



## 45 Automatic

| .451"                 | 45<br>GDHP | 45<br>TMJ® FN |
|-----------------------|------------|---------------|
| Weight (grains)       | 185        | 185           |
| Ballistic Coefficient | 0.109      | 0.094         |
| Sectional Density     | 0.130      | 0.130         |
| COAL Tested           | 1.200"     | 1.200"        |
| Speer Part No.        | 4470       | 4476          |

| Propellant              | Case    | Primer      | START CHARGE    |                            | MAXIMUM CHARGE  |                            |
|-------------------------|---------|-------------|-----------------|----------------------------|-----------------|----------------------------|
|                         |         |             | Weight (grains) | Muzzle Velocity (feet/sec) | Weight (grains) | Muzzle Velocity (feet/sec) |
| Alliant BE-86           | Federal | Federal 150 | 6.9             | 944                        | <b>8.9</b>      | 1172                       |
| Accurate No. 5          | Federal | Federal 150 | 9.5             | 1053                       | <b>10.6</b>     | 1169                       |
| Alliant Power Pistol    | Federal | Federal 150 | 8.2             | 1016                       | <b>9.5</b>      | 1162                       |
| Hodgdon CFE Pistol      | Federal | Federal 150 | 7.1             | 925                        | <b>9.0</b>      | 1157                       |
| Accurate No. 7          | Federal | Federal 150 | 10.8            | 1022                       | <b>12.0</b>     | 1154                       |
| Alliant Unique          | Federal | Federal 150 | 7.3             | 1058                       | <b>8.2</b>      | 1151                       |
| Winchester AutoComp     | Federal | Federal 150 | 6.9             | 912                        | <b>8.9</b>      | 1145                       |
| Hodgdon H. Universal    | Federal | Federal 150 | 6.9             | 998                        | <b>7.7</b>      | 1125                       |
| IMR SR 7625             | Federal | Federal 150 | 7.0             | 979                        | <b>7.8</b>      | 1094                       |
| Hodgdon HS-6            | Federal | Federal 150 | 8.9             | 966                        | <b>9.9</b>      | 1080                       |
| Hodgdon Hi-Skor 700-X   | Federal | Federal 150 | 5.8             | 993                        | <b>6.5</b>      | 1079                       |
| Winchester WSF          | Federal | Federal 150 | 6.9             | 951                        | <b>7.7</b>      | 1071                       |
| Winchester 231          | Federal | Federal 150 | 6.6             | 995                        | <b>7.4</b>      | 1069                       |
| Alliant Sport Pistol    | Federal | Federal 150 | 5.5             | 884                        | <b>6.9</b>      | 1069                       |
| Accurate No. 2          | Federal | Federal 150 | 6.0             | 974                        | <b>6.7</b>      | 1043                       |
| Vihtavuori 3N37         | Federal | Federal 150 | 8.1             | 913                        | <b>9.0</b>      | 1043                       |
| Alliant Bullseye        | Federal | Federal 150 | 5.7             | 957                        | <b>6.4</b>      | 1039                       |
| Alliant American Select | Federal | Federal 150 | 5.5             | 902                        | <b>6.2</b>      | 984                        |

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*Maximum loads should be used with CAUTION • C = Compressed Load*



## 45 Automatic

|                              |                   |
|------------------------------|-------------------|
| <b>.451"</b>                 | <b>45</b>         |
|                              | <b>TMJ® Match</b> |
| <b>Weight (grains)</b>       | <b>SWC</b>        |
| <b>Ballistic Coefficient</b> | 185               |
| <b>Sectional Density</b>     | 0.090             |
| <b>COAL Tested</b>           | 0.130             |
| <b>Speer Part No.</b>        | 1.275"            |
|                              | 4473              |

NOTE: These loads are not necessarily at maximum pressure. They are held to velocities popular for target shooting.

