

The bushing chart does not represent recommended weights of charge. It is intended as a guide only to show the relationship of the volumetric capacity to the various bushings.

| SHOT SHELL POWDERS |         |           |       | HERCULES |          |        |          | HODGDON   |      |      |      | IMR   |                 |                     |           |      |      |      |      |      |      |
|--------------------|---------|-----------|-------|----------|----------|--------|----------|-----------|------|------|------|-------|-----------------|---------------------|-----------|------|------|------|------|------|------|
| BUSHING #          | RED DOT | GREEN DOT | HERCO | 2400     | BLUE DOT | UNIQUE | BULLSEYE | BUSHING # | H110 | HS7  | HS6  | CLAYS | UNIVERSAL CLAYS | INTERNATIONAL CLAYS | BUSHING # | 800X | 700X | PB   | 7625 | 4756 | 4227 |
| 10                 | 6.1     | 6.3       | 7.9   | 12.4     | 10.6     | 8.3    | 7.9      | 10        | 13.0 | 13.4 | 13.0 | 6.4   | 8.6             | 7.2                 | 10        | 8.8  | 7.1  | 7.2  | 8.2  | 8.3  | 11.8 |
| 11                 | 6.5     | 6.7       | 8.3   | 13.1     | 11.2     | 8.8    | 8.3      | 11        | 13.8 | 14.2 | 13.8 | 6.8   | 9.1             | 7.6                 | 11        | 9.3  | 7.5  | 7.6  | 8.7  | 8.8  | 12.5 |
| 12                 | 6.8     | 7.1       | 8.8   | 13.9     | 11.9     | 9.3    | 8.8      | 12        | 14.6 | 15.0 | 14.6 | 7.2   | 9.6             | 8.1                 | 12        | 9.8  | 7.9  | 8.1  | 9.2  | 9.3  | 13.3 |
| 12A                | 7.2     | 7.5       | 9.3   | 14.6     | 12.5     | 9.8    | 9.3      | 12A       | 15.4 | 15.8 | 15.4 | 7.6   | 10.2            | 8.6                 | 12A       | 10.4 | 8.4  | 8.5  | 9.7  | 9.8  | 14.0 |
| 13                 | 7.6     | 7.9       | 9.8   | 15.4     | 13.2     | 10.3   | 9.8      | 13        | 16.3 | 16.7 | 16.3 | 8.0   | 10.7            | 9.1                 | 13        | 10.9 | 8.8  | 9.0  | 10.2 | 10.3 | 14.8 |
| 13A                | 8.0     | 8.3       | 10.4  | 16.3     | 13.9     | 10.9   | 10.4     | 13A       | 17.1 | 17.6 | 17.1 | 8.5   | 11.3            | 9.6                 | 13A       | 11.5 | 9.3  | 9.5  | 10.8 | 10.9 | 15.6 |
| 14                 | 8.4     | 8.7       | 10.9  | 17.1     | 14.6     | 11.4   | 10.9     | 14        | 18.0 | 18.5 | 18.0 | 8.9   | 11.9            | 10.1                | 14        | 12.1 | 9.8  | 10.0 | 11.3 | 11.4 | 16.4 |
| 15                 | 8.9     | 9.2       | 11.4  | 18.0     | 15.4     | 12.0   | 11.4     | 15        | 18.9 | 19.5 | 19.0 | 9.3   | 12.5            | 10.6                | 15        | 12.7 | 10.3 | 10.5 | 11.9 | 12.0 | 17.2 |
| 16                 | 9.3     | 9.6       | 12.0  | 18.9     | 16.2     | 12.6   | 12.0     | 16        | 19.9 | 20.4 | 19.9 | 9.8   | 13.2            | 11.1                | 16        | 13.4 | 10.8 | 11.0 | 12.5 | 12.6 | 18.1 |
| 17                 | 9.7     | 10.1      | 12.6  | 19.8     | 16.9     | 13.2   | 12.6     | 17        | 20.8 | 21.4 | 20.8 | 10.3  | 13.8            | 11.7                | 17        | 14.0 | 11.3 | 11.5 | 13.1 | 13.2 | 18.9 |
