

The Davistown Museum  
 The Ancient Dominions of Maine: An Archaeology of Tools  
 Historic Maritime II (1720-1800): The Second Colonial Dominion & the Early  
 Republic

After the onset of the Indian wars of 1676, the Maine coast was essentially abandoned until settlers began returning to coastal Maine, starting in 1710. One of the earliest communities on the coast of Maine reoccupied after this interregnum (1676-1720) was the nearby settlement of Thomaston. What was, at first, tentative and isolated resettlement of the Maine coast east of Wells after 1710 became a flood of new immigrants after the fall of Quebec in 1759 and the Treaty of Paris in 1763. This treaty resulted in English control of Maine from the Piscataquis River to the St. Croix river opening up the previously dangerous inland environs of what was soon to become the Davistown Plantation and more distant eastern locations, such as Mount Desert Island and the Pleasant River settlements. The tools illustrated in this section of the museum collection are typical of those used by the second wave of settlers in Maine, including the early settlers of Davistown Plantation (1775). Shortly after resettlement, a vigorous timber harvesting and shipbuilding industry became the stimulus for a rapid growth in population, especially after the end of the American Revolution.

Status Location

### Agricultural Implements

42801T8	<b>Bill hook</b>	DTM
<p>Wood, forged iron and steel, 13" long, 3 5/8" cutter, unidentifiable touchmark.          The nicely turned handle and early touchmark indicate this bill hook is late 18th century. It is similar to the facines used by Revolutionary War soldiers to cut brush.  <a href="http://www.davistownmuseum.org/pics/42801t8.jpg">http://www.davistownmuseum.org/pics/42801t8.jpg</a></p>		
41302T6	<b>Corn dryer</b>	DTM
<p>Forged iron, 19 3/4" long with 9 tangs or barbs for drying the corn, unsigned.</p>		
101400T1	<b>Grafting froe</b>	DTM
<p>Forged iron, 12" long with a 3 1/2" long and 1/2" wide chisel and 2 3/8" wide block, unsigned.          This primitively forged 18th century tool was used for grafting fruit trees. The cutter makes the initial slot that is then deepened by the extended chisel.</p>		
31301T9	<b>Grub hoe</b>	DTM
<p>Forged iron and wood, 37" long with 11" long and 3 1/4" wide blade, unsigned.          This unique grub hoe has two ferrules, is distinctly hand forged and has a unique 18th century appearance. Maine coastal provenance.</p>		
102904T16	<b>Hay thief</b>	DTM
<p>Forged iron, wood handle, 34" long including 18" handle, unsigned, c. 1760 - 1820.          This hay thief has a gorgeous original twisted wood handle and a single prong, rather than a double prong. This tool is also known as a hay hook and was used for testing hay. Hay thieves would characterize most any 18th century New England farmyard though most specimens would not be the spectacular sculpture object that this one is.  <a href="http://www.davistownmuseum.org/pics/102904t16.jpg">http://www.davistownmuseum.org/pics/102904t16.jpg</a></p>		
81801T3	<b>Peat cutter</b>	DTM
<p>Forged iron and wood, 28 3/4" long, 4 3/4" (replaced) wood handle, unsigned.          The original handle would have been much longer to facilitate cutting the peat in coastal salt marshes prior to draining for salt hay grazing.</p>		
81101T22	<b>Peat cutter</b>	DTM
<p>Forged iron and wood, 33" long, 17" long handle, unsigned.          The early colonists drained the salt marshes and bogs with tools similar to this one, cutting the ditches that can still be seen throughout coastal New England.</p>		

## Davistown Museum Inventory of Tools - Maritime II

Agricultural Implements

Status Location

### TCK1001 Pitchfork

BDTM

Forged iron, 38" high, unsigned, 18th c.

A three tined, hand forged tool with a Concord, MA provenance. This tool was in the family it was purchased from at the battle of Lexington-Concord. After the war ended and the person who used this tool died, the tool was put away and saved for over 200 years until purchased from the last descendent in the family in Wayland, MA, several years ago.

<http://www.davistownmuseum.org/pics/tck1001.jpg>

### TCK1002 Shovel

BDTM

Cast iron and wood, 30 1/2" in height, 7" wide, signed "O. Ames", c. 1790-1810.

O. Ames is listed in DATM as working from 1779 - 1863. The Ames Shovel Co., North Easton, Mass., is still in business and has its own shovel museum in North Easton. This is a rare odd sized specimen of a small shovel and may be one of the earliest shovels produced by the Ames Co. Was this a specially made child's shovel? What was its purpose?

<http://www.davistownmuseum.org/pics/TCK1002.jpg>

## Axes

### 91303T2 Belt ax

DTM

Reforged iron and steel with a wooden handle, 3" long, 2" wide head, 8 1/4" long handle, unsigned.

This tiny tomahawk or hatchet is clearly made of forged iron and steel. All surfaces show evidence of hand filing after the forged iron was bent and fashioned into a miniature edge tool and then forged again into steel. A very unusual form.

<http://www.davistownmuseum.org/pics/91303t2.jpg>

### 61204T14 Belt hatchet

DTM

Forged iron, steel and wood, 7 1/2" long handle, 2 1/2" wide, 2 5/16" cutting edge, unsigned, c. 1700 - 1800.

An exquisite miniature belt (?) hatchet possibly used for hunting or light woodworking; a very unusual form.

<http://www.davistownmuseum.org/pics/61204T14.jpg>

### 091608T1 Hatchet

DTM

German steel, 5" long, 2 5/8" wide blade, 1/2" square poll, unsigned.

This miniature hatchet is particularly interesting because it is completely forge-welded with file marks on all surfaces, including the cutting edge. There is a hint of a welded steel-iron interface on one side, which could also be evidence of further heat treatment rather than the welded steel-iron interface. The relatively uniform appearance of the edge tool suggests that it is probably a German steel rather than blister steel edge tool.

### 111006T2 Hewing ax

DTM

German or blister steel, 9" long, 5 1/2" long blade, marked "20", c. 1700 - 1800.

The ax blade shows signs of later heat treatment of the cutting edge. A large 18th century trade ax in the continental style, probably French.

<http://www.davistownmuseum.org/pics/111006t2.jpg>

[http://www.davistownmuseum.org/pics/111006T2\\_p2.jpg](http://www.davistownmuseum.org/pics/111006T2_p2.jpg)

### 81411T1 Incomplete trade ax

DTM

Forged steel, 5 1/4" long, 3 3/4" wide, 2" high, unsigned.

A half-finished trade ax with the piece of metal intended to become a forge-welded edge attached but not yet hammered into shape.

<http://www.davistownmuseum.org/pics/81411t1web2.jpg>

<http://www.davistownmuseum.org/pics/81411t1web3.jpg>

### 61204T4 Sod ax

DTM

Forged iron and wood handle, 33" long, 3" poll, curved 8 1/2" blade, unsigned.

This is clearly made by a blacksmith with no signs of a weld steel cutting edge.

[http://www.davistownmuseum.org/pics/61204T4\\_p1.jpg](http://www.davistownmuseum.org/pics/61204T4_p1.jpg)

### 41203T11 Trade ax

DTM

German steel, 7 5/8" long, 3 1/2" blade, signed "\_M".

This ax was apparently broken in two and then rewelded. This partially obscured the maker's mark on it. It has the typical form of a trade ax with its light poll. It is difficult to date, but probably 18th century. It has only a slight hint of a weld steel cutting edge.

<http://www.davistownmuseum.org/pics/41203t11.jpg>

## Blacksmith and Farriers' Tools

## Davistown Museum Inventory of Tools - Maritime II

Blacksmith and Farriers' Tools

		Status	Location
TBF3501	<b>Bench vise</b>	DTM	
<p>Forged iron, 7" high, 2 1/2" wide, unsigned. The hold down is made from a recycled farriers' rasp.</p>			
TBB1002	<b>Blacksmith hammer</b>	DTM	
<p>Forged iron, 3" long, 1 5/16" wide face, unsigned, c. 1790-1800.</p>			
82500T4	<b>C clamp</b>	DTM	
<p>Forged iron, 2 3/4" throat depth, 3 1/4" wide, unsigned. The ram's horn wrought iron screw dates this sculptural clamp to the 18th century.</p>			
TBG1001	<b>Calipers</b>	DTM	
<p>Forged iron, 7 1/4" long, unsigned.</p>			
TBF1004	<b>Clamp</b>	DTM	
<p>Forged iron, 5 1/2" long, 3" throat, unsigned.</p>			
62406T3	<b>Currier slick fleshing knife</b>	DTM	
<p>Wrought iron and/or natural steel, 6" long, 2" blade, unsigned. Another tool forge-welded from a recycled rasp.</p>			
111406T3	<b>Dinglestock (field anvil)</b>		
<p>Wrought iron with a low carbon steel anvil top, 8 1/2" long, 9/16" wide post with a 1 5/8" square anvil top, 2" footpad, unsigned. The nicely wrought footpad is used to insert the item into the ground. Shows signs of wear.</p>			
TBB1001	<b>Double calipers</b>	BDTM	
<p>Forged iron, 18" long, 6" long adjustable wings, unsigned. The generic design of this tool is characteristic of both the 18th and early 19th centuries. The initials inscribed on its handle, are distinctly 18th century. <a href="http://www.davistownmuseum.org/pics/tbf1001.jpg">http://www.davistownmuseum.org/pics/tbf1001.jpg</a></p>			
31501T8	<b>Farriers' buttress</b>	DTM	
<p>Forged iron and wood, 21 1/2" long including an 11" wood handle, unsigned. A typical blacksmith made 18th or early 19th century farriers' tool for removing a horse's shoe. Maine provenance.</p>			
TBB1004A	<b>Gunsmith tools</b>	DTM	
<p>Forged iron, unsigned, c. 1740. This collection (27) of early taps, dies, diestocks and other tools in this 19th century toolbox are typical of those used by an 18th century blacksmith with skills in gunsmithing. The guns made by these tools predate the era of mass-produced guns with interchangeable parts. These tools have a southeastern Massachusetts origin, as does the box they were found in. (Note the Barnstable Mass notation on the lid of the box.) The blacksmith utilizing these tools may have specialized in gunsmithing, or as was more commonly the case, was skilled in a multitude of metal working trades.</p>			
101400T16	<b>Hand vise</b>	DTM	MHC-D
<p>Forged iron, unsigned. The distinctive ram's horn nut identifies this tool as 18th century.</p>			
92901T2	<b>Hot set</b>	DTM	MHC-J
<p>Forged iron, 13" long, 1 1/2" wide and 3/8" long cutting wedge, unsigned. Used for splitting forged iron prior to lapping and welding iron handles, strapping or other iron hardware. This tool was once part of the tool kit of the boat builder and plane maker Abiel Walker of Alna, Maine (b. 1808) and was probably an antique when he came into possession of it.</p>			
72801T10	<b>Nail header</b>	DTM	
<p>Forged iron, 14 1/2" long with a 3/4" x 3/8" pritchel or header hole, marked "LX" in 18th century script. Used for heading spikes for shipbuilding? Very early -- possibly 17th century?</p>			
12900T6	<b>Nippers</b>	DTM	
<p>Forged iron, 12 3/8" long, 7/8" wide cutters, unsigned, c. 1790 - 1800. A typical blacksmith horseshoe nail nipper of the period.</p>			

## Davistown Museum Inventory of Tools - Maritime II

Blacksmith and Farriers' Tools

### TBC1002A **Punch**

Forged iron with signs of bog iron, 11" long, unsigned.  
Unknown use.