| Propellant            | Case  | Primer  | START CHARGE    |                            | MAXIMUM CHARGE  |                            |
|-----------------------|-------|---------|-----------------|----------------------------|-----------------|----------------------------|
|                       |       |         | Weight (grains) | Muzzle Velocity (feet/sec) | Weight (grains) | Muzzle Velocity (feet/sec) |
| Accurate No. 5        | Speer | CCI 300 | 7.2             | 764                        | <b>8.0</b>      | 859                        |
| Alliant Red Dot       | Speer | CCI 300 | 4.5             | 767                        | <b>4.9</b>      | 829                        |
| Alliant Unique        | Speer | CCI 300 | 5.0             | 652                        | <b>5.8</b>      | 829                        |
| Alliant Bullseye      | Speer | CCI 300 | 4.5             | 727                        | <b>4.9</b>      | 790                        |
| Hodgdon Hi-Skor 700-X | Speer | CCI 300 | 4.3             | 701                        | <b>4.7</b>      | 788                        |
| IMR PB                | Speer | CCI 300 | 5.0             | 719                        | <b>5.5</b>      | 770                        |
| Hodgdon HP-38         | Speer | CCI 300 | 4.9             | 668                        | <b>5.4</b>      | 759                        |
| Winchester 231        | Speer | CCI 300 | 5.0             | 669                        | <b>5.5</b>      | 752                        |
| IMR SR 7625           | Speer | CCI 300 | 5.1             | 615                        | <b>5.6</b>      | 717                        |

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## 45 Automatic

| .451"                 | 45<br>TMJ® Match<br>SWC | 45<br>GDHP |
|-----------------------|-------------------------|------------|
| Weight (grains)       | 200                     | 200        |
| Ballistic Coefficient | 0.128                   | 0.138      |
| Sectional Density     | 0.140                   | 0.140      |
| COAL Tested           | 1.275"                  | 1.200"     |
| Speer Part No.        | 4475                    | 4478       |

| Propellant           | Case    | Primer      | START CHARGE    |                            | MAXIMUM CHARGE  |                            |
|----------------------|---------|-------------|-----------------|----------------------------|-----------------|----------------------------|
|                      |         |             | Weight (grains) | Muzzle Velocity (feet/sec) | Weight (grains) | Muzzle Velocity (feet/sec) |
| Alliant BE-86        | Federal | Federal 150 | 6.0             | 825                        | 8.1             | 1083                       |
| Winchester AutoComp  | Federal | Federal 150 | 6.2             | 834                        | 8.1             | 1076                       |
| Hodgdon CFE Pistol   | Federal | Federal 150 | 6.1             | 824                        | 8.1             | 1067                       |
| Alliant Unique       | Federal | Federal 150 | 6.5             | 927                        | 7.3             | 1057                       |
| Hodgdon HS-6         | Federal | Federal 150 | 8.5             | 944                        | 9.5             | 1054                       |
| Alliant Blue Dot     | Federal | Federal 150 | 9.4             | 917                        | 10.5            | 1048                       |
| Accurate No. 7       | Federal | Federal 150 | 9.9             | 912                        | 11.0            | 1037                       |
| Alliant Power Pistol | Federal | Federal 150 | 7.0             | 874                        | 8.3             | 1026                       |
| Hodgdon H. Universal | Federal | Federal 150 | 6.3             | 905                        | 7.0             | 1018                       |
| Accurate No. 5       | Federal | Federal 150 | 8.1             | 916                        | 9.0             | 1013                       |
| Winchester WSF       | Federal | Federal 150 | 6.4             | 894                        | 7.2             | 1004                       |
| Alliant Sport Pistol | Federal | Federal 150 | 4.8             | 779                        | 6.3             | 993                        |
| Alliant Bullseye     | Federal | Federal 150 | 5.2             | 864                        | 5.8             | 957                        |
| Vihtavuori N340      | Federal | Federal 150 | 6.3             | 814                        | 7.0             | 947                        |
| Vihtavuori 3N37      | Federal | Federal 150 | 7.3             | 794                        | 8.2             | 942                        |
| Winchester 231       | Federal | Federal 150 | 5.6             | 826                        | 6.3             | 931                        |

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## 45 Automatic

|                              |             |
|------------------------------|-------------|
| <b>.452"</b>                 | <b>45</b>   |
| <b>Weight (grains)</b>       | <b>LSWC</b> |
| <b>Ballistic Coefficient</b> | 200         |
| <b>Sectional Density</b>     | 0.078       |
| <b>COAL Tested</b>           | 0.140       |
| <b>Speer Part No.</b>        | 1.190"      |
|                              | 4678        |

NOTE: These loads are not necessarily at maximum pressure. They are held to velocities popular for target shooting.

