

## Description

The Ballistic Plex reticle is a copyrighted Burris design on the lower vertical crosshair that compensates for bullet drop. Ballistic Plex is formulated to assist hand gunners with the unique challenge associated with more lofty trajectories. The charts in this brochure illustrate many examples of how the Ballistic Plex can facilitate maximum accuracy over the practical range of various handgun cartridges.

The Ballistic Plex is extremely useful even if you do not shoot one of the example cartridges. Each ballistic line represents some exact yardage for whatever cartridge you shoot. Chances are your cartridge is listed or the ballistics are very similar. We suggest you visit your local range to make your own yardage chart to correspond to each ballistic line on the reticle.

### Ballistic Plex™

2X-7X Handgun Correction @ 100 yds	3X-12X Handgun Correction @ 100 yds
2.1"	1.4"
6.2"	4.1"
10.4"	6.8"
15.5"	10.1"

### How to Make Your Own Ballistic Chart

1. Sight-in exactly at 50 yards or 100 yards depending on your cartridge and bullet selection.
2. Set your scope to the highest magnification.
3. Determine the bullet path of your cartridge at the climactic conditions you will be shooting. We highly recommend actual firing at each 100 yard increment for best accuracy. Make a table like Table 1 for your handgun/cartridge combination.
4. Determine your distance to target and select the corresponding ballistic line. Slight hold-over or under may be necessary to handle in-between yardages.
5. Good shooting!

The Ballistic Plex reticle is much more accurate than guessing hold over or hold off. It can also be faster and more reassuring to most shooters than using target-type adjustments. The nature of ballistics is such that everything is theoretical and if any one of the variables changes (altitude, temperature, barometric pressure, humidity, bullet design, barrel length, chamber fit, seating depth, etc.) so does the ballistic table.

For maximum accuracy, practice at long ranges under similar conditions to those which you will experience in the field.

### Technical Tip

For maximum accuracy at long ranges, instead of sighting in at 100 yards using the center of the reticle, sight in at a longer range such as 400 yards using the 400 yard ballistic line. This will decrease the amount of long-range error that can occur under various environmental conditions, or when slightly under estimating point-of-impact at shorter ranges.

### Ballistics Reference Sources

Perry-Systems ExBal Ballistic Software -  
[www.perry-systems.com](http://www.perry-systems.com)

Barnes Bullets - [www.barnesbullets.com](http://www.barnesbullets.com)  
800-574-9200

RCBS - [www.rcbs.com](http://www.rcbs.com)  
800-533-5000

Sierra Bullets - [www.sierrabullets.com](http://www.sierrabullets.com)  
800-223-8799

Nosler - [www.nosler.com](http://www.nosler.com)  
800-285-3701

Hornady - [www.hornady.com](http://www.hornady.com)  
800-338-3220

Speer - [www.speer-bullets.com](http://www.speer-bullets.com)  
866-286-7436

Lee Precision, Inc. - [www.leeprecision.com](http://www.leeprecision.com)  
262-673-3075

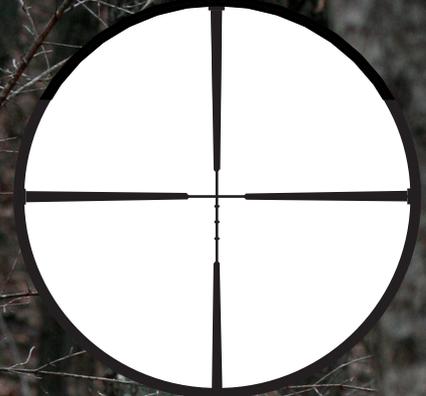
*Due to the extensive tooling cost of developing the Ballistic Plex reticle, we are unable to accommodate requests for customized reticles for specific cartridges. Burris does not have a staff of ballisticians to figure ballistic tables for you. Please reference various reloading manuals and ballistic software programs for help in this area.*

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 **BURRIS**

INSTR-1013

# Ballistic Plex™ Reticle For Handguns



 **BURRIS**

Table 1

**BURRIS Ballistic Plex™ For Handgun Cartridges 2X-7X Handgun Scope**

<b>Popular Factory Cartridges -- Long Range</b>												
Cartridge---		16" Barrel	15" Barrel	14" Barrel	15" Barrel							
Ballistic	bullet weight---	.223Rem PSP	.22-250 HPBT	.243Win PSPCL	.260Rem BallTip	.260Rem GKing	.270 Win PSPCL	7mm-08 BallTip	7mm-08 BallTip	.30-30 Win ST	.308Win BallTip	
Plex	muzzle vel---	55gr Impact actual	55gr Impact actual	100gr Impact actual	120gr Impact actual	140gr Impact actual	130gr Impact actual	140gr Impact actual	140gr Impact actual	150gr Impact actual	150gr Impact actual	150gr Impact actual
Drop	yards	3000 -= Low yardage	3200 -= Low yardage	2525 -= Low yardage	2500 -= Low yardage	2400 -= Low yardage	2600 -= Low yardage	2500 -= Low yardage	2600 -= Low yardage	2150 -= Low	2600 -= Low yardage	2600 -= Low yardage
		<u>Drop</u> += High zero	<u>Drop</u> += High yards	<u>Drop</u> += High zero								
0.0	100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100
-4.3	200	-4 +0 210	-3 +1 220	-5 -1 190	-5 -1 190	-5.5 -1 190	-4.6 -0 200	-5.2 -1 190	-4.5 -0 200	-3.0 +0 150	-4.5 -0 200	-4.5 -0 200
-18.7	300	-15 +4 330	-13 +6 360	-18 +1 305	-17 +1 305	-19 -0 300	-16 +3 320	-18 +1 305	-16 +3 320	-13 +1 225	-16 +3 320	-16 +3 320
-41.7	400	-37 +5 430	-32 +10 450	-41 +1 405	-38 +3 420	-41 +0 400	-35 +6 440	-40 +1 405	-35 +6 440	-33 -1 300	-35 +6 440	-35 +6 440
-77.6	500	-73 +4 510	-64 +13 530	-75 +3 510	-69 +8 520	-74 +3 510	-64 +13 530	-74 +4 510	-64 +14 530	-52 +3 350	-64 +14 530	-64 +14 530