| 18                 | 10.2    | 10.6      | 13.2  | 20.7     | 17.7     | 13.8   | 13.2     | 18        | 21.8 | 22.4 | 21.8 | 10.8  | 14.5            | 12.3                | 18        | 14.7 | 11.9 | 12.1 | 13.7 | 13.8 | 19.8 |
| 19                 | 10.7    | 11.1      | 13.8  | 21.6     | 18.5     | 14.5   | 13.8     | 19        | 22.8 | 23.4 | 22.8 | 11.3  | 15.1            | 12.8                | 19        | 15.3 | 12.4 | 12.6 | 14.4 | 14.5 | 20.7 |
| 20                 | 11.2    | 11.6      | 14.4  | 22.6     | 19.4     | 15.1   | 14.4     | 20        | 23.8 | 24.5 | 23.9 | 11.8  | 15.8            | 13.4                | 20        | 16.0 | 13.0 | 13.2 | 15.0 | 15.1 | 21.7 |
| 21                 | 11.6    | 12.1      | 15.0  | 23.6     | 20.2     | 15.8   | 15.0     | 21        | 24.9 | 25.6 | 24.9 | 12.3  | 16.5            | 14.0                | 21        | 16.7 | 13.5 | 13.8 | 15.7 | 15.8 | 22.6 |
| 22                 | 12.1    | 12.6      | 15.7  | 24.6     | 21.1     | 16.5   | 15.7     | 22        | 26.0 | 26.7 | 26.0 | 12.8  | 17.3            | 14.6                | 22        | 17.5 | 14.1 | 14.4 | 16.3 | 16.5 | 23.6 |
| 23                 | 12.7    | 13.1      | 16.3  | 25.7     | 22.0     | 17.2   | 16.3     | 23        | 27.0 | 27.8 | 27.1 | 13.3  | 18.0            | 15.3                | 23        | 18.2 | 14.7 | 15.0 | 17.0 | 17.2 | 24.6 |
| 24                 | 13.2    | 13.7      | 17.0  | 26.7     | 22.9     | 17.9   | 17.0     | 24        | 28.2 | 28.9 | 28.2 | 13.9  | 18.7            | 15.9                | 24        | 18.9 | 15.3 | 15.6 | 17.7 | 17.9 | 25.6 |
| 25                 | 13.7    | 14.2      | 17.7  | 27.8     | 23.8     | 18.6   | 17.7     | 25        | 29.3 | 30.1 | 29.3 | 14.5  | 19.5            | 16.6                | 25        | 19.7 | 15.9 | 16.2 | 18.4 | 18.6 | 26.6 |
| 26                 | 14.3    | 14.8      | 18.4  | 28.9     | 24.8     | 19.3   | 18.4     | 26        | 30.5 | 31.3 | 30.5 | 15.0  | 20.0            | 17.2                | 26        | 20.5 | 16.6 | 16.9 | 19.2 | 19.3 | 27.7 |
| 27                 | 14.8    | 15.4      | 19.1  | 30.0     | 25.7     | 20.1   | 19.1     | 27        | 31.6 | 32.5 | 31.7 | 15.6  | 21.1            | 17.9                | 27        | 21.3 | 17.2 | 17.5 | 19.9 | 20.1 | 28.8 |
| 28                 | 15.4    | 15.9      | 19.8  | 31.2     | 26.7     | 20.9   | 19.8     | 28        | 32.8 | 33.8 | 32.9 | 16.2  | 21.9            | 18.6                | 28        | 22.1 | 17.9 | 18.2 | 20.7 | 20.9 | 29.9 |
| 29                 | 16.0    | 16.5      | 20.6  | 32.3     | 27.7     | 21.6   | 20.6     | 29        | 34.1 | 35.0 | 34.1 | 16.8  | 22.7            | 19.3                | 29        | 22.9 | 18.5 | 18.9 | 21.4 | 21.6 | 31.0 |
| 30                 | 16.5    | 17.1      | 21.3  | 33.5     | 28.7     | 22.4   | 21.3     | 30        | 35.3 | 36.3 | 35.4 | 17.4  | 23.6            | 20.0                | 30        | 23.8 | 19.2 | 19.6 | 22.2 | 22.4 | 32.1 |
| 31                 | 17.1    | 17.8      | 22.1  | 34.7     | 29.7     | 23.2   | 22.1     | 31        | 36.6 | 37.6 | 36.6 | 18.1  | 24.4            | 20.8                | 31        | 24.6 | 19.9 | 20.3 | 23.0 | 23.2 | 33.3 |
| 32                 | 17.7    | 18.4      | 22.9  | 36.0     | 30.8     | 24.1   | 22.9     | 32        | 37.9 | 38.9 | 37.9 | 18.7  | 25.3            | 21.5                | 32        | 25.5 | 20.6 | 21.0 | 23.9 | 24.1 | 34.5 |
