

	MIL DOT RETICLE			
	1	2	3	4
	Preset@ 16X	Preset@ 16X	Preset @24X	Preset @10X
1	NPT105060AG	NP41644MD	NP62444	NSTT41644
2	NPT105060AGIR	ND451450MDAO	NP83244	NSTT62456
3	NPT1250			NSTT52050
4	NPT41650			NSTT105060
5	NPT62456			
6	NPT62456AGIR			
7	NPT856			
8	NPTI856			
9	NPT83260AGIR			

Remark: For ND451450MDAO which is preset at 16X, please use the following equation to convert the ranging distance.

Distance= (Magnification at use / Mil-dot preset magnification) X Corresponding blue figure in the chart"@16X" or "@24X" depending on models.

Known Target Sizes(inches)

Inches	9	12	16	18	20	22	24	28	32	36	60	66	69	72
Meters	.229	.305	.406	.457	.508	.559	.61	.711	.813	.914	1.524	1.676	1.753	1.829
3/4	333.7	444.201	593	666.302	741.79	815.1	889.5	1037.2	1186	1333.7	2224.3	2445	2557	2668.49
1	250.55	333.698	445.3	500	555.8	611.6	667.4	777.9	888.4	1000	1667.4	1834	1918	2001.09
1 1/4	200.22	265.864	354.49	400.438	445.3	489.1	533.92	622.54	711.16	799.78	1334.8	1467	1537	1600.66
1 1/2	167.4	222.101	295.4	333.698	370.9	407	445.3	519.69	593	667.4	1111.6	1222	1279	1333.7
1 3/4	143.33	190.372	253.83	285.558	318.38	349	380.74	444.2	508.75	571.12	952.95	1047	1095	1143.33
2	124.73	167.396	222.1	248.359	277.9	306.3	334.79	389.5	444.2	501.09	834.79	917.9	959.5	1000
2 1/4	111.6	147.702	196.94	222.101	247.26	272.4	299.78	345.73	394.97	444.2	741.79	815.1	852.3	889.497
2 1/2	99.562	133.479	178.34	200.219	222.1	244	266.96	310.72	356.67	400.44	667.4	733	767	800.875
2 3/4	90.81	121.444	160.83	181.619	202.41	222.1	242.89	278.99	322.76	364.33	606.13	667.4	696.9	727.571
3	83.151	111.597	147.7	167.396	184.9	204.6	222.1	259.3	296.5	333.7	555.8	611.6	638.9	667.396
3 1/4	76.586	101.751	136.76	154.267	170.68	188.2	204.6	239.61	273.52	307.44	513.13	564.6	589.7	614.88
3 1/2	71.116	95.186	126.91	143.326	158.64	175.1	191.47	222.1	253.83	285.56	475.93	524.1	548.1	571.116
3 3/4	67.834	88.6214	118.16	133.479	147.7	163	178.34	206.78	237.42	266.96	445.3	489.1	510.9	532.823
4	63.457	83.151	110.5	124.726	138.95	153.2	166.3	194.75	222.1	250.55	416.85	458.4	479.2	500
4 1/4	59.081	78.7746	105.03	118.162	131.29	144.4	157.55	183.81	210.07	236.32	391.68	431.1	450.8	472.648
4 1/2	56.893	74.3982	100.66	111.597	124.73	135.7	148.8	172.87	196.94	223.19	369.8	407	426.7	446.389
4 3/4	52.516	70.0219	94.092	105.033	118.16	129.1	140.04	164.11	188.18	210.07	352.3	387.3	404.8	422.319
5	50.328	67.8337	89.716	100.656	111.6	122.5	133.48	157.55	179.43	201.31	332.6	367.6	382.9	400.438
5 1/4	48.14	63.4573	85.339	96.2801	105.03	116	126.91	148.8	170.68	190.37	319.47	350.1	365.4	380.744
5 1/2	45.952	61.2691	80.963	91.9037	100.66	111.6	122.54	142.23	161.93	181.62	304.16	332.6	350.1	365.427
5 3/4	43.764	59.081	76.586	87.5274	98.468	107.2	115.97	135.67	155.36	175.05	291.03	319.5	332.6	347.921
6	41.575	56.8928	73.304	83.151	94.092	102.8	111.6	131.29	148.8	168.49	277.9	306.3	321.7	332.604
6 1/4	41.575	52.5164	72.21	80.9628	89.716	98.47	107.22	124.73	142.23	159.74	266.96	293.2	308.5	321.663
6 1/2	39.387	52.5164	67.834	76.5864	87.527	94.09	102.84	120.35	137.86	155.36	256.02	282.3	295.4	308.534
6 3/4	38.293	50.3282	65.646	74.3982	83.151	91.9	100.66	115.97	133.48	148.8	247.26	273.5	284.5	295.405
7	37.199	48.14	63.457	72.2101	78.775	87.53	96.28	111.6	126.91	144.42	238.51	262.6	275.7	286.652
8	30.635	41.5755	56.893	63.4573	70.022	76.59	83.151	98.468	111.6	124.73	207.88	229.8	240.7	251.641
9	28.446	37.1991	50.328	56.8928	63.457	67.83	74.398	87.527	100.66	111.6	186	203.5	214.4	223.195
10	26.258	32.8228	43.764	50.3282	56.893	61.27	67.834	78.775	89.716	100.66	168.49	183.8	192.6	201.313
11	24.07	30.6346	39.387	45.9519	50.328	56.89	61.269	72.21	80.963	89.716	153.17	166.3	175.1	181.619
12	21.882	28.4464	37.199	41.5755	45.952	50.33	56.893	65.646	74.398	83.151	140.04	153.2	161.9	166.302
13	19.694	26.2582	35.011	39.3873	43.764	48.14	52.516	61.269	67.834	76.586	129.1	140	148.8	155.361
14	17.505	24.07	30.635	37.1991	39.387	43.76	48.14	56.893	63.457	72.21	120.35	131.3	137.9	142.232

Reticle Measurements(in mils)

For example, if the actual target you are aiming at is 36" tall and measures 3 mils at 16X magnification power, its range is 305 meters (or about 333 yds).

