

6mm International

Test Specifications:

Firearm Used: Savage 12VSS

Barrel Length: 26"

Twist: 1 x 8"

Components:

Case: 250 Savage Reformed

Trim-to Length: 1.902"

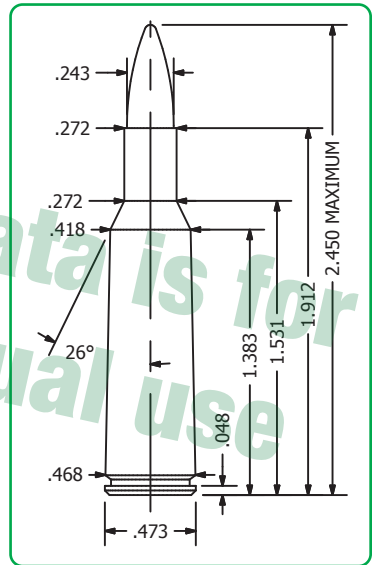
Primer: WLR

Remarks:



The 6mm International is based on the 250 Savage case necked down to accept .243 bullets. When the Army Advanced Marksmanship Training Unit became interested in 300 meter competition in 1957-58, this 6mm wildcat was one of the cartridges they tested. Ultimately, the 308 Winchester was chosen for our military competition teams, dropping the International from contention. Little more was done with the cartridge until it was picked up by benchrest competitors. It enjoyed a brief period of popularity before being displaced by newer developments.




Several versions of the 6mm International still exist. The one shown here is the design by Mike Walker, as chambered by the Remington custom shop. Walker, a Remington engineer and noted benchrest shooter, retained the same case length as the parent 250 Savage, but pushed the shoulder back to reduce capacity and create a longer neck. With Remington offering special order factory rifles, this is the version most commonly encountered.

Today, the 6mm International is an obsolete cartridge. Larger 6mm cartridges, such as the 243 Winchester and the 6mm Remington, are superior for big game use since they handle heavier bullets more effectively. Benchrest competitors have long since abandoned the International in favor of a multitude of newer cartridges, leaving it as something of an orphan. The 6mm International is rarely seen today among active shooters but is, nonetheless, a useful cartridge with an interesting history.







6mm INTERNATIONAL



| Bullet | | Caliber | Weight | Type | C.O.A.L. | | | | |
|--|----------|----------|--------|-----------|--------------|------|---------------|------|--|
|  | #1500 | .243" | 60gr. | HP | 2.440" | | | | |
|  | #1502 | .243" | 55gr. | BlitzKing | 2.460" | | | | |
| Powder | Velocity | 3100 | 3200 | 3300 | 3400 | 3500 | 3600 | 3700 | |
| IMR-4198 | | 26.2 | 27.1 | 28.0 | 28.9 | 29.8 | 30.7 | 31.6 | |
| IMR-3031 | | 30.3 | 31.1 | 31.9 | 32.7 | 33.5 | 34.3 | | |
| IMR-4895 | | 32.6 | 33.4 | 34.1 | 34.9 | 35.6 | 36.4 | 37.1 | |
| IMR-4064 | | 32.2 | 33.0 | 33.7 | 34.5 | 35.2 | 36.0 | | |
| Energy Ft. lbs | | 1173 | 1250 | 1330 | 1412 | 1496 | 1582 | 1672 | |
| Special Load | | Powder | | Grains | Velocity fps | | Energy Ft. lb | | |
| Accuracy Load | | IMR-3031 | | 33.5 | 3500 | | 1496 | | |
| Hunting Load | | IMR-4198 | | 30.7 | 3600 | | 1582 | | |

| Bullet | | Caliber | Weight | Type | C.O.A.L. | | | | |
|---|----------|----------|--------|----------------|--------------|------|---------------|------|--|
|  | #1505 | .243" | 70gr. | HPBT MatchKing | 2.440" | | | | |
|  | #1507 | .243" | 70gr. | BlitzKing | 2.460" | | | | |
|  | #1510 | .243" | 75gr. | HP | 2.440" | | | | |
| Powder | Velocity | 2800 | 2900 | 3000 | 3100 | 3200 | 3300 | 3400 | |
| IMR-4198 | | 24.6 | 25.7 | 26.7 | 27.8 | | | | |
| IMR-3031 | | | 29.0 | 29.9 | 30.8 | 31.7 | 32.6 | 33.5 | |
| 748 | | 30.1 | 31.2 | 32.4 | 33.5 | 34.6 | 35.8 | 36.9 | |
| IMR-4895 | | 29.9 | 30.9 | 31.9 | 33.0 | 34.0 | 35.0 | 36.0 | |
| IMR-4064 | | | 31.0 | 31.9 | 32.8 | 33.7 | 34.6 | 35.5 | |
| H380 | | 31.4 | 32.7 | 34.1 | 35.4 | 36.7 | 38.1 | 39.4 | |
| Energy Ft. lbs | | 1218 | 1307 | 1399 | 1493 | 1591 | 1692 | 1796 | |
| Special Load | | Powder | | Grains | Velocity fps | | Energy Ft. lb | | |
| Accuracy Load | | IMR-4064 | | 34.6 | 3300 | | 1692 | | |
| Hunting Load | | IMR-3031 | | 33.5 | 3400 | | 1796 | | |




