

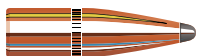
257 Roberts Improved

Rifle:	Winchester 70	Bullet Diameter:	0.257"
Barrel:24", 1 in 10" Twist	Maximum COL:	3.065"
Case:	Remington	Max. Case Length:	2.230"
Primer:	Federal 210	Case Trim Length:	2.220"

The process of "improving" a standard factory cartridge is a simple one; case capacity is enlarged by increasing the shoulder angle and (usually) by reducing the body taper. When fired in an improved chamber, factory ammunition fireforms to the new case dimensions, though at a slight loss in velocity. With greater powder capacity, the improved case generally—though not always—has a higher velocity potential.

P. O. Ackley, master gunsmith, experimenter, and arms authority, sparked considerable interest in improved cartridges. The 257 Improved is a fine performer, adding up to 100 fps velocity over its factory cousin. One of its advantages, Ackley noted, is the fact that 257 Roberts factory ammunition can be used in an improved rifle if necessary. Other 25 caliber wildcats are not this flexible.

The 257 Improved is all that the 257 Roberts is—and a bit more. (Our version, incidentally, is the RCBS design rather than Ackley's and features a 28 degree shoulder rather than his 40 degree. Loading information is similar but approach maximum loads with care.) A comparison of the loading data for both cartridges will show our very satisfactory experience with it. Suitable for a wide variety of North American game, the 257 Improved is also an excellent varmint cartridge which thrives on 75 and 87 grain Hornady bullets.

100 GRAIN BULLETSSECTIONAL DENSITY:
DIAMETER:0.216
0.257"

100 gr. InterLock®
SP (Discontinued)
 Item No. 2540
 C.O.L.: 2.840"
 G1 B.C.: 0.325

POWDER	VELOCITY (FPS – feet per second)					
	2700	2800	2900	3000	3100	3200
H4895	34.7 gr.	36.2 gr.	37.7 gr.	39.2 gr.	40.7 gr.	
IMR 4064	35.2 gr.	36.7 gr.	38.2 gr.	39.7 gr.	41.1 gr.	
IMR 4320	35.7 gr.	37.3 gr.	38.8 gr.	40.4 gr.	41.9 gr.	
H380		39.3 gr.	41.0 gr.	42.7 gr.		
IMR 4350		40.7 gr.	42.3 gr.	43.8 gr.	45.3 gr.	
WIN 760	43.0 gr.	44.6 gr.	46.2 gr.	47.8 gr.	49.5 gr.	
H4831	43.8 gr.	45.4 gr.	46.9 gr.	48.5 gr.	50.0 gr.	
Alliant RL-19	44.3 gr.	46.1 gr.	47.8 gr.	49.5 gr.	51.2 gr.	
VIHT N-165	44.1 gr.	46.1 gr.	48.1 gr.	50.0 gr.	52.0 gr.	54.0 gr.

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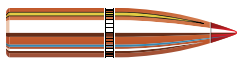
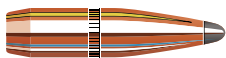
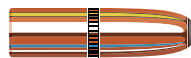
110 GRAIN BULLETSSECTIONAL DENSITY:
DIAMETER:0.238
0.257"

110 gr. InterBond®
 Item No. 25419
 C.O.L.: 2.910"
 G1 B.C.: 0.390

NOTE: USE 117 GRAIN POWDER DATA FOR LOADING THESE BULLETS

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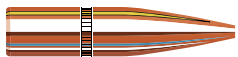
117 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:0.253
0.257"**117 gr. SST®**
Item No. 25522
C.O.L.: 2.910"
G1 B.C.: 0.390**117 gr. InterLock® BTSP**
Item No. 2552
C.O.L.: 2.910"
G1 B.C.: 0.391**117 gr. InterLock® RN**
Item No. 2550
C.O.L.: 2.830"
G1 B.C.: 0.243

VELOCITY (FPS – feet per second)					
POWDER	2500	2600	2700	2800	2900
H4895	33.8 gr.	35.4 gr.	37.0 gr.	38.6 gr.	
IMR 4064	34.0 gr.	35.7 gr.	37.4 gr.	39.1 gr.	
IMR 4320	34.6 gr.	36.3 gr.	38.1 gr.		
H380	36.7 gr.	38.3 gr.	39.9 gr.	41.5 gr.	
IMR 4350	37.9 gr.	39.5 gr.	41.1 gr.	42.7 gr.	44.3 gr.
WIN 760	39.1 gr.	41.0 gr.	42.8 gr.	44.7 gr.	
H4831		43.0 gr.	44.7 gr.	46.4 gr.	48.1 gr.
VIHT N-165		42.8 gr.	45.0 gr.	47.1 gr.	49.3 gr.
Alliant RL-19		43.2 gr.	45.3 gr.	47.4 gr.	49.6 gr.

