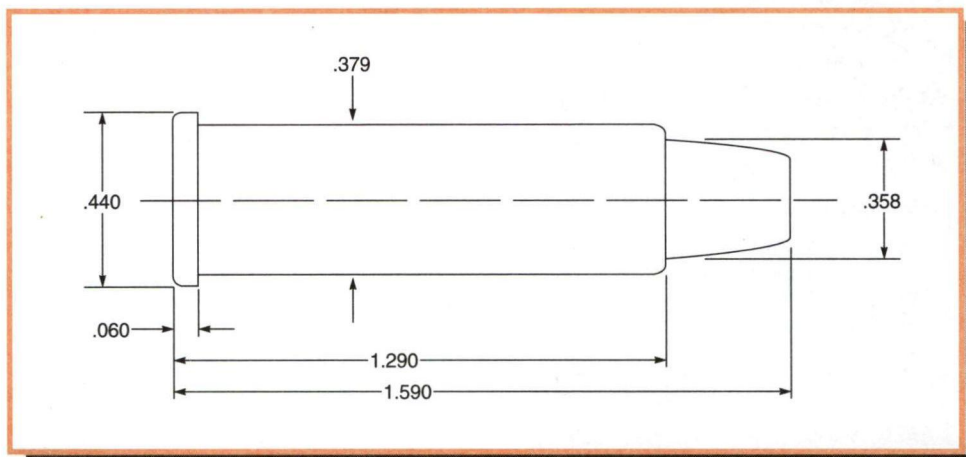


357 Magnum



Comments:

Never use 357 Magnum Loads in 38 Special cases as very dangerous pressure will result.

Handguns can vary in groove diameter and it is wise to slug your barrel before sizing cast bullets.

In order to maintain a maximum overall cartridge length of 1.590", it is sometimes necessary to crimp cast bullets on the forward edge of the first driving band.

When using half jacketed bullets velocities must be kept above 750 fps. to prevent bullet jackets from becoming lodged in the barrel (the lead cores may exit the muzzle and strike the

target). To crimp half jacket bullets, form the crimp at the junction of the jacket and exposed lead nose.

Bullet #358156 is extremely popular for heavy loads. Bullet #358429 closely duplicates the factory 158 grain semi-wadcutter. This is the Elmer Keith design bullet and makes an excellent choice for hunting.

For light loads Bullseye works best. Heavy loads work well with a wide range of powders but you might want to try 2400 for your first accuracy tests.

Test Components:

Cases Federal
Trim-to Length 1.280"
Primers CCI 550
Primer Size Small Pistol, Magnum
Lyman Shell Holder No. 1
Jacketed Bullets Used Speer JHP #4007, 110 gr.
Hornady JHP #35710, 125 gr.
Speer JHP #4203, 140 gr.
Speer JHP #4205, 146 gr.
Hornady JHP #35750, 158 gr.
Hornady JTC SIL #3577, 180 gr.

Cast Bullets Used (sized to .357" dia)
*gas check bullet
#356242, 90 gr.
#356242, 120 gr.
#356402, 120 gr.
*#358093, 125 gr.
#358477, 150 gr.
*#358156, 155 gr.
#358311, 160 gr.
#358429, 170 gr.

Test Specifications: (Velocity & Pressure)

Firearm Used Universal Receiver
Barrel Length4"
Twist 1-18 3/4"
Groove Dia.356"

110 gr. Jacketed HP							BC: .122
1.590" OAL							SD: .123
Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.	
Bullseye	7.0	1030	20,500	9.7	1471	40,300	
231	8.9	1142	29,300	9.5	1328	37,500	
Unique	7.4	1052	17,300	10.0	1392	36,400	
Blue Dot	10.0	930	12,400	14.6	1545	39,400	
2400	13.5	1045	17,400	20.3+	1561	39,100	
N110	17.8	1568	33,900	19.8	1693	41,300	
IMR-4227	14.8	1100	20,700	19.5+	1383	30,100	

125 gr. Jacketed HP							BC: .151
1.590" OAL							SD: .140
Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.	
Bullseye	6.5	864	21,000	8.6	1315	38,400	
Unique	7.0	990	18,900	9.7	1359	41,600	
AA#5	10.6	1223	31,100	11.8	1471	39,300	
Power Pistol	9.0	1238	32,100	10.0	1479	38,600	
N340	8.1	1147	31,800	9.0	1366	40,800	
HS-7	10.9	1098	21,400	14.4	1403	39,200	
Blue Dot	10.4	1113	20,000	13.3	1402	36,700	
2400	13.0	1159	24,900	17.7	1478	40,600	
N110	14.5	1157	26,000	17.5+	1371	38,500	
H110	21.0	1357	33,500	22.0+	1506	42,600	
IMR-4227	15.6	1232	31,200	19.5+	1427	37,400	

Note: Loads shown in shaded panels are maximum.
Loads shown in bold designate potentially most accurate load.
+ Designates a compressed powder charge.