6mm INTERNATIONAL

| Bullet Caliber Weight Type | | | | | C.O.A.L. | |
|---|------------|--------|--------------|---------------|----------|------|
|  | #1515 | .243" | 80gr. | SBT Blitz | 2.440" | |
|  | #7150 | .243" | 80gr. | SPT (SSP) | 2.440" | |
|  | #1520 | .243" | 85gr. | SPT | 2.440" | |
|  | #1530 | .243" | 85gr. | HPBT | 2.440" | |
| Powder ▾ | Velocity > | 2700 | 2800 | 2900 | 3000 | 3100 |
| IMR-4198 | 24.9 | 25.9 | | | | |
| IMR-3031 | 27.6 | 28.7 | 29.9 | 31.0 | | |
| 748 | 29.8 | 31.1 | 32.3 | 33.6 | 34.8 | |
| IMR-4895 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | |
| IMR-4064 | 29.3 | 30.4 | 31.4 | 32.5 | 33.5 | |
| H380 | 31.5 | 32.9 | 34.3 | 35.7 | 37.1 | |
| Energy Ft. lbs | 1295 | 1392 | 1494 | 1598 | 1707 | |
| Special Load | Powder | Grains | Velocity fps | Energy Ft. lb | | |
| Accuracy Load | IMR-4895 | 32.7 | 3000 | 1598 | | |
| Hunting Load | IMR-4064 | 33.5 | 3100 | 1707 | | |

| Bullet Caliber Weight Type | | | | | C.O.A.L. | |
|---|------------|--------|--------------|---------------|----------|------|
|  | #1540 | .243" | 100gr. | SPT | 2.450" | |
|  | #1560 | .243" | 100gr. | SBT | 2.450" | |
| Powder ▾ | Velocity > | 2500 | 2600 | 2700 | 2800 | 2900 |
| IMR-4198 | | 23.5 | 24.7 | | | |
| IMR-3031 | | 26.3 | 27.5 | 28.7 | 29.9 | |
| 748 | | 28.0 | 29.4 | 30.7 | 32.1 | |
| IMR-4895 | | 27.2 | 28.5 | 29.8 | 31.1 | 32.4 |
| IMR-4064 | | 27.2 | 28.4 | 29.6 | 30.8 | 32.0 |
| H380 | | 29.7 | 30.9 | 32.2 | 33.4 | 34.6 |
| Energy Ft. lbs | | 1388 | 1501 | 1618 | 1741 | 1867 |
| Special Load | Powder | Grains | Velocity fps | Energy Ft. lb | | |
| Accuracy Load | IMR-4895 | 31.1 | 2800 | 1741 | | |
| Hunting Load | IMR-4064 | 32.0 | 2900 | 1867 | | |

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| Bullet Caliber Weight Type | | | | | C.O.A.L. |
|--|------------|--------|--------------|----------------|----------|
|  | #1570 | .243" | 107gr. | HPBT MatchKing | 2.600" |
| Powder ▾ | Velocity > | 2500 | 2600 | 2700 | 2800 |
| IMR-4198 | | 23.9 | 25.1 | 26.2 | |
| IMR-3031 | | 26.5 | 27.7 | 28.8 | 30.0 |
| 748 | | 28.4 | 29.6 | 30.8 | |
| IMR-4895 | | 27.6 | 28.9 | 30.1 | 31.4 |
| IMR-4064 | | 27.6 | 28.8 | 29.9 | 31.1 |
| H380 | | 29.5 | 30.9 | 32.3 | 33.7 |
| Energy Ft. lbs | | 1485 | 1606 | 1732 | 1862 |
| Special Load | Powder | Grains | Velocity fps | Energy Ft. lb | |
| Accuracy Load | IMR-4064 | 31.1 | 2800 | 1862 | |
| Sierra does not recommend MatchKing bullets for hunting applications. | | | | | |