| 33                 | 18.4    | 19.0      | 23.7  | 37.2     | 31.9     | 24.9   | 23.7     | 33        | 39.2 | 40.3 | 39.2 | 19.3  | 26.2            | 22.3                | 33        | 26.4 | 21.3 | 21.7 | 24.7 | 24.9 | 35.7 |
| 34                 | 19.0    | 19.7      | 24.5  | 38.5     | 33.0     | 25.7   | 24.5     | 34        | 40.6 | 41.7 | 40.6 | 20.0  | 27.1            | 23.0                | 34        | 27.3 | 22.0 | 22.5 | 25.5 | 25.7 | 36.9 |
| 35                 | 19.6    | 20.3      | 25.3  | 39.8     | 34.1     | 26.6   | 25.3     | 35        | 41.9 | 43.1 | 42.0 | 20.7  | 28.0            | 23.8                | 35        | 28.2 | 22.8 | 23.2 | 26.4 | 26.6 | 38.1 |
| 36                 | 20.3    | 21.0      | 26.2  | 41.1     | 35.2     | 27.5   | 26.2     | 36        | 43.3 | 44.5 | 43.3 | 21.4  | 28.9            | 24.6                | 36        | 29.1 | 23.5 | 24.0 | 27.3 | 27.5 | 39.4 |
| 37                 | 20.9    | 21.7      | 27.0  | 42.4     | 36.3     | 28.4   | 27.0     | 37        | 44.7 | 45.9 | 44.7 | 22.1  | 29.9            | 25.4                | 37        | 30.1 | 24.3 | 24.8 | 28.1 | 28.4 | 40.7 |
| 38                 | 21.6    | 22.4      | 27.9  | 43.8     | 37.5     | 29.3   | 27.9     | 38        | 46.1 | 47.4 | 46.2 | 22.8  | 30.9            | 26.3                | 38        | 31.0 | 25.1 | 25.6 | 29.0 | 29.3 | 42.0 |
| 38A                | 22.3    | 23.1      | 28.8  | 45.2     | 38.7     | 30.2   | 28.8     | 38A       | 47.6 | 48.9 | 47.6 | 23.5  | 31.8            | 27.1                | 38A       | 32.0 | 25.9 | 26.4 | 30.0 | 30.2 | 43.3 |
| 39                 | 23.0    | 23.8      | 29.7  | 46.6     | 39.9     | 31.2   | 29.7     | 39        | 49.1 | 50.4 | 49.1 | 24.2  | 32.8            | 28.0                | 39        | 33.0 | 26.7 | 27.2 | 30.9 | 31.2 | 44.6 |
| 39A                | 23.7    | 24.5      | 30.6  | 48.0     | 41.1     | 32.1   | 30.6     | 39A       | 50.6 | 52.0 | 50.6 | 24.9  | 33.8            | 28.8                | 39A       | 34.0 | 27.5 | 28.0 | 31.8 | 32.1 | 46.0 |
| 40                 | 24.4    | 25.3      | 31.5  | 49.4     | 42.3     | 33.1   | 31.5     | 40        | 52.1 | 53.5 | 52.1 | 25.7  | 34.8            | 29.7                | 40        | 35.0 | 28.3 | 28.9 | 32.8 | 33.1 | 47.4 |
| 40A                | 25.1    | 26.0      | 32.4  | 50.9     | 43.6     | 34.1   | 32.4     | 40A       | 53.6 | 55.1 | 53.7 | 26.5  | 35.9            | 30.6                | 40A       | 36.1 | 29.1 | 29.7 | 33.8 | 34.1 | 48.8 |
| 41                 | 25.8    | 26.8      | 33.4  | 52.4     | 44.9     | 35.0   | 33.4     | 41        | 55.2 | 56.7 | 55.2 | 27.2  | 36.9            | 31.5                | 41        | 37.1 | 30.0 | 30.6 | 34.7 | 35.0 | 50.2 |
| 41A                | 26.6    | 27.5      | 34.3  | 53.9     | 46.2     | 36.1   | 34.3     | 41A       | 56.8 | 58.4 | 56.8 | 28.0  | 38.0            | 32.4                | 41A       | 38.2 | 30.9 | 31.5 | 35.7 | 36.1 | 51.6 |
| 42                 | 27.3    | 28.3      | 35.3  | 55.4     | 47.5     | 37.1   | 35.3     | 42        | 58.4 | 60.0 | 58.4 | 28.8  | 39.1            | 33.3                | 42        | 39.3 | 31.7 | 32.4 | 36.8 | 37.1 | 53.1 |