357 Magnum



140 gr. Jacketed HP
1.590" OAL

BC: .152
SD: .157

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	5.7	705	20,300	8.0	1116	39,200
Unique	7.0	949	20,800	8.9	1233	40,000
AA#5	9.4	1035	30,600	10.5	1218	36,000
HS-6	8.4	1076	30,200	9.5	1257	37,500
Blue Dot	9.2	917	17,900	11.9	1272	35,200
2400	12.5	1047	26,500	16.5	1343	40,300
N110	15.3	1258	32,200	17.1	1505	39,900
H110	17.3	1287	31,600	18.0	1324	35,700
IMR-4227	15.0	1106	28,800	17.8	1372	41,400



146 gr. Jacketed HP
1.590" OAL

BC: .159
SD: .163

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	5.7	759	23,300	7.5	1077	39,900
Unique	6.3	928	25,900	8.1	1200	41,100
N340	7.6	1066	34,600	8.5	1212	45,000
AA#5	9.5	1034	32,100	10.6	1208	38,500
Blue Dot	9.0	943	21,300	11.5	1273	39,700
AA#7	10.8	1027	26,400	12.0	1337	41,700
2400	11.0	895	20,800	15.1	1242	39,100
N110	14.5	1075	27,700	16.2	1358	37,200
H110	16.3	1336	36,000	17.0	1380	41,900
IMR-4227	14.5	1045	29,500	16.0	1196	36,000



158 gr. Jacketed HP
1.590" OAL

BC: .206
SD: .177

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Unique	6.4	887	18,900	8.3	1185	38,300
Blue Dot	9.6	929	27,600	10.7	1158	39,800
AA#7	10.2	1005	31,200	11.5	1220	38,700
N110	11.5	851	21,800	14.0	1139	38,200
2400	11.3	938	20,700	14.9	1279	41,800
AA#9	13.4	1158	32,900	14.9	1357	42,900
H-110	16.3	1178	31,700	17.0	1309	38,400
IMR-4227	12.2	944	21,500	16.1	1249	41,400



180 gr. JTC SIL
1.585" OAL

BC: .232
SD: .202

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Blue Dot	8.4	782	27,300	9.4	970	39,100
N110	10.8	814	26,400	13.5+	999	40,800
2400	10.0	597	23,100	12.6	949	40,500
AA#9	11.2	857	29,200	12.5	1069	39,000
H-110	13.9	947	30,300	14.5	1101	38,100
296	—	—	—	14.9	1096	42,000
IMR-4227	11.7	602	22,900	14.6	933	40,000



#356242
90 gr. (Linotype) 1.585" OAL

BC: .105
SD: .101

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
700X	6.0	1206	19,700	8.3	1581	41,500
Bullseye	7.5	1365	25,900	9.5	1630	39,900
SR-7625	7.5	1262	20,700	9.8	1613	40,900
231	8.1	1329	25,600	10.1	1629	41,200
AA#5	10.0	1106	14,800	12.5	1642	30,900
Power Pistol	10.5	1301	25,300	11.7	1495	41,100



#356242
120 gr. (Linotype) 1.585" OAL

BC: .154
SD: .135

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	5.7	1045	16,500	8.0	1320	35,800
Unique	6.9	1088	21,100	9.1	1409	42,000
SR-7625	5.5	974	17,500	8.0	1335	41,100
AA#5	8.6	989	19,600	10.8	1450	37,300
Power Pistol	9.9	1308	33,100	11.0	1425	41,200
HS-6	11.2	1108	25,600	12.5	1376	40,100
HS-7	10.0	1053	18,400	13.2	1436	40,300
2400	13.0	1178	25,700	16.4	1494	41,700

Note: Loads shown in shaded panels are maximum.
Loads shown in bold designate potentially most accurate load.
+ Designates a compressed powder charge.

