

10mm AUTO

Test Specifications:

Firearm Used: Universal

Barrel Length: 5"

Twist: 1-14"

Components:

Case: Starline

Trim-to Length: 0.987"

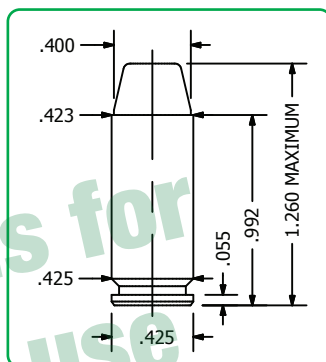
Primer: WLP

Remarks:


The 10mm Auto was first introduced in 1983 in the ill fated Bren Ten pistol marketed by Dornaus & Dixon. Based largely on the Czech CZ 75 9mm auto, the Bren Ten incorporated many ideas of noted combat pistol authority, Col. Jeff Cooper. Ammunition was first commercially loaded by Norma, and the 10mm appeared to have a bright future ahead of it. Unfortunately, delivery problems plagued Dornaus & Dixon from the beginning, eventually forcing them into bankruptcy. With the Bren Ten out of production, the fate of the 10mm Auto remained in limbo until 1987, when Colt chambered it in their Delta Elite pistol. Smith & Wesson followed suit shortly after, offering several large autos chambered for the 10mm as well as their 610 wheel gun using moon clips.

Sierra currently produces jacketed hollow point designs in 135, 150, 165 and 180 grain weights that are well suited to self defense, competition and hunting with the 10mm Auto. Like any rimless autoloading cartridge headspacing on the case mouth, the 10mm requires a slight taper crimp for reliable functioning. In our testing, we found Accurate Arms #7 and Blue Dot to be outstanding performers, delivering both high velocity and excellent accuracy. The 10mm is an inherently accurate cartridge, routinely giving ten shot groups of under one inch here in the Sierra test range. With the energy levels available in full power loads, the 10mm is quite capable of cleanly taking deer and boar sized game with proper shot placement.


This makes it all the more ironic, as its power may well have proved to be the cause of its downfall. With an OAL of 1.260 inches, it requires a large (45 caliber) frame pistol to accommodate the round. Along with its impressive performance, came equally impressive (and to some, intimidating) recoil. Several of the law enforcement agencies which first adopted the 10mm as a service round requested a milder loading, pushing a 180 grain bullet at a nominal 950 fps for milder recoil and faster recovery time. Seeing an opportunity, Smith & Wesson wasted no time in developing a shortened round which met these ballistic parameters, and could be housed in a smaller (9mm) sized frame. The resulting cartridge, known as the 40 S&W, has taken much of the law enforcement market share, relegating the 10mm primarily to sporting and hunting applications. Maybe not as popular as it should be, the 10mm has a loyal following.




10mm Auto

Bullet Caliber Weight Type								C.O.A.L.
		#8425	.400"	135gr.	JHP			1.250"
Powder ▾	Velocity >	1150	1250	1350	1450	1500	1550	1600
Clays			5.8	6.4				
Tite Group				6.8	7.5	7.9		
American Select	5.7	6.3	6.9					
BE 86					8.9	9.3	9.7	10.1
N320		6.5	7.2					
Zip			7.9	8.6	9.0			
Unique			9.2	10.2	10.8	11.3		
Universal			7.7	8.3	8.6	8.9		
Power Pistol					9.2	9.6	10.0	10.4
N340					8.5	8.8		
True Blue					10.0	10.4	10.8	
A#5					11.0	11.4	11.9	
Auto Comp					9.2	9.5	9.7	
CFE Pistol					9.1	9.4	9.7	
Silhouette			9.1	10.3	10.9			
3N37				10.0	10.7			
N350				9.3	9.7	10.1		
Win 572				9.2	9.5	9.8	10.1	
A#7				12.7	13.2	13.6		
Longshot				9.4	9.7	10.0	10.3	
Energy Ft. Lbs	396	468	546	630	674	720	767	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb				
Accuracy Load	Tite Group	7.9	1500	674				
Hunting Load	BE 86	10.1	1600	767				