| 42A                | 28.1    | 29.1      | 36.3  | 57.0     | 48.8     | 38.1   | 36.3     | 42A       | 60.0 | 61.7 | 60.1 | 29.6  | 40.2            | 34.3                | 42A       | 40.4 | 32.6 | 33.3 | 37.8 | 38.1 | 54.6 |
| 43                 | 28.9    | 29.9      | 37.3  | 58.5     | 50.1     | 39.2   | 37.3     | 43        | 61.7 | 63.4 | 61.7 | 30.4  | 41.3            | 35.2                | 43        | 41.5 | 33.5 | 34.2 | 38.8 | 39.2 | 56.1 |
| 43A                | 29.7    | 30.7      | 38.3  | 60.1     | 51.5     | 40.2   | 38.3     | 43A       | 63.4 | 65.1 | 63.4 | 31.3  | 42.4            | 36.2                | 43A       | 42.6 | 34.4 | 35.1 | 39.9 | 40.2 | 57.6 |
| 44                 | 30.5    | 31.6      | 39.3  | 61.7     | 52.9     | 41.3   | 39.3     | 44        | 65.1 | 66.9 | 65.1 | 32.1  | 43.5            | 37.2                | 44        | 43.7 | 35.4 | 36.1 | 41.0 | 41.3 | 59.2 |
| 44A                | 31.3    | 32.4      | 40.4  | 63.4     | 54.3     | 42.4   | 40.4     | 44A       | 66.8 | 68.6 | 66.8 | 32.9  | 44.7            | 38.2                | 44A       | 44.9 | 36.6 | 37.0 | 42.0 | 42.4 | 60.7 |
| 45                 | 32.1    | 33.2      | 41.4  | 65.0     | 55.7     | 43.5   | 41.4     | 45        | 68.5 | 70.4 | 68.6 | 33.8  | 45.9            | 39.2                | 45        | 46.1 | 37.2 | 38.0 | 43.1 | 43.5 | 62.3 |
| 45A                | 32.9    | 34.1      | 42.5  | 66.7     | 57.1     | 44.6   | 42.5     | 45A       | 70.3 | 72.3 | 70.4 | 34.7  | 47.1            | 40.2                | 45A       | 47.3 | 38.2 | 39.0 | 44.2 | 44.6 | 63.9 |
| 46                 | 33.7    | 35.0      | 43.6  | 68.4     | 58.6     | 45.8   | 43.6     | 46        | 72.1 | 74.1 | 72.2 | 35.6  | 48.3            | 41.2                | 46        | 48.5 | 39.2 | 39.9 | 45.4 | 45.8 | 65.6 |

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## WINCHESTER

## ACCURATE

|     | BUSHING # | SUPER TARGET | SUPER LITE | 296  | 571  | 452  | 473  | 540  | SUPER FIELD | BUSHING # | ROYAL SCOT D | ACCURATE NO. 5 | SCOT SOLO 1000 | PEARL SCOT | ACCURATE NO. 2 | SCOT NITRO 100 | SCOT SOLO 1250 | SCOT 453 | SCOT RED DIAMOND |
|-----|-----------|--------------|------------|------|------|------|------|------|-------------|-----------|--------------|----------------|----------------|------------|----------------|----------------|----------------|----------|------------------|
| 10  | 7.9       | 10.6         | 13.7       | 13.4 | 7.5  | 9.1  | 13.0 | 10.9 | 10          | 7.9       | 13.7         | 6.4            | 6.7            | 10.7       | 7.1            | 7.2            | 8.8            | 6.3      |                  |
| 11  | 8.3       | 11.2         | 14.6       | 14.2 | 7.9  | 9.7  | 13.8 | 11.5 | 11          | 8.3       | 14.6         | 6.8            | 7.2            | 11.3       | 7.5            | 7.6            | 9.3            | 6.7      |                  |
| 12  | 8.8       | 11.9         | 15.4       | 15.0 | 8.4  | 10.2 | 14.6 | 12.2 | 12          | 8.8       | 15.4         | 7.2            | 7.6            | 12.0       | 7.9            | 8.1            | 9.8            | 7.1      |                  |
