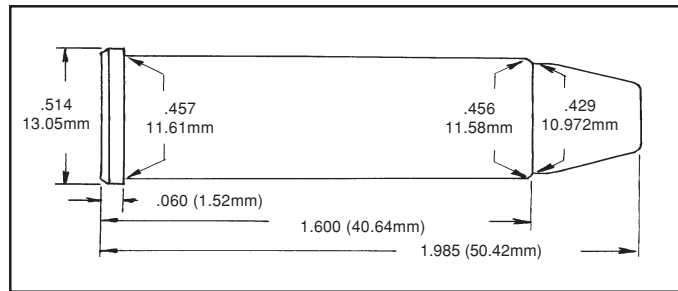


.445 SUPER MAG

The .445 Super Mag is another cartridge for which there is no factory ammunition. This cartridge is basically a lengthened .44 Remington Magnum.

Developed by silhouette shooters to produce a revolver cartridge that would give a greater degree of reliability on the 200 meter rams, the .445 Super Mag readily achieves that goal.



Available in the Dan Wesson revolver and the T/C Contender, the .445 Super Mag easily exceeds the power of the standard .44 Remington Magnum.

The single-shot T/C Contender maximizes this cartridge's performance. **Accurate 1680** is the best propellant for the .445 Super Mag.

There is no SAAMI pressure limit for the .445 Super Mag.

.445 SUPER MAG				
Gun	DOUGLAS	Max Length	1.600"	
Barrel Length	10"	Trim Length	1.590"	
Primer	FC 155	OAL Max	1.985"	
Case	STARLINE	OAL Min	--	

Bullet	START LOADS			MAXIMUM LOADS			C.U.P.	Cartridge Length	Comment
	Powder	Grains	Vel.	Powder	Grains	Vel.			
SSK 300 (L) FN	1680	28.8	1420	1680	32.0	1614	38,900	2.055"	Compressed**
HDY 180 JHP	1680	37.8	1755	1680	42.0	1994	27,600	1.950"	Compressed
NOS 200 JHP	1680	36.0	1690	1680	40.0	1921	33,100	1.920"	Compressed
SRA 240 JHP	1680	33.8	1589	1680	37.5	1806	39,700	1.925"	
SRA 250 FMJ	1680	32.9	1520	1680	36.5	1727	38,100	1.925"	
HDY 265 FP	1680	31.5	1463	1680	35.0	1663	37,600	1.970"	
SRA 300 JSP	1680	28.8	1428	1680	32.0	1623	43,300	2.055"	**
SPR 300 JSP	1680	28.8	1398	1680	32.0	1589	41,400	2.050"	**
HDY 300 XTP	1680	28.4	1404	1680	31.5	1595	42,900	2.060"	**

* Over MAX Recommended OAL ** Penny's Custom Casting

.445 SuperMag Loading Data

PLEASE NOTE: Loads less than minimum charges shown are not recommended.

For start loads, reduce by 5% and work up carefully, watching for signs of high pressure!

Test Firearm:		Dan Wesson model 7445				
Barrel Length:		10 inch				
Brass:		Starline				
Trim Length:		1.6000"				
Primers:		Federal 210				
		Start Loads		Maximum Loads		
Bullet	Powder	Weight (gr.)	Velocity (fps)	Weight (gr.)	Velocity (fps)	Pressure (psi)
180gr. Sierra	A1680	41.0	1527	45.0	1757	32,500
	H4227	34.5	1655	37.0	1901	35,100
	A2200	37.0	1008	39.0	1161	28,800
	Lil'Gun	32.5	1812	35.0	1992	35,350
	W296	34.5	1695	38.9	1907	34,400
	IMR 4227	34.0	1555	37.3	1872	33,550
	XMP 5744	30.0	1415	36.5	1771	36,250
	Enforcer	29.6	1505	33.2	1835	34,100
Accuracy load - H4227/35.0gr at 1708 fps						
Hunting Load - H4227/37.0gr at 1910 fps						
200gr. Barnes	H110	33.5	1707	36.0	1855	35,500
	Lil'Gun	31.5	1701	34.0	1868	36,300
	H4227	35.0	1795	38.0	1885	36,500
	A1680	40.0	1561	41.5	1704	34,200
	W296	32.0	1685	35.8	1780	35,230
	IMR 4227	30.5	1395	35.5	1762	36,110
	XMP5744	35.0	1787	36.0	1852	35,950
	N110	30.5	1755	33.0	1864	37,150
Enforcer	28.8	1455	32.2	1607	35,450	
210gr. Sierra	H4227	32.5	1675	36.0	1815	35,300
	N110	30.5	1616	33.2	1804	34,750
220gr. Sierra	Lil'Gun	30.8	1678	33.5	1766	36,110
	Enforcer	28.0	1434	31.2	1541	34,200
225gr. Barnes	H110	29.5	1701	32.5	1831	35,300
	H108	28.0	1650	30.0	1705	33,225
	Lil'Gun	30.5	1672	33.0	1738	34,450
	H4227	34.0	1708	37.5	1864	36,350
240gr. Hornady	A1680	36.0	1501	39.5	1655	32,150
	H110	29.0	1640	33.0	1798	36,100
	Lil'Gun	31.0	1525	32.0	1682	33,550
	H108	27.0	1585	30.0	1628	34,350
	Enforcer	28.5	1489	29.2	1571	37,220
300gr. Hornady	A1680	33.0	1575	37.5	1630	31,050
	H108	27.0	1501	30.0	1575	n/a
	W296	25.5	1450	29.4	1546	n/a

