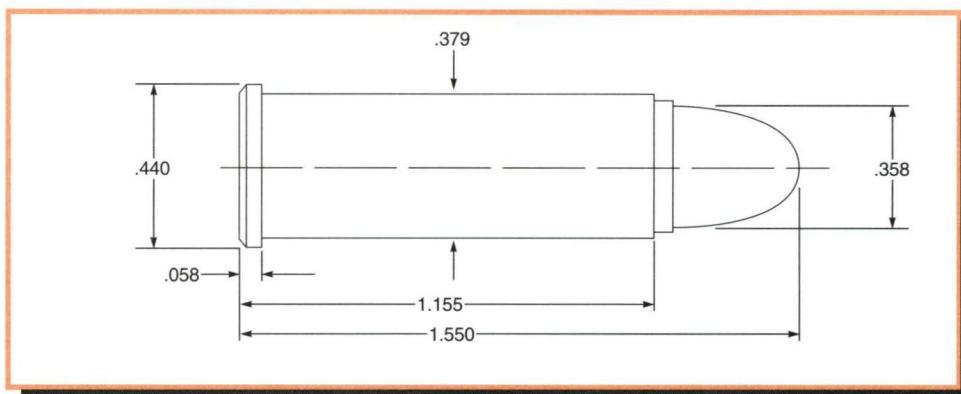


38 Special



Comments:

Loads designated with a +P symbol are higher pressure loads and must not be used in standard 38 Special revolvers unless the firearm manufacturer has suggested the use of such ammunition in your specific revolver. This caution should not be ignored. Under no circumstance should +P (plus P) ammo be used in revolvers with aluminum frames and/or aluminum cylinders.

Do not use charge weights below the starting load to prevent bullet jackets from half jacket bullets 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.

Test Components:

Cases Federal
Trim-to Length 1.149"
Primers CCI 500
Primer Size Small Pistol
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.

For target (mid-range) loads we suggest bullet #358091 with the suggested starting grains load. Bullet #358311 duplicates the factory lead round nose 158 grain bullet very closely. Bullet #358429 closely duplicates the factory 158 grain semi-wadcutter. This is the Elmer Keith design bullet and makes an excellent choice for hunting.

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

Bullseye and 231 consistently provide the best accuracy with all bullets.

Cast Bullets Used (sized to .358" dia)
*gas check bullet
#356242, 90 gr.
#356242, 120 gr.
#358091, 150 gr.
*#358156, 155 gr.
#358665, 158 gr.
#358311, 160 gr.
#358429, 170 gr.

Test Specifications: (Velocity & Pressure)

Firearm Used Universal Receiver
Barrel Length4"
Twist 1-18 3/4"
Groove Dia.357"

110 gr. Jacketed HP							BC: .122
1.430" OAL							SD: .123
Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.	
Bullseye	4.0	836	12,200	4.5	895	14,300	
				(+P)5.2	1054	18,600	
700X	4.1	875	13,700	4.6	983	16,800	
231	5.1	844	12,700	5.7	949	15,100	
				(+P)6.3	1062	18,400	
Unique	5.8	864	13,400	6.5	1007	15,700	
				(+P)7.1	1101	17,900	
Power Pistol	5.7	795	11,300	6.4	980	15,600	
				(+P)6.7	1098	18,700	
SR-4756	5.8	675	9,100	7.3	980	16,400	
				(+P)7.5	1027	17,500	
HS-6	6.5	593	7,700	9.0	978	16,200	
				(+P)9.5	1043	18,000	
Blue Dot	7.9	822	12,400	8.8	938	14,900	

125 gr. Jacketed HP							BC: .151
1.470" OAL							SD: .140
Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.	
Clays	3.2	719	11,800	3.8	870	15,900	
Bullseye	3.2	568	10,200	4.4	860	16,500	
				(+P)5.0	920	18,300	
700X	2.8	473	8,100	4.1	814	16,500	
				(+P)4.5	877	17,300	
AA#2	4.3	751	11,800	5.2	899	16,200	
231	3.9	589	10,600	5.1	820	15,600	
				(+P)5.4	882	18,300	
Unique	4.0	498	8,000	6.0	895	16,700	
Power Pistol	5.4	776	12,400	6.0	897	16,100	
				(+P)6.4	1005	18,800	
SR-4756	4.8	535	7,400	6.3	874	16,200	
HS-6	5.6	600	9,400	7.4	862	16,100	
Blue Dot	7.6	718	11,400	8.5	876	15,400	

Note: Loads shown in shaded panels are maximum.
Loads shown in bold designate potentially most accurate load.
(+P) Designates higher pressure loads. See Comments.

38 Special



140 gr. Jacketed HP
1.470" 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	3.5	533	11,900	4.3	714	16,500
231	3.9	496	12,100	4.7	684	15,800
Unique	4.3	537	11,200	5.3	709	15,900
SR-7625	4.2	505	10,800	5.1	715	16,100
HS-6	5.6	526	11,200	7.2	777	16,700
Blue Dot	7.2	688	13,600	8.0	838	16,300



146 gr. Jacketed HP
1.408" OAL

BC: .159
SD: .163

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Unique	4.3	741	11,200	5.1	745	16,800
				(+P)5.4	795	17,600
Power Pistol	4.7	756	14,500	5.0	811	16,200
Herco	5.0	711	15,100	5.2	744	15,900
SR-4756	5.0	633	13,400	5.6	778	16,600
HS-6	6.2	691	14,800	6.7	782	16,000
Blue Dot	6.7	595	12,500	7.4	772	16,600
2400	8.9	690	12,900	9.4	836	16,100