Status Location  
DTM

### 111406T2 **Stump anvil**

Malleable iron and steel, 2 5/8" by 1 7/8" with a 3 3/8" tang, unsigned.

DTM

### TBB1003 **Tongs**

Forged iron, 15 1/2" long, 9/16" wide jaw, unsigned.  
This tool is difficult to date and could be late 18th century or early 19th century.

DTM

<http://www.davistownmuseum.org/pics/tbf1001.jpg>

## Boring Tools

### TBA1002 **Auger**

Forged iron, 14" long, 5/8" wide cutter, signed "ALDEN" and also inscribed "2 1/2" in eighteenth century script.  
DATM (Nelson 1999, 18) lists E. Alden as a maker of augers without a date or location.

DTM

### 41801T4 **Augers (2)**

Forged iron, 9" long, 1 7/17" diameter and 8 3/4" long, 3/4" diameter, unsigned, c. 1780 - 1800?.  
Typical blacksmith-made wood augers with distinctly forged shafts.

DTM

### 72801T11 **Gimlet auger**

Forged iron, 1' long, unsigned.  
Distinctly hand forged.

DTM

### 81801T5 **Lipped pod auger**

Iron and wood, 17" long, 17 1/2" wood handle, pod is 5 1/2" long, 1 1/2" wide, signed "N.° Smith I".  
No N. Smith is listed in DATM (Nelson 1999).

DTM

### 81801T4 **Pod auger**

Forged iron, 24 1/2" long, maximum width 11", pod is 1 7/8", unsigned.  
Used in shipbuilding and post and beam construction for cleaning out mortises and trammels. Similar tools were used as axle reamers.

DTM

### 070907T3 **Pod auger**

Forged iron, 23 3/4" long, 1 5/8" wide pod, .  
The typical kind of pod auger used before they invented the screw auger for cutting the holes for the trunnels.

DTM

[http://www.davistownmuseum.org/pics/070907t3\\_3.jpg](http://www.davistownmuseum.org/pics/070907t3_3.jpg)

[http://www.davistownmuseum.org/pics/070907t3\\_1.jpg](http://www.davistownmuseum.org/pics/070907t3_1.jpg)

### TBA1004 **Pod auger**

Forged iron, 26" long, unsigned, 18th century.  
Used in the creation of wooden water pipes.

DTM

<http://www.davistownmuseum.org/pics/tba1004.jpg>

### TBA1003 **Pod auger**

Forged iron, 6 3/8" long, handle 4 1/4" wide, unsigned, 18th century.

DTM

### TBA1001 **Pod auger**

Forged iron, 6 1/2" long, 7 3/4" long handle, unsigned, distinctly 18th century.

DTM

### 81101T10 **Screw auger**

Forged iron and wood, 15" long, 1 1/8" diameter, 14 7/8" long handle, signed "Perkins 5" in 18th century script.  
It has a nice early forged and peened handle crimp. No 18th century Perkins is listed in DATM (Nelson 1999). This colonial era tool has a southern NH provenance (Portsmouth or Newburyport, MA?)

DTM

## Davistown Museum Inventory of Tools - Maritime II

Boring Tools  
Status Location  
DTM

### 102800T4 Screw auger

Forged iron and wood, signed "D Bisbee Kingston".

Two David Bisbee's were known to have lived in Kingston, MA, a toolmaking center and home to the famous Drew Co. This auger is also marked with a "5" in 18th century script indicating its diameter as 5/4 of an inch. At an unknown date in the 18th century, screw augers began supplementing, then replacing, the forged folded-over pod augers characteristic of shipyards since the early iron age.

### 42604T7 Screw box

DTM

Forged iron and wood, 6 5/8" long, 4 1/2" wide handle, 3" x 1 7/8" screw box, unsigned.

### TBF1001 Water pipe auger

DTM

Forged iron, 13 1/2" long, wooden handle 16 3/4" long, unsigned, c. 1750-1800.

Used for cleaning out the ends of a long wooden water pipe. See Goodman for an illustration of a water pipe auger that would be worked through a log to make a water pipe.

<http://www.davistownmuseum.org/pics/tbf1001.jpg>

## Cast Iron Tools and Artifacts

### 122302T1 Anchor

DTM

Iron and rope, unsigned.

Jack Schmelzer found this anchor and gave the following history: "This anchor was caught on our net 8 miles east of Boston in 1993 on a traditional cod fishing grounds. A knowledgeable anchor collector estimated its age as pre-1800 due to the shape of the stock where the wooden cross attached. Also, the ring is wrapped with rope which indicates pre-chain. Because of the location and size we surmised that it was from a fishing sloop of about 50 feet or more. Cod fishing was the major industry of Massachusetts Bay harbors and this was probably a prolific bottom then, as it is now. The area in which the anchor was caught, is now a closed area in the winter months due to its designation as a major spawning grounds."

## Cobblers' Tools

### 51100T4 Cobblers' hammer

DTM

Forged iron, 3 5/8" long head, 1 7/8" diameter face, unsigned.

### 31501T6 Curriers' slick

DTM

Steel and wood, 16 3/8" long, 7 1/4" blade, unsigned.

The blade is made from a recycled smith-made saw blade. Used in the preparation of leather for shoemaking, fishermen's aprons, etc.

## Domestic Utensils

### 11301T1 Block knife

DTM

Forged iron and wood, 20 5/7" long with 15 3/4" chopping arm and 5" wide iron blade, unsigned.

The iron component of this food and/or tobacco chopper is made of a recycled farriers' file.

### TCR2203 Box

DTM

Wood, 7" long, 4" wide, 4 3/4" high, unsigned.

An early box with a sliding lid.

### TAB2209 Box

DTM MHC-D

Wood with hinge, 3 5/8" long, 2 1/4" wide, 3/4" high, unsigned.

Early settlers might have used boxes similar to this one for storing flints.

### TBF3000 Cleaver

DTM

Forged iron, 8 3/8" long with a 2 1/2" blade, unsigned.

Forged out of an old rasp.

### 51201T8 Document box

BDTM

Brass, hide, wood and iron, 12" long, 6 1/4" wide, unsigned, c. 1785 - 1800.

This domed hide document box was converted to a small tool box by Benjamin Willard or his sons and then used as a toolbox to hold the assorted tools and woodenware listed in the Simon Willard Group.

[http://www.davistownmuseum.org/pics/51201t14\\_p3web.jpg](http://www.davistownmuseum.org/pics/51201t14_p3web.jpg)

<http://www.davistownmuseum.org/bioWillard.htm>

## Davistown Museum Inventory of Tools - Maritime II

Domestic Utensils

	Status	Location
<b>TCR3502 Firkin</b> wood with iron straps, 11 3/4" high, 9 3/4" top diameter, 12 1/2" bottom diameter, unsigned. With old red paint.	DTM	
<b>101400T12 Food chopper</b> Forged or cast steel and wood, unsigned. Generic late 18th or early 19th century food chopper, it needs a good trencher to accompany it.	DTM	
<b>30311T3 Food chopper</b> Forged steel, 7 1/2" long, 6" wide, unsigned. The handle is missing.	DTM	
<b>TBG1001A Forks (two)</b> Forged iron or steel, bone, wood, 6 1/2" with bone handle, 5 1/2" with wood handle, unsigned.	DTM	
<b>TBL5006 Gudgeon</b> Forged iron, 10 1/2" long, 1 1/2" wide blade, unsigned. Used to hold a fireplace crane in place.	DTM	
<b>TAB1014B Hook</b> Forged iron, 2 1/4" height, marked "8". A steelyard hook for a scale with a distinctive, delicate 18th century look.	DTM	
<b>101400T7 Peel</b> Forged iron, 30 1/4" long, 6 1/2" peel, unsigned. Used for removing bread from an oven. <a href="http://www.davistownmuseum.org/pics/101400t7.jpg">http://www.davistownmuseum.org/pics/101400t7.jpg</a>	BDTM	MHwall
<b>TAB2210 Pitcher</b> Pewter or Britanniaaware, 4 5/8" high, 4 1/8" wide, unsigned. with a hinged lid.	DTM	
<b>TBF1005 Pry</b> Forged iron, 5 1/2" long, unsigned, date unknown. Typical of handmade tools of this period.	DTM	
<b>50402 Shoe</b> Leather, 9" long, unsigned. This 18th century unsoled, unsewn shoe comes from western Maine. It's an excellent example of an unfinished farm-made shoe typical of a New England backcountry frontier homestead.	DTM	MHC-D
<b>TBF1301B Shuttle</b> Wood, 10 1/2" long, unsigned.	DTM	
<b>TBF1301A Shuttle</b> Wood, 11 1/2" long, signed "I.M." in an 18th century script. Typical of the shuttles used on the primitive looms on Maine farms.	DTM	
<b>30202T11 Skewer</b> Forged iron, 4 3/4" long, unsigned. An excellent example of the art of the blacksmith. <a href="http://www.davistownmuseum.org/pics/30202t11.jpg">http://www.davistownmuseum.org/pics/30202t11.jpg</a>	DTM	
<b>12900T10 Wig blower (bellows)</b> Wood, leather and tin, unsigned, age unknown. <a href="http://www.davistownmuseum.org/pics/12900t10.jpg">http://www.davistownmuseum.org/pics/12900t10.jpg</a>	DTM	MH

## Davistown Museum Inventory of Tools - Maritime II

Domestic Utensils

Status Location

### 7309P1      **Wooden bucket**

DTM

Wood, 12 1/2" outside diameter, 7 1/4" high, unsigned.

A finely crafted wood container with a 1" hole in the bottom from the late 17th or early 18th century. Its use is unknown.

<http://www.davistownmuseum.org/pics/7309p1web-1.jpg>

<http://www.davistownmuseum.org/pics/7309p2-web.jpg>

## Edge Tools - American Made Cast Steel

### 41907T1      **Socket chisel**

DTM

Natural steel, 9 1/4" long, 15/16" wide, with a 3 3/4" long handle, unsigned.

The handle has been replaced. An excellent example of a direct process forged steel tool, this chisel is made entirely of natural steel with obvious slag and iron inclusions, and also shows evidence of additional steeling, with a welded steel bit on the lower half of the cutting edge, extending at least 3/4 of an inch into the body of the tool. Heavily filed, this tool has a southern New England provenance.