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120 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:0.260
0.257"**120 gr. InterLock®
HP (Discontinued)**
Item No. 2560
C.O.L.: 2.940"
G1 B.C.: 0.394

VELOCITY (FPS – feet per second)					
POWDER	2400	2500	2600	2700	2800
IMR 4064	33.3 gr.	34.9 gr.	36.5 gr.	38.0 gr.	
IMR 4320	34.7 gr.	36.3 gr.	37.9 gr.		
H380	35.2 gr.	36.9 gr.	38.7 gr.	40.5 gr.	
IMR 4350		38.2 gr.	39.9 gr.	41.7 gr.	43.5 gr.
VIHT N-165			40.3 gr.	43.3 gr.	46.3 gr.
WIN 760	37.5 gr.	39.3 gr.	41.0 gr.	42.8 gr.	44.5 gr.
Alliant RL-19		41.2 gr.	43.0 gr.	44.8 gr.	46.6 gr.
H4831		42.7 gr.	44.8 gr.	46.9 gr.	49.0 gr.

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75 GRAIN BULLETS

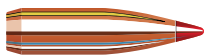
SECTIONAL DENSITY:
DIAMETER:

0.162
0.257"

257 Roberts Improved



75 gr. HP (Discontinued)
Item No. 2520
C.O.L.: 2.790"
G1 B.C.: 0.257



75 gr. V-MAX®
Item No. 22520
C.O.L.: 2.790"
G1 B.C.: 0.290

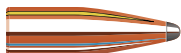
POWDER	VELOCITY (FPS – feet per second)					
	3100	3200	3300	3400	3500	3600
H4198	32.2 gr.	33.7 gr.	35.2 gr.	36.7 gr.	38.2 gr.	
IMR 3031	36.0 gr.	37.3 gr.	38.5 gr.	39.8 gr.	41.1 gr.	
H4895	38.0 gr.	39.3 gr.	40.7 gr.	42.0 gr.	43.3 gr.	44.6 gr.
IMR 4064	38.5 gr.	39.8 gr.	41.1 gr.	42.4 gr.	43.7 gr.	45.1 gr.
IMR 4320	39.5 gr.	40.8 gr.	42.1 gr.	43.3 gr.	44.6 gr.	45.8 gr.
VIHT N-140	40.0 gr.	41.5 gr.	42.9 gr.	44.4 gr.	45.8 gr.	
Alliant RL-15	41.2 gr.	42.4 gr.	43.6 gr.	44.9 gr.	46.1 gr.	47.3 gr.
H380		42.7 gr.	44.3 gr.	46.0 gr.	47.6 gr.	49.3 gr.
Accurate 2700	42.6 gr.	44.0 gr.	45.4 gr.	46.7 gr.	48.1 gr.	
WIN 760	44.4 gr.	46.1 gr.	47.8 gr.	49.5 gr.	51.3 gr.	53.0 gr.

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87 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:

0.188
0.257"



87 gr. SP (Discontinued)
Item No. 2530
C.O.L.: 2.845"
G1 B.C.: 0.290

POWDER	VELOCITY (FPS – feet per second)					
	2900	3000	3100	3200	3300	3400
IMR 3031		35.9 gr.	37.4 gr.	38.9 gr.	40.3 gr.	
H4895		37.6 gr.	39.1 gr.	40.5 gr.	41.9 gr.	
IMR 4064		38.0 gr.	39.4 gr.	40.8 gr.	42.2 gr.	
IMR 4320		38.6 gr.	40.0 gr.	41.5 gr.	43.0 gr.	
VIHT N-150	36.6 gr.	38.5 gr.	40.4 gr.	42.3 gr.		
Alliant RL-15	37.6 gr.	39.2 gr.	40.8 gr.	42.4 gr.	44.0 gr.	
H380		40.9 gr.	42.5 gr.	44.1 gr.	45.7 gr.	
IMR 4350			45.0 gr.	46.4 gr.	47.8 gr.	
Accurate 4350	42.5 gr.	44.0 gr.	45.4 gr.	46.9 gr.	48.4 gr.	
WIN 760			45.4 gr.	47.3 gr.	49.2 gr.	51.1 gr.
H4831		47.7 gr.	49.3 gr.	51.0 gr.	52.6 gr.	

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