Pressure data: Oehler Model 43

Velocities measured at 5 ft. from muzzle

Max load data was from a three shot average

Our thanks to the following contributing sponsors:

445 SUPER-MAG

265gr		300gr	
AA-1680 From 30.4 grains to 36.8 grains	Federal 155 Primer	AA-1680 From 26.6 grains to 34.5 grains	Federal 155 Primer
AA-5744 From 25.0 grains to 30.6 grains	Federal 155 Primer	AA-5744 From 24.9 grains to 29.3 grains	Federal 155 Primer
H-110 From 27.2 grains to 32.2 grains	Federal 155 Primer	H-110 From 24.6 grains to 29.1 grains	Federal 155 Primer
H-4227 From 23.7 grains to 28.8 grains	Federal 155 Primer	H-4227 From 22.7 grains to 28.2 grains	Federal 155 Primer
IMR-4227 From 26.1 grains to 30.3 grains	Federal 155 Primer	IMR-4227 From 24.7 grains to 28.0 grains	Federal 155 Primer
W-296 From 26.8 grains to 32.1 grains	Federal 155 Primer	W-296 From 24.4 grains to 30.7 grains	Federal 155 Primer
W-680 From 28.8 grains to 33.8 grains	Federal 155 Primer	W-680 From 26.6 grains to 35.2 grains	Federal 155 Primer
250gr		240gr	
AA-1680 From 32.1 grains to 39.0 grains	Federal 155 Primer	AA-1680 From 33.2 grains to 40.1 grains	Federal 155 Primer
H-110 From 30.0 grains to 31.0 grains	Federal 155 Primer	AA-5744 From 26.7 grains to 32.2 grains	Federal 155 Primer
H-4227 From 25.0 grains to 31.9 grains	Federal 155 Primer	H-110 From 29.0 grains to 33.0 grains	Federal 155 Primer
W-296 From 27.2 grains to 32.4 grains	Federal 155 Primer	H-4227 From 25.5 grains to 32.0 grains	Federal 155 Primer
W-680 From 31.3 grains to 37.5 grains	Federal 155 Primer	IMR-4227 From 26.4 grains to 30.8 grains	Federal 155 Primer
		Lil'Gun From 31.0 grains to 32.0 grains	Federal 155 Primer
		W-296 From 28.0 grains to 33.5 grains	Federal 155 Primer
		W-680 From 30.8 grains to 37.9 grains	Federal 155 Primer

HANDLOADING THE .445 SUPERMAG

CAST BULLET LOADS

BULLET	POWDER CHARGE	VELOCITY	GROUP+
Sierra 220 grain Silhouette	34.0 grs. H4227	1629 fps	1.00"
	35.0 grs. H4227	1679 fps	1.25"
	36.0 grs. H4227	1705 fps	1.25"
	39.0 grs. WW680	1656 fps	1.25"
	40.0 grs. WW680	1660 fps	2.50"
	36.0 grs. H110	1671 fps	2.50"
	37.0 grs. H110	1734 fps	1.50"
	38.0 grs. H110	1736 fps	1.50"
	39.0 grs. H110	1786 fps	1.75"

Speer 240 grain Silhouette

33.0 grs. H4227	1551 fps	1.25"
34.0 grs. H4227	1609 fps	1.25"
35.0 grs. H4227	1683 fps	1.25"
36.0 grs. H4227	1713 fps	2.00"
37.0 grs. WW680	1544 fps	1.50"
38.0 grs. WW680	1555 fps	1.25"
39.0 grs. WW680	1626 fps	1.00"
31.0 grs. H110	1450 fps	2.00"
32.0 grs. H110	1489 fps	2.375"
33.0 grs. H110	1519 fps	1.50"
34.0 grs. H110	1527 fps	2.00"
35.0 grs. H110	1542 fps	1.50"
36.0 grs. H110	1642 fps	1.50"
37.0 grs. H110	1656 fps	1.75"
38.0 grs. H110	1719 fps	1.50"