[http://www.davistownmuseum.org/pics/41907t1\\_p2.jpg](http://www.davistownmuseum.org/pics/41907t1_p2.jpg)

## Edge Tools - Forged

### 43006T3      **Adz**

DTM

Natural steel, 6 5/16" long, 3 1/2" wide cutting edge, 2 3/8" wide x 1 1/4" deep block end, 1" x 1 1/4" block shaft, unsigned.

Clearly forge-welded with no sign of steeling. Almost certainly bloomery made from a steely iron. An unusual early form and one of a kind.

### 42604T1      **Adz**

DTM

Hand forged natural steel, 9" long, 4" wide, unsigned.

### 090908T1      **Bowl adz**

DTM    MAG-4

Forged iron and steel, 9 3/4" long handle, 6" long blade, 6 1/2" cutting edge, unsigned.

### 121805T23      **Caulking iron**

DTM

Forged iron and steel, 6 1/4" long, 2 1/2" wide, unsigned.

This early hand forged iron caulking iron could be 18th century or from the Roman Empire via its forge welding, i.e. steeled forged iron.

[http://www.davistownmuseum.org/pics/121805t23\\_p2.jpg](http://www.davistownmuseum.org/pics/121805t23_p2.jpg)

### TBC1004      **Clapboard slick**

BDTM

Forged iron and steel, 16 1/4" long including the tang, 3 7/8" wide blade, with a 9" long distinctly beveled handle, signed "W. ROGERS".

DATM (Nelson 1999) lists a W. Rogers that is a planemaker circa 1800. This tanged slick is difficult to date and could be late 18th century or early 19th century.

<http://www.davistownmuseum.org/pics/TBC1004.jpg>

[http://www.davistownmuseum.org/pics/TBC1004\\_sig.jpg](http://www.davistownmuseum.org/pics/TBC1004_sig.jpg)

### 102904T11      **Corner chisel**

DTM

Forged iron and German blister steel, 6 1/4" long, 1" x 1" chisel, unsigned.

This primitively wrought woodworking tool has the remains of a broken off wooden handle and an obscured maker's mark in 18th century script. It has an unusual construction with a squared-off solid socket above the corner chisel. It is clearly all handmade with a weld steel construction.

<http://www.davistownmuseum.org/pics/102904t11.jpg>

### 31702T2      **Drawknife**

DTM

Forged steel, 10 1/2" wide, 5 5/8" blade, unsigned, probably late 18th century.

An excellent example of an edge tool made out of recycled file steel with English handles.

### 81801T11      **Drawknife**

DTM    MHC-D

Forged iron and steel with wood handles, 6" long, 3 1/4" blade, unsigned.

This carefully wrought shave is made from the recycled steel of a file and predates the lath patternmakers' drawknives that it resembles. Use unknown.

## Davistown Museum Inventory of Tools - Maritime II

Edge Tools - Forged

Status Location

### 102800T1 Drawshave

DTM

Forged iron and cast steel, signed "J. Taylor Cast Steel".

No J. Taylor is listed in DATM (Nelson 1999) as a maker of edge tools. This tool was found in a tool chest with a southern NH - western Massachusetts provenance and is either late 18th or early 19th century. This tool is unusual in that the forged iron handles are obviously welded onto the clearly marked cast steel blade, with both letters "s" inverted during stamping.

### 913108T41 Drawshave

DTM

Iron with weld steel and wooden handle, 16 3/4" long, 10" blade, signed "Wm FISS" on the blade and "\_E. LAUBER" on a band on the handle.

Neither mark is listed in DATM (Nelson 1999).

### 913108T50 Drawshave

DTM

Malleable iron, welded steel, or German steel with a wood handle, 22 1/8" long, 13 9/16" long blade, signed "VESEY" in a square in two places and "ES" in dots on the middle of the blade.

This is possibly Italian in origin or made by an immigrant toolmaker.

<http://www.davistownmuseum.org/pics/913108t50-1web.jpg>

<http://www.davistownmuseum.org/pics/913108t50-2web.jpg>

### T81700 Drawshave

DTM

Forged iron and steel, 20" long, unsigned.

Graphic illustration of a blacksmith forged edge tool. On the back of the shave the transition from the forged iron to the forged steel component of the shave is clearly illustrated by the line running the full length of the tool. Since this tool is located outside the display cases and on the hands-on workbench, turn the tool over to see the workmanship characteristic of hand forged edge tools. Be careful, it's sharp!

### TBC1005 Drawshave

DTM

Forged iron and steel, 11 5/16" long blade, 15 1/2" wide, unsigned.

With a clearly forged blade edge characteristic of the drawshaves a blacksmith made. This is what a drawshave would look like prior to the era of cast steel tools. 18th century appearance is typical of a tool used by the early settlers of the Davistown Plantation.

### 100400T11 Froe

DTM

Forged iron or steel and wood, 17 1/4" long, unsigned.

Extra heavy duty specimen for cutting shakes.

<http://www.davistownmuseum.org/pics/100400t11.jpg>

### 7800-T14 Gouge

DTM MHC-J

Forged iron, unsigned but has an obscure mark.

### 30801T3 Gouge

DTM

Forged iron, 15" long with nicely wrought 6 3/4" ferrule, 1 1/2" wide gouge, unsigned.

A typical 18th century edge tool.

### 42904T8 Gouge

DTM

Forged iron and natural steel, 10 3/4" long, 1 3/16" wide, unsigned.

An early example of a blacksmith made natural steel edge tool with no sign of a weld steel construction.

### 10407T5 Gouge

DTM

Iron and slightly forged steel, 8" long, 1 1/4" diameter, unsigned.

<http://www.davistownmuseum.org/pics/10407t5.jpg>

### 61204T11 Gouge

DTM

Forged iron and weld steel, 8 1/4" long, 1 1/2" wide, signed "W GREAVES & SONS", c. 1720 - 1750.

An interesting example of an imported edge tool made by an important English edge tool manufacturer just prior to the era of English cast steel edge tools.

[http://www.davistownmuseum.org/pics/61204T11\\_p1.jpg](http://www.davistownmuseum.org/pics/61204T11_p1.jpg)

### TBC1003 Hewing ax

BDTM

Forged iron and steel, 5" rounded blade, 19" handle, signed "I H", "HARRISON", and "N:4", c. 1750 (?).

No I.H. Harrison is listed in DATM (Nelson 1999).

<http://www.davistownmuseum.org/pics/tbc1003.jpg>

[http://www.davistownmuseum.org/pics/TBC1003\\_p2.jpg](http://www.davistownmuseum.org/pics/TBC1003_p2.jpg)

## Davistown Museum Inventory of Tools - Maritime II

Edge Tools - Forged

Status Location

### 71903T3 **Mattock**

DTM

Forged iron, 14 3/8" long, 3 3/4" wide edge, tapered peen pole, replaced handle, unsigned.

This mattock is hand forged with a small welded forged steel cutting edge. The work of a bloomer who knew how to forge his own steel, then welded the carefully forged cutting edge to his tool. It is hard to date, 1675 - 1725?

### 080907T1 **Mortising chisel**

DTM

Natural steel, signed "KIMPTON" with a backwards N and a scalloped edge around the imprint, there is a first initial that might be "I" or "J".

[http://www.davistownmuseum.org/pics/080907t1\\_p1.jpg](http://www.davistownmuseum.org/pics/080907t1_p1.jpg)

[http://www.davistownmuseum.org/pics/080907t1\\_sig\\_Kimpton Chisel.jpg](http://www.davistownmuseum.org/pics/080907t1_sig_Kimpton Chisel.jpg)

### 111001T37 **Pincers**

DTM MHC-D

Forged iron, 7" long, unsigned.

These primitive pincers could be seventeenth or eighteenth century and are typical of the primitive forged iron tools used by the first settlers.

### 81801T12A **Shovel makers' draw knife**

DTM

Forged iron and oak handles, 11 3/4" long, 1 3/4" wide deeply curved shave, unsigned.

This 18th century tool is finely wrought with a New Hampshire area provenance.

[http://www.davistownmuseum.org/pics/81801t12a\\_p2.jpg](http://www.davistownmuseum.org/pics/81801t12a_p2.jpg)

[http://www.davistownmuseum.org/pics/81801t12a\\_p1.jpg](http://www.davistownmuseum.org/pics/81801t12a_p1.jpg)

### TBC1001 **Socket chisel**

DTM

German steel (weld), 12" long, 2" wide, signed with an 18 c. style touch mark "J.W." in a circle with triangles around the edge and dots in between the triangles.

No handle. This tool has a clearly defined welded iron-steel interface.

### 121805T6 **Socket chisel**

DTM

Natural steel, iron and wood, 6 3/4" long including a 5 3/4" handle, 1 1/2" wide, signed "C KALER" with an obscured mark.

The turned wooden handle appears late 19th century, the forge-welded framing chisel looks mid or early 18th century and appears to be steeled. This tool was once much longer yet still retains a sharp cutting edge.

<http://www.davistownmuseum.org/pics/121805t6.jpg>

### 42604T6 **Socket chisel**

DTM

Hand forged iron and weld steel with wooden handle, 12 1/2 " long plus a 4" long handle with an iron ferrule, 1" wide blade, signed "W. ASH&Co."

William Ash is a Sheffield edge tool maker, however the signature and the tool construction do not appear to be English, but rather the mark of an 18th century American edge tool maker.

### 4105T4 **Socket gouge**

DTM

Steel, 9" long, 8 1/8" handle, signed but the maker's mark is not legible, c. 1780 - 1800.

This is clearly forged-welded and steeled with the look of a German steel cutting edge. It is from a southeast Massachusetts barn, the iron component is probably refined bog iron.

### 61204T6 **Socket gouge**

DTM

Forged iron and weld steel with iron ferrules and wooden handle, 14 5/8" long including 3 3/4" long handle, unsigned, c. 1750 - 1800.

A classic example of a blacksmith forge-welded steel edge tool.

<http://www.davistownmuseum.org/pics/61204T6.jpg>

### 32708T65 **Spike-shaped tomahawk**

DTM

Metal, 5 3/4" long, 7?8" wide, unsigned.

<http://www.davistownmuseum.org/pics/32708t65-1.jpg>

<http://www.davistownmuseum.org/pics/32708t65-2.jpg>

## Edge Tools - Imported English Cast Steel

**71401T7 Mortising chisel**

DTM

Cast steel and wood, 12" long, 6" blade, 1/8" wide, signed "W" and "P" with crossed hammers over an anvil.

This c. 1800 chisel is typical of imported English tools used by American woodworkers before the domestic production of cast steel edge tools began in earnest after 1820.

<http://www.davistownmuseum.org/pics/71401t7-2.jpg>

<http://www.davistownmuseum.org/pics/71401t7-1.jpg>

**Fishing Implements**

**112704T5 Eel spear**

DTM

Forged iron, 14 5/8" long, 8 5/8" wide, unsigned.

