

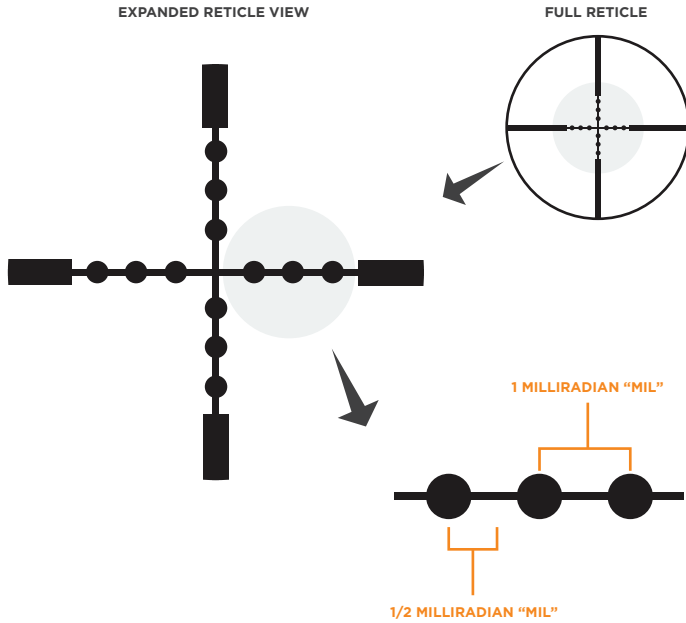
RETICLE MANUAL | MIL DOT

TRINITY FORCE CORPORATION OPTICS & PARTS MFG. EST. 2014
 1 (626) 330-6630 / FAX: 1 (626) 330-6665 / INFO@TRINITYFORCE.COM
 19224 E. WALNUT DR N. UNIT D CITY OF INDUSTRY, CA 91748

CAUTION BE SURE THAT YOUR FIREARM IS UNLOADED AND ALWAYS POINTED IN A SAFE DIRECTION. Always practice safe and proper firearm handling procedures.

WARNING READ CAREFULLY BEFORE USE
 Read through the entire product manual before attempting to use this product. Always treat a firearm as if it were fully loaded.

MIL DOT RETICLE MOA INCREMENT SPECIFICATIONS



PROPER USE AND APPLICATION

The Mil Dot can be used to augment long range effectiveness and assist the shooter when ranging targets.

A "Mil" is the abbreviation for Milliradian. A "Mil" is an angular measurement that is equal to 1/6400th of a circle, which is equivalent to approximately 1 Yard wide at 1,000 Yards distance. 1 MIL is equal to 3.6 inches at 100 Yards. Any known size target (height or width) can be ranged using a mathematical formula.

$$\frac{\text{TARGET SIZE (IN YARDS)} \times 1,000}{\text{SIZE OF OBJECT IN MIL}} = \text{RANGE ESTIMATION IN YARDS}$$

1 Yard is 36 inches (3 feet). Divide your target's size in inches by 36 inches to get your Target size in Yards.

Once you have determined the range of a target, you can make accurate holdovers for windage and elevation when compensating for bullet drop and wind direction.

The distance from the Center of a Dot to the Center of the next Dot is 1 Mil. The distance from the Center of a Dot to the middle of the line between Dots is 1/2 Mil.

REFERENCE CHARTS

| MIL-DOT TABLE FOR TARGETS IN INCHES | | | | | | | | | |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| INCHES | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| YARDS | 0.222 | 0.278 | 0.333 | 0.389 | 0.444 | 0.500 | 0.556 | 0.611 | 0.667 |
| MIL 1 | 222 | 278 | 333 | 389 | 444 | 500 | 556 | 611 | 667 |
| MIL 1.5 | 148 | 185 | 222 | 259 | 296 | 333 | 371 | 407 | 445 |
| MIL 2 | 111 | 139 | 167 | 195 | 222 | 250 | 278 | 306 | 334 |
| MIL 2.5 | 89 | 111 | 133 | 156 | 178 | 200 | 222 | 244 | 267 |
| MIL 3 | 74 | 93 | 111 | 130 | 148 | 167 | 185 | 204 | 222 |
| MIL 3.5 | 63 | 79 | 95 | 111 | 127 | 143 | 159 | 175 | 191 |
| MIL 4 | 56 | 70 | 83 | 97 | 111 | 125 | 139 | 153 | 167 |
| MIL 4.5 | 49 | 62 | 74 | 86 | 99 | 111 | 124 | 136 | 148 |
| MIL 5 | 44 | 56 | 67 | 78 | 89 | 100 | 111 | 122 | 133 |

| MIL-DOT TABLE FOR TARGETS IN FEET | | | | | |
|-----------------------------------|-------|-------|-------|-------|-------|
| FEET | 3 | 4 | 5 | 6 | 7 |
| YARDS | 1.000 | 1.333 | 1.667 | 2.000 | 2.333 |
| MIL 1 | 1000 | 1333 | 1667 | 2000 | 2333 |
| MIL 1.5 | 667 | 889 | 1111 | 1333 | 1555 |
| MIL 2 | 500 | 667 | 834 | 1000 | 1167 |
| MIL 2.5 | 400 | 533 | 667 | 800 | 933 |
| MIL 3 | 333 | 444 | 556 | 667 | 778 |
| MIL 3.5 | 286 | 381 | 476 | 571 | 667 |
| MIL 4 | 250 | 333 | 417 | 500 | 583 |
| MIL 4.5 | 222 | 296 | 370 | 444 | 518 |
| MIL 5 | 200 | 267 | 333 | 400 | 467 |

PRO TIPS FOR MAKING THE SHOT

Once a target's distance has been determined, the Mil Dot Reticle can be used to quickly estimate proper hold-over on long shots. In order to do this, you will have to be very familiar with the ballistics of your rifle and ammunition at all distances. We recommend that you keep a printed ballistic chart handy, and as always, your scope must be set to the correct magnification.

For Trinity Force scopes this is going to be its maximum magnification level.