



HAWKE®

| 20× HALF MIL



## OVERVIEW

Accurate mil spacing on 20× magnification. With half mil spaced markings out beyond 5 mil in all directions, the 20× Half Mil is a versatile reticle that provides aim points no matter how extreme the conditions.

A series of crosses etched on the lower section of the reticle make for extra windage aimpoints and act to give an easy quick-glance method of counting which mil spacing you're aiming with. Outer posts are segmented into half mil spacing and 0.2 mil spacings, so can be used for bracketing and rangefinding.



## RETICLE SUBTENSIONS

When on 20× magnification, the gap between two mil dots is equal to 1 mil of spacing, also known as 1 MRAD.

### IMPERIAL

1 MRAD = 1yd @ 1000yds = 3.6in @ 100yds. At different ranges this MRAD gap will change:  
50yds = 1.8in, 100yds = 3.6in, 200yds = 7.2in, 300yds = 10.8in.

### METRIC

1 MRAD = 1m @ 1000m = 10cm @ 100m. At different ranges this MRAD gap will change:  
50m = 5cm, 100m = 10cm, 200m = 20cm, 300m = 30cm.

## ÜBERSICHT

Genauer Mil-Abstand bei 20facher Vergrößerung. Mit Markierungen im Halb-Mil-Abstand außerhalb von 5 Mil in allen Richtungen ist das 20× Half Mil ein vielseitiges Absehen, das selbst unter extremsten Bedingungen Zielpunkte bietet.

Eine Reihe von Zielkreuzen, die im unteren Bereich des Absehens eingätzt sind, stellen zusätzliche Einstellzielpunkte bereit und helfen Ihnen, mit einem schnellen Blick zu zählen, mit welchem Mil-Abstand Sie zielen. Die Markierungen sind in Halb-Mil-Abstände und 0,2-Mil-Abstände unterteilt, so dass sie für Bracketing und Entfernungsmessung benutzt werden können.



## ABSEHENSABDECKUNGEN

Bei einer 20fachen Vergrößerung entspricht die Lücke zwischen zwei Mil-Punkten genau 1 Mil-Abstand, was auch als 1 MRAD bezeichnet wird.

### ZÖLLIG

1 MRAD = 1 yd bei 1000 yds = 3,6 in bei 100 yds. Für unterschiedliche Entfernungen ändern sich diese MRAD-Lücke: 50 yds = 1,8 in, 100 yds = 3,6 in, 200 yds = 7,2 in, 300 yds = 10,8 in.

### METRISCH

1 MRAD = 1m bei 1000m = 10cm bei 100m Für unterschiedliche Entfernungen ändern sich diese MRAD-Lücke: 50 m = 5cm, 100 m = 10cm, 200 m = 20cm, 300 m = 30cm.

## PRÉSENTATION GÉNÉRALE

Espacement précis en mil avec un grossissement 20×. Avec des marquages tous les demi mil au-delà de 5 mil dans toutes les directions, le réticule 20× Half Mil est un réticule polyvalent donnant des points de visée dans les conditions les plus difficiles.

Des croix gravées sur la partie inférieure du réticule donnent des points de visée supplémentaires de déplacement latéral, et permettent, avec un rapide coup d'oeil, de connaître le nombre de mils de déplacement latéral, avec lequel vous visez. Les montants sont segmentés avec des intervalles de demi mil et de 0,2 mil, afin de pouvoir les utiliser pour le bracketing et la télémessure.



## SUBTENSIONS DU RÉTICULE

Avec un grossissement 20x, l'intervalle entre deux points mil est égal à 1 mil, appelé aussi 1 MRAD.

IMPERIAL (Unités anglo-saxonnes)

1 MRAD = 1yd @ 1000yds = 3.6in @ 100yds. À des distances différentes, cet intervalle MRAD variera. 50yds = 1.8in, 100yds = 3.6in, 200yds = 7.2in, 300yds = 10.8in.

METRIC (Unités métriques)

1 MRAD = 1m @ 1000 m = 10 cm @ 100 m À des distances différentes, cet intervalle MRAD variera. 50 m = 5 cm, 100 m = 10 cm, 200 m = 20 cm, 300 m = 30 cm.

