HORNADY AMERICAN SERIES™ DIE SETS

RIFLE DATA

223 Remington
Max C.O.L.: 2.926”
50 grain bullets with H4350
Shot – 24 gr. | 2,600 fps
Max: 44 gr. | 2,800 fps

243 Winchester
Max C.O.L.: 2.797”
65-70 grain bullets with H4350
Shot – 42 gr. | 3,400 fps
Max: 48 gr. | 3,000 fps

30-06 Springfield
Max C.O.L.: 3.225”
130 grain bullets with H4831
Shot – 61 gr. | 3,100 fps
Max: 57 gr. | 2,800 fps

308 Winchester
Max C.O.L.: 2.810”
150-155 grain bullets with H4350
Max C.O.L.: 3.340”
Rifle: Win Mod 70, 23 ¾”, 1:10” twist

375 Magnum
Max C.O.L.: 3.150”
Roll bullet with Pro 229 MP
Shot – 57 gr. | 3,000 fps
Max: 55 gr. | 2,800 fps

45-70 Government
Max C.O.L.: 3.315”
Rifle: Remington Model 700, 24” 1:10” twist

454 Casull
Max C.O.L.: 3.370”
Rifle: Remington Model 700, 26” 1:10” twist

460 Weatherby
Max C.O.L.: 3.420”
Rifle: Remington Model 700, 26” 1:10” twist

458 Winchester Magnum
Max C.O.L.: 3.975”
Rifle: Remington Model 700, 26” 1:10” twist

HANDGUN DATA

9mm Luger (9x19mm)
Max C.O.L.: 3.150”
115 grain bullets with Power Pistol
Shot – 6.7 gr. | 1,250 fps
Max: 4.8 gr. | 1,000 fps

.357 Magnum
Max C.O.L.: 1.550”
125 grain bullets with HS-6
Max +P: 8.1 gr. | 1,000 fps
Max standard pressure: 7.3 gr. | 900 fps
Start – 6.6 gr. | 800 fps

.38 Special
Max C.O.L.: 1.169”
115 grain bullets with Power Pistol
Max – 6.7 gr. | 1,250 fps
Start – 4.8 gr. | 1,000 fps

.40 S&W
Max C.O.L.: 1.275”
230 grain bullets with Power Pistol
Shot – 7.1 gr. | 900 fps
Max: 5.5 gr. | 700 fps

.45 Automatic
Max C.O.L.: 1.215”
185 grain bullets with Power Pistol
Shot – 7.1 gr. | 900 fps
Max: 5.5 gr. | 700 fps

.45 Auto
Max C.O.L.: 1.145”
158 grain bullets with Power Pro 300 MP
Max: 17.0 gr. | 1,400 fps
Start – 14.7 gr. | 1,000 fps

.40 Smith & Wesson
Max C.O.L.: 1.215”
158 grain bullets with Power Pro 300 MP
Max: 17.0 gr. | 1,400 fps
Start – 14.7 gr. | 1,000 fps

.38 Special
Max C.O.L.: 1.185”
125 grain bullets with Power Pistol
Max +P: 8.1 gr. | 1,000 fps
Max standard pressure: 7.3 gr. | 900 fps
Start – 6.6 gr. | 800 fps

.38 Special +P
Max C.O.L.: 1.400”
230 grain bullets with Power Pistol
Shot – 8.9 gr. | 1,250 fps
Max: 5.8 gr. | 1,000 fps

.357 Magnum +P
Max C.O.L.: 1.590”
158 grain bullets with Power Pro 300 MP
Max: 17.0 gr. | 1,400 fps
Start – 14.7 gr. | 1,000 fps

.380 Automatic (ACP)
Max C.O.L.: 1.065”
100 grain bullets with Power Pistol
Max: 45.5 gr. | 3,000 fps
Start – 42.0 gr. | 2,800 fps

.32 S&W Long
Max C.O.L.: 1.115”
95-100 grain bullets with H4831
Max C.O.L.: 3.340”
Rifle: Win Mod 70, 24” 1:10” twist