| 12A | 9.3       | 12.5         | 16.3       | 15.8 | 8.9  | 10.8 | 15.4 | 12.9 | 12A         | 9.3       | 16.3         | 7.6            | 8.0            | 12.6       | 8.4            | 8.5            | 10.4           | 7.5      |                  |
| 13  | 9.8       | 13.2         | 17.2       | 16.7 | 9.4  | 11.4 | 16.3 | 13.6 | 13          | 9.8       | 17.2         | 8.0            | 8.4            | 13.3       | 8.8            | 9.0            | 10.9           | 7.9      |                  |
| 13A | 10.4      | 13.9         | 18.1       | 17.6 | 9.9  | 12.0 | 17.1 | 14.3 | 13A         | 10.4      | 18.1         | 8.5            | 8.9            | 14.1       | 9.3            | 9.5            | 11.5           | 8.3      |                  |
| 14  | 10.9      | 14.6         | 19.0       | 18.5 | 10.4 | 12.6 | 18.0 | 15.0 | 14          | 10.9      | 19.0         | 8.9            | 9.3            | 14.8       | 9.8            | 10.0           | 12.1           | 8.7      |                  |
| 15  | 11.4      | 15.4         | 20.0       | 19.5 | 10.9 | 13.2 | 19.0 | 15.8 | 15          | 11.4      | 20.0         | 9.3            | 9.8            | 15.5       | 10.3           | 10.5           | 12.7           | 9.2      |                  |
| 16  | 12.0      | 16.2         | 21.0       | 20.4 | 11.4 | 13.9 | 19.9 | 16.6 | 16          | 12.0      | 21.0         | 9.8            | 10.3           | 16.3       | 10.8           | 11.0           | 13.4           | 9.6      |                  |
| 17  | 12.6      | 16.9         | 22.0       | 21.4 | 12.0 | 14.6 | 20.8 | 17.4 | 17          | 12.6      | 22.0         | 10.3           | 10.8           | 17.1       | 11.3           | 11.5           | 14.0           | 10.1     |                  |
| 18  | 13.2      | 17.7         | 23.0       | 22.4 | 12.6 | 15.3 | 21.8 | 18.2 | 18          | 13.2      | 23.0         | 10.8           | 11.3           | 17.9       | 11.9           | 12.1           | 14.7           | 10.6     |                  |
| 19  | 13.8      | 18.5         | 24.1       | 23.4 | 13.1 | 16.0 | 22.8 | 19.0 | 19          | 13.8      | 24.1         | 11.3           | 11.8           | 18.7       | 12.4           | 12.6           | 15.3           | 11.1     |                  |
| 20  | 14.4      | 19.4         | 25.1       | 24.5 | 13.7 | 16.7 | 23.9 | 19.9 | 20          | 14.4      | 25.1         | 11.8           | 12.4           | 19.5       | 13.0           | 13.2           | 16.0           | 11.6     |                  |
| 21  | 15.0      | 20.2         | 26.2       | 25.6 | 14.3 | 17.4 | 24.9 | 20.8 | 21          | 15.0      | 26.2         | 12.3           | 12.9           | 20.4       | 13.5           | 13.8           | 16.7           | 12.1     |                  |
| 22  | 15.7      | 21.1         | 27.4       | 26.7 | 14.9 | 18.2 | 26.0 | 21.6 | 22          | 15.7      | 27.4         | 12.8           | 13.5           | 21.3       | 14.1           | 14.4           | 17.5           | 12.6     |                  |
| 23  | 16.3      | 22.0         | 28.5       | 27.8 | 15.6 | 18.9 | 27.1 | 22.6 | 23          | 16.3      | 28.5         | 13.3           | 14.0           | 22.2       | 14.7           | 15.0           | 18.2           | 13.1     |                  |