Hornady 265 grain Flat Point

29.0 grs. H4427	1456 fps	1.25"
30.0 grs. H4227	1513 fps	1.50"
31.0 grs. H4227	1578 fps	1.50"
32.0 grs. H4227	1617 fps	1.125"
33.0 grs. WW680	1398 fps	1.50"
34.0 grs. WW680	1437 fps	1.50"
35.0 grs. WW680	1503 fps	2.50"
29.0 grs. H110	1344 fps	1.50"
30.0 grs. H110	1414 fps	2.00"
31.0 grs. H110	1450 fps	1.25"

Sierra 300 grain Flat Point

32.0 grs. H110	1191 fps	1.25"
33.0 grs. H110	1199 fps	1.25"
34.0 grs. H110	1225 fps	1.25"
35.0 grs. H110	1252 fps	1.25"
36.0 grs. H110	1325 fps	1.25"
37.0 grs. H110	1412 fps	1.50"
29.0 grs. WW680	1188 fps	2.00"
30.0 grs. WW680	1222 fps	1.75"
31.0 grs. WW680	1276 fps	1.75"
32.0 grs. WW680	1310 fps	1.75"
33.0 grs. WW680	1361 fps	2.00"
34.0 grs. WW680	1453 fps	1.375"
35.0 grs. WW680	1472 fps	1.00"

NEI #260.429K 260 grain

32.0 grs. H4227	1576 fps	2.00"
33.0 grs. H4227	1660 fps	1.50"
34.0 grs. H4227	1710 fps	2.50"
37.0 grs. WW680	1612 fps	2.625"
38.0 grs. WW680	1636 fps	2.00"
39.0 grs. WW680	1716 fps	2.00"

CAST BULLET LOADS

BULLET	POWDER CHARGE	VELOCITY	GROUP+
SAECO 260 260 grain Silhouette	32.0 grs. H4227	1560 fps	0.50"
	33.0 grs. H4227	1654 fps	1.75"
	34.0 grs. H4227	1648* fps	1.00"
	35.0 grs. H4227	1625* fps	2.50"
	37.0 grs. WW680	1515 fps	0.75"
	38.0 grs. WW680	1540 fps	0.75"
	39.0 grs. WW680	1577 fps	0.75"
	40.0 grs. WW680	1621 fps	3.00"

NEI #295

290 grain .429GC	32.0 grs. WW680	1424 fps	1.50"
	33.0 grs. WW680	1468 fps	0.625"
	34.0 grs. WW680	1549 fps	2.25"
	35.0 grs. WW680	1559 fps	1.25"
	36.0 grs. WW680	1561 fps	1.00"
	29.0 grs. H110	1439 fps	2.50"
	30.0 grs. H110	1493 fps	1.75"
	31.0 grs. H110	1585 fps	1.75"
	32.0 grs. H110	1602 fps	1.375"
	33.0 grs. H110	1634 fps	1.50"
	34.0 grs. H110	1694 fps	2.50"

SSK #310.429 300 grain

32.0 grs. WW680	1451 fps	1.75"
33.0 grs. WW680	1498 fps	1.625"
34.0 grs. WW680	1562 fps	2.00"
35.0 grs. WW680	1607 fps	2.00"
29.0 grs. H110	1469 fps	1.00"
30.0 grs. H110	1522 fps	0.875"
31.0 grs. H110	1611 fps	2.50"
32.0 grs. H110	1650 fps	1.25"
33.0 grs. H110	1686 fps	1.25"

Firearm: Dan Wesson .445 SuperMag

Barrel Length: 10 inches

Brass: IHMSA .445SM

Primer: CCI #200

Temperature: 60-70 F

Chronograph: PACT PC and Oehler 33

*All groups represent the center-to-center measurement of three shots at 25 yards from a hand-held sandbag rest.

*Velocities are actually lower with a heavier powder charge. A heavy roll crimp is not possible with these full-capacity loads.

PRIMER COMPARISONS

Load: 35.5 grs. WW680 and Sierra 250 gr. JFP

CCI #200 Large Rifle Primer: 1409 fps
 CCI #250 Large Rifle Magnum Primer: 1402 fps
 CCI #350 Large Pistol Magnum Primer: 1415 fps
 (Accuracy was unaffected by switching primers.)

BRASS COMPARISON

Load: 34.5 grs. H110 and 250 gr. Sierra JFP

New Brass: 1602 fps 2.125"
 Once Fired Brass: 1615 fps 1.250"
 Twice Fired Brass: 1706 fps 1.50"
 (Groups are 5-shots at 25 yards.)