## RESUMEN

Espaciado de milirradiantes preciso con aumento de 20×. Con marcas espaciadas cada medio milirradián, a partir de los 5 milirradiantes, en todas direcciones, la 20× Half Mil es una retícula versátil que ofrece puntos de mira en las condiciones más extremas.

Una serie de cruces grabadas en la parte inferior de la retícula aportan puntos de mira adicionales de ajuste lateral y ofrecen un método sencillo a primera vista para calcular el espaciado en milirradiantes con el que se está apuntando. Los postes se dividen en espaciados de medio milirradiantes y de 0,2 milirradiantes, de forma que se puedan utilizar para el horquillado y la telemetría.





## COBERTURA DE LA RETÍCULA

Con un aumento de 20x, el espaciado entre dos “mil dots” (puntos a miliradianes) es igual a un espaciado de un milirradián, también conocido como 1 MRAD.

### SISTEMA IMPERIAL

1 MRAD = 1 yarda a 1000 yardas = 3,6 pulgadas a 100 yardas. Estos espaciados MRAD van cambiando según el rango: 50 yardas = 1,8 pulgadas, 100 yardas = 3,6 pulgadas, 200 yardas = 7,2 pulgadas, 300 yardas = 10,8 pulgadas.

### SISTEMA MÉTRICO

1 MRAD = 1m a 1000m = 10cm a 100m. Estos espaciados MRAD van cambiando según el rango: 50 m = 5cm, 100 m = 10cm, 200 m = 20cm, 300 m = 30cm.



## INTRODUZIONE

Precisa spaziatura in mil con ingrandimento 20×. Con metà dei distanziatori mil impostati oltre 5 mil in tutte le direzioni il reticolo 20× Half Mil si dimostra altamente versatile e fornisce punti di tiro anche nelle situazioni più estreme.

Una serie di crocette impresse sulla parte inferiore del reticolo offre ulteriori punti di mira in deriva, e inoltre un modo rapido e semplice con cui contare la distanza in mil con cui si sta mirando al bersaglio. All'interno dei distanziatori in mil e 0,2 mil sono stati segmentati montanti cavi, utilizzabili per tiro a forcella e telemetria.



## SOTTOTENSIONI DEL RETICOLO

Con un ingrandimento 20x, lo spazio tra due punti mil è pari a 1 mil di distanza (questo è noto anche come 1 MRAD).

### SISTEMA IMPERIALE BRITANNICO

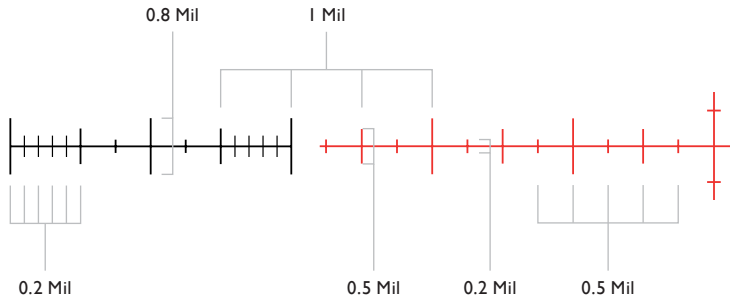
1 MRAD = 1 iarda a 1000 iarde = 3,6 pollici a 100 iarde. A distanze diverse, questo spazio MRAD cambierà: 50 iarde = 1,8 pollici, 100 iarde = 3,6 pollici, 200 iarde = 7,2 pollici, 300 iarde = 10,8 pollici.

### SISTEMA METRICO DECIMALE

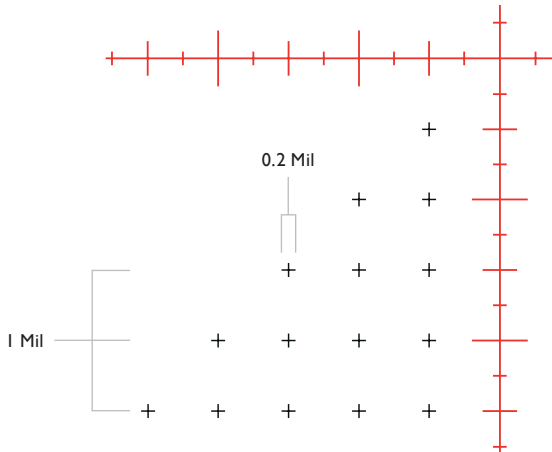
1 MRAD = 1m a 1000m = 10cm a 100m. A distanze diverse, questo spazio MRAD cambierà: 50 m = 5cm, 100 m = 10cm, 200 m = 20cm, 300 m = 30cm.