**Popular Factory Cartridges -- Short to Medium Range**

<b>Popular Factory Cartridges -- Short to Medium Range</b>												
Cartridge---		14" Barrel	4"-5" Barrel	7.5" Barrel	10" Barrel	12" Barrel	14" Barrel	7.5" Barrel	12" Barrel	9.5" Barrel	9.5" Barrel	
Ballistic	bullet weight---	.17 Hor Mag Rim	.44Mag JSP	.454Casull ParG	.454Casull ParG	.480 Ruger	.480 Ruger					
Plex	muzzle velocity---	17gr Impact	240gr Impact	240gr Impact	240gr Impact	240gr Impact	240gr Impact	260gr Impact	260gr Impact	325gr Impact	400gr Impact	400gr Impact
Drop	yards	2300 -= Low	1200 -= Low	1400 -= Low	1500 -= Low	1600 -= Low	1700 -= Low	1800 -= Low	2000 -= Low	1500 -= Low	1250 -= Low	1250 -= Low
		<u>Drop</u> += High yards										
Center	0	0 0 100	0 0 50	0 0 50	0 0 50	0 0 50	0 0 50	0 0 50	0 0 50	0 0 50	0 0 50	0 0 50
Line 1	-3	+0 150	-1.9 -0 75	-1.3 +0 75	-1.1 +1 75	-2.9 -1 100	-2.4 -0 100	-1.9 +0 100	-1.3 +1 125	-1.1 +1 75	-1.8 +0 75	-1.8 +0 75
Line 2	-16	-3 225	-5.9 +0 100	-8.6 -1 125	-7.3 +0 125	-11.0 -2 150	-9.4 -0 150	-7.9 +1 150	-14.4 -2 200	-7.6 +0 125	-5.3 +1 100	-5.3 +1 100
Line 3	-31	-2 275	-11.8 +1 125	-15.0 +1 150	-12.8 +3 150	-17.4 +1 175	-22.3 -1 200	-19 +2 200	-27.9 -2 250	-13.4 +2 150	-18.3 -3 150	-18.3 -3 150
Top of Post	-53	-3 325	-30.6 -3 175	-33.7 -3 200	-29.4 +2 200	-36 -1 225	-42 -3 250	-36 +3 250	-47.5 -1 300	-31.0 +0 200	-28.0 -1 175	-28.0 -1 175

Table 2

**BURRIS Ballistic Plex™ For Handgun Cartridges 3X-12X Handgun Scope**

<b>Popular Factory Cartridges - Long Range</b>												
Cartridge---		14" Barrel	16" Barrel	15" Barrel								
Ballistic	bullet weight---	.17 Hor Mag Rim	.223Rem PSP	.22-250 PSP	.243Win PSPCL	.260Rem BallTip	.270 Win BSiITip	7mm-08 BallTip	7mm-08 BallTip	.308Win BSiITip	.30-06 BSiITip	
Plex	muzzle velocity---	17gr Impact	55gr Impact actual	55gr Impact actual	100gr Impact actual	120gr Impact actual	130gr Impact actual	140gr Impact actual	140gr Impact actual	150gr Impact actual	150gr Impact actual	150gr Impact actual
Drop	yards	2300 -= Low	3000 -= Low yardage	3200 -= Low yardage	2525 -= Low yardage	2500 -= Low yardage	2600 -= Low yardage	2500 -= Low yardage	2600 -= Low yardage	2600 -= Low yardage	2600 -= Low yardage	2700 -= Low yardage
		<u>Drop</u> += High yards	<u>Drop</u> += High zero									
0.0	100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100	0 0 100
-2.8	200	-1 +1 125	-4 -1 180	-3 -0 190	-5 -2 170	-5 -2 170	-5 -2 170	-5 -2 170	-5 -2 180	-5 -2 170	-5 -2 170	-4 -1 170
-10.2	250	-10 -2 200	-8 +2 270	-7 +3 280	-11 -0 250	-10 -0 250	-9 +1 260	-11 -0 250	-9 +1 260	-9 +1 260	-9 +1 260	-8 +2 270
-23.8	350	-16 +0 225	-24 -1 350	-21 +3 370	-28 -4 330	-27 -3 335	-25 -1 340	-28 -4 330	-24 -0 350	-25 -1 345	-22 -1 345	-22 +1 360
-45.5	450	-22 +3 250	-53 -7 430	-46 -1 450	-56 -11 420	-52 -7 425	-49 -3 430	-55 -10 420	-47 -2 445	-49 -3 440	-44 +1 460	-44 +1 460

All data derived from Sierra Infinity™ Ballistics software program using a several popular factory loaded ammunition. 3000ft Altitude; 59 degree F temperature; 78% Humidity; Center of Scope 1.4" above center of bore. Your handgun, cartridges, mounting, and environmental conditions may vary. Chronograph testing is recommended. Handloads with premium bullets and some high energy factory loads can generally produce slightly flatter trajectories.