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**= TOOLS =**

**CORE TOOLS:**

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Use QR code to open this  
section online!

TOOLS

*Please Note:*

*Images of items displayed herein are not to scale*

## REAMERS - PEG HOLE REAMERS

CORE® Reamers provide a diverse range of suitable tools for various peg-fitting needs, ensuring comprehensive solutions for every purpose.

CORE reamers are crafted from HSS (High-Speed Steel), allowing for hardening treatment to attain exceptional hardness levels, approximately 65 HRC. HSS also exhibits high resistance to abrasive edge wear. The violin reamers feature a 1:30 taper, while the cello reamers boast a 1:25 taper. Luthiers who favor a 1:20 taper can opt for the "slim tip" modification. Those working with partial-size instruments can choose the "small" modification. Additionally, there's a modification specifically designed for gamba.

**CORE® Peghole Reamers** are made in four modifications: with straight or spiral-shaped cutting edge and with or without TiN coating.



CT-833.706



CT-833.716



CT-833.726



CT-833.736

## PEG HOLE REAMERS - VIOLIN / VIOLA - TAPER 1:30

Ramers for violins and violas typically have a 1:30 taper and come in two lengths: 135mm and 105 mm. The "small" variant is designed for fractional instrument sizes as tiny as 1/16. HSS, 63 HRC.

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-833.706 | Peg Reamer Violin Standard. Taper 1:30 10/5.5mm Length 135mm Straight Uncoated   | 111.78 |
| CT-833.716 | Peg Reamer Violin Standard. Taper 1:30 10/5.5mm Length 135mm Straight Tin Coated | 130.41 |
| CT-833.726 | Peg Reamer Violin Spiral. Taper 1:30 10/5.5mm Length 135mm Uncoated              | 131.96 |
| CT-833.736 | Peg Reamer Violin Spiral. Taper 1:30 10/5.5mm Length 135mm Tin Coated            | 153.70 |
| CT-833.708 | Peg Reamer Violin Small. Taper 1:30 7.5/4.0mm Length 105mm Straight Uncoated     | 99.36  |
| CT-833.715 | Peg Reamer Violin Small. Taper 1:30 7.5/4.0mm Length 105mm Straight Tin Coated   | 111.78 |
| CT-833.728 | Peg Reamer Violin Small. Taper 1:30 7.5/4.0mm Length 105mm Spiral Uncoated       | 108.68 |
| CT-833.735 | Peg Reamer Violin Small. Taper 1:30 7.5/4.0mm Length 105mm Spiral Tin Coated     | 131.96 |



## REAMERS - PEG HOLE REAMERS



$\frac{1}{4}$ " hex instead of a traditional handle allows the use of a power tool (screwdriver). This not only enhances productivity, but also enables perfection, as a steady rotating motion is less sensible to create ovality than a repeated hand stroke while using a traditional handle.

For individuals who favor power driving (which we highly recommend), we offer modifications with a  $\frac{1}{4}$ " hex instead of a handle variant. These reamers can be easily inserted into the standard chuck of a power drill, but they work even more seamlessly with a  $\frac{1}{4}$ " attachment on a power drill. However, a classical handle with a  $\frac{1}{4}$ " attachment is also available for those who prefer traditional handwork.

**Taper Pins** for violins are offered in 1:20 and 1:30, while those for cellos come in 1:25.

The process of making a precise peg hole is finished using a taper pin. Rotating the pin in the peg hole, even with peg soap on its surface will deburr, sleek and evenly impregnate the inner surface of the peg hole, especially when the peg action is demanded in the highest accuracy for professional players.



## TAPER PINS / BURNISHERS

| NO.        | DESCRIPTION                                 | \$-NET |
|------------|---|--------|
| CT-833.729 | Taper Pin 1:20 Violin 10/3.5mm Length 130mm | 77.46  |
| CT-833.725 | Taper Pin 1:30 Violin 10/4.5mm Length 165mm | 85.39  |
| CT-833.826 | Taper Pin 1:25 Cello 15/6.0mm Length 225mm  | 153.70 |

## REAMERS - PEG HOLE REAMERS



CT-833.707



CT-833.737

## PEG HOLE REAMERS - VIOLIN / VIOLA - SLIM TAPER 1:20

The violin/viola reamers with the "SLIM TIP" modification have a 1:20 taper. Some antique violins from the 17th and 18th centuries still have this asymmetrical taper that has recently been used. By combining the CORE "SLIM TIP" reamer and the CORE adjustable peg shaper (CT-833.604), makers can swap out pegs without having to re-ream the peg holes. HSS, 63 HRC.

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-833.707 | Peg Reamer Violin Slim Tip Taper 1:20 10/3.5mm Length 130mm Straight Uncoated | 116.44 |
| CT-833.727 | Peg Reamer Violin Slim Tip Taper 1:20 10/3.5mm Length 130mm Spiral Uncoated   | 116.44 |
| CT-833.737 | Peg Reamer Violin Slim Tip Taper 1:20 10/3.5mm Length 130mm Spiral Tin Coated | 139.73 |



CT-833.616

(SHOWN WITH HANDLE  
ITEM #CT-803.602)

CT-833.618

## PEG HOLE REAMERS - VIOLIN / VIOLA - 1/4" HEX HEAD

Instead of a conventional handle, a 1/4" hex facilitates the use of a power drill. This increases output and improves accuracy since a constant rotating action is less likely to yield defects than a series of hand strokes with a conventional handle. This modification is available with either a standard or a slightly rounded cutting edge, which produces an incredibly smooth inner surface for the peg hole. The usage of stop rings (833.638 and other models) is advised while using a power drill. The conventional handle can still be used to operate the 1/4" hex reamers (item CT-833.602). HSS, 63 HRC.