.223 Remington
Max C.O.L.: 2.797”
55 grain bullets with CFE 223
Shot – 27.4 gr. | 3,200 fps
Max: 24.8 gr. | 2,800 fps

.223 Remington
Max C.O.L.: 2.780”
55 grain bullets with CFE 223
Shot – 27.4 gr. | 3,200 fps
Max: 24.8 gr. | 2,800 fps

Great Dies, Great Value. Perfect for the handloader looking to maximize the efficiency of their reloads. American Series™ die sets deliver excellent reloading performance at an unbeatable price. Die bodies are precision reamed from premium steel and hardened to snapping specifications. They are polished to a smooth finish that will endure the rigors of countless reloading sessions.

Available in common rifle (2-die) and handgun (3-die) calibers, American Series™ die sets include a FREE shell holder and two extra decapping pins. The 3-die American Series™ sizing dies feature an industry leading Titanium Nitride sizing ring that reduces friction and case sticking, helping to prolong case life.

- Each die set includes a FREE shell holder and two extra decapping pins.
- Select pistol dies are taper-crimp capable (5mm Luger, 40 S&W/10mm, 45 Auto).
- Sizing dies size to SAAMI specifications.

Optional accessories available to enhance the American Series™ die sets include: Lock-N-Load® bushings, Sure-Loc™ lock rings, die boxes and more. Please visit hornady.com for a complete listing.

For additional load data with further bullet and powder choices, cartridge descriptions, reference data and more, purchase the Hornady Handbook of Cartridge Reloading at your local or on-line dealer. It’s also available as an ebook by searching the iTunes Book Store or Kindle store.

See more at hornady.com/handbook

GREAT DIES. GREAT VALUE.
ADJUSTING THE EXPANDER DIE (Three-die sets only)

To adjust the die:
1. Raise the ram to its highest position with a sized case in the shell holder.
2. Thread the die into the press until the expander touches the case mouth.
3. Raise and lower the ram while threading the expander die down in small increments (each time inspecting case mouth) until the mouth is flared just enough to seat a bullet.
4. Tighten the lock ring against the press or against the Lock-N-Load press bushing.

Note: Excessive flare can eventually shorten case life, and may prevent the case from properly entering the seating die.

ADJUSTING THE SEATING DIE

Prior to seating, make sure the cases are chamfered.

Note: As with all seating dies, when seating lubricated lead bullets, lubricant will build-up within the die causing variations in seating. Clean and inspect as needed.

SEATING WITHOUT A CRIMP

1. Insert a sized case into the shell holder and raise the press ram to its highest position. Back out the seater adjustment screw if you have the seater adjustment screw too low to start, you may run out of adjustment.
2. Thread the seating die into the press until you feel resistance. At that point, the crimp ring has come in contact with the mouth of the case.
3. Back the die out of the press one turn to prevent the case from being crimped — tighten the die body lock ring. Raise the press handle and return the ram to its starting position.
4. Insert a bullet in the case mouth - raise the press ram so the cartridge and bullet enter the seater die. Upon completion of the stroke, the bullet should be barely seated in the case.
5. Adjust the seater adjustment screw down in small increments, each time raising and lowering the press ram until the bullet is seated to the desired length. At the completion of each stroke, inspect the cartridge for the correct overall length.

SEATING WITH A CRIMP

To begin, refer to the procedure for SEATING WITHOUT A CRIMP. Follow the procedure throughout, however, DO NOT TIGHTEN THE DIE BODY LOCK RING.

1. Once you’ve reached the preferred seating depth for the bullet, back out the seater adjustment screw a few turns.
2. Press the case ram, with the cartridge, to the top of the stroke.
3. Thread the seater die body into the press until it meets resistance (again, at that point, the mouth of the case has met resistance with the crimp ring.)
4. Thread the seater die body into the press in small increments (1/8” turns) each time raising and lowering the press ram. At all the completion of each stroke, inspect the cartridge for the proper crimp.
5. Once you’ve reached the desired crimp (with the cartridge still in the die), tighten the die body lock ring. Then, with the press ram in its highest position, thread the seater adjustment screw downward until it contacts the bullet. NOTE: On presses with a cam-over action, back out the adjusting screw 1/2 to 1/4 turn to allow for cam-over.
6. Lower the press ram and remove the cartridge. Check the lock ring to make sure it’s still tight. Try another case with a bullet. If the desired seating depth and crimp are obtained, then you can begin seating and crimping in one operation. If not, make the needed minor adjustments.

