7	0.2	7.2
H2	10.0	34.4	10.0	360	N4	0.1	0.3	0.1	3.6
H3	15.0	51.6	15.0	540	O1	1.0	3.4	1.0	36
I1	0.2	0.7	0.2	7	O2	0.4	1.4	0.4	14.4
I2	0.4	1.4	0.4	14	O3	0.2	0.7	0.2	7.2

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