This spear has a central flat shaft and seven sharply curved tangs. One tang may have broken off. Found in an old fishing shed in Acushnet, Massachusetts, this eel spear is typical of the 18th and early 19th century implements used by the Native Americans and early settlers to catch one of the most nutritious and commonly encountered marine species of New England's coastal coves and estuaries. It's probably a colonist forged tool or a trade item.

**102005T1 Fish or eel spear**

DTM

Forged iron, 13 1/2" long, 8 1/4" wide, unsigned.

This spear has 4 prongs with short hooked ends and was probably used for fish as the prongs are wide for catching eels.

**Flax Dressing Tools**

**101400T6 Hatchel**

DTM

Wood, iron and forged steel, 13 3/8" long, 3 1/2" wide, unsigned.

An unusually small hatchel. A key component of the tool kit of a flax dresser.

**TCR4000 Hatchel**

DTM MH

Wood and forged iron, 25 1/2" long x 4 3/4" wide, unsigned.

This flax puller has 108 combs. An essential component of the flax dressers' tool kit.

<http://www.davistownmuseum.org/pics/tcr4000.jpg>

**81801T1 Scutch knife**

DTM

Wood, 19" long with a 9" long and 2" wide wooden blade, unsigned.

Used for cleaning flax on a scutching board after breaking the flax on a flax breaker. After removal of the husk by the tedious task of scutching, the flax was ready for hackling on a hatchel.

**Hammers**

**TBD1003 Claw hammer**

DTM

Forged iron, 5" long, 15/16" face, signed "TACONY 2".

Maker not listed in DATM. Who was Tacony?

**TBD1001 Claw hammer**

DTM

Forged iron, 4 1/2" with a 1" face, unsigned.

Has a replaced handle. Generic 18th c. hammer but of particular interest because it shows signs of the layering characteristic of forged bog iron which was the constituent of the earliest blacksmith made tools made in the United States.

**TBD1002 Claw hammer**

DTM

Cast steel, 4 1/2" long, 3/4" face, unsigned, c. 1800.

A slightly later claw hammer marked cast steel. Lacks the hint of layering noted in the bog iron hammer, with less distinct beveling and an unusual infill in the socket for the handle.

**TBD1004 Farriers' hammer?**

DTM

Forged iron, 4 3/8" long, 5/8" wide face, unsigned, c. 1800.

Strongly beveled.

**TBD1005 Stone hammer**

DTM

Forged iron, 9" long with a 3/4" square face, unsigned.

**91303T18 Stone hammer**

DTM

Forged iron, 10" long, 15" long wood hammer, unsigned.

A primitively forged wrought iron tool; the evidence of folded and molded wrought iron indicates it was made directly from a bloom and not drop forged.

**Knives**

TCN1003	<b>Bowie knife</b>	DTM
<p>Forged steel with a bone handle, 8 1/6" long, 4" blade, 3 1/4" bone handle, unsigned, has a buck carved into the handle, c. 1800. Small leather scabbard.</p>		
913108T36	<b>Crooked knife</b>	DTM
<p>Steel, wood, and rope, 9 1/4" long with a 3 1/8" long blade, unsigned. The handle of this knife has decorative sailor knot trim made from rope and the wooden handle is carved.</p>		
TCN1004	<b>Knife</b>	DTM
<p>Forged steel, brass and bone, 7 1/8" long, 3" blade, 3 1/4" handle, 1 5/8" wide iron _____, 3 5/8" wide scabbard, unsigned. The knife has an undecorated carved bone handle with a brass scabbard.</p>		
72801T12	<b>Oyster knife</b>	DTM
<p>Forged iron, brass and wood, 6 1/2" long, 4" blade, unsigned. Nicely turned oak? Handle. Probably what an 18th century oyster knife imported from England looked like.</p>		

**Loggers' Tools**

1302T1	<b>Pit saw</b>	DTM
<p>Forged iron and wood, 62" long, 55" long and 14 1/2" wide blade, 20 1/2" long handles at each end, unsigned, 18th century. A classic pit saw from the boomtown years of Maine lumbering. Also known as a frame saw. <a href="http://www.davistownmuseum.org/pics/1302t1_FrameSaw.jpg">http://www.davistownmuseum.org/pics/1302t1_FrameSaw.jpg</a></p>		
81101T21	<b>Spud</b>	DTM
<p>Forged iron and wood, 26" long, 17" long wood handle, unsigned. This tool is probably late 18th century. The worm eaten handle looks original.</p>		

**Measuring Tools**

TBE3500	<b>Adjustable calipers</b>	DTM
<p>Forged iron, 11 1/4" high, 8 1/2" wide, unsigned.</p>		
101400T10	<b>Caliper</b>	DTM
<p>Forged iron, 13 1/4" long, unsigned, c. 1800.</p>		
TBE1001	<b>Calipers</b>	DTM
<p>Forged iron, 5" long, signed "E. H??LEY", clearly of 18th century manufacture. Lacking the thumb screw.</p>		
21201T7	<b>Carpenters' square</b>	DTM
<p>Wood, 12" x 12", unsigned. This primitive small framing square is distinctive both in its simplicity and its mortised and pegged (wood) construction. This tool would have been owner made anytime in the late 18th or early 19th centuries.</p>		
TBF1002	<b>Circle cutter</b>	DTM
<p>Forged iron, wood and steel, 8 " long, 2 1/2" wide, unsigned, could be late 18th century or early 19th century. The wooden thumb screws extend out another inch. It has a steel cutter and threaded wooden nuts for adjusting the diameter.</p>		
81101T17	<b>Compass</b>	DTM
<p>Cast steel, 6 3/16" long, signed "William Friedrichs" with a touchmark, W in a heart with an F over it, all within a circle. DATM (Nelson 1999) lists Friedrichs as working in New York, circa 1790. If this is cast steel, was Friedrichs reworking imported English cast steel at this early date?</p>		
032103T2	<b>Die stock</b>	DTM
<p>Forged iron, 16 7/8" long, 1 1/4" wide stock, unsigned. This distinctive hand forged die stock has 6 dies ranging in diameter from 3/4 to 1/8" cut into a narrow forged iron bar with a nicely wrought handle. A great example of a one-of-a-kind or very limited run blacksmith made tool. <a href="http://www.davistownmuseum.org/pics/032103t2_p1.jpg">http://www.davistownmuseum.org/pics/032103t2_p1.jpg</a> <a href="http://www.davistownmuseum.org/pics/032103t2_p2.jpg">http://www.davistownmuseum.org/pics/032103t2_p2.jpg</a></p>		

## Davistown Museum Inventory of Tools - Maritime II

Measuring Tools

Status Location

### 42801T13 Divider

DTM

Forged iron, brass and wood, unsigned.

This primitive divider comes from an 18th century Martha's Vineyard shipyard and are typical of owner-made hand tools in the era prior to the factory systems of the Industrial Revolution.

### 111001T14 Dividers

DTM

Forged iron, 4 7/8" long, signed "O. W." probably the owner's initials.

These early 18th century dividers are clearly smith made. A classic example of a common 18th century tool. Possibly seventeenth century.

### 33002T19 Dividers

DTM

Forged iron, 7 1/2" long, unsigned.

A generic example of a late 18th century factory made tool -- probably English from the Sheffield region. Dividers look similar to calipers and compasses. Dividers have two straight legs with pointed ends. A compass would have one straight pointed leg and one leg that takes either a pencil or pencil lead. A hermaphrodite caliper would have one divider type pointed leg and one inside caliper like leg that has a rounded tip pointed away from the other leg. A hermaphrodite caliper is often used to scribe a line at a given distance from an edge. Machinists call a hermaphrodite caliper a morphy caliper or "a pair of morphics". The British call them odd leg calipers.

<http://www.davistownmuseum.org/pics/33002t19.jpg>

### TBE1001A Framing square

DTM

Forged iron, 24" long and 12" wide, signed "CUTTER", 18th century.

Hand stamped, maker not listed in DATM.

### 81602T14 Framing square

DTM

Hand forged, 24" x 12", signed "JBH".

This is a typical smith-made, hand stamped, framing square of the 18th century.

### 7800-T2 Maritime gauge (fragment)

DTM MHC-J

Wood with a forged iron screw, 5 1/2" wide, 2" wide screw, unsigned, 1780.

This is a typical shipyard measuring tool with a hand forged screw.

### 81101T5 Mortise gauge

DTM

Forged iron and wood, 10 1/4" long with double scribes, depth stops 13" and 9" long, marked "B" in 18th century script.

This tool is a colonial era coachmakers' instrument.

### 70701T4 Plumb bob

DTM

Cast bronze with an iron tip, 2" high, 1 3/8" wide, unsigned.

A diminutive 18th century plumb bob.

### 111406T1 Rule

DTM

Malleable iron, 24" long, 2" wide, signed "F PERKS".

The mark is hand stamped. DATM (Nelson 1999, 614) reports F. Perks as a square maker circa 1800.

### 42801T11 Slitting gauge

DTM

Wood and forged iron, 16 1/8" long, 6 1/4" wide gauge, unsigned.

This slitting gauge is probably from a late 18th century Martha's Vineyard area shipyard. A similar gauge fragment is on the hands-on display table and has a similar hand forged gauge adjusting nut.

### 913108T14 Square

DTM

Hand stamped wrought or malleable iron, 2' long and 1 1/2" wide x 1' long and 1" wide, unsigned.

This was probably made in 1800 or earlier.

### TBE3000 Traveler?

DTM

Forged iron, 13" long, 5 1/4" diameter wheel, unsigned.

<http://www.davistownmuseum.org/pics/tbe3000.jpg>

### TBL5004 Unknown tool (lumbermans' scribe?)

DTM

forged iron, 9 7/8" long with a scribe at one end and a scribe on the side, unsigned.

## Miscellaneous Forged Hardware

## Davistown Museum Inventory of Tools - Maritime II

Miscellaneous Forged Hardware  
Status Location  
DTM

### 32708T57 **Clamp**

Forged and welded iron, 3 1/4" long, 2 1/2" wide, unsigned.

<http://www.davistownmuseum.org/pics/32708t57-1.jpg>

### 52603T4 **Door latch**

Iron, 2 15/16" long, 2 15/16" wide, unsigned.

Hand forged.

### 22601T7 **Hinge**

Forged iron, 6" long, unsigned.

A typical blacksmith made H hinge.

### 913108T8 **Hinges (2)**

Hand-forged malleable iron, 12 3/4" long, unsigned.

### TNN3000 **Nails and spikes**

Forged iron; one bronze ship's spike, unsigned, c. 1740 - 1840.

### TBW3000 **Strap hinge**

Forged iron, 18" long, unsigned.

### 71401T22 **Unidentified tool**

Forged iron, 8 1/2" long, unsigned.

A smith-made implement. Use? Is this the tip of a cant hook?

### 71401T15 **Unidentified tool**

Forged iron, 13" long, unsigned.

This nicely wrought tool is 18th century -- use?

## Miscellaneous Primitives

### 040103T4 **Bill hook**

Forged iron and steel, wood handle with peen iron and brass rivets, 13 1/4" long including a 4" handle, signed with a cartouche of a crown and the capital letter M.