| Propellant            | Case  | Primer  | START CHARGE    |                            | MAXIMUM CHARGE  |                            |
|-----------------------|-------|---------|-----------------|----------------------------|-----------------|----------------------------|
|                       |       |         | Weight (grains) | Muzzle Velocity (feet/sec) | Weight (grains) | Muzzle Velocity (feet/sec) |
| Alliant Red Dot       | Speer | CCI 300 | 4.1             | 749                        | <b>4.5</b>      | 831                        |
| Alliant Herco         | Speer | CCI 300 | 5.5             | 750                        | <b>6.0</b>      | 826                        |
| IMR SR 7625           | Speer | CCI 300 | 4.7             | 726                        | <b>5.2</b>      | 811                        |
| Alliant Bullseye      | Speer | CCI 300 | 4.2             | 744                        | <b>4.6</b>      | 807                        |
| Hodgdon H. Universal  | Speer | CCI 300 | 4.9             | 710                        | <b>5.4</b>      | 804                        |
| Winchester 231        | Speer | CCI 300 | 4.6             | 739                        | <b>5.0</b>      | 803                        |
| IMR SR 4756           | Speer | CCI 300 | 5.3             | 728                        | <b>5.8</b>      | 800                        |
| Alliant Unique        | Speer | CCI 300 | 4.9             | 716                        | <b>5.4</b>      | 790                        |
| Hodgdon Hi-Skor 700-X | Speer | CCI 300 | 3.8             | 715                        | <b>4.2</b>      | 790                        |

\* Data was shot in a 4.4" barrel.

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## 45 Automatic

| .451"                 | 45<br>GDHP SB | 45<br>GDHP |
|-----------------------|---------------|------------|
| Weight (grains)       | 230           | 230        |
| Ballistic Coefficient | 0.148         | 0.143      |
| Sectional Density     | 0.162         | 0.162      |
| COAL Tested           | 1.200"        | 1.200"     |
| Speer Part No.        | 4482          | 4483       |

| Propellant            | Case    | Primer      | START CHARGE    |                            | MAXIMUM CHARGE  |                            |
|-----------------------|---------|-------------|-----------------|----------------------------|-----------------|----------------------------|
|                       |         |             | Weight (grains) | Muzzle Velocity (feet/sec) | Weight (grains) | Muzzle Velocity (feet/sec) |
| Alliant Blue Dot      | Federal | Federal 150 | 8.1             | 822                        | 9.0             | 957                        |
| Accurate No. 7        | Federal | Federal 150 | 8.6             | 842                        | 9.6             | 955                        |
| Hodgdon HS-6          | Federal | Federal 150 | 7.2             | 816                        | 8.0             | 945                        |
| Alliant Power Pistol  | Federal | Federal 150 | 6.3             | 800                        | 7.4             | 943                        |
| Hodgdon CFE Pistol    | Federal | Federal 150 | 6.0             | 820                        | 6.9             | 940                        |
| Vihtavuori N350       | Federal | Federal 150 | 6.3             | 821                        | 7.1             | 939                        |
| Winchester AutoComp   | Federal | Federal 150 | 6.0             | 828                        | 6.8             | 930                        |
| Alliant BE-86         | Federal | Federal 150 | 5.6             | 787                        | 6.7             | 923                        |
| Hodgdon H. Universal  | Federal | Federal 150 | 5.4             | 823                        | 6.0             | 917                        |
| Alliant Unique        | Federal | Federal 150 | 5.4             | 835                        | 6.0             | 912                        |
| Accurate No. 5        | Federal | Federal 150 | 7.0             | 811                        | 7.8             | 906                        |
| IMR SR 7625           | Federal | Federal 150 | 5.4             | 810                        | 6.0             | 888                        |
| Vihtavuori N340       | Federal | Federal 150 | 5.4             | 754                        | 6.1             | 870                        |
| Hodgdon Hi-Skor 700-X | Federal | Federal 150 | 4.5             | 786                        | 5.0             | 860                        |
| Winchester 231        | Federal | Federal 150 | 5.0             | 774                        | 5.6             | 859                        |
| Alliant Sport Pistol  | Federal | Federal 150 | 4.6             | 769                        | 5.2             | 852                        |
| Alliant Bullseye      | Federal | Federal 150 | 4.5             | 763                        | 5.0             | 846                        |

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## 45 Automatic

|                              |               |
|------------------------------|---------------|
| <b>.451"</b>                 | <b>45</b>     |
| <b>Weight (grains)</b>       | <b>230</b>    |
| <b>Ballistic Coefficient</b> | <b>0.153</b>  |
| <b>Sectional Density</b>     | <b>0.162</b>  |
| <b>COAL Tested</b>           | <b>1.260"</b> |
| <b>Speer Part No.</b>        | <b>4480</b>   |

