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The following numbers represent the Sporting Arms and Ammunition Manufacturers Institute (SAAMI) service pressures used in the manufacture of shotshell ammunition to ensure that pressures remain within the safe limits of each particular gauge. These guidelines are used by each ammunition manufacturer to ensure that pressures remain below these parameters. These are NOT proof pressures, which run 30 to 50 percent higher. These pressures are the very top of allowable pressure for any round, and while some ammunition approaches these service pressures, they never exceed them.

Gauge/ bore	Chamber length (in.)	Maximum service pressure
10	3 1/2	11,000 psi
12	3 1/2	14,000 psi
12	3	11,500 psi
12	2 3/4	11,500 psi
16	2 3/4	11,500 psi
20	3	12,000 psi
20	2 3/4	12,000 psi
28	2 3/4	12,500 psi
.410	3	13,500 psi
.410	2 1/2	12,500 psi