Note: For uniform crimps, cases must all be trimmed to a uniform length.

NO-RISK, LIFETIME WARRANTY*

All Hornady reloading tools and accessories are warranted against material defects and workmanship for the life of the product. Simply stated – if it breaks, we’ll repair it or replace it at no charge (at Hornady Manufacturing Company’s option). Hornady reloading tools and accessories are warranted against defective materials and workmanship only. This warranty is void if the product (1) has been damaged by accident or unreasonable use, neglect, improper service or other causes not arising out of defects in material or workmanship; or (2) has been altered or repaired by anyone other than authorized factory personnel; (3) is used commercially; or (4) has been altered or defaced in any way.

The warranty supersedes all other warranties for Hornady products either written or oral. No other warranty is expressed or implied.

Visit Hornady.com/warranties to register your product.
ADJUSTING THE EXPANDER DIE (Three-die sets only)
To adjust the die:
1. Raise the ram to its highest position with a sized case in the shell holder.
2. Thread the die into the press until the expander touches the case mouth.
3. Raise and lower the ram while threading the expander die down in small increments (each time inspecting case mouth) until the mouth is flared just enough to seat a bullet.
4. Tighten the lock ring against the press or against the Lock-N-Load press bushing.

Note: Excessive flare can eventually shorten case life, and may prevent the case from properly entering the seating die.

ADJUSTING THE SEATING DIE
Prior to seating, make sure the cases are chamfered.

Note: As with all seating dies, when seating lubricated lead bullets, lubricant will build-up within the die causing variations in seating. Clean and inspect as needed.

ADJUSTING THE SIZE DIE
To adjust the expander/decap assembly:
1. Loosen the lock nut at the top of the die.
2. Turn to adjust the spindle so approximately 3/16” of the decap pin is below the end of the die (SEE PHOTOS.)
3. Tighten the lock nut until the spindle no longer rotates.
4. Verify that the decap pin is only extended 3/16” below die.

To adjust the full-length size die, follow these steps:
1. Raise the press ram to its highest position.
2. Thread the full-length die into the press until the base touches the shell holder head.
3. Tighten the lock ring against the press or against the Lock-N-Load Press Bushing.

Note: Firearm action types and chamber dimensions vary causing excess headspace. To eliminate the headspace, adjust the full-length die upward.

SEATING WITHOUT A CRIMP
1. Insert a sized case into the shell holder and raise the press ram to its highest position. Back out the seater adjustment screw if you have the seater adjustment screw too low to start, you may run out of adjustment.
2. Thread the seating die into the press until you feel resistance. At that point, the crimp ring has come in contact with the mouth of the case.
3. Back the die out of the press one turn to prevent the case from being crimped — tighten the die body lock ring. Raise the press handle and return the ram to its starting position.
4. Insert a bullet in the case mouth - raise the press ram so the cartridge and bullet enter the seater die. Upon completion of the stroke, the bullet should be barely seated in the case.
5. Adjust the seater adjustment screw down in small increments, each time raising and lowering the press ram until the bullet is seated to the desired length. At the completion of each stroke, inspect the cartridge for the correct overall length.

SEATING WITH A CRIMP
To begin, refer to the procedure for SEATING WITHOUT A CRIMP. Follow the procedure throughout, however, DO NOT TIGHTEN THE DIE BODY LOCK RING.