Correct on  
20× magnification

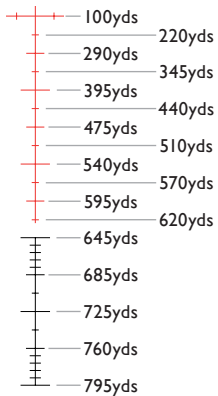


Correct on  
20× magnification



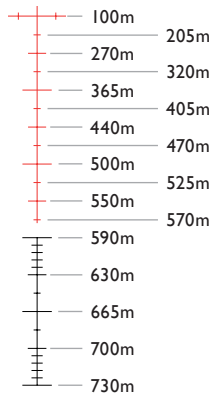
**.223 REM CENTERFIRE**

Magnification: 20×  
Muzzle Velocity: 3240fps  
Ballistic Coefficient: 0.2135  
Zero Range: 100yds



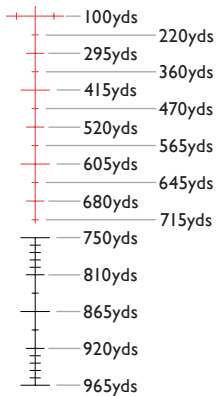
**.223 REM CENTERFIRE**

Magnification: 20×  
Muzzle Velocity: 988m/s  
Ballistic Coefficient: 0.2135  
Zero Range: 100m



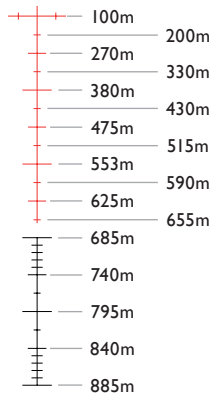
**.243 WIN CENTERFIRE**

Magnification: 20×  
Muzzle Velocity: 2960fps  
Ballistic Coefficient: 0.3691  
Zero Range: 100yds



**.243 WIN CENTERFIRE**

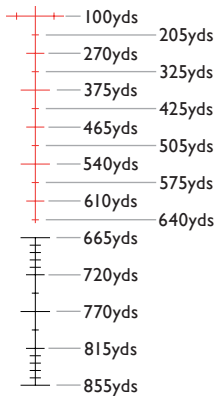
Magnification: 20×  
Muzzle Velocity: 902m/s  
Ballistic Coefficient: 0.3691  
Zero Range: 100m





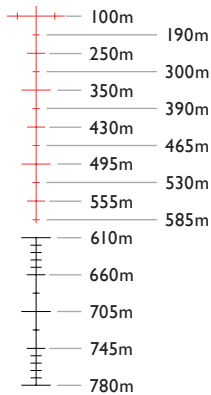
**.308 WIN CENTERFIRE**

Magnification: 20×  
Muzzle Velocity: 2820fps  
Ballistic Coefficient: 0.3208  
Zero Range: 100yds



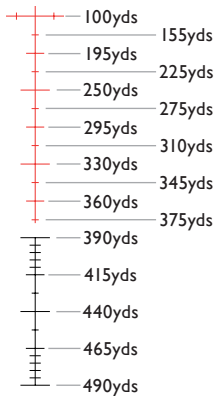
**.308 WIN CENTERFIRE**

Magnification: 20×  
Muzzle Velocity: 860m/s  
Ballistic Coefficient: 0.3208  
Zero Range: 100m



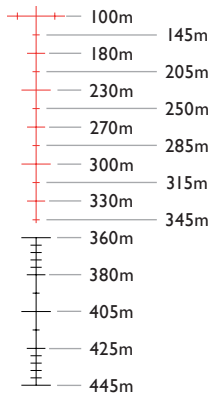
### .17 HMR RIMFIRE

Magnification: 20×  
Muzzle Velocity: 2550fps  
Ballistic Coefficient: 0.1251  
Zero Range: 100yds