This handmade tool has clear signs of forging, filing and other handiwork. A generic 18th century tool that appears even earlier in style than the bill hooks illustrated in the 18th century pattern book of R. Timmons & Sons, "Tools for the Trades and Crafts".

### TK1001 **Brickmakers' smoothing wheel**

Wood (pine or spruce?) with leather strapping, 5 1/2' long, 22" wide with a 26" diameter smoothing wheel, , c. 1790 - 1820.

This primitive tool would be typical of that used by brickmakers during the boomtown years of the Davistown Plantation. Brick makers closer to ports such as Belfast shipped their bricks to booming coastal cities such as Portland, Portsmouth or Boston.

Brick makers in Davistown probably only serviced the local market for chimneys and the few brick homes in the area. For comparison, see the patent model of a brick-making machine in The Davistown Museum main hall. On display at the Davistown Museum Liberty Tool Annex.

### 12801T15 **Chain**

Forged iron, 10 feet long, unsigned.

This is a typical smith forged iron chain from the 18th century. Each component is tediously and laboriously forged, hopefully, not on a hot August day.

### 81101T14 **Crooked knife**

Wood and forged steel, 8 1/2" long, 3" blade, unsigned.

Crooked knives are especially common in northern New England where they were used by Native Americans and European settlers for many purposes including basket making and working birch bark. This knife has been reforged from an old file or rasp, one of early American artisan's most important source of recycled forged steel. The crosshatched carving on the nicely fashioned applewood (?) handle suggests a Native American user.

<http://www.davistownmuseum.org/pics/81101t14.jpg>

### 43006T6 **Drill bit**

Forge-welded German steel?, 7 3/4" long with a tapered end widening from 3/4" diameter to 1 5/16", unsigned.

## Davistown Museum Inventory of Tools - Maritime II

Miscellaneous Primitives

		Status	Location
41302P1	<b>Knife box</b>	DTM	
<p>Wood, 11 1/4" wide base tapered outward to 12 3/4"; 6 1/2" wide tapering up to 6 7/8", unsigned.                      A typical dovetailed knife box of 18th century make with imported mahogany and several early nails used to reinforce the dovetails.</p>			
TBF3500	<b>Line reel</b>	DTM	
<p>Wood and forged iron, 8" long, unsigned.</p>			
100400T14	<b>Marlin spike</b>	DTM	MHC-K
<p>Cast steel, 17 1/2" long, 1 1/4" diameter, unsigned.  <a href="http://www.davistownmuseum.org/pics/100400t14.jpg">http://www.davistownmuseum.org/pics/100400t14.jpg</a></p>			
32802T12	<b>Nail puller</b>	DTM	
<p>Forged iron, 19" long, unsigned.                      A nice example of a blacksmith made tool of the 18th century. The large jaws suggest a shipyard use for spikes in timbers.  <a href="http://www.davistownmuseum.org/pics/32802t6a.jpg">http://www.davistownmuseum.org/pics/32802t6a.jpg</a></p>			
121805T9	<b>Planemakers' float</b>	DTM	
<p>Cast steel, brass and wood, 12 1/2" long including 3 1/2" long handle with a brass ferrule, signed "H" inscribed on handle in 18th century script.                      A late 18th century planemakers' float.  <a href="http://www.davistownmuseum.org/pics/121805t9_p2.jpg">http://www.davistownmuseum.org/pics/121805t9_p2.jpg</a></p>			
121805T	<b>Planemakers' float</b>	DTM	
<p>Cast steel, brass, and wood, 12 1/2" long including a 3 1/2" handle and brass ferrule, signed "H" on handle in 18th century script.                      A late 18th century planemakers' float. Need ID number corrected</p>			
12801T13	<b>Powder horn</b>	DTM	
<p>Horn and wood, 13" long, unsigned.                      A typical example of an 18th century or early 19th century powder horn.</p>			
40501T4	<b>Pry bar</b>	DTM	
<p>Forged iron and forged steel?, 21 3/4" long, unsigned.                      Refashioned from an old rasp, this rip is a classic example of recycling a dull rasp. With a nicely forged rattail hanger, this tool is probably late 18th century.</p>			
62406T1	<b>Screw box and screw</b>	DTM	
<p>Wood and wrought iron, 14 1/8" long, 3" wide screw box; 11 1/2" long, 1 1/4" wide screw, unsigned.                      A typical 18th century wood screw and clamp making tool.</p>			
TBL5005	<b>Stone drill</b>	DTM	
<p>Forged iron, 11 3/4" long, unsigned.                      What's the use of this unusual tool?</p>			
61601T5	<b>Tinsnips</b>	DTM	
<p>Forged iron, 12 3/4" long, unsigned.                      Clearly refinished from a file. The first rolled tin dates to the early 18th century. This reforged smith made tool is at least 200 years old.</p>			
TJR1301	<b>Turn screw</b>	DTM	
<p>Forged iron or steel and wood with a brass ferrule, 12 1/2" long, 3 1/2" handle, unsigned, c. 1800.                      This shows the typical recycling of used files.</p>			
63001T7A	<b>Unidentified tool (plier-like)</b>	DTM	
<p>Cast steel?, unsigned, 18th century?.                      Imported from France? Use?</p>			
TBF1003	<b>Whetstone</b>	DTM	
<p>made of Arkansas stone and wood, 7 3/4" long, set in a 9 1/2" wood case, owner's signature "R S DAVIS".                      This generic Arkansas type whetstone, too old to have come from Arkansas, has a distinctly carved 18th century owner's signature in the wood. This whetstone came from coastal Maine; is there any relationship with the Davis clan of Davistown?</p>			

913108T17 **Wire gauge**

DTM

Medium carbon steel, possibly sheaf steel, 5" long, 1 1/8" wide, signed "STUBS".

<http://www.davistownmuseum.org/pics/913108t17.jpg>

<http://www.davistownmuseum.org/bioStubs.htm>

**Other Woodworking Tools**

21201T10 **Countersink**

DTM

Cast steel?, 5" long, unsigned.

This distinctly beveled tool has a relatively stubby and slightly bent shaft and appears to have been designed to fit in a primitive brace.

81801T6 **Gentleman brace**

DTM

Forged iron and wood, 15 1/2" long, knob is 4" long, 3" wide, unsigned.

It is without any bits. This is what a blacksmith made brace would have looked like 200 years ago.

21201T6 **Iron brace**

DTM

Forged iron with wooden handle, 11 3/4" by 8" with 3 1/2" wide handle, unsigned, c. 1800.

This variation of a common iron brace has a hand forged wing nut to hold in the bit. A typical woodworkers' brace.

TBJ1001 **Planemakers' float**

DTM

Forged iron, 8" long blade, 6" long handle, unsigned, distinctly 18th century.

Used for cutting out the throat of a plane.

TBJ3500 **Saw set**

DTM

Forged iron, 12 1/4" long, 2" wide, unsigned.

The set has three set holes.

81101T2 **Threader**

DTM

Forged iron and wood, 7 1/4" long, 10" handle, signed "N. Harris" on the handle.

This nicely wrought tool for cutting wood threads for screw clamps pre-dates any factory made screw clamps. No such toolmaker is listed in DATM (Nelson 1999).

TBF1005A **Turn screw**

DTM

9 1/8" long, 5 1/2" blade, unsigned.

31602T2 **Turn screw**

DTM

Wood and forged iron and steel, 19 1/2" long with 15" long and 5/8" wide blade, unsigned.

It has a nicely turned handle with a recycled iron ferrule. A recycled file has been used as the turn screw. An unusual hole has been wrought and drilled in the turn screw center.

12801T4 **Wimble**

DTM

Forged iron with brass handle, 14" high, 11" swing arm with 6 1/2" lower arm extending from outer end, unsigned.

Distinctly forged and filed (nut etc.) An uncommon survivor from an 18th century New England shipyard. See pg. 75 of Sellens' "Dictionary of American Hand Tools" for a photograph of a much more recent wimble, also noted by Sellens as being used on large "bridge" timbers.

**Planes**

42607T1 **Adjustable grooving plane**

DTM

Steel blade and fence guide, birch with replaced wedge, forged iron screw, 5/16" wide blade, unsigned, c. 1790.

This is a special purpose (tongue) and groove plane with an adjustable steel and wood fence and three nicely decorated carved wooden adjustment screws. The steel fence and blade guide are forge-welded natural or German steel. The blade is unsigned. The plane is unsigned and is in the basic form of the adjustable plow plane. A nice late 18th century (or early 19th century) woodworking tool.

101801T8 **Beading plane**

BDTM

Mahogany, 10 3/8" long, owner signed "AFW" for Abiel F. Walker.

