

445 SUPER MAG

Test Specifications:

Firearm Used: Dan Wesson M445V8S

Barrel Length: 8"

Twist: 1 x 18 3/4"

Components:

Case: IHMSA

Trim-to Length: 1.600"

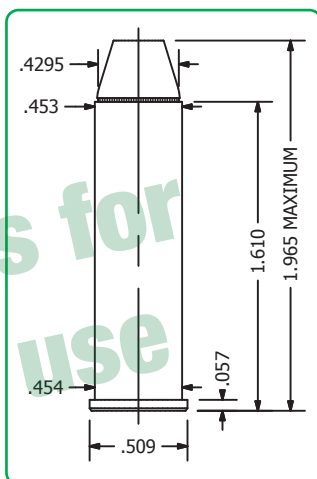
Primer: Federal 210

Remarks:


The 445 Super Mag is the largest and most potent descendant of the true 44 family of cases. Designed by IHMSA founder Elgin Gates, the 445 had just begun production when Gates died in 1988. Conceived as a cartridge for metallic silhouette competition, the 445 does indeed provide reliable knockdown on the heavy steel rams at 200 meters. Based on a lengthened 44 Magnum case, the 445 offers a significant increase in performance over its shorter counterpart, particularly with heavier bullets. The 445 generated a short bit of interest among the silhouette clan, but its recoil is a bit much for a 40, 60 or 80 round match. Today, 445 Super Mags are rarely seen in competition, but it continues to see considerable use as a hunting cartridge.


With its extra capacity, only the slowest burning handgun propellants are suitable to the 445. In general, best accuracy will be obtained near or at maximum loads. Naturally, muzzle blast can be severe. Producing some 200 fps more velocity than the smaller 44 Magnum, the 445 Super Mag may require a period of adjustment, even for experienced shooters. With practice, however, tolerance for the 445's rather sharp recoil can be developed. In the hands of a competent shooter, the cartridge itself is capable of producing excellent accuracy.

Considering the range of slow burning propellants used in the 445, handloaders are strongly cautioned not to use loads lower than the listed minimum shown in the manual. For this same reason, this is another cartridge that truly requires a very firm crimp. If less recoil is desired, a 44 Magnum, or for that matter, 44 Special cartridge can be used. In our testing, we found we were still able to get surprisingly good accuracy when 44 Magnum ammunition was used, despite the long jump from case mouth to forcing cone.





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Bullet Caliber Weight Type						C.O.A.L.
	#8600	.4295"	180gr.	JHC		1.920"
Powder	Velocity	1600	1650	1700	1750	1800
296			30.0	32.2	34.4	36.6
H4227	31.8	33.0	34.2	35.4	36.5	
A 1680	41.5	42.5	43.5	44.5	45.5	
Energy Ft. lbs	1023	1088	1155	1224	1295	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
Accuracy Load	H4227	35.4	1750	1224		
Hunting Load	A 1680	45.5	1800	1295		


Bullet Caliber Weight Type						C.O.A.L.
	#8620	.4295"	210gr.	JHC		1.920"
Powder	Velocity	1500	1550	1600	1650	
296			28.0	31.5	35.0	
H4227	28.8	30.2	31.6	33.1		
A 1680	36.2	38.1	40.0	41.9		
Energy Ft. lbs	1049	1120	1194	1269		
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
Accuracy Load	H4227	33.1	1650	1269		
Hunting Load	A 1680	41.9	1650	1269		


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Bullet Caliber Weight Type						C.O.A.L.
	#8605	.4295"	220gr.	FPJ Match		1.920"
Powder ∨	Velocity >	1400	1500	1550	1600	1650
296				28.0	31.5	35.0
H4227	26.5	29.5	31.0	32.3		
A 1680	33.6	36.8	38.4	40.0	41.7	
Energy Ft. lbs	957	1099	1173	1250	1330	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
Accuracy Load	A 1680	40.0	1600	1250		
Hunting Load	A 1680	41.7	1650	1330		

Bullet Caliber Weight Type						C.O.A.L.	
	#8610	.4295"	240gr.	JHC		1.920"	
Powder ∨	Velocity >	1350	1400	1450	1500	1550	1600
296				28.0	29.8	31.6	33.5
H4227	25.9	27.0	28.1	29.2	30.3	31.4	
A 1680	33.4	34.5	35.6	36.7	37.8	38.9	
Energy Ft. lbs	971	1044	1120	1199	1280	1364	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb			
Accuracy Load	H4227	31.4	1600	1364			
Hunting Load	A 1680	38.9	1600	1364			

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		Bullet	Caliber	Weight	Type	C.O.A.L.	
		#8615	.4295"	250gr.	FPJ Match	1.920"	
Powder	Velocity	1300	1400	1450	1500	1550	1600
296		27.2	28.9	30.6	32.3		
H4227		25.0	27.8	29.2	30.6	31.9	
A 1680		32.1	34.3	35.4	36.5	37.6	38.7
Energy Ft. lbs		938	1088	1167	1249	1333	1421
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb			
Accuracy Load	H4227	31.9	1550	1333			
Hunting Load	A 1680	38.7	1600	1421			

		Bullet	Caliber	Weight	Type	C.O.A.L.	
		#8630	.4295"	300gr.	JSP	2.060"	
Powder	Velocity	1200	1250	1300	1350		
296		25.9	27.4	28.9	30.4		
H4227		24.8	26.2	27.5			
A 1680		26.6	29.0	31.4	33.9		
Energy Ft. lbs		959	1041	1126	1214		
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb			
Accuracy Load	H4227	27.5	1300	1126			
Hunting Load	A 1680	33.9	1350	1214			