

The majority of competitors at international smallbore competitions or big national events use a barrel extension tube. These 'pipes' don't just look good, they also fulfil several important functions:

- tubes improve the balance and the inertia of the rifle. This means less movement, the recoil of the rifle during the shot is reduced. A purely physical effect which is 'gifted' to the shooter and which brings noticeable advantages especially during the smallbore shot.
- The extra variable weight of the tube allows the muzzle inertia to be adjusted to suit. Bigger shooters and those who use a support are thereby able to achieve greater 'muzzle-heaviness'. Depending on the position (prone more, standing less), the forces acting on the muzzle can be changed.



- Experienced competitors also change the balance of the rifle depending on the form of the day. If the stability is not so good, the balance will be changed. This is done by moving a muzzle weight forwards, or similar.
- Barrel tubes influence the vibration of the barrel and thereby have an effect on the grouping capability. As a rule, they lead to an improvement in accuracy. In smallbore barrels, this effect can be quite noticeable. Of course, the tube needs to be mounted when testing ammunition.

- Barrel extensions give every rifle a special look and permit simple adjustment of barrel length, sight-base and balance.

In smallbore shooting, it is necessary to clean the tube; after every shoot it needs to be taken off and scrubbed.

To this end, the MEC-*strike* is equipped with a patented connection. In a few movements it can be demounted, cleaned and refitted exactly as before.

The new tube '*BERTA*' goes one step further; in this case, only the inner tube needs to be taken out and separately cleaned (or packed away). A snap-fit makes for speedy and absolutely precise mounting. One of the best ideas of the year *and it also shoots!*

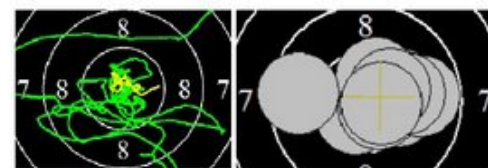
The standing tripod has taken over the scene in nothing flat, which is no surprise given that loading from a tripod reduces the workload in position by about 25 %. This eases the burden for the back, gives a significantly more exact reproduction of the position, and a higher shooting tempo. The hold is automatically steadier, the scores also become more stable.

We originally conceived our tripod for our own needs, and thereby went for uncompromising adjustability, quality and stability. Also, big guys over 190 cm tall should still have enough adjustment in reserve.

As it happens, the MEC-tripod has enjoyed unexpected success. For those who are weary of the cheap alternatives from eastern Europe, the DIY market, or the other discounters, it is a really good buy!

Je länger ein Pendel ist, desto langsamer schwingt es von einem Pol zum anderen. Je schwerer es ist, desto stabiler ist seine Bahn. Zwei einfache Regeln der Physik. Laufverlängerungen sind die mechanische Umsetzung dieser Prinzipien auf Gewehre. Variable Gewichte sorgen für die individuelle Feinabstimmung.

Schon geringe Verschiebungen von Länge und Gewicht (an) der Hülse führen zu erstaunlichen Effekten. Eine Option, die kein Wettkämpfer ungenutzt lassen sollte. Gerade Aufgelegt und Liegend zählt jedes Gramm, das man zur Mündung bringt.



In cases of sideways wobbling or groups where the shots are clearly distributed left-right, it is worthwhile experimenting with greater muzzle inertia.

To this end, the ideal thing is to employ a SCATT, so as to be able to inspect the end phase of the green line and the yellow trace in detail.

In the ideal situation, the ratio of sideways to vertical movement is about 100 to 80. If your horizontal traces are wider, you should add weight to the muzzle. Those who have trouble with the height should reduce weight at the front.



In smallbore shooting, especially in the prone position, almost all shooters use a barrel extension tube of some kind.

Unfortunately, the mass-produced articles seldom come up to expectations, so that among the experts one mostly only finds 'home made' versions. Until now, such specially-made devices were very expensive and time-consuming. On top of which, these sleeves consume a lot of time for cleaning and mounting.

After exhaustive experimentation, MEC presents a practical precision tube. The frame is a once-only fixed mounting, the tubes which are slid in can be cleaned without difficulty. There is no need for a new giant gun case.