1. Once you’ve reached the preferred seating depth for the bullet, back out the seater adjustment screw a few turns.
2. Raise the press ram, with the cartridge, to the top of the stroke.
3. Thread the seater die body into the press until it meets resistance (again, at that point, the mouth of the case has met resistance with the crimp ring.)
4. Thread the seater die body into the press in small increments (1/16” turns) each time rasing and lowering the press ram. At all completion of each stroke, inspect the cartridge for the proper crimp.
5. Once you’ve reached the desired crimp (with the crimp still in the die), tighten the die body lock ring. Then, with the press ram in its highest position, thread the seater adjustment screw downward until it contacts the bullet. NOTE: ON presses with a cam-over action, back out the adjusting screw 1/2 to 1/4 turn to allow for cam-over.
6. Lower the press ram and remove the cartridge. Check the lock ring to make sure it’s still tight. Try another case with a bullet. If the desired seating depth and crimp are obtained, then you can begin seating and crimping in one operation. If not, make the needed minor adjustments.

NOTE: For uniform crimps, cases must all be trimmed to a uniform length.

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The warranty supersedes all other warranties for Hornady products either written or oral. No other warranty is expressed or implied. Visit Hornady.com/warranties to register your product.
To adjust the expander die:

1. Loosen the lock nut at the top of the die.

2. Thread the die into the press until you feel resistance. At that point, the expander die has made contact with the mouth of the case.

3. Either move the ram up and back out the adjusting screw 1/8 to 1/4 turn to allow for cam-over or:

4. Lower the press ram and remove the cartridge. Check the lock ring to make sure it’s still tight. Try another case with a bullet. If the desired seating depth and crimp are attained, then you can begin seating and crimping in one operation. If not, make the needed minor adjustments.

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HORNADY AMERICAN SERIES™ DIE SETS
SAMPLE RELOADING DATA

RIFLE DATA

223 Remington
- Max C.O.L.: 2.900
- 55 grain bullets with 005 220
- Max: 270 gr. | 3,000 fps
- 65-75 grain bullets with 005 220
- Handy recommend: 65 gr. XTP® - 1.125” C.O.L.

243 Win Chercher
- Max C.O.L.: 2.800
- 100 grain bullets with 005 220
- Max: 207 gr. | 3,000 fps
- Handy recommend: 100 gr. InterLock® SP - 2.630” C.O.L.

270 Winchester
- Max C.O.L.: 2.980
- 150 grain bullets with 005 220
- Max: 330 gr. | 2,900 fps
- Handy recommend: 150 gr. InterLock® SP - 3.210” C.O.L.

30-06 Springfield
- Max C.O.L.: 3.210
- 150 grain bullets with 005 220
- Max: 450 gr. | 1,000 fps
- Handy recommend: 150 gr. InterLock® SP - 3.210” C.O.L.

308 Winchester
- Max C.O.L.: 2.900
- 150 grain bullets with 005 220
- Max: 330 gr. | 2,900 fps
- Handy recommend: 150 gr. InterLock® SP - 3.210” C.O.L.

30-30 Winchester
- Max C.O.L.: 2.720
- 125 grain bullets with 005 220
- Max: 331 gr. | 2,900 fps
- Handy recommend: 125 gr. InterLock® SP - 3.000” C.O.L.

357 Magnum
- Max C.O.L.: 1.590
- Roll die dies with Power Pro 2000 MP
- Start: 3.8 gr. | 1,000 fps
- Handy recommend: 357 InterLock® SP - 1.590” C.O.L.

45 Automatic
- Max C.O.L.: 1.125
- Roll die dies with Power Pro 2000 MP
- Start: 3.8 gr. | 1,000 fps
- Handy recommend: 45 InterLock® SP - 1.125” C.O.L.

HANDGUN DATA

9mm Luger (9x19mm)
- Max C.O.L.: 1.100
- 115 grain bullets with 005 380 ACP
- Start: 4.8 gr. | 1,000 fps
- Handy recommend: 115 gr. InterLock® SP - 1.075” C.O.L.

40 Smith & Wesson
- Max C.O.L.: 1.075
- 158 grain bullets with 005 380 ACP
- Start: 14.7 gr. | 1,000 fps
- Handy recommend: 158 gr. InterLock® SP - 1.590” C.O.L.