158 gr. Jacketed HP
1.480" OAL

BC: .206
SD: .177

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Clays	2.8	648	14,500	3.2	712	16,600
Unique	4.7	645	14,400	5.0	710	16,600
				(+P)5.2	761	18,200
AA#5	5.0	674	12,100	5.8	821	16,300
Power Pistol	4.3	659	14,800	4.8	700	15,600
SR-4756	4.9	611	13,800	5.4	705	16,800
HS-6	5.5	572	12,400	6.5	726	16,600
Blue Dot	6.0	607	13,500	6.7	711	15,700
2400	8.4	645	13,500	9.4	745	16,400



#356242
90 gr. (Linotype) 1.456" OAL

BC: .105
SD: .100

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
700X	3.0	675	5,700	5.0	1107	15,700
				(+P)5.3	1168	18,300
Bullseye	3.3	765	7,600	5.3	1110	15,700
				(+P)5.6	1168	17,600
Red Dot	3.8	830	8,800	5.2	1108	16,300
				(+P)5.5	1154	17,700
231	3.5	689	5,900	5.7	1104	16,300
				(+P)6.0	1163	17,800
Titegroup	5.7	1006	10,300	6.4	1216	15,700



#356242
120 gr. (Linotype) 1.450" OAL

BC: .154
SD: .134

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
700X	2.5	647	7,600	3.9	940	16,200
				(+P)4.2	987	17,900
Bullseye	2.8	690	8,600	4.6	1001	16,400
				(+P)4.9	1045	18,400
Red Dot	3.3	749	10,100	4.6	974	16,200
				(+P)5.0	1047	18,400
SR-7625	4.0	788	10,600	5.0	988	16,200
231	3.4	693	8,800	5.1	986	16,600
				(+P)5.4	1036	17,900
Unique	4.0	725	9,000	5.7	1012	16,200
Titegroup	3.8	900	12,700	4.3	1014	15,400



#358091
150 gr. (Linotype) 1.317" OAL

BC: .038
SD: .167

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
700X	2.9	854	13,300	3.3	917	15,500
Bullseye	3.1	837	13,100	3.5	925	16,400
Titegroup	3.1	854	13,600	3.5	942	16,000
AA#2	3.1	829	12,700	3.5	899	15,800
231	3.7	872	14,400	4.2	942	16,200
Unique	3.7	820	13,000	4.2	894	14,300

Note: Loads shown in shaded panels are maximum.
Loads shown in bold designate potentially most accurate load.
(+P) Designates higher pressure loads. See Comments.

38 Special



#358156

155 gr. (Linotype) 1.460" OAL

BC: .213
SD: .173

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	2.8	638	10,000	4.0	858	16,000
				(+P)4.4	915	18,100
PB	3.0	584	8,700	4.2	825	16,200
231	3.5	680	11,100	4.7	885	16,800
				(+P)5.0	934	18,000
AA#5	5.0	793	13,300	5.6	870	15,600
Unique	3.4	601	8,900	5.1	895	16,100
				(+P)5.4	954	18,000
Universal	4.3	758	12,600	4.8	869	15,600
				(+P)5.1	931	17,400
SR-4756	4.2	630	9,500	5.5	898	16,700
HS-6	4.4	564	8,000	6.7	894	16,600
Blue Dot	6.0	686	10,400	7.2	867	15,700



#358665

158 gr. (Linotype) 1.445" OAL

BC: .267
SD: .176

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	3.0	786	14,900	3.4	855	16,600
231	3.6	769	13,100	4.0	837	15,900
Unique	4.0	791	13,100	4.5	871	16,000
Universal	4.2	760	12,500	4.7	867	15,800
AA#5	4.9	781	13,100	5.5	857	15,700
SR-4756	4.9	785	13,000	5.5	872	15,800
Blue Dot	5.9	765	12,200	6.6	855	15,700



#358311

160 gr. (Linotype) 1.550" OAL

BC: .228
SD: .178

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Bullseye	3.2	796	13,200	3.6	863	15,800
				(+P)4.1	936	18,300
Titegroup	3.2	775	11,100	3.6	877	16,200
231	3.5	675	9,600	4.9	906	16,800
				(+P)5.2	956	18,500
Unique	4.2	801	11,400	4.7	905	15,900
				(+P)5.3	982	18,500
SR-4756	4.2	620	8,700	5.5	874	16,000
AA#5	5.2	813	12,000	5.8	904	16,100
HS-6	4.5	610	8,200	6.7	901	16,200
Blue Dot	6.3	809	13,200	7.0	883	15,800



#358429

170 gr. (Linotype) 1.537" OAL

BC: .286
SD: .189

Powder	Sugg Starting Grains	Velocity fps	Pressure C.U.P.	Max Load Grains	Velocity fps	Pressure C.U.P.
Clays	2.3	722	11,500	2.9	824	15,900
Bullseye	2.8	781	13,600	3.2	833	15,500
Titegroup	3.0	808	14,100	3.4	864	16,500
231	3.0	599	9,300	4.6	855	16,900
Unique	3.7	761	12,200	4.2	841	15,500
SR-7625	3.4	621	9,700	4.6	821	16,300
AA#5	4.3	755	11,500	5.1	894	16,100
SR-4756	4.2	645	10,000	5.4	836	16,400
HS-6	5.0	677	11,000	6.4	856	16,800
Blue Dot	6.0	780	12,700	6.7	851	15,000

Note: Loads shown in shaded panels are maximum.
Loads shown in bold designate potentially most accurate load.
(+P) Designates higher pressure loads. See Comments.