<http://www.davistownmuseum.org/publications/volume10.html>

## Davistown Museum Inventory of Tools - Maritime II

		Planes	Status	Location
33002T2L	<b>Beading plane</b>		DTM	
Wood, 8 9/16" long, unsigned, c. 1790 - 1800.				
The bead is damaged. This plane is from the Abiel Walker hoard, Alna, Maine. It has the same wedge profile as the three other late 18th century planes in Walker's tool kit. Its length is unusually short.				
101801T6	<b>Beading plane</b>		BDTM	
Mahogany, 8 5/8" long, owner signed "AFW" for Abiel F. Walker.				
<a href="http://www.davistownmuseum.org/publications/volume10.html">http://www.davistownmuseum.org/publications/volume10.html</a>				
TBH1001	<b>Beading plane</b>		BDTM	
Wood (beech?), 5 1/2" long, signed "K Hornberger", 18th c.				
This plane is similar in age and design to those which might have been imported to Waldoboro, Maine, by the early (ca. 1750) German immigrants who settled there in the 18th century.				
42801T12	<b>Beading plane</b>		DTM	
Wood with steel blade, 10" long, 5/16" wide cutter, signed "H Goss".				
Goss is not listed in Pollack, Goodman (3rd ed.) or DATM (Nelson 1999). A previously unidentified plane maker of the late 18th or early 19th century. The wedge is distinctively 18th century.				
81602T6	<b>Beading plane</b>		DTM	
Birch with forged steel blade, 10" long, 1" wide including fence, bead is 5/16" wide, signed "S. DOGGETT DEDHAM".				
Probably S. Doggett Jr. (b. 1751, Dedham, d. 1831). Pollak (4th ed. Pg. 124-5) states Samuel Doggett Sr. began making planes as early as 1747. This mark is probably that of his son. This unchamfered plane may be among the last the son made.				
51703T3	<b>Carriage-makers' plane</b>		LPC	
Cast iron, steel blade, wood wedge, 4 1/4" long, 1 7/8" wide, 6 5/8" overall length with extended handle, unsigned.				
This exquisite hand forged, hand filed plane is probably late 18th century.				
81101T12	<b>Coachmakers' router</b>		DTM	
Forged iron and wood, 13 3/8" wide, 7/16" wide cutter, unsigned, c. 1780 - 1810.				
This once common 18th century tool shows indications of being refashioned from an old file or rasp.				
71504T3	<b>Complex moulding plane</b>		LPC	MHC-D
Yellow (?) birch, 9 1/2" long, 1 1/2" wide, signed "JOHNFLYN".				
Could John Flyn be Maine's earliest known planemaker? He worked in Warren, Maine circa 1780 - 1800.				
<a href="http://www.davistownmuseum.org/pics/71504T3_p3.jpg">http://www.davistownmuseum.org/pics/71504T3_p3.jpg</a>				
<a href="http://www.davistownmuseum.org/publications/volume10.html">http://www.davistownmuseum.org/publications/volume10.html</a>				
80102T1	<b>Complex moulding plane</b>		DTM	MHC-D
Beech with cast iron blade, 9 1/4" long, 2" wide, 1/4" flat chamfers, signed "L-LITTLE" on plane.				
Pollack (3rd Edition) states "Levi Little, 1770-1802, was a Boston, MA, housewright, tool dealer and planemaker. Born in Newbury, MA, in 1770, son of John Little and Hannah Noyes and brother of Noah Little, he married Mary Lovering in 1794, and died in 1802. Little made planes of both beech and birch; they range from 9 1/2" to 10" long, and have 1/4" flat chamfers. They are occasionally found with irons by Sheffield makers. He was first listed in the Boston Directory in 1796 as a carpenter at S. Bennet Street; then as a carpenters' tool maker in 1798 and 1800 on Orange Street. The house he occupied in 1798, which included his workshop, was described as two-storied, 936 sq. ft., 11 windows, and was valued at \$900." (pg. 232).				
TBH1002	<b>Dado plane</b>		BDTM	
Wood with forged steel blade, 9 3/8" long, signed "Marsh & Winn" and "J. Ho---".				
Lacks front blade. Marsh & Winn are not listed in Pollak or Goodman (3rd ed.); also marked J. Ho---, possibly J. Holmes who is listed in Pollak pg. 195 without further identification. The distinct beveling is characteristic of an 18th century plane.				
12801T3	<b>Fillister plane</b>		BDTM	
Wood with steel blade, 9 9/16" long, signed "Ar. Ritchie" also marked "Stewart" in a smaller font, probably an owner's mark.				
This narrow adjustable fillister is unusual in its slightly angled bottom. The Ritchie signature is not listed in Pollak (4th ed.) or Goodman (3rd ed.)				
TBH1003	<b>Fore plane</b>		DTM	MH-J
Wood (apple wood or beech?), 16" long, unsigned.				
No blade, beveled, with early repairs; amazing patina. Characteristic 18 c. handle which is not offset. This tool shows signs of generations of use. An extraordinary testament to the stubborn persistence of the early settlers of New England.				
<a href="http://www.davistownmuseum.org/pics/tbh1003.jpg">http://www.davistownmuseum.org/pics/tbh1003.jpg</a>				

## Davistown Museum Inventory of Tools - Maritime II

		Planes
		Status Location
<b>TBH3000</b>	<b>Fore plane</b>	BDTM MH-J
beech wood and cast steel, 16 1/4" long, 2 3/8" wide, 1 7/8" wide blade, blade signed "W. BUTCHER CAST STEEL WARRANTED" and the plane is unsigned.		
This run of the mill fore plane is undistinguished except for its distinctly 18th century handle which is offset as were most plane handles up to about 1800. The blade is the typical English import made by one of the largest of the Sheffield steel manufacturers, W. Butcher. This tool is typical of those that might have been used by the early settlers of the Davistown Plantation.		
<b>42801T9</b>	<b>Gutter plane</b>	DTM
Wood, 14 1/4" long, 2" wide throat, unsigned.		
No blade or wedge. This strongly chamfered plane comes from Martha's Vineyard. It has a nicely wood pinned 18th century style handle, ca. 1720 - 1750. A great hands-on tool for the children visiting the Museum.		
<b>6405T3</b>	<b>Jack plane</b>	DTM
Wood with a steel blade, 12 1/2" long, 2 1/4" wide, 1 5/8" wide blade, 4 1/2" long rear handle, unsigned, c. 1720.		
A typical 17th or 18th century imported Dutch or French plane with a characteristic curved design on the front of the plane and a trunneled rear handle in lieu of a rear tote. The wedge is replaced, the steel blade is probably not original, and the blade holder is a trunneled peg. It was found in the Bath, Maine, area.		
<b>7800-T9</b>	<b>Moulding plane</b>	BDTM MH-D
Wood and forged steel, 9 5/8" long, unsigned, c. 1790 - 1810.		
The heavily chamfered sides and distinctive wedge are characteristic of the late 18th century planes. Possibly it was used for door mouldings.		
<b>101801T7</b>	<b>Moulding plane</b>	BDTM
Mahogany, 9 1/2" long, owner signed "AFW" for Abiel F. Walker.		
<a href="http://www.davistownmuseum.org/publications/volume10.html">http://www.davistownmuseum.org/publications/volume10.html</a>		
<b>12801T2</b>	<b>Moulding plane (Ogee bead)</b>	BDTM
Wood with steel blade, 9 11/16" long, marked "London".		
Strongly beveled. London appears to be a manufacturer's signature rather than the location of manufacture. No London, however, is listed in Goodman (3rd ed.), Pollak (4th ed.) or DATM (Nelson 1999) as a planemaker. This is probably another imported plane of the late 18th century.		
<b>12801T1</b>	<b>Moulding plane (reverse Ogee)</b>	BDTM
Wood with steel blade, 9 7/16" long, signed "WATSONS Leeds".		
An English maker, 1792-80 (Goodman, 3rd ed). This plane also has multiple owner's marks: "J FAIRBANK" over stamped "I. WILSON". A good example of the typical imported moulding planes of a ca. 1800 southern New England carpenters' tool kit. Only slightly, not strongly beveled. Perhaps Watson's working dates extended into the early 19th century?		
<b>4106T8</b>	<b>Panel raze plane</b>	DTM
Beech wood, iron and steel blade, 14" long, 2 1/4" wide, signed with obscured initials.		
This 18th century plane was found in Maine. It has the traditional offset handle and pegged wood handle of an early plane. It is slightly beveled at the front, rear and on one side of the body with a primitive iron and steel blade, probably made by a local blacksmith. The open tote and curved wedge are of the period; circa 1720 - 1760. The handle may be birch.		
<b>40501T3</b>	<b>Plough plane</b>	DTM
Beech, cast steel, iron rivets, brass depth stop, 9" long, unsigned.		
This is the prototypical Yankee plow plane with wooden screws for the fence slide stops. English plow planes of the same period and design use wooden wedges for the fence stops. This is probably an owner-made plane. It is slightly damaged and dates from either the end of the 18th or beginning of the 19th century.		
<a href="http://www.davistownmuseum.org/info#/toolPloughPlane.html">http://www.davistownmuseum.org/info#/toolPloughPlane.html</a>		
<b>101900T1</b>	<b>Plough plane</b>	DTM MHC-D
Birch with an ash wedge, forged steel blade and forged iron fence and bolts, 9 1/2" long, 8 1/2" arms, 3/16" wide blade, signed "H. R. WEBB" on the side of the plane.		
Possibly made by a cooper; coopers also signed their tools with large letters on the sides. The champhering, wooden arm wedges and hand forged iron work clearly indicate this is an 18th century tool. Found in Maine and donated to the Museum by Bob Wheeler, Oct. 18, 2000. See our essay in the Hand Tools in History section for more photographs and a discussion of this type of plane (click the info link).		
<a href="http://www.davistownmuseum.org/pics/101900T1_p5.jpg">http://www.davistownmuseum.org/pics/101900T1_p5.jpg</a>		
<a href="http://www.davistownmuseum.org/info#/toolPloughPlane.html">http://www.davistownmuseum.org/info#/toolPloughPlane.html</a>		

## Davistown Museum Inventory of Tools - Maritime II

		Planes
		Status Location
71504T1	<b>Plow plane</b>	LPC MHC-D
<p>Beech with a rosewood fence and one rosewood thumbscrew, 9" long with a 9 5/8" fence, 5/16" flat chamfers, signed "C-GOVE". The plane was found in Eliot, Maine. It was originally in the collection of Ben Blumenberg. It is possibly made by Charles C. Gove of Kittery, Maine.</p> <p><a href="http://www.davistownmuseum.org/pics/71504T1_p1.jpg">http://www.davistownmuseum.org/pics/71504T1_p1.jpg</a>  <a href="http://www.davistownmuseum.org/publications/volume10.html">http://www.davistownmuseum.org/publications/volume10.html</a></p>		
1302T4	<b>Rabbet plane</b>	BDM
<p>Wood with steel blade, 10" long, signed "Darbey".            Goodman lists the Darbey family as making planes in Birmingham, England, 1750 - 1794. A typical example of a plane in a late 18th century carpenters' tool kit.</p>		
81602T1	<b>Rabbet plane</b>	DTM
<p>Birch with oak wedge and cast steel blade, 12" long, 1 3/8" wide, unsigned, c. 1780.</p>		
TBW1008	<b>Rabbet plane</b>	DTM MHC-D
<p>Wood (beech), 10 7/8" long, 1" wide, obscure signature.  <a href="http://www.davistownmuseum.org/pics/tbw1008.jpg">http://www.davistownmuseum.org/pics/tbw1008.jpg</a>  <a href="http://www.davistownmuseum.org/pics/tbw1008p2.jpg">http://www.davistownmuseum.org/pics/tbw1008p2.jpg</a></p>		
TBH1004	<b>Rounding plane</b>	DTM
<p>Birch with a very distinctive mahogany wedge, 9 1/2" long, 5/8" diameter, marked "H-S", early 18th c., probably c. 1720. No blade. Maker is not listed in Pollak.</p>		
81602T15	<b>Rounding plane</b>	LPC
<p>Wood, no blade, 10 1/8" long, 1 1/2" wide, unsigned.            This generic moulding plane with its heavy chamfers and robust shoulder mouldings is probably a late 18th century European import that would typify the working tool kit of a ca. 1820 woodworker. It is loaned to The Davistown Museum from the collection of Stephen McDonnell.  <a href="http://www.davistownmuseum.org/pics/81602t15_p1.jpg">http://www.davistownmuseum.org/pics/81602t15_p1.jpg</a>  <a href="http://www.davistownmuseum.org/pics/81602t15_p4.jpg">http://www.davistownmuseum.org/pics/81602t15_p4.jpg</a></p>		
71504T2	<b>Rounding plane</b>	LPC MHC-D
<p>Birch with a steel blade, 11" long, 3/4" wide, signed "J. METCALF".  <a href="http://www.davistownmuseum.org/bioMetcalf.htm">http://www.davistownmuseum.org/bioMetcalf.htm</a></p>		
42801T10	<b>Sash plane</b>	DTM
<p>Curly maple with iron spline, no blade or wedge, 10 3/4" long, unsigned.            This is a beautiful and unusual specimen of an early 18th century plane. It has a Martha's Vineyard provenance. Another great specimen for hands-on inspection.</p>		
100400-4	<b>Sash plane</b>	BDM MHC-D
<p>Birch with a cast steel blade, 10" long, 1 3/4" wide with a 7 1/2" blade, signed "I: B: WALTONS IN READING" on the wood. Pollack has this comment on I B Walton: "John Walton (1744-1823) of Reading, MA, until 1771 and Cambridge, MA, thereafter; and Benjamin Walton, his brother. Planes signed I:B:Waltons were probably made before 1771, when John Walton moved to Cambridge to work as a housewright. Some of the brothers' planes are fruitwood, others birch. Though they had their own name stamp, they used their father's location stamp IN READING." (pg. 391). Another treasure of the Museum's tool collection.</p>		
81602T3	<b>Tongue and groove plane</b>	DTM
<p>No blade, 11 3/8" long, 7/16" wide groove, unsigned.            This plane is European in origin and completely different in style from American and English planes of the 18th century. Is it German, French or Dutch?</p>		
111001T7	<b>Tongue and groove plane</b>	DTM
<p>Wood with forged iron fence screws, 10 1/4" long, 1 3/16" wide including a 3/8" wide fence, 3/8" wide groove, unsigned. A typical owner made 18th century plane.</p>		
81602T5	<b>Tongue and groove plane</b>	DTM
<p>Wood, no blade, 9 1/2" long, 1 3/4" wide with a 5/16" wide groove, signed "J Tabor".            Pollack reports in the 4th edition (pg. 403-404) three other J. Taber planes: a crown moulder, a boxed complex moulder and a 1/4" halving plane. How was J. Taber related to the Taber family and especially to N. Taber who made planes in New Bedford and Falmouth, MA, 1785 - 1820, the father of the prolific G. M. Taber?</p>		