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TMJ® RN

**SAFETY NOTICE:** Do not use these loads with the 230-grain Gold Dot HP (#4483). Gold Dot loads are in the next data block.

| Propellant            | Case    | Primer      | START CHARGE    |                            | MAXIMUM CHARGE  |                            |
|-----------------------|---------|-------------|-----------------|----------------------------|-----------------|----------------------------|
|                       |         |             | Weight (grains) | Muzzle Velocity (feet/sec) | Weight (grains) | Muzzle Velocity (feet/sec) |
| Alliant Power Pistol  | Federal | Federal 150 | 7.0             | 882                        | 8.1             | 1001                       |
| Alliant BE-86         | Federal | Federal 150 | 5.9             | 810                        | 7.5             | 988                        |
| Winchester AutoComp   | Federal | Federal 150 | 6.0             | 785                        | 7.6             | 978                        |
| Hodgdon CFE Pistol    | Federal | Federal 150 | 6.0             | 793                        | 7.5             | 973                        |
| Hodgdon HS-6          | Federal | Federal 150 | 7.8             | 873                        | 8.5             | 947                        |
| Alliant Unique        | Federal | Federal 150 | 5.5             | 806                        | 6.5             | 920                        |
| Alliant Bullseye      | Federal | Federal 150 | 5.2             | 849                        | 5.7             | 914                        |
| Hodgdon H. Universal  | Federal | Federal 150 | 5.5             | 806                        | 6.3             | 910                        |
| Winchester 231        | Federal | Federal 150 | 5.6             | 833                        | 6.2             | 903                        |
| Alliant Sport Pistol  | Federal | Federal 150 | 4.8             | 761                        | 5.8             | 895                        |
| Alliant Red Dot       | Federal | Federal 150 | 4.8             | 827                        | 5.3             | 892                        |
| Hodgdon Hi-Skor 700-X | Federal | Federal 150 | 4.6             | 815                        | 5.1             | 880                        |
| Vihtavuori N340       | Federal | Federal 150 | 5.5             | 750                        | 6.3             | 876                        |

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## 45 Automatic

|                              |            |
|------------------------------|------------|
| <b>.452"</b>                 | <b>45</b>  |
| <b>Weight (grains)</b>       | <b>LRN</b> |
| <b>Ballistic Coefficient</b> | 230        |
| <b>Sectional Density</b>     | 0.160      |
| <b>COAL Tested</b>           | 0.161      |
| <b>Speer Part No.</b>        | 1.240"     |
|                              | 4691       |

| Propellant            | Case    | Primer      | START CHARGE    |                            | MAXIMUM CHARGE  |                            |
|-----------------------|---------|-------------|-----------------|----------------------------|-----------------|----------------------------|
|                       |         |             | Weight (grains) | Muzzle Velocity (feet/sec) | Weight (grains) | Muzzle Velocity (feet/sec) |
| Hodgdon CFE Pistol    | Federal | Federal 150 | 5.6             | 809                        | <b>7.2</b>      | 989                        |
| Winchester AutoComp   | Federal | Federal 150 | 5.6             | 795                        | <b>7.3</b>      | 988                        |
| Alliant BE 86         | Federal | Federal 150 | 5.8             | 850                        | <b>7.2</b>      | 986                        |
| Alliant Herco         | Federal | Federal 150 | 5.9             | 884                        | <b>6.4</b>      | 931                        |
| Alliant Sport Pistol  | Federal | Federal 150 | 4.4             | 777                        | <b>5.6</b>      | 919                        |
| Alliant Green Dot     | Federal | Federal 150 | 4.8             | 847                        | <b>5.3</b>      | 908                        |
| Alliant Red Dot       | Federal | Federal 150 | 4.7             | 856                        | <b>5.1</b>      | 899                        |
| Alliant Unique        | Federal | Federal 150 | 5.3             | 837                        | <b>5.8</b>      | 895                        |
| Hodgdon Hi-Skor 700-X | Federal | Federal 150 | 4.3             | 839                        | <b>4.7</b>      | 890                        |
| Hodgdon H. Universal  | Federal | Federal 150 | 5.2             | 818                        | <b>5.5</b>      | 867                        |
| Winchester 231        | Federal | Federal 150 | 5.1             | 794                        | <b>5.6</b>      | 853                        |
| IMR SR 4756           | Federal | Federal 150 | 6.0             | 739                        | <b>6.5</b>      | 816                        |

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