

**FEATURED CARBINE: QUALITY HARDWARE 4645574**

For the beginning collector: Quality Hardware and Machine Company (QHMC) carbines can be very interesting, because the parent company only manufactured one part, the receiver. Everything else was subcontracted. Actually, QHMC didn't even make all of their receivers. Those marked with the odd logo UN-QUALITY were produced by the Union Switch & Signal Corporation.

Thanks to Marcus Rust for his contribution of this carbine, which contains some interesting features and parts. It has the early RMC-marked (rather than Q-RMC) I-cut high-wood stock. This stock has the internal modification to accommodate the type 1 "spring tube" (with lug) on a type 2 receiver. See Newsletters 114-1 and 328-2. QHMC used the type 1 receiver for probably less than 2000 receivers, before switching to the **type 2** receiver for the remainder of their "in house" production.

Review for the beginning collector: Type 1 receivers have a rectangular hole in the right side rail, that is the slide dismount notch. In an assembled carbine, the rectangular hole is "filled" by the lug on the spring tube, allowing uninterrupted movement of the slide. In theory, the slide could not accidentally dismount because the lug filled the hole. The carbine had to be disassembled (spring tube removed) before the slide could be dismounted.

When Winchester, the originator of this design, switched to the type 2 receiver (without the rectangular hole), the simple solution was to grind the lug off the remaining supply of type 1 spring tubes. Rock-Ola, however, chose to modify the stock instead. A notch (or recess) was cut, so that – with the type 1 spring tube oriented so that the lug faced downward, the receiver could be inserted into the stock. See photo at right. (If a type 1 spring tube is installed on a type 2 receiver and placed into an unmodified stock, the lug will gouge the stock and possibly prevent reassembly of the carbine.)



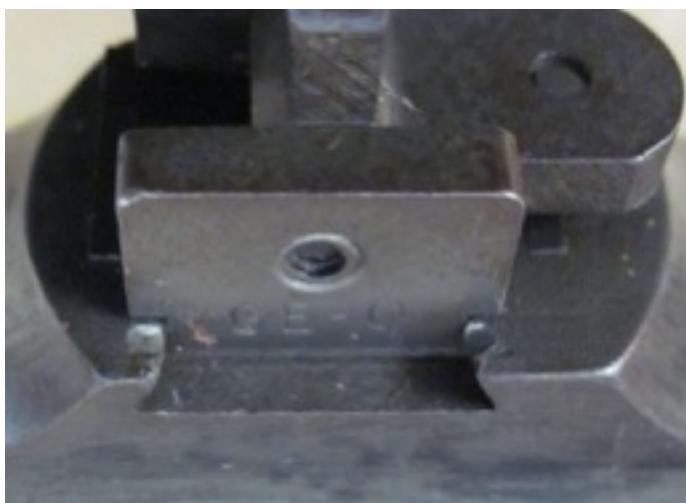
At any rate, this I-cut RMC-marked stock was replaced by the oval-cut stock with Q-RMC marking about two months before this carbine was assembled in about Oct-Nov 1943. Thus, this stock is presumed to be a "bottom of the bin" or a side-tracked "floor sweep" part.

Note the close proximity of the "crossed cannons" cartouche to the oiler slot. This is a consistent characteristic of QHMC carbines.





Above, note **GE-Q** rear sight with large circle staking of pin. Hardness test marks on receiver rear. Milled recess at a bottom of receiver for “spring tube” (Detachable Operating Spring Housing).



Note staking of rear sight on right side of dovetail.



Faint **PO-B** marking on front sight, just behind the “light hole.” Large circle pin staking of both sights.



**Q-NL** marking is on the inside of the push safety. Safety, **LT-Q** trigger and **LT-Q** mag catch are parkerized. **GE-Q** sear is “case colored.” The hammer spring guide, **LT-Q** hammer and **NL-Q** firing pin are “in the white.” Pins are blued.



**BE-B** trigger housing. IBM shipped a quantity of trigger housings to QHMC in Nov-Dec 1943.



Winchester logo on barrel with QHMC's proof-firing **P** mark below it. QHMC used WRA barrels in this serial number range and beyond.

**U** barrel band has 3 very weak weld scars on top. Swivel is **QU**.

Khaki (or very light green) sling with "C" end tabs and early "narrow" buckle (which is nearly impossible to adjust). Blued oiler is **IQ**.



See Newsletter 334 for the most recent QHMC update article by Ron Wellman. See data sheet on next page.