357 Magnum



#356402

120 gr. (Linotype) 1.590" OAL

BC: .146
SD: .135

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	6.5	994	18,800	8.3	1390	37,600
Unique	7.2	1134	15,800	9.4	1482	41,300
SR-7625	7.0	1205	23,000	8.8	1429	41,600
Power Pistol	9.9	1326	33,200	11.0	1449	41,000
HS-6	10.8	1325	30,400	12.0	1532	38,400
Blue Dot	10.8	1156	17,000	13.0	1564	41,400
2400	13.5	1140	17,300	19.5+	1565	37,200



#358093

125 gr. (Linotype) 1.585" OAL

BC: .079
SD: .140

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	5.5	890	26,800	6.8	1158	38,200
Unique	6.0	769	16,600	7.8	1290	38,900
Herco	6.5	903	23,000	8.0	1275	41,000
Power Pistol	7.8	1065	32,100	8.7	1360	40,000
AA#5	7.5	932	22,300	9.4	1359	40,000
HS-6	9.4	987	30,500	10.5	1230	38,600
Blue Dot	9.0	854	19,800	10.5	1339	39,600
2400	11.5	1026	26,400	14.0	1429	38,900



#358477

150 gr. (Linotype) 1.510" OAL

BC: .286
SD: .168

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	4.6	772	17,300	7.0	1114	36,900
Herco	6.2	972	17,700	7.8	1225	41,900
Blue Dot	8.2	950	13,000	10.8	1356	41,200
HS-6	9.0	1103	32,600	10.0	1301	40,100
AA#7	10.8	1068	25,300	12.0	1390	40,700
AA#9	12.1	1096	31,100	13.5	1331	40,600
2400	11.0	998	17,900	15.0	1362	41,400
N110	13.2	1152	32,400	14.7	1374	39,900
H110	16.3	1245	31,300	17.0	1351	39,900
IMR-4227	11.8	1044	21,700	16.0+	1333	40,200



#358156

155 gr. (Linotype) 1.590" OAL

BC: .213
SD: .174

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	4.8	828	18,000	7.0	1122	39,400
Herco	5.0	785	16,300	7.5	1151	41,000
HS-6	8.8	1069	29,100	9.7	1271	40,200
Blue Dot	8.5	975	21,500	10.5	1277	40,800
AA#7	10.8	893	28,300	12.0	1146	41,300
AA#9	13.0	998	29,500	14.5	1221	39,600
2400	10.6	999	24,900	14.0	1299	41,900
N110	12.0	1074	27,400	15.0+	1299	41,800
H110	15.0	1310	35,800	15.7	1363	40,300
IMR-4227	11.4	973	24,100	15.2	1254	41,300



#358311

160 gr. (Linotype) 1.590" OAL

BC: .228
SD: .179

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	4.9	821	17,500	6.9	1119	41,100
Herco	6.3	963	18,700	7.9	1203	41,000
HS-6	8.5	1046	32,600	9.7	1225	41,000
Blue Dot	8.2	888	11,600	10.9	1316	39,200
AA#7	10.2	1004	27,400	11.5	1213	41,000
AA#9	12.3	1123	28,700	13.7	1350	41,800
2400	11.4	1024	20,200	15.5	1344	39,700
N110	12.6	1054	26,400	14.0	1293	39,000
H110	15.8	1343	34,500	16.5	1463	40,300
IMR-4227	11.8	977	19,600	17.0+	1345	40,600



#358429

170 gr. (Linotype) 1.553" OAL

BC: .286
SD: .190

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	4.1	813	16,500	6.1	976	39,300
Herco	5.6	885	17,900	7.1	1105	39,000
Blue Dot	8.3	970	18,400	10.0	1233	39,200
AA#9	11.7	1028	33,800	13.0	1231	40,500
2400	9.7	879	15,900	13.5	1242	41,100
N110	12.3	1053	33,700	13.7	1212	40,000
H110	14.4	1172	33,500	15.0	1285	40,900
IMR-4227	9.8	835	14,100	14.5+	1233	40,800

Note: Loads shown in shaded panels are maximum.
Loads shown in bold designate potentially most accurate load.
+ Designates a compressed powder charge.