



Royal Canadian Mounted Police
Gendarmerie Royale du Canada

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Purchase Description

Ammunition, Rifle, .308 Winchester 168gr Boat Tail Hollow Point

This document has 5 pages including the drawings.

This document was created in English.

The document is available in English and French.

English/Anglais
Francais/French

The photograph on this page is for reference only.

AMMUNITION
PURCHASE DESCRIPTION

Item: **.308 Winchester 168gr Boat Tail Hollow Point.**

Note: Based on extensive testing by the Armourer Section Ordnance Quality Assurance, and field testing the following is the only acceptable ammunition under this Purchase Description:

- Federal 168 gr. BTHP Match - Product Code: XM308R
(This ammunition is to be used by RCMP ERT personnel only)

In any one R.C.M.P. order of this calibre the ammunition supplied should be of the same lot number. If the amount of the order requires more than one lot then the lots supplied should, as much as possible, be consecutive.

1. ESSENTIAL QUALITY STANDARDS

- (A) VELOCITY - An average of 10 at 15 ft: 2,670 f/s (+/- 90 f/s) when tested from a standard SAAMI test barrel.
- (B) PRESSURE - A maximum average of 10: 62,000 P.S.I. using piezoelectric system for pressure measuring.
- (C) Based on ANSI/SAAMI Z299.4-1992
- (D) DEFECTIVE TOLERANCES

Ammunition not falling within the noted tolerances may be subject to return to the supplier together with all ammunition from the same lot for replacement or monetary return at the discretion of the R.C.M.P. Ammunition returned under this condition will be at the supplier's cost.

Sampling Plan & Acceptable Quality Levels:

Canadian Government Specifications Board Standard on Inspection by Attributes 105-GP-1 Table I General Inspection Level III Table 3A Double sampling plan for normal inspection.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Critical (Functional)	0.00

Any ammunition manufacturing defect which would result in cartridge failure producing a firearms blow-up. Any loading or propellant powder defect which may result in a bullet lodging in the bore of a firearm.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Functional)	0.040

Misfires, hard extractions or any other defect which would seriously alter functioning or performance.

DEFECT DESCRIPTION	ALLOWABLE QUALITY LEVEL
Major (Visual & Dimensional)	0.040

Any visual or dimensional defect which would seriously alter functioning or performance.

2. PERFORMANCE STANDARDS:

(A) Accuracy Specifications:

Five - 5 shot groups must average not more than 1 inch at 100 yards when fired from a sniper rifle.

Ammunition not meeting this accuracy specification will be treated as exceeding a defect tolerance.

(B) This ammunition must function in the Winchester Model 70, and the Hart barrel/Remington action sniper rifle.

3. IDENTIFICATION STANDARDS - Commercial

4. QUALITY ASSURANCE

(A) The successful tenderer shall supply on request of the Senior Armourer the following:

- (i) Written assurance that the ammunition to be supplied under this agreement meets or exceeds the "Essential Quality Standards", "Performance Standards" and "Identification Standards".
- (ii) A print of the empty headed primed case.
- (iii) A print of the bullet.
- (iv) A print of the assembled cartridge.

These prints must contain all pertinent dimensions with maximum and minimum tolerances.

- (v) A copy of the supplier's Quality Control Inspection procedures.
- (B) Random sampling based upon a reasonable quantity (as established in Appendix "A") to verify manufacturer's Quality Assurance results.