## Davistown Museum Inventory of Tools - Maritime II

Planes  
Status Location  
DTM

### 111104T1 **Yankee plow plane**

Birch, 9 1/2" long, 8" wide, 6" high, 1/4" wide cutting edge, signed "S.KING" and also "A H" owner's mark.

The plane has a wedge arm lock, wood depth stop, flat champhers and is screw locked. S. King is possibly one of Maine's earliest planemakers.

## Planes made in Maine

### TBW1002 **Panel raising plane with adjustable fence**

BDTM MHC-F

Wood (beech), 14" long, 3 1/2" wide including the adjustable fence, 2" wide blade, signed "T. WATERMAN" on plane and "JAMES CAM SHEFFIELD WARRANTED CAST STEEL" on blade.

This is currently the earliest signed hand plane known to have been made in the state of Maine. The Waterman signature is distinctly 18th century. The plane was probably made in the last years of the 18th century. James Cam, the prolific Sheffield, England edge tool manufacturer made the blade for this plane. Many Cam blades and tools were imported to America during this time. The bio links for Waterman and Cam go to pages that include photographs of this plane.

<http://www.davistownmuseum.org/bio#/bioJamesCam.htm>

<http://www.davistownmuseum.org/publications/volume10.html>

### 50402T2 **Skew plane**

LPC

Wood, no blade, 13 1/4" long, 2 3/8" wide, signed "J. C. Larrabee" with owner's initials "C.J.S." over stamped on the mark, partially obscuring it.

Larrabee is an up to now unlisted Brunswick area Maine planemaker. The plane is heavily chamfered with the offset handle and handle profile characteristic of 18th century planes. This tool may predate the Waterman and Metcalf planes in the Museum collection. His working dates are as yet unknown. This plane was formerly in the Bob Wheeler collection and is now loaned to the Museum by the current owner.

[http://www.davistownmuseum.org/pics/50402t2\\_p1.jpg](http://www.davistownmuseum.org/pics/50402t2_p1.jpg)

<http://www.davistownmuseum.org/publications/volume10.html>

## Saws

### TCB3000 **Back saw**

BDTM

Steel, wood, and brass, 23 1/4" long with a 9 1/4" long blade, signed "S\*J", "LLOYD DAVIES" with a crown touchmark. It is also stamped "GERMAN STEEL", c. 1800.

This small back saw has a crown touchmark, a distinctly 18th century style handle, solid brass nuts and is typical of the tools imported into the United States from England in the late 18th century and early 19th century. This saw is unusual in being stamped "German Steel." The mark indicates this was made by Spear and Jackson of Sheffield, England.

<http://www.davistownmuseum.org/pics/TCB3000-2.jpg>

<http://www.davistownmuseum.org/pics/TCB3000-1.jpg>

### 83102T6 **Buck saw**

DTM

Forged iron, forged steel blades and wood frame, 31" wide, 27" height, unsigned.

The exquisitely formed ram's horn adjustment screws date this primitive blacksmith made buck saw to the 17th or early 18th century. With a southern New England provenance, this saw is a rare survivor from the colonial era.

### 61601T4 **Hacksaw**

DTM

Cast steel, brass and wood, 11 3/8" long with a 5 1/4" blade, unsigned.

A classic example of a common 18th century tool probably made in Europe and brought to the U.S.

### 51201T5 **Hacksaw**

BDTM

Steel, brass and wood, 11 1/2" long, unsigned, c. 1800.

This brass framed saw is too coarse for a jeweler and too small for general purpose work. It has distinctly hand forged blade attachments and frames.

[http://www.davistownmuseum.org/pics/51201t5\\_p1.jpg](http://www.davistownmuseum.org/pics/51201t5_p1.jpg)

[http://www.davistownmuseum.org/pics/51201t5\\_p4.jpg](http://www.davistownmuseum.org/pics/51201t5_p4.jpg)

### 43006T2 **Hacksaw**

DTM

Blister steel, saw steel and wood, 17" long with a 4" wood handle, signed "AOES Co" on the iron ferrule.

A very unusual form; the saw, with a hand forged looped end, appears to have a later factory turned handle and ferrule with 19th century script. The tool itself appears much earlier than the handle, with a saw steel insert in a hand forged and filed wrought iron and/or blister steel holder. Comments are solicited. No such manufacturer is listed in DATM (Nelson 1999). The A in the mark may be preceded by another obscured letter.

### 101400T8 **Hand saw**

DTM

Wood, forged steel and brass, 20 1/2" long, unsigned.

Probably a tool used in a shipyard. This saw is distinguished by its 18th century handle and shape.

## Davistown Museum Inventory of Tools - Maritime II

Saws

Status Location

### 032203T1 Hand saw

DTM

Steel, wood and brass, 30" long, 25 7/8" blade, unsigned.

A typical late 18th century or early 19th century hand saw with peened brass rivets on the handle and the characteristic horizontal design of the lower handle grip of 18th century hand saws. By 1820, this saw was probably 25 or 50 years old -- a typical used tool found in any tool box of the era.

[http://www.davistownmuseum.org/pics/032203t1\\_p1.jpg](http://www.davistownmuseum.org/pics/032203t1_p1.jpg)

[http://www.davistownmuseum.org/pics/032203t1\\_p2.jpg](http://www.davistownmuseum.org/pics/032203t1_p2.jpg)

### 111206T3 Hand saw

DTM

Cast steel, brass and wood, 21 1/2" long, signed "G. Biggin & Co. S.B. Sheffield cast steel" with a crown touchmark, c. 1780-1840. It has three solid brasses. The center brass replicates the signature and has a more ornate crown to signify licensed production permission from the king.

### 71401T1 Hand saw

DTM

Forged steel, iron and wood, 17" long, 13" blade, unsigned.

A typical late 18th century or early 19th century smith made rip saw.

### 121805T22 Keyhole saw

DTM

Saw steel, brass and wood, 20 1/8" long, unsigned.

Primitive saw brasses, handle, and saw steel suggest this dates from the late 18th or early 19th century.

[http://www.davistownmuseum.org/pics/121805t22\\_p2.jpg](http://www.davistownmuseum.org/pics/121805t22_p2.jpg)

### 72002T3 Keyhole saw

DTM MH-E

Wood, brass and steel, 11" long, 5 1/2" blade, signed "MAWSALL", 18th century.

This keyhole saw has all the characteristics of an 18th century tool. DATM (Nelson 1999) lists a John Mawsall as a rule maker working in Philadelphia ca. 1813, who also made umbrellas. Could he also have been one of Philadelphia's early saw makers?

### TBJ1002 Keyhole saw

DTM

Cast or forged steel and wood, 12 1/2" long with a 6 1/4" blade, unsigned, c. 1780 - 1800.

### TBF1007 Pad saw

DTM

Forged iron, 9 1/4" long, unsigned.

With three unidentified touchmarks.

### 51201T7 Rip saw

DTM

Steel and wood, 27 13/16" long, signed "Browne German Steel", c. 1690 - 1740.

No Browne is listed in DATM (Nelson 1999). This is a perfect example of an 18th century saw: It has forged iron rivets instead of brasses in the handle, a distinctly 18th century style handle with flattened lower grip and the mark German steel, a main source of imported steel (along with Russia and Sweden) for Sheffield tool makers in the 16th to early 18th century. A classic tool from the Ancient Dominions of Maine.

### 31602T11 Tenon saw

DTM

Steel, wood and brass nuts, 14 7/8" long, blade 9 7/8" long, signed "\_\_\_\_ & Sellars & Grayson's improved Sheffield CAST STEEL".

A typical imported late 18th century tenon saw with solid brass mats.

## Shipsmiths' Tools

### 121805T2 Bolt header

DTM

Forged wrought iron, 12 1/2" long, 11/16" wide square head, and 3/8" diameter round head hole, unsigned.

[http://www.davistownmuseum.org/pics/121805t2\\_121805t3.jpg](http://www.davistownmuseum.org/pics/121805t2_121805t3.jpg)

### 121805T3 Bolt header

DTM

Forged wrought iron (refined bog iron), 13" long, 3/16" and 9/16" diameter round head holes, unsigned.

These two bolt headers (121805T-2 and T-3) came from a Duxbury, MA, blacksmith shop which dates back to circa 1700. They are probably made of refined bog iron and indicate the sophistication of early colonial refinery techniques. They were used for making the bolts for ship construction to hold the frame of the ship together. For example, the ribs are made up of 5 or 6 futtocks and the bolts are used to hold the futtocks together to form the rib. Photographs of these are included in the History of Hand Tools Museum publication series, vol. 7.

[http://www.davistownmuseum.org/pics/121805t2\\_121805t3.jpg](http://www.davistownmuseum.org/pics/121805t2_121805t3.jpg)

## Silversmithing Tools

## Davistown Museum Inventory of Tools - Maritime II

Silversmithing Tools

Status Location

### 12900T8 **Drawplate**

DTM

Cast steel, signed "Latapd" and hand stamped "1-13".  
An early imported jewelers' tool, probably French.

### 81101T15 **Jewelers' saw**

DTM

Cast steel, wood and brass, 6 1/4" long frame with an adjustable sliding handle for various blade lengths, unsigned.  
No blades. This is probably an English import pre-dating American production of cast steel tools (1820 and after).