| 24  | 17.0      | 22.9         | 29.7       | 28.9 | 16.2 | 19.7 | 28.2 | 23.5 | 24          | 17.0      | 29.7         | 13.9           | 14.6           | 23.1       | 15.3           | 15.6           | 18.9           | 13.7     |                  |
| 25  | 17.7      | 23.8         | 30.9       | 30.1 | 16.9 | 20.5 | 29.3 | 24.4 | 25          | 17.7      | 30.9         | 14.5           | 15.2           | 24.0       | 15.9           | 16.2           | 19.7           | 14.2     |                  |
| 26  | 18.4      | 24.8         | 32.1       | 31.3 | 17.5 | 21.3 | 30.5 | 25.4 | 26          | 18.4      | 32.1         | 15.0           | 15.8           | 25.0       | 16.6           | 16.9           | 20.5           | 14.8     |                  |
| 27  | 19.1      | 25.7         | 33.4       | 32.5 | 18.2 | 22.1 | 31.7 | 26.4 | 27          | 19.1      | 33.4         | 15.6           | 16.4           | 25.9       | 17.2           | 17.5           | 21.3           | 15.4     |                  |
| 28  | 19.8      | 26.7         | 34.6       | 33.8 | 18.9 | 23.0 | 32.9 | 27.4 | 28          | 19.8      | 34.6         | 16.2           | 17.0           | 26.9       | 17.9           | 18.2           | 22.1           | 15.9     |                  |
| 29  | 20.6      | 27.7         | 35.9       | 35.0 | 19.6 | 23.8 | 34.1 | 28.4 | 29          | 20.6      | 35.9         | 16.8           | 17.7           | 27.9       | 18.5           | 18.9           | 22.9           | 16.5     |                  |
| 30  | 21.3      | 28.7         | 37.3       | 36.3 | 20.3 | 24.7 | 35.4 | 29.5 | 30          | 21.3      | 37.3         | 17.4           | 18.3           | 29.0       | 19.2           | 19.6           | 23.8           | 17.1     |                  |
| 31  | 22.1      | 29.7         | 38.6       | 37.6 | 21.1 | 25.6 | 36.6 | 30.5 | 31          | 22.1      | 38.6         | 18.1           | 19.0           | 30.0       | 19.9           | 20.3           | 24.6           | 17.8     |                  |
| 32  | 22.9      | 30.8         | 40.0       | 38.9 | 21.8 | 26.5 | 37.9 | 31.6 | 32          | 22.9      | 40.0         | 18.7           | 19.6           | 31.1       | 20.6           | 21.0           | 25.5           | 18.4     |                  |
| 33  | 23.7      | 31.9         | 41.4       | 40.3 | 22.6 | 27.4 | 39.2 | 32.7 | 33          | 23.7      | 41.4         | 19.3           | 20.3           | 32.2       | 21.3           | 21.7           | 26.4           | 19.0     |                  |
| 34  | 24.5      | 33.0         | 42.8       | 41.7 | 23.3 | 28.4 | 40.6 | 33.8 | 34          | 24.5      | 42.8         | 20.0           | 21.0           | 33.3       | 22.0           | 22.5           | 27.3           | 19.7     |                  |
| 35  | 25.3      | 34.1         | 44.2       | 43.1 | 24.1 | 29.3 | 42.0 | 35.0 | 35          | 25.3      | 44.2         | 20.7           | 21.7           | 34.4       | 22.8           | 23.2           | 28.2           | 20.3     |                  |
| 36  | 26.2      | 35.2         | 45.7       | 44.5 | 24.9 | 30.3 | 43.3 | 36.1 | 36          | 26.2      | 45.7         | 21.4           | 22.4           | 35.5       | 23.5           | 24.0           | 29.1           | 21.0     |                  |