Known Target Sizes(inches)

Inches=	9	12	16	18	20	22	24	28	32	36	60	66	69	72
Meters=	.229	.305	.406	.457	.508	.559	.61	.711	.813	.914	1.524	1.676	1.753	1.829
3/4	333.7	444.2	593	666.3	741.79	815.1	889.5	1037	1186	1333.7	2224.3	2445.3	2557	2668
1	250.55	333.7	445.3	500	555.8	611.6	667.4	777.9	888.4	1000	1667.4	1833.7	1918	2001
1 1/4	200.22	265.86	354.49	400.44	445.3	489.06	533.92	622.5	711.16	799.781	1334.8	1467.2	1537	1601
1 1/2	167.4	222.1	295.4	333.7	370.9	407	445.3	519.7	593	667.396	1111.6	1222.1	1279	1334
1 3/4	143.33	190.37	253.83	285.56	318.38	349.02	380.74	444.2	508.75	571.116	952.95	1047	1095	1143
2	124.73	167.4	222.1	248.36	277.9	306.35	334.79	389.5	444.2	501.094	834.79	917.94	959.5	1000
2 1/4	111.6	147.7	196.94	222.1	247.26	272.43	299.78	345.7	394.97	444.201	741.79	815.1	852.3	889.5
2 1/2	99.562	133.48	178.34	200.22	222.1	243.98	266.96	310.7	356.67	400.438	667.4	733.04	767	800.9
2 3/4	90.81	121.44	160.83	181.62	202.41	222.1	242.89	279	322.76	364.333	606.13	667.4	696.9	727.6
3	83.151	111.6	147.7	167.4	184.9	204.6	222.1	259.3	296.5	333.698	555.8	611.6	638.9	667.4
3 1/4	76.586	101.75	136.76	154.27	170.68	188.18	204.6	239.6	273.52	307.44	513.13	564.55	589.7	614.9
3 1/2	71.116	95.186	126.91	143.33	158.64	175.05	191.47	222.1	253.83	285.558	475.93	524.07	548.1	571.1
3 3/4	67.834	88.621	118.16	133.48	147.7	163.02	178.34	206.8	237.42	266.958	445.3	489.06	510.9	532.8
4	63.457	83.151	110.5	124.73	138.95	153.17	166.3	194.7	222.1	250.547	416.85	458.42	479.2	500
4 1/4	59.081	78.775	105.03	118.16	131.29	144.42	157.55	183.8	210.07	236.324	391.68	431.07	450.8	472.6
4 1/2	56.893	74.398	100.66	111.6	124.73	135.67	148.8	172.9	196.94	223.195	369.8	407	426.7	446.4
4 3/4	52.516	70.022	94.092	105.03	118.16	129.1	140.04	164.1	188.18	210.066	352.3	387.31	404.8	422.3
5	50.328	67.834	89.716	100.66	111.6	122.54	133.48	157.5	179.43	201.313	332.6	367.61	382.9	400.4
5 1/4	48.14	63.457	85.339	96.28	105.03	115.97	126.91	148.8	170.68	190.372	319.47	350.11	365.4	380.7
5 1/2	45.952	61.269	80.963	91.904	100.66	111.6	122.54	142.2	161.93	181.619	304.16	332.6	350.1	365.4
5 3/4	43.764	59.081	76.586	87.527	98.468	107.22	115.97	135.7	155.36	175.055	291.03	319.47	332.6	347.9
6	41.575	56.893	73.304	83.151	94.092	102.84	111.6	131.3	148.8	168.49	277.9	306.35	321.7	332.6
6 1/4	41.575	52.516	72.21	80.963	89.716	98.468	107.22	124.7	142.23	159.737	266.96	293.22	308.5	321.7
6 1/2	39.387	52.516	67.834	76.586	87.527	94.092	102.84	120.4	137.86	155.361	256.02	282.28	295.4	308.5
6 3/4	38.293	50.328	65.646	74.398	83.151	91.904	100.66	116	133.48	148.796	247.26	273.52	284.5	295.4
7	37.199	48.14	63.457	72.21	78.775	87.527	96.28	111.6	126.91	144.42	238.51	262.58	275.7	286.7
8	30.635	41.575	56.893	63.457	70.022	76.586	83.151	98.47	111.6	124.726	207.88	229.76	240.7	251.6
9	28.446	37.199	50.328	56.893	63.457	67.834	74.398	87.53	100.66	111.597	186	203.5	214.4	223.2
10	26.258	32.823	43.764	50.328	56.893	61.269	67.834	78.77	89.716	100.656	168.49	183.81	192.6	201.3
11	24.07	30.635	39.387	45.952	50.328	56.893	61.269	72.21	80.963	89.7155	153.17	166.3	175.1	181.6
12	21.882	28.446	37.199	41.575	45.952	50.328	56.893	65.65	74.398	83.151	140.04	153.17	161.9	166.3
13	19.694	26.258	35.011	39.387	43.764	48.14	52.516	61.27	67.834	76.5864	129.1	140.04	148.8	155.4
14	17.505	24.07	30.635	37.199	39.387	43.764	48.14	56.89	63.457	72.2101	120.35	131.29	137.9	142.2

Reticle Measurements(in mils)

For example, if the actual target you are aiming at is 36" tall and measures 3 mils at 24X magnification power, its range is 305 meters (or about 333 yds).