

Reference Material for Recoil Springs for Use in:

Colt 1911, 1911A1, 1991, Government, MKIV and Gold Cup models

COLT 1911 FACTORY RECOIL SPRING NOTES

1. Factory rating for super .38 & 9mm is 14 Lbs.
2. Factory rating in .40 S&W is 19 Lbs.
3. Factory rating for the Colt .38 Spl. Midrange is 14 Lbs.
4. Factory rating for the Colt Ace .22 conversion is 14 Lbs.

Wolff Springs Maker data:

CONVENTIONAL RECOIL SPRINGS - .45 ACP

- Reduced Power...: 7, 8, 9, 10, 11, 12, 13, 14, 15 Lb.
- Factory Standard.: 16 Lb.
- Extra Power.....: 17, 18.5, 20, 22, 23, 24, 26, & 28 Lb

Conventional Recoil Springs - Chrome Silicone

Variable Power Recoil Springs - .45 ACP

Reduced Power...: 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, & 15 Lb.

Factory Standard.: 16.5 Lb.

Extra Power.....: 17.5, 18.5, 20, & 22 Lb.

Combat NCO's use Standard Mil-Spec springs made by **Karl Lippard Designs**. They are 16.5 pound. You can shoot 825 fps to 950 fps 230 grain FMJ ammunition using this spring. There are no buffers in our pistols which mean they do not have under powered springs. **We make Professional Pistols**. On occasion some brands of ammunition may require a slightly reduced spring of 15 lbs. Function is reduced in cold weather, over lubrication and accumulated powder fouling. Combat NCO's come lubricated with a dry lubrication that if wiped when cleaning it will remain in place for years. Cold weather the nickel anti-seize is used for function down to minus -76 degrees. **As delivered the operational temperature of an NCO pistol is plus +500 degrees.** With *Nickel Anti-Seize* it goes to -2650 degrees. **General break in period for an NCO is 25,000 rounds shooting dry.** As near production match guns they have been cycle tested by hand by me and deemed good to go. However if you need additional springs I would use a variable power 16 lb. spring which takes you down to near 790 fps and allow for junk ammo to function with a variance of powder and fps. I am testing shortly if that should become a standard a chart will be published as soon as practical listing ammo and corresponding springs.

Karl Lippard