| 37  | 27.0      | 36.3         | 47.1       | 45.9 | 25.7 | 31.3 | 44.7 | 37.3 | 37          | 27.0      | 47.1         | 22.1           | 23.2           | 36.7       | 24.3           | 24.8           | 30.1           | 21.7     |                  |
| 38  | 27.9      | 37.5         | 48.7       | 47.4 | 26.6 | 32.3 | 46.2 | 38.5 | 38          | 27.9      | 48.7         | 22.8           | 23.9           | 37.8       | 25.1           | 25.6           | 31.0           | 22.4     |                  |
| 38A | 28.8      | 38.7         | 50.2       | 48.9 | 27.4 | 33.3 | 47.6 | 39.7 | 38A         | 28.8      | 50.2         | 23.5           | 24.7           | 39.0       | 25.9           | 26.4           | 32.0           | 23.1     |                  |
| 39  | 29.7      | 39.9         | 51.7       | 50.4 | 28.3 | 34.3 | 49.1 | 40.9 | 39          | 29.7      | 51.7         | 24.2           | 25.4           | 40.2       | 26.7           | 27.2           | 33.0           | 23.8     |                  |
| 39A | 30.6      | 41.1         | 53.3       | 52.0 | 29.1 | 35.4 | 50.6 | 42.2 | 39A         | 30.6      | 53.3         | 24.9           | 26.2           | 41.5       | 27.5           | 28.0           | 34.0           | 24.5     |                  |
| 40  | 31.5      | 42.3         | 54.9       | 53.5 | 30.0 | 36.4 | 52.1 | 43.4 | 40          | 31.5      | 54.9         | 25.7           | 27.0           | 42.7       | 28.3           | 28.9           | 35.0           | 25.3     |                  |
| 40A | 32.4      | 43.6         | 56.6       | 55.1 | 30.9 | 37.5 | 53.7 | 44.7 | 40A         | 32.4      | 56.6         | 26.5           | 27.8           | 44.0       | 29.1           | 29.7           | 36.1           | 26.0     |                  |
| 41  | 33.4      | 44.9         | 58.2       | 56.7 | 31.8 | 38.6 | 55.2 | 46.0 | 41          | 33.4      | 58.2         | 27.2           | 28.6           | 45.3       | 30.0           | 30.6           | 37.1           | 26.8     |                  |
| 41A | 34.3      | 46.2         | 59.9       | 58.4 | 32.7 | 39.7 | 56.8 | 47.4 | 41A         | 34.3      | 59.9         | 28.0           | 29.4           | 46.6       | 30.9           | 31.5           | 38.2           | 27.5     |                  |
| 42  | 35.3      | 47.5         | 61.6       | 60.0 | 33.6 | 40.9 | 58.4 | 48.7 | 42          | 35.3      | 61.6         | 28.8           | 30.3           | 47.9       | 31.7           | 32.4           | 39.3           | 28.3     |                  |
| 42A | 36.3      | 48.8         | 63.3       | 61.7 | 34.6 | 42.0 | 60.1 | 50.1 | 42A         | 36.3      | 63.3         | 29.6           | 31.1           | 49.2       | 32.6           | 33.3           | 40.4           | 29.1     |                  |
| 43  | 37.3      | 50.1         | 65.0       | 63.4 | 35.5 | 43.2 | 61.7 | 51.5 | 43          | 37.3      | 65.0         | 30.4           | 32.0           | 50.6       | 33.5           | 34.2           | 41.5           | 29.9     |                  |
| 43A | 38.3      | 51.5         | 66.8       | 65.1 | 36.5 | 44.3 | 63.4 | 52.9 | 43A         | 38.3      | 66.8         | 31.3           | 32.8           | 52.0       | 34.4           | 35.1           | 42.6           | 30.7     |                  |