Marty Black

DATA SHEET	CARBINE CLUB	REV 01-01-11	REPORTER MARCUS RUST	ADDITIONAL DATA ON BACK
<b>BOLT</b>		BLUE PARK.	LEFT LUG MARKS: BELOW LEFT LUG	RIGHT LUG EM-Q OTHER
FLAT ROUND		GAS PORT IN BOTTOM (1/16" HOLE)		YES NO
RT. LUG SHAPE ROUNDED POINTED		EXTRACTOR 1 V MOD 2 FLAT 3	MARKING TOP INSIDE W.Q.	PLUNGER
FIRING PIN MARKING NL-Q WHITE		1. 2. 3.	OP SPRING GUIDE TIP	EJECTOR TIP 1 2 3 4
<b>SLIDE</b> TYPE E219	TYPE = BOXES CHECKED EXAMPLE: E279A	CAM EARLY SHAPE	LATE	FRONT SIGHT KEYWAY CHAMBER SKIRT
ARM JOINT 1 3/8" BEVEL 2 3/16" STEP 3 9/16" STEP 4 M2 STEP		INTERNAL CAM CUT		SIGHT KEY RETENTION STAKING OF KEY
SLIDE BOX FULL REAR ROUND		PART ROUND	FLAT	CHISEL NOTCH NONE
APPROX. HOLE TO BOTTOM VIEW OF SLIDE 3/32" 232"		M: INSIDE BOTTOM A: OUTSIDE BOTTOM K: TOP OF BOX WALL	D: A-Q LEFT SIDE R: ARM S: SLIDE COLOR	MARK - GAS CYL. MARK - PISTON
<b>TRIGGER HOUSING</b>		BEVELS ON MILLED HOUSING TOP REAR CORNERS YES NO		SLIDE STOP HOUSING RETAIN. PIN
M1 MILLED M2 STAMPED/ BRAZED		FRONT YES NO		HAMMER SPRING RECESS YES NO
MARKING RIGHT LEFT BE-B		MAG WELL WALL INSIDE BOTTOM	OTHER	HAMMER SPRING COILS 22 26 1/2
TOP VIEW MAG WELL REAR WALL NARROW WIDE		WIDE LEFT M2	COLOR	HAMMER PLUNGER BLUE WHITE
MAG CATCH 1. 1a. 2. 3. 4. 4a. 5. 5a.		MK. LT-Q		LENGTH 3/4" HOLE FOR TUBE LUG YES NO
SAFETY 1. 2. 3. 4.		MK. Q-NL		⑤ OP. SPRING HOUSING INTEGRAL DETACHABLE TUBE
HAMMER PARK. BLUED NO FINISH		MARKS: Q-17 LEFT RIGHT FRONT		⑥ REAR TANG NARROW WIDE
SEAR M1 NO HOLE M2 HOLE		MARK GE-Q	SEAR SPRING STRAIGHT TAPER END	⑦ REAR HOLE NONE 3/16" FULL W.BUSH.
BARREL BAND 1 BAND 2 BAND 3 LUG SWIVEL QU U		<b>SIGHTS</b>		⑧ MILL CUT SQ. RD. VALLEY THUMBNAIL
FOR TYPE 1 BANDS - SLING WINDOW WIDTH 1/4" 5/16"		FRONT SIGHT MARKS TOP FRONT RIGHT		⑨ NOTCHES FRONT ONLY REAR ONLY BOTH
BAND RETAINER LINE NO LINE		REAR SIGHT MARKS LEFT RIGHT		⑩ HANDGUARD LIP LONG SHORT
STOCK M1 M1A1 T3 M2 M2 POTBELLY		GE-Q		REC. COLOR
RIGHT SIDE GRIP MARKS: IN SLING CUT RMC		OILER SLOT DEEPER CROSS CUTS HIGH WOOD AT SLIDE LOW	<b>HANDGUARD</b> GROOVE DEEP SHALLOW RIVETS 2 4	<b>BUTTPLATE</b> PATTERN SQUARE DIAG. MARKING B257614 OTHER
LEFT SIDE IN SLING CUT RMC		OTHER	HANDGUARD MARK RMC LINER MARK	M1A1 RIVETS BRASS TUBULAR STEEL SOLID RIVET MARK
				MARK LOCATION TOP TANG SIDE FRONT TANG BOTTOM BOTTOM HEAD MARK
				RECOIL PL. SCREW THREADED AREA