10mm Auto

Bullet Caliber Weight Type							C.O.A.L.	
	#8430	.400"	150gr.	JHP	1.250"			
Powder ∨	Velocity >	1000	1100	1200	1300	1400	1450	1500
Clays			5.0	5.6				
Tite Group				6.0	6.7			
American Select	4.9	5.5	6.0					
BE 86					7.9	8.6	9.0	9.3
N320		5.6	6.3	7.0				
Zip			6.9	7.6	8.3			
Unique						8.7	9.5	
Universal			6.8	7.4	8.0	8.3		
Power Pistol					8.1	8.9	9.3	9.6
N340			7.0	7.7				
True Blue					8.8	9.6	10.1	
A#5					9.7	10.6	11.0	
Auto Comp					8.1	8.9	9.3	
CFE Pistol					7.8	8.5	8.9	
Silhouette					8.7	9.3	9.7	
3N37			8.3	9.0	9.7			
N350					8.4	9.2		
Win 572					8.0	8.7	9.1	9.5
A#7					11.1	11.9	12.3	12.7
Longshot					8.2	9.0	9.4	9.8
Energy Ft. Lbs	333	403	480	563	653	700	749	
Special Load	Powder	Grains		Velocity fps		Energy Ft. lb		
Accuracy Load	Tite Group	6.7		1300		563		
Hunting Load	BE 86	9.3		1500		749		

10mm Auto

Bullet		Caliber	Weight	Type	C.O.A.L.			
	#8445	.400"	165gr.	JHP	1.250"			
	#9465	.400"	165gr.	JHP Sig V-Crown	1.250"			
Powder ▾	Velocity >	950	1050	1150	1250	1300	1350	1400
Clays			4.8	5.5				
Tite Group				5.7	6.4	6.8		
American Select	4.5	5.2	5.8					
BE 86					7.6	8.0	8.3	8.7
Trail Boss					8.5	8.9	9.4	
N320		5.4	6.0					
Zip			6.5	7.2	7.6			
Unique				7.2	8.0	8.9		
Universal			6.4	7.1	7.4	7.7		
Power Pistol					7.8	8.2	8.6	9.0
Herco					8.2	8.7	9.3	9.9
N340			6.7	7.5	7.8			
A#5					9.4	9.8	10.2	
Auto Comp				7.2	7.9	8.3	8.6	
CFE Pistol				6.9	7.6	7.9	8.3	
Silhouette				7.5	8.2	8.5	8.9	9.2
3N37				7.9	8.7	9.1	9.5	
N350					8.1	8.5	9.0	
Win 572					7.8	8.1	8.5	8.9
A#7					10.6	11.1	11.5	11.9
Longshot					7.9	8.3	8.7	9.1
Energy Ft. Lbs		331	404	484	572	619	668	718
Special Load	Powder	Grains		Velocity fps		Energy Ft. lb		
Accuracy Load	Power Pistol	9.0		1400		718		
Hunting Load	BE 86	8.7		1400		718		

10mm Auto

Bullet Caliber Weight Type								C.O.A.L.
 #8460 .400" 180gr. JHP								1.250"
Powder ∨	Velocity >	900	1000	1100	1150	1200	1250	1300
Clays		4.0	4.7	5.3				
Tite Group			4.7	5.5	5.8			
American Select		4.3	5.0	5.6				
BE 86				6.5	6.9	7.3	7.7	8.1
N320			5.1	5.8				
Zip			5.5	6.3	6.7	7.0		
Unique				6.3	6.7	7.2		
Universal				6.1	6.5	6.8	7.2	
Power Pistol				6.7	7.1	7.4	7.8	8.2
N340			5.6	6.4	6.8	7.1		
True Blue				7.3	7.7	8.1	8.5	
A#5				8.0	8.4	8.9	9.3	
Auto Comp				6.7	7.0	7.4	7.7	
CFE Pistol				6.5	6.8	7.2	7.6	
Silhouette				7.0	7.4	7.8	8.2	
3N37				7.3	7.8	8.2	8.7	
N350				6.9	7.4	7.8		
Win 572				6.6	7.0	7.3	7.7	8.1
A#7					9.6	10.0	10.4	10.9
Longshot				6.8	7.1	7.5	7.9	8.3
Energy Ft. Lbs		324	400	484	528	575	624	675
Special Load	Powder	Grains		Velocity fps		Energy Ft. lb		
Accuracy Load	A#5	9.3		1250		624		
Hunting Load	BE 86	8.1		1300		675		