

Beeman FTS pellets were used all of today's shooting. This pellet is also known as the H&N Field & Target Trophy. The RWS Super-H-Point is another accurate shooter in this pistol but I did the bulk of today's plinking with the 14.5 gr FTS. Both of these pellets currently shoot approximately 420 fps from this pistol.

All distances were measured with a 100 foot tape. All shooting was offhand using an isosceles hold.

Targets	
Campbell's Soup Can (10 oz - 28.1 ml)	2 3/4" Dia. x 3 9/16"
Heinz Bean Can (14 oz - 398 ml)	3 0/8" Dia. x 4 4/16"
Hunt's Pasta Sauce Can (22 oz - 680 ml)	3 4/4" Dia. x 5 4/16"
Large Coffee Can (1 kg - 2.2 lbs)	6 1/2" Dia. x 6 3/16"

Shooting Results	
20 yds Campbell's Soup Can	8/10 hits + 10/10 hits
25 yds Heinz Bean Can	8/10 hits + 8/10 hits
30 yds Hunt's Pasta Sauce Can	8/10 hits + 10/10 hits
40 yds Large Coffee Can	8/10 hits + 8/10 hits
40 yds Hunt's Pasta Sauce Can	8/10 hits + 5/10 hits + 6/10 hits

Penetration

- 20 yards - usually penetration through both sides of can
 - can flips over
- 25 yards - usually a slot is ripped through one side of can
 - can falls over
- 30 yards - a deep dent in can
 - can falls over if hit solidly
- 40 yards - Coffee can does not fall over
 - Hunt's can will often fall over if hit solidly

Notes

- ☞ look several sighter shots prior to scoring at each distance
- ☞ there was a slight breeze when shooting but nothing terrible
- ☞ all measurements were double checked prior to leaving the shooting area
- ☞ all shooting was carefully documented

June 18, 2003

Offhand Shooting

I always seem to do my best offhand shooting late at night, when most normal people are sleeping. I guess I relax more at night and have less wobble.

The distance was 10 meters and the official 10m AP target was used. All shooting was with an offhand two handed isosceles hold. I used the RWS Super-H-Point pellets for all 5 shot groups. A generic Pledge spray was used as a pellet lube.

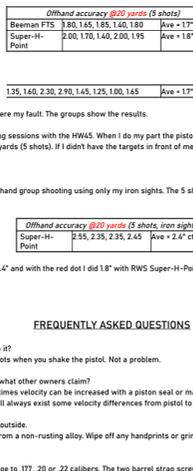
All groups were measured center-to-center with the points on a vernier caliper, and rounded to the nearest hundredth.

Groups, in order, were:

Group #1	0.82"
Group #2	0.94"
Group #3	0.68"
Group #4	0.68"
Group #5	0.66"

Average group size was 0.74" ctc. That's a Personal Best with a springer pistol at 10 meters! I can't believe!!! I usually manage 1.0" at this distance.

Offhand Shooting @10 meters (5 shot groups)



June 2004

Offhand Shooting

Shooting a P-1/HW45 from a sandbag rest is an exercise in frustration. The recoiling pistol doesn't seem to perform at it's best when held in a rest so I decided to shoot several offhand groups (isosceles hold) using the Millet red dot.

Offhand accuracy @20 yards (5 shots)	
Beeman FTS	880, 145, 185, 140, 180 Ave = 1.7" ctc
Super-H-Point	200, 170, 140, 200, 195 Ave = 1.8" ctc

I then shot 8 more groups with the FTS.

135, 140, 230, 290, 145, 125, 100, 145	Ave = 1.7" ctc
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I obviously had a couple of flyers that were my fault. The groups show the results.

This was one of my best offhand shooting sessions with the HW45. When I do my part the pistol performs quite well and I have no doubt the HW45 is capable of sub 1" groups at 20 yards (5 shots). If I didn't have the targets in front of me I would never had though the HW45 was as accurate as it is.

Red Dot Versus Iron Sights

During June 2003 I did some 20 yard offhand group shooting using only my iron sights. The 5 shot groups were fairly reasonable although not as small as with the red dot mounted.

Offhand accuracy @20 yards (5 shots, iron sights)	
Super-H-Point	2.55, 2.35, 2.35, 2.45 Ave = 2.4" ctc

With iron sights I managed to average 2.4" and with the red dot I did 1.8" with RWS Super-H-Point pellets. I reduced my groups by 25% by using the dot sight.

FREQUENTLY ASKED QUESTIONS

- Q- Why does my P-1 rattle when I shake it?
A- The two cocking arms move in the slots when you shake the pistol. Not a problem.
- Q- Why does my P-1 shoot slower than what other owners claim?
A- Possible breech seal damage. Sometimes velocity can be increased with a piston seal or mainspring change. Proper lubrication also helps. Some barrels might be tighter. There will always exist some velocity differences from pistol to pistol, as with rifles.
- Q- Does the P-1 need to be oiled on the outside.
A- The P-1/HW45 outer frame is made from a non-rusting alloy. Wipe off any handprints or grime with a soft, dry cloth.
- Q- Can I change calibers?
A- A new barrel can be ordered to change to .177, .20 or .22 calibers. The two barrel strap screws are often very tight and finding the proper size allen wrench can be a challenge.
- Q- Is the Beeman P-1 better than the Weirrauch HW45?
A- No, it's the same pistol. Same velocity, same accuracy.
- Q- Is the HW45 difficult to disassemble?
A- A spring compressor is recommended. The pistol is not simple to disassemble, but it's not very confusing either. Go slowly and use the instructions in the review.
- Q- Is the P-1/HW45 difficult to shoot accurately?
A- Once you learn to shoot a spring-piston pistol, the HW45 accuracy is very good.
- Q- Is the P-1/HW45 powerful enough for hunting?
A- The muzzle energy is approximately 5.2 to 6.0 fpe, depending on caliber and pistol. Accuracy is generally more difficult to achieve with a pistol versus a rifle. That's all I'll say.