## Tools Made from Recycled Farriers' Rasps or Files

### 913108T39 **Drawshave**

DTM

Steel and brass, 20 3/4" long, 7 3/4" blade, unsigned.  
This shave is made from a recycled file.

### 102409T2 **Grafting froe**

DTM

Forged steel, 13" long, 4" wide, 2 3/4" cutting edge, unsigned.

<http://www.davistownmuseum.org/pics/102409T2web1.jpg>

<http://www.davistownmuseum.org/pics/102409T2web2.jpg>

### 913108T47A **Grating iron**

DTM

Hand-forged recycled file or rasp, 9 1/2" long, 2 3/4" long blade, unsigned.

### 913108T49 **Spud**

DTM

Hand-forged iron and recycled file and rasp, 8 1/2" long, 2" wide, unsigned.

## Unidentified Tools

### 102904T10 **Peat cutter?**

DTM

Forged iron, 16 5/8" long including 9 3/4" overlapped welded handle, 6 1/2" wide set of arms, unsigned.

The wooden handle is missing. The set of arms would be ideal for supporting the feet for leverage and pushing in cutting peat(?)  
It is completely hand wrought, a tool form not commonly encountered by the museum staff.

<http://www.davistownmuseum.org/pics/102904t10.jpg>

### 111001T21 **Toothed chisel**

DTM MHC-D

Reworked forged steel, 3 7/16" long, 2" cutting head with 17 teeth, unsigned.

An excellent example of recycling file steel. Use unknown; it is too delicate for stone facing.

### 11301T6 **Unknown tool**

DTM

Forged iron, 19" long with a 5" hook, unsigned.

What was this tool used for?

## Watchmakers and Jewelers' Tools

### 32502T29 **Adjustable clamp**

BDTM

Cast steel with broken forged iron wing adjustment nut, 3 3/4" long, 5/8" wide jaws, unsigned.

A typical model adjustable clamp.

<http://www.davistownmuseum.org/bioEpstein.htm>

### 32502T27 **Adjustable clamp**

BDTM

Cast steel? and brass, 5" long, 1 1/2" wide sliding side clamp with brass screws, unsigned.

An unusual uncommon form.

<http://www.davistownmuseum.org/bioEpstein.htm>

### 32502T45 **Awl**

BDTM

Bone and steel, 3 1/2" long including broken 3/4" long bone handle, 1/12" diameter, unsigned.

<http://www.davistownmuseum.org/bioEpstein.htm>

### 32502T43 **Bowl pin auger handle**

BDTM

Cast steel?, 1 13/16" long, unsigned.

<http://www.davistownmuseum.org/bioEpstein.htm>

## Davistown Museum Inventory of Tools - Maritime II

Watchmakers and Jewelers' Tools

	Status	Location
<b>32502T39 Brush</b>		BDTM
Wood and hair, 8 3/4" long , most of the hair or bristles are worn off, signed "Masters Late St London". <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		
<b>32502T38 Calipers</b>		BDTM
Cast steel and brass, 2 3/4" long, 1 3/4" wide when closed, unsigned. <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		
<b>32502T6 Drawplate (2)</b>		BDTM
Cast steel, 4" long, 1 1/2" wide, 5/16" thick and 4 9/16" long, 1 1/16" wide, 1/8" thick, larger one signed "B H & Co 33 - 46". The smaller also has smaller square holes. <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		
<b>32502T7 Frag from tiny jewelers' laths (4)</b>		BDTM
Brass, wood, one with wood pulley 5/8" diameter, unsigned. Two tracks for belt. <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		
<b>32502T28 Handles</b>		BDTM
Bone, 3 1/16" long and 2 3/8" long, unsigned. These bone handles have no tool with them. <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		
<b>32502T26 Jewelers' _____</b>		BDTM
Cast steel, dimensions: _____, unsigned. Adjustable slide. <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		
<b>32502T8 Jig</b>		BDTM
Brass and steel, 1 3/4" long including adjustable steel pin, unsigned. This is some sort of 18th century jewelers' precision measuring tool. It has finely made tiny knobs on the side and on the adjusting steel leg. A most unusual tool. <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		
<b>32502T44 Keys (2)</b>		BDTM
Iron, unsigned. Used for steel locks on box lids. <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		
<b>32502T31 Tweezers (8)</b>		BDTM
Cast steel, 3 1/4" to 5 7/8" long, unidentified touchmarks. <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		
<b>32502T30 Wheels (64)</b>		BDTM
Cast steel, 1/2" to 1" in diameter, unsigned. All different patterns with no shaft or tooling. <a href="http://www.davistownmuseum.org/bioEpstein.htm">http://www.davistownmuseum.org/bioEpstein.htm</a>		

## Woodworking Tools

<b>TBW1009 Rabbet plane</b>	DTM	MHC-D
Wood (beech), 10 13/16" long, 5/8" wide, signed "J. METCALF". This plane was made by Joseph Metcalf of Winthrop, ME. The style and the wedge is distinctly 18th century. Joseph Metcalf was Maine's earliest documented planemaker, working slightly earlier than Thomas Waterman. This late 18th century example may have been made in Massachusetts before Metcalf moved to Winthrop, Maine, in 1789. The style and wedges are distinctly 18th century. Joseph was born in Medway, MA, in 1756, and apprenticed to his brother Luther. He went to Hallowell, Maine, by oxcart, for reasons unknown in 1789, and in the same year went to Winthrop, Maine, where he immediately began to build a workshop, finishing it that same year. His simple center chimney Georgian home was completed in 1792. Click on the "bio" link for a detailed description of Joseph Metcalf's life and work. <a href="http://www.davistownmuseum.org/pics/tbw1009.jpg">http://www.davistownmuseum.org/pics/tbw1009.jpg</a> <a href="http://www.davistownmuseum.org/bioMetcalf.htm">http://www.davistownmuseum.org/bioMetcalf.htm</a>		

**Wrenches**

<p>32103T4      <b>Adjustable wrench</b></p> <p>Forged iron, 13 1/4" long, 3 1/4" wide, unsigned.          Allegedly an English-made coach wrench, c. 1825. The Davistown Museum believes this is a late colonial era or early Republic all-purpose axle wrench, possibly blacksmith-made in or near Boston. This wrench lacks the beveled handle and sophisticated workmanship of the typical English coach wrench and its primitive forged construction suggests an 18th century origin. It is the fourth in our series of Boston wrenches (follow the bio link for more discussion).</p> <p><a href="http://www.davistownmuseum.org/pics/32103t4_p2.jpg">http://www.davistownmuseum.org/pics/32103t4_p2.jpg</a>  <a href="http://www.davistownmuseum.org/bioBostonWrench.htm">http://www.davistownmuseum.org/bioBostonWrench.htm</a></p>	<p>DTM</p>
<p>102100T21    <b>Auger wrench</b></p> <p>Forged iron, 6 1/2" long, unsigned, c. 1800?.          What was this distinctly smith made socket-tool used for?</p>	<p>DTM</p>
<p>TBK1001      <b>Boston wrench group - adjustable wrench</b></p> <p>Forged iron, 11 1/8" long, unsigned, 18th c.          Beveled handle.</p> <p><a href="http://www.davistownmuseum.org/pics/tbk1001.jpg">http://www.davistownmuseum.org/pics/tbk1001.jpg</a>  <a href="http://www.davistownmuseum.org/bioBostonWrench.htm">http://www.davistownmuseum.org/bioBostonWrench.htm</a></p>	<p>BDTM</p>
<p>TBK1002      <b>Boston wrench group - adjustable wrench</b></p> <p>Forged iron, 8 1/2" long, signed "Mathieson Glasgow".          One of three unusual early wrenches of similar design; strongly beveled handle.</p> <p><a href="http://www.davistownmuseum.org/pics/tbk1001.jpg">http://www.davistownmuseum.org/pics/tbk1001.jpg</a>  <a href="http://www.davistownmuseum.org/bioBostonWrench.htm">http://www.davistownmuseum.org/bioBostonWrench.htm</a></p>	<p>BDTM</p>
<p>TBK1003      <b>Boston wrench group - adjustable wrench</b></p> <p>Forged iron, 13 1/4" long, unsigned.          Slightly beveled handle. These late eighteenth or early nineteenth century wrenches keep turning up in the Boston area. Follow the bio link to see our information file on these wrenches.</p> <p><a href="http://www.davistownmuseum.org/pics/tbk1001.jpg">http://www.davistownmuseum.org/pics/tbk1001.jpg</a>  <a href="http://www.davistownmuseum.org/bioBostonWrench.htm">http://www.davistownmuseum.org/bioBostonWrench.htm</a></p>	<p>BDTM</p>
<p>TBK1004      <b>Open ended wrench</b></p> <p>Forged iron, 15" long, 1 1/2" and 1 7/16" wide ends, unsigned, c. 1780 - 1800.</p>	<p>DTM</p>
<p>121805T10    <b>Tap wrench</b></p> <p>Forged natural steel and/or iron with a natural steel insert, 9 5/8" long, 3/8" square tap hole, unsigned.          A nice example of a primitive 18th century American forge-welded natural steel tool made directly from a bloom of natural steel.</p> <p><a href="http://www.davistownmuseum.org/pics/121805t10.jpg">http://www.davistownmuseum.org/pics/121805t10.jpg</a></p>	<p>DTM</p>
<p>71401T6      <b>Tap wrench</b></p> <p>Forged iron and wood, 5 7/8" long, 6" handle, unsigned.          Wrought iron screws. A typical 18th century tool for threading wood for small wood screw clamps.</p>	<p>DTM</p>
<p>71401T10     <b>Tuning hammer</b></p> <p>Cast steel and wood, 5 1/2" long, 4 3/4" long handle, unsigned.          This is known as a tuning hammer/lever/wrench or stringing hammer. It is used to turn the tuning pins on a piano. More modern tuning hammers have a longer lever allowing greater control, so this older model would now be primarily used for stringing. This tuning hammer has a rectangular hole reflecting the shape of older tuning pins. Modern tuning pins are square. The Museum wishes to thank an anonymous visitor for this information.</p>	<p>DTM</p>
<p>42801T15     <b>Wagon wrench</b></p> <p>Forged iron, 9 5/8" long, unsigned.          A very early wagon wrench, mid-18th century.</p>	<p>DTM</p>
<p>43006T4      <b>Wrench</b></p> <p>Wrought iron and/or natural steel, 3/4" and 13/16" wide wrench openings, unsigned.          A curved wrench, forge-welded and hand filed from a handmade rasp. A nice example of an 18th century or earlier wagon wrench.</p>	<p>DTM</p>

## Davistown Museum Inventory of Tools - Maritime II

Wrenches  
Status Location  
DTM

### 71401T23      **Wrench**

Forged iron, wood and brass, 4" long, 2 1/4" wood handle, initialed "F. W." in 18th century script.  
What was this simple wrench used for?