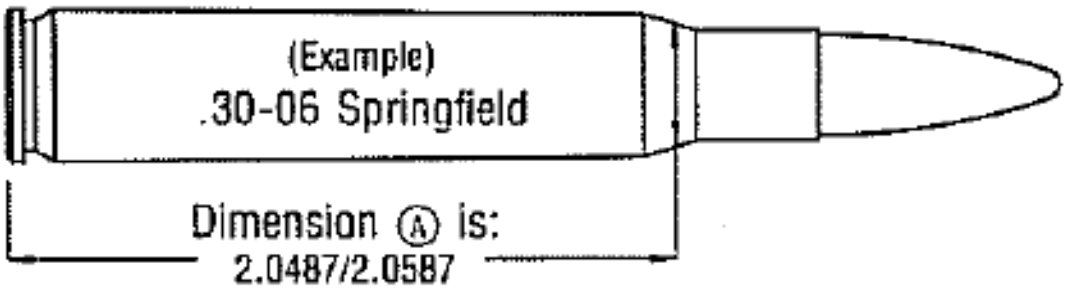
Although chamber headspace is determined in different ways for various types of cartridges, to the reloader the important measurement is the base of the case to the datum point on the shoulder as shown below as Dimension A. This dimension has a major effect on accuracy and safety.



The zero on the headspace gauge represents the minimum number of dimension A.

CALIBER	DIMENSION A
.22-250	1.5749/1.5849
.220 Swift	1.8060/1.8160
.222 Remington	1.2936/1.3036
.223 Remington	1.4636/1.4736
.243 Winchester	1.6300/1.6400
6mm Remington	1.7767/1.7867
.25-06	2.0487/2.0587
.257 Roberts	1.7937/1.8037
6.5mmx55 Swedish Mauser	1.7794/1.7894
.270 Winchester	2.0487/2.0587
.280 Remington	2.1000/2.1100
7mm Remington Magnum	2.1253/2.1353
7mm Thompson/Center Ugalde	1.4600/1.4650
7mm-08 Remington	1.6300/1.6400
7mmx57 Mauser	1.7947/1.8047
.30-06 Springfield	2.0487/2.0587
.300 Winchester Magnum	2.2791/2.2891
.308 Winchester	1.6300/1.6400
.338 Winchester Magnum	2.1253/2.1353
.375 H&H Magnum	2.4700/2.4800

The first thing your new headspace gauge will do for you is determine the linear endplay of a cartridge in the chamber of your gun with the bolt closed. You then can compare the headspace of your gun to ANSI* standards. Your gauge will allow you to adjust your resizing die to produce