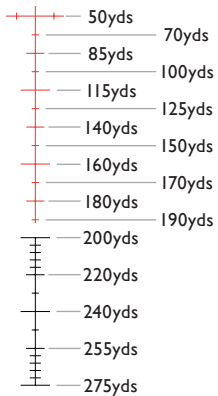
### .17 HMR RIMFIRE

Magnification: 20×  
Muzzle Velocity: 777m/s  
Ballistic Coefficient: 0.1251  
Zero Range: 100m



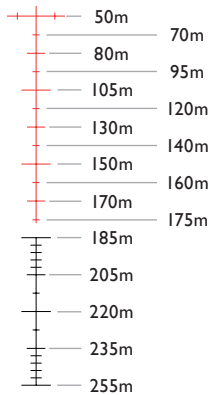
**.22 LR HV RIMFIRE**

Magnification: 20×  
Muzzle Velocity: 1260fps  
Ballistic Coefficient: 0.1300  
Zero Range: 50yds



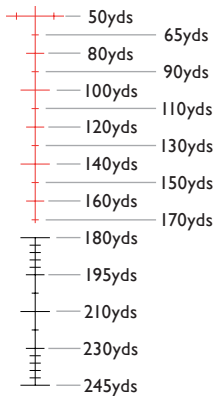
**.22 LR HV RIMFIRE**

Magnification: 20×  
Muzzle Velocity: 384m/s  
Ballistic Coefficient: 0.1300  
Zero Range: 50m



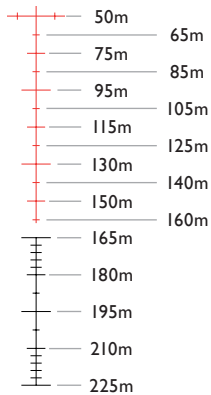
**.22 LR SUB RIMFIRE**

Magnification: 20×  
Muzzle Velocity: 1057fps  
Ballistic Coefficient: 0.1300  
Zero Range: 50yds



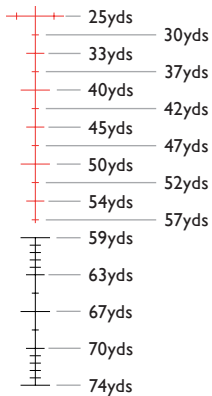
**.22 LR SUB RIMFIRE**

Magnification: 20×  
Muzzle Velocity: 322m/s  
Ballistic Coefficient: 0.1300  
Zero Range: 50m



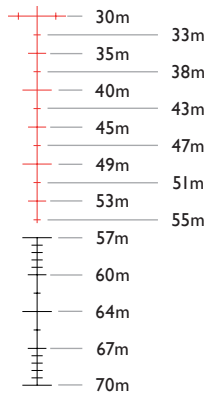
**.22 AIRGUN (12ft/lb)**

Magnification: 20×  
Muzzle Velocity: 560fps  
Ballistic Coefficient: 0.0183  
Zero Range: 25yds



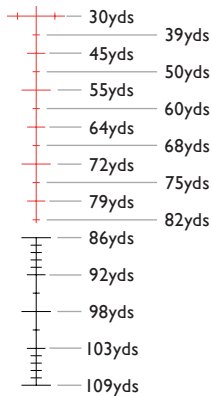
**.22 AIRGUN (16 Joules)**

Magnification: 20×  
Muzzle Velocity: 171m/s  
Ballistic Coefficient: 0.0183  
Zero Range: 30m



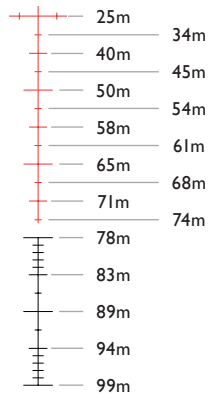
**.177 AIRGUN (12ft/lb)**

Magnification: 20×  
Muzzle Velocity: 786fps  
Ballistic Coefficient: 0.0193  
Zero Range: 30yds



**.177 AIRGUN (16 Joules)**

Magnification: 20×  
Muzzle Velocity: 240m/s  
Ballistic Coefficient: 0.0193  
Zero Range: 25m





VISION ACCOMPLISHED

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 Born in the UK