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Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

	Chemically Coupled	nose insert molded into bolt plug, brass spring retainer ultrasonically welded.
Receiver Insert	Nylon 6, 6 30% Glass Filled 2% Si, 1% PTFE (Internal Lubricant)	Brass threaded insert ultrasonically welded into receiver insert.

3.5 ABUSIVE TESTING**3.5.1 Impact Testing****3.5.1.1 TLW00104Q - SAAMI Drop Test**

This test simulates abusive dropping of a firearm from a vertical distance of 48". There are six orientations used for each rifle:

Barrel vertical, muzzle down,
Barrel vertical, muzzle up,
Barrel horizontal, bottom up,
Barrel horizontal, bottom down,
Barrel horizontal, left side up,
Barrel horizontal, right side up.

A primed case is loaded into the chamber for the drop series. At the completion of the five drops the trigger is pulled firing the primed case to insure that the firearm still functions normally. For this test approximately ½ of the test rifles were dropped with a scope attached to the rifle while the other half of the test rifles were dropped with open sights.

Jan 2001 Design Acceptance Test Remington M710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0100
file: E:\Test Reports\Firearms Tests\M710_DAT_REPORT_JAN01_Rev1.doc

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