| 44  | 39.3      | 52.9         | 68.6       | 66.9 | 37.5 | 45.5 | 65.1 | 54.3 | 44          | 39.3      | 68.6         | 32.1           | 33.7           | 53.4       | 35.4           | 36.1           | 43.7           | 31.6     |                  |
| 44A | 40.4      | 54.3         | 70.4       | 68.6 | 38.5 | 46.7 | 66.8 | 55.7 | 44A         | 40.4      | 70.4         | 32.9           | 34.6           | 54.8       | 36.6           | 37.0           | 44.9           | 32.4     |                  |
| 45  | 41.4      | 55.7         | 72.3       | 70.4 | 39.5 | 47.9 | 68.6 | 57.2 | 45          | 41.4      | 72.3         | 33.8           | 35.5           | 56.2       | 37.2           | 38.0           | 46.1           | 33.2     |                  |
| 45A | 42.5      | 57.1         | 74.1       | 72.3 | 40.5 | 49.2 | 70.4 | 58.6 | 45A         | 42.5      | 74.1         | 34.7           | 36.4           | 57.7       | 38.2           | 39.0           | 47.3           | 34.1     |                  |
| 46  | 43.6      | 58.6         | 76.0       | 74.1 | 41.5 | 50.4 | 72.2 | 60.1 | 46          | 43.6      | 76.0         | 35.6           | 37.4           | 59.1       | 39.2           | 39.9           | 48.5           | 35.0     |                  |

### COMPATIBLE COMPONENTS:

Primers, wads, powder charge and weight of the shot charge must be in accordance with manufacturers' specifications. Handloader guides are available from component manufacturers or possibly from your source of reloading components. We recommend that you use the data listed in the handloader guides. Because we have no control over the type, quality, or quantity of components used, we assume no responsibility relative to your reloading or finished shells.

## POWDER CONVERSION TABLE

| GRAINS PER LOAD | LOADS PER POUND | GRAINS PER LOAD | LOADS PER POUND | GRAINS PER LOAD | LOADS PER POUND | GRAINS PER LOAD | LOADS PER POUND | GRAINS PER LOAD | LOADS PER POUND | GRAINS PER LOAD | LOADS PER POUND |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 12              | 583             | 18              | 388             | 24              | 291             | 30              | 233             | 36              | 194             | 42              | 166             |
| 13              | 538             | 19              | 368             | 25              | 280             | 31              | 225             | 37              | 189             | 43              | 162             |
| 14              | 500             | 20              | 350             | 26              | 269             | 32              | 218             | 38              | 184             |                 |                 |
| 15              | 466             | 21              | 333             | 27              | 259             | 33              | 212             | 39              | 179             |                 |                 |
| 16              | 437             | 22              | 318             | 28              | 250             | 34              | 205             | 40              | 175             |                 |                 |
| 17              | 411             | 23              | 304             | 29              | 241             | 35              | 200             | 41              | 170             |                 |                 |