.45 ACP
- Max C.O.L.: 1.075
- 230 grain bullets with 005 380 ACP
- Start: 14.7 gr. | 1,000 fps
- Handy recommend: 230 grain InterLock® SP - 1.275” C.O.L.

180 grain bullets with Power Pistol
- Start: 8.9 gr. | 1,250 fps
- Handy recommend: 180 gr. InterLock® SP - 1.215” C.O.L.

We Make Gun Better.™

Hornady Manufacturing Co.
1090 N. Eastman Rd.
Grand Island, NE 68802
hornady.com

For additional load data with further bullet and powder choices, cartridge descriptions, reference data and more, purchase the Hornady Handbook of Cartridge Reloading at your local or on-line dealer. It’s also available as an ebook by searching the iTunes Book Store or Kindle store.

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Sample Reloading Data

RIFLE DATA

223 Remington
- Max C.O.L.: 2.900
- 55 grain bullets with 005 220
- Start: 24 gr. | 3,000 fps
- Handy recommend: 55 gr. XTP® - 2.250” C.O.L.

243 Win Chercher
- Max C.O.L.: 2.720
- 65-75 grain bullets with 005 220
- Start: 40 gr. | 3,400 fps
- Handy recommend: 65 gr. XTP® - 3.210” C.O.L.

270 Winchester
- Max C.O.L.: 2.980
- 130 grain bullets with 005 220
- Start: 47 gr. | 3,900 fps
- Handy recommend: 130 gr. InterLock® SP - 3.210” C.O.L.

30-06 Springfield
- Max C.O.L.: 3.000
- 150 grain bullets with 005 220
- Start: 44 gr. | 3,000 fps
- Handy recommend: 150 gr. InterLock® SP - 3.210” C.O.L.

308 Winchester
- Max C.O.L.: 2.900
- 150 grain bullets with 005 220
- Start: 47 gr. | 3,900 fps
- Handy recommend: 150 gr. InterLock® SP - 3.210” C.O.L.

30-30 Winchester
- Max C.O.L.: 2.720
- 125 grain bullets with 005 220
- Start: 44 gr. | 3,000 fps
- Handy recommend: 125 gr. InterLock® SP - 3.000” C.O.L.

357 Magnum
- Max C.O.L.: 1.590
- Roll die dies with Power Pro 2000 MP
- Start: 8.9 gr. | 1,250 fps
- Handy recommend: 158 gr. InterLock® SP - 1.590” C.O.L.

45 Automatic
- Max C.O.L.: 1.075
- Roll die dies with Power Pro 2000 MP
- Start: 3.8 gr. | 1,000 fps
- Handy recommend: 45 InterLock® SP - 1.125” C.O.L.

HANDGUN DATA

9mm Luger (9x19mm)
- Max C.O.L.: 1.100
- 155 grain bullets with Power Pistol
- Start: 8.9 gr. | 1,250 fps
- Handy recommend: 155 gr. InterLock® SP - 1.125” C.O.L.

40 Smith & Wesson
- Max C.O.L.: 1.075
- 158 grain bullets with Power Pistol
- Start: 3.8 gr. | 1,000 fps
- Handy recommend: 158 gr. InterLock® SP - 3.210” C.O.L.

.45 ACP
- Max C.O.L.: 1.075
- 230 grain bullets with Power Pistol
- Start: 8.9 gr. | 1,250 fps
- Handy recommend: 230 grain InterLock® SP - 1.275” C.O.L.
**RIFLE DATA**

<table>
<thead>
<tr>
<th>Caliber</th>
<th>Load Data</th>
<th>Comments</th>
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<tr>
<td>6.5 Creedmoor</td>
<td>2.557 in C.O.L.</td>
<td>Hornady recommends 6.5 Creedmoor for use with H4350 powder.</td>
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**HORNADY AMERICAN SERIES™ DIE SETS**

**S A M P L E  R E L O A D I N G  D A T A**

**HANDGUN DATA**

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<tr>
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<tr>
<td>.45 ACP</td>
<td>1.405 in C.O.L.</td>
<td>For use in .45 ACP with Accu-Brake.</td>
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</table>

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- **Sizing dies to SAAMI specifications.**

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