

8.5x55 Blaser – Success Redefined Maximum Power for Short Barrels

Rifles with silencers are gaining more and more importance. In order to keep the firearm as compact as possible with a silencer, short barrels are the perfect choice. Especially for this reason, Blaser has developed the caliber 8.5x55. Even with barrel lengths of less than 50cm, it reaches ideal ballistic values that are normally only achievable with use of longer barrels for high-performance calibers.



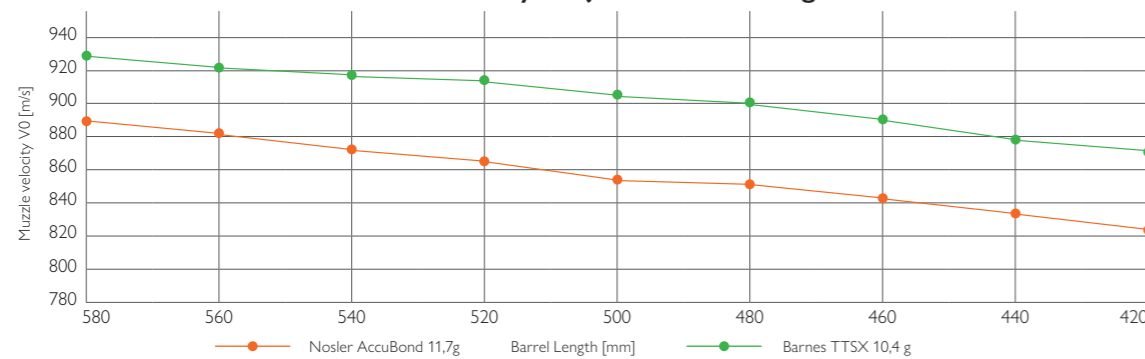
8.5mm bullet diameter with 10.4g and 11.7g bullet weight, together with a high bullet velocity provides the best possible effect as well as a very long trajectory. These features make the 8.5x55 Blaser a caliber with an incredibly wide field of use; ranging from local hunting territories to hunts for moose or large antelopes.

| Barnes TTSX | 10.4g · 160gr (Bc = 0.342) LEAD-FREE | | | | | | |
|-----------------|--------------------------------------|------|------|------|------|-------|-------|
| Distance (m) | 0 | 50 | 100 | 150 | 200 | 250 | 300 |
| Speed (m/s) | 940 | 892 | 845 | 800 | 756 | 714 | 673 |
| Energy (J) | 4597 | 4136 | 3715 | 3329 | 2976 | 2653 | 2358 |
| ⊕ 100m | -4 | -0.5 | 0 | -3 | -9.7 | -20.8 | -36.6 |
| MRD ⊕ 182m (cm) | -4 | 1.5 | 4 | 3 | -1.7 | -10.8 | -24.6 |

| Nosler AccuBond | 11.7 g · 180 gr (BC = 0.372) | | | | | | |
|-----------------|------------------------------|------|------|------|-------|-------|-------|
| Distance (m) | 0 | 50 | 100 | 150 | 200 | 250 | 300 |
| Speed (m/s) | 910 | 867 | 826 | 786 | 747 | 709 | 672 |
| Energy (J) | 4830 | 4387 | 3978 | 3600 | 3252 | 2930 | 2633 |
| ⊕ 100m | -4 | -0.4 | 0 | -3.2 | -10.4 | -22 | -38.5 |
| MRD ⊕ 181m (cm) | -4 | 1.6 | 4 | 2.7 | -2.5 | -12.1 | -26.6 |

Ballistic data of barrels with a length of 600mm

Muzzle velocity subject to barrel length



The R8 Ultimate Leather with Blaser
Over-Barrel silencer and barrel length 600mm.



A barrel shortened by 13cm results in a minimal loss in performance

The R8 Ultimate Leather with Blaser
Over-Barrel silencer and barrel length 470mm.

