

5 STAR MUZZLE BRAKE



I have shot a multitude of muzzle brakes and have a list of certain desired results.

1. Recoil reduction is certainly important but certainly not the only parameter of importance.
2. The ability to stay on target is very high on my list - an asymmetrical design helps do this more easily.
3. Some (barrel) harmonic tuneability of the brake is also desirable, the ability to turn the 5 Star Brake complete revolutions either in or out (and lock in place) will yield at least one sweet spot which will allow your rifle to shoot smaller groups.
4. Being able to comfortably use this brake with either a set of ear plugs or a set of ear muffs is important. Brakes which blow the gas to the rear require me to use both plugs and muffs.
5. A brake which will conform to the International Benchrest Shooters rules is always a plus.
6. A brake whose ports are positioned so as not to disturb the ground in front (no dirt blown on myself or a competitor next door).
7. While I am completely in agreement that an effective brake for a 40 gr capacity case only needs 3 or 4 sets of ports to be very effective, a 90 grain capacity case will effectively utilize all 5 sets of ports. If desired you can machine off a complete set of ports and still have an effective and good looking brake.
8. Thread diameters of smaller than 5/8" are suspect in my opinion for bores larger than 6mm. The 5 Star brake is a 3/4 x24 tpi design. Threaded adapter sleeves in 5/8 x 24 tpi are available if you already have your muzzle threaded as such.

The 5 Star brake accomplishes all of the 8 parameters outlined above. It contains 5 star shaped (10 exit ports) exit angled muzzle blast portals along with an asymmetrical design.

It is supplied with a trailing locking nut so as to facilitate brake placement for tuneability.

Threads are $\frac{3}{4}$ x 24 tpi so bore diameters up thru .375 caliber have enough body wall thickness for peace of mind.

Retail price of \$125.00 Includes both the 5 Star brake and trailing locking nut

5/8 x 24 tpi threaded adapters \$10 each

All parts are made from 416 stainless.