

Application

Application	Typical usage	Riflescope configuration suggestions
Allround big game hunting rifle	shooting at deer-size game at close to moderate ranges (50 to 300 yards)	3-9×40, 2.5-10×40, 2-10×42, 4×32, 6×36 or 6×42
High altitude hunting/light rifle applications	same as above except you are more winded when you take the shot	1.5-8×32, 2-8×32, 6×36 or 4×32
Brush Hunting	mostly close range shots in wooded areas	1-4×24, 1.5-8×32, 1-6×24, 2.5×20 Reflex Sight
DGR (Dangerous Game Rifle)	you are after the largest and most dangerous game that might try to eat or trample you	1-4×24, 1-6×24, 2.5×20, Refelx Sights, iron sights
Open Plains Hunting	sometimes you just can't get any closer, so you may have to take a 400yard shot, while anything less than 100yards is not likely	3-12×42, 4-16×42, 3-15×42, 4-16×50
Ultra-low Light Use	Most of your shots will not be particularly long, but visibility is likely to be atrocious	2.5-10×56, 3-12×56, 7×56 or 8×56
Tactical Carbine/SHTF (typically AR-15 with 16" barrel)	Anything from clearing buildings to mid-range engagement	1-4×24, 1-6×24, 1-8×24 Compact prism sight (Elcan, ACOG, HAMR) Reflex Sight w/ magnifier
Walking Varminter	You plan to mount this scope onto a rifle that you need to be able to carry with you. You mostly plan to shoot at coyote-size targets, or a little smaller and the distances can be pretty significant	4-16×40, 2.5-16×42, 3-15×42, 3-18×44
Long-range Varminter	This scope is likely to be mounted on a heavy-barrel rifle to shoot at prairie dogs or similarly small targets that are never that close	10-50×60, 6-24×50, 8-32×56
Target Shooting	You are trying to print the smallest possible groups out on the range with a dedicated heavy barrel rifle	6-24×50, 8-32×56, 10-50×60, 15-60×52, 20×42 or 24×42 or 36×42

<p>Mid to Long Range Tactical</p>	<p>You plan to shoot WAAAAAY out there at human-sized targets (that are, hopefully, not shooting back at you) and you might do it in some very adverse lighting and environmental conditions</p>	<p>3-15×50, 5-25×56, 5-20×50 (10×42 if you are originalist or want to go light)</p>
-----------------------------------	--	---