

PATTERNING RESULTS

To compile the pattern data, we fired three shots at 40 yards, counted the number of pellets inside a 30-inch target circle, and averaged the results. Though standards for pattern efficiency vary, we were looking for 50 percent patterning for Improved Cylinder chokes at 40 yards, 60 percent for Modified chokes, and 70 percent for Full chokes. For each choke listed below, we also measured the bore size and the amount of constriction for each choke.

Browning Gold Hunter Bore Size=0.739 inch

	IC Choke	Modified Choke	Full Choke
	Constriction	Constriction	Constriction
	0.005 in.	0.012 in.	0.30 in.
	Pattern	Pattern	Pattern
Load	Efficiency	Efficiency	Efficiency
Winchester Dove & Quail	46%	52%	63%
Winchester Hunter	48%	54%	63%
Remington Heavy Target	44%	53%	64%
Federal Gold Medal Paper	46%	54%	68%
Winchester Super-Lite	47%	56%	67%
Average	46%	54%	65%

Remington 1187 Bore Size = 0.728 in.

	IC Choke	Modified Choke	Full Choke
	Constriction	Constriction	Constriction
	0.011 in.	0.018 in.	0.37 in.
	Pattern	Pattern	Pattern
Load	Efficiency	Efficiency	Efficiency
Winchester Dove & Quail	46%	57%	65%
Winchester Hunter	48%	60%	66%
Remington Heavy Target	48%	55%	64%
Federal Gold Medal Paper	47%	54%	67%
Winchester Super-Lite	47%	55%	65%
Average	47%	56%	66%

Beretta Silver Mallard Bore Size = 0.723 in.

	IC Choke	Modified Choke	Full Choke
	Constriction	Constriction	Constriction
	0.007 in.	0.018 in.	0.32 in.
	Pattern	Pattern	Pattern
Load	Efficiency	Efficiency	Efficiency
Winchester Dove & Quail	42%	49%	62%
Winchester Hunter	41%	54%	59%
Remington Heavy Target	43%	52%	63%
Federal Gold Medal Paper	42%	51%	66%
Winchester Super-Lite	42%	52%	65%
Average	42%	52%	63%

Load Data: Winchester Dove & Quail, 3¹/₄ drams, 1¹/₈ oz., No. 7¹/₂. Winchester Hunter, 3¹/₄ drams, 1¹/₈ oz., No. 7¹/₂. Remington Heavy Target, 3 drams, 1¹/₈ oz., No. 8. Federal Gold Medal Paper, 2³/₄ drams, 1¹/₈ oz., No. 8. Winchester Super-Lite, 2³/₄ drams, 1¹/₈ oz., No. 7¹/₂