



*The SAAMI spec twist rate for this cartridge is 1:10". This is fine for all bullets except the 62-grain TSX, which requires a 1:9" twist, and the 70-grain TSX, which requires a 1:8" or faster twist.

◆ Indicates most accurate load

.223 WSSM

Bullet Weight: 36 gr **Case Trim Length:** 1.660" **S.D.** 0.102
Bullet Style: Varmint Grenade **Primer:** Fed GM210M **B.C.** 0.149
COAL: 2.100" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
RL 15	42.0	4188	46.0	4516	95
◆ H414	46.5	4140	51.5	4465	97

Bullet Weight: 45 gr **Case Trim Length:** 1.660" **S.D.** 0.128
Bullet Style: Banded Spitzer **Primer:** Fed GM210M **B.C.** 0.195
COAL: 2.110" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Bullet Weight: 45 gr **Case Trim Length:** 1.660" **S.D.** 0.128
Bullet Style: TSX FB **Primer:** Fed GM210M **B.C.** 0.188
COAL: 2.110" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
IMR 4064	38.5	3822	43.5	4239	92
◆ H380	44.0	3889	48.5	4201	94

Bullet Weight: 50 gr **Case Trim Length:** 1.660" **S.D.** 0.142
Bullet Style: Varmint Grenade **Primer:** Fed GM210M **B.C.** 0.183
COAL: 2.100" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
◆ IMR4350	42.0	3720	46.0	4005	99
◆ Hunter	45.5	3774	49.5	4042	97
◆ RL19	46.0	3648	50.0	3888	105

Bullet Weight: 50 gr **Case Trim Length:** 1.660" **S.D.** 0.142
Bullet Style: TSX FB **Primer:** Fed 210 **B.C.** 0.197
COAL: 2.090" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
♦ IMR 4350	44.0	3785	49.0	4056	104
RL 17	43.5	3799	47.5	4093	98

Bullet Weight: 53 gr **Case Trim Length:** 1.660" **S.D.** 0.151
Bullet Style: TSX FB **Primer:** Fed GM210M **B.C.** 0.204
COAL: 2.110" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
♦ IMR 4064	36.5	3638	41.0	3937	89
♦ Big Game	41.5	3615	46.5	3934	95

Bullet Weight: 55 gr **Case Trim Length:** 1.660" **S.D.** 0.157
Bullet Style: MPG **Primer:** Fed GM210M **B.C.**
COAL: 2.160" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
♦ IMR4350	41.5	3625	45.5	3886	99
Hybrid100V	42.5	3685	46.5	3951	104

Bullet Weight: 55 gr **Case Trim Length:** 1.660" **S.D.** 0.157
Bullet Style: TSX FB **Primer:** Fed 210 **B.C.** 0.209
COAL: 2.090" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
♦ RL 17	42.0	3689	46.0	3962	96
Hybrid 100V	43.5	3672	47.5	3941	105

Bullet Weight: 62 gr **Case Trim Length:** 1.660" **S.D.** 0.177
Bullet Style: TSX BT **Primer:** Fed GM210M **B.C.** 0.287
COAL: 2.180" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
♦ Varget	34.5	3377	38.5	3628	82
Big Game	39.0	3342	44.0	3677	91

Bullet Weight: 70 gr **Case Trim Length:** 1.660" **S.D.** 0.199
Bullet Style: TSX BT **Primer:** Fed GM210M **B.C.** 0.314
COAL: 2.180" **Barrel Length:** 24"
Case: Winchester **Twist Rate:** 1:10"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
♦ H414	40.5	3333	44.5	3582	88
Hybrid100V	41.0	3406	45.0	3672	103