



# 22 Hornet

with 30-grain TNT® Green™ HP

## LABNOTES

The 22 Hornet is as popular as ever and Speer offers a lead-free varmint bullet option to Hornet reloaders. The 30-grain TNT® Green™ bullet produces the terminal performance varminters need, with plenty of velocity and excellent accuracy.

The throat in Hornet chambers varies quite a bit. The cartridge overall length (COAL) we used for the TNT Green fits the throat of the “standard” chamber; that design specifies no free-bore. If you know your rifle has a little free-bore, you might try seating the bullets slightly longer; that can often tighten groups in free-bored Hornet rifles. Remember not to exceed the industry maximum COAL of 1.723 inch.

Because it contains no lead alloys, the TNT Green bullet is 16 percent longer than our 33-grain TNT in spite of being 10 percent lighter. This affects propellant capacity. The extra length also means that many of the loads are compressed to some degree. A powder funnel with a long drop tube will facilitate case charging.

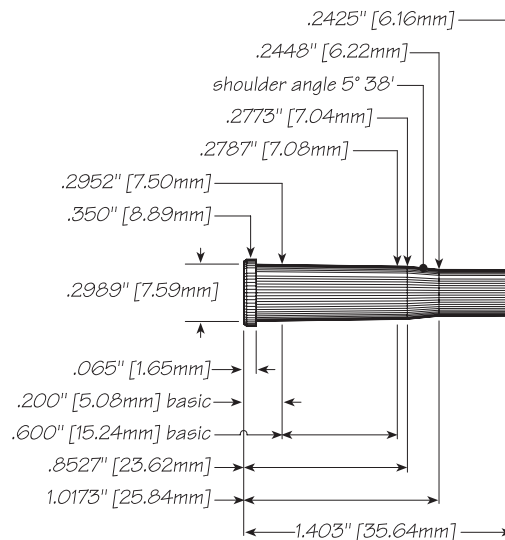
It is important to safety that you not attempt to use reloading data for any 22 Hornet bullets of conventional construction with TNT Green bullets.

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0.224"	TNT Green HP
Weight, grains	30
Ballistic Coefficient	0.083
Sectional Density	0.085
COAL Tested:	1.675"
Speer Part No.	1021

Propellant	START CHARGE		MAXIMUM CHARGE	
	Weight, grs	Muzzle Velocity, ft/sec	Weight, grs	Muzzle Velocity, ft/sec
296	12.0	3086	<b>13.0C</b>	3279
H110	11.5	3042	<b>12.5</b>	3239
2400®	10.5	2948	<b>11.5C</b>	3107
Viht. N110	9.5	2741	<b>10.5C</b>	2888
Accurate 1680	12.5	2623	<b>13.5C</b>	2826
IMR 4227	10.5	2649	<b>11.5C</b>	2814



<b>Max. Case Length:</b>	1.403"	<b>Cart. Case:</b>	Winchester
<b>Trim-to Length:</b>	1.393"	<b>Primer:</b>	Federal® 205
<b>Max Cart. OAL:</b>	1.723"	<b>Test Firearm:</b>	Universal Receiver
<b>RCBS® Shell Holder:</b>	#12	<b>Barrel Length:</b>	24"

**WARNING:** Improper handloading practices can result in serious personal injury and/or property damage. Refer to the current SPEER® Reloading Manual for handloading instructions. Be thoroughly familiar with those instructions before using these loads. As ATK has no control over individual handloading practices or the condition of firearms in which the resulting ammo may be used, we disclaim all liability for any damages that may result from the use of this information.

Maximum Loads should be used with CAUTION • C = Compressed Load • \*Magnum Primer used with this powder.