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-833.616 | Peg Reamer 1/4 Hex Shaft Violin Standard Taper 1:30 10/5.5mm Length 135 Spiral Tin Coated | 153.70 |
| CT-833.618 | Peg Reamer 1/4 Hex Shaft Cello Taper 1:25 16/8.0mm Length 200 Spiral Tin Coated           | 263.93 |

## REAMER HANDLES

With 1/4" hex attachment.

| NO.        | DESCRIPTION                                   | \$-NET |
|------------|---|--------|
| CT-803.602 | Padauk Handle For Hex 1/4 Inch Reamers Violin | 13.97  |
| CT-803.603 | Padauk Handle For Hex 1/4 Inch Reamers Cello  | 13.97  |



CT-803.602



## REAMERS - PEG HOLE REAMERS



CT-833.805

**IMAGE  
COMING SOON!**

CT-833.815



CT-833.825



CT-833.835

**IMAGE  
COMING SOON!**

CT-833.709

## PEG HOLE REAMERS - CELLO - STANDARD TAPER 1:25

The conventional taper for cello reamers is 1:25, which is typically the same taper used for Gamba/Lute pegs. HSS, 63 HRC.

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-833.805 | Peg Reamer Cello Taper 1:25 16/8.0mm Length 200mm Straight Uncoated              | 173.88 |
| CT-833.815 | Peg Reamer Cello Taper 1:25 16/8.0mm Length 200mm Straight Tin Coated            | 195.62 |
| CT-833.825 | Peg Reamer Cello Taper 1:25 16/8.0mm Length 200mm Spiral Uncoated                | 200.27 |
| CT-833.835 | Peg Reamer Cello Taper 1:25 16/8.0mm Length 200mm Spiral Tin Coated              | 225.11 |
| CT-833.709 | Peg Reamer Violin, Lute Gamba Taper 1:25 12/4.0mm Length 200mm Straight Uncoated | 200.27 |



CT-833.618

## PEG HOLE REAMERS - CELLO - 1/4" HEX HEAD

1/4" hex instead of a traditional handle allows the use of a power tool (screwdriver). This not only enhances productivity, but also enables perfection, as a steady rotating motion is less prone to create ovality than a repeated hand stroke while using a traditional handle. This modification is available in two different shapes of the cutting edge: either a regular or a slightly rounded edge, which creates a super fine-finished inner surface of the peg hole. In the case of the use of a power tool, the use of stop rings (CT-833.641 and others) is recommended.

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-833.618 | Peg Reamer 1/4 Hex Shaft Cello Standard Taper 1:25 16/8.0mm Length 200 Spiral Tin Coated | 195.50 |

## REAMER STOP RINGS

Stop rings are valuable tools that help to adjust the reamer depth so that the peg hole adapts a peg of the desired diameter under the collar for a 13 mm clearance. (Especially advisable when using a power drill for driving the reamer).

| NO.        | DESCRIPTION                 | \$-NET |
|------------|-----------------------------|--------|
| CT-833.422 | Stop Ring For Reamer 7.8mm  | 10.08  |
| CT-833.423 | Stop Ring For Reamer 8.2mm  | 10.08  |
| CT-833.634 | Stop Ring For Reamer 7.2mm  | 10.08  |
| CT-833.635 | Stop Ring For Reamer 7.5mm  | 10.08  |
| CT-833.639 | Stop Ring For Reamer 8.0mm  | 10.08  |
| CT-833.641 | Stop Ring For Reamer 12.2mm | 10.08  |



CT-833.422



CT-833.634



CT-833.639



CT-833.423



CT-833.635

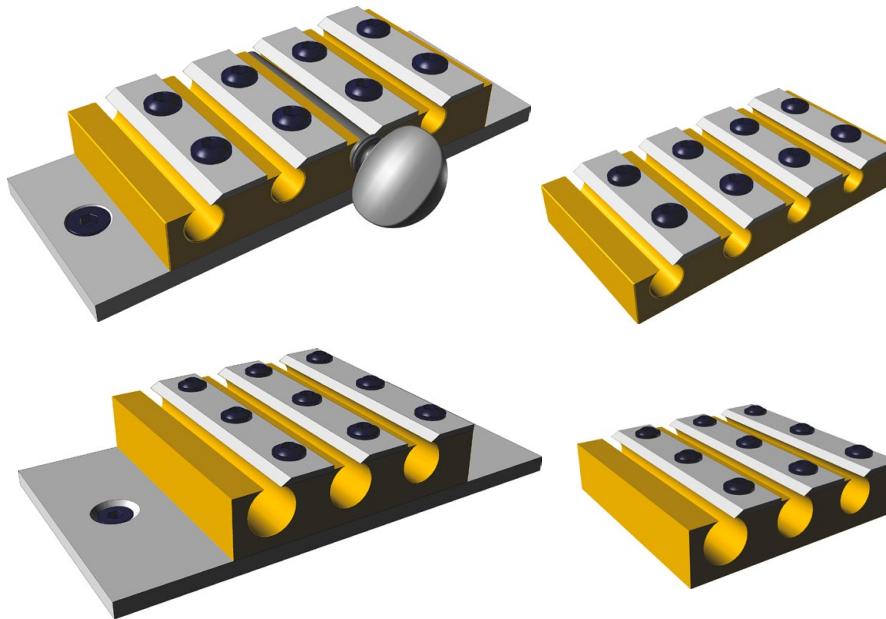


CT-833.641

## PEG SHAPERS &amp; ACCESSORIES

Having the right peg action is crucial when deciding to buy a violin. If the pegs don't work smoothly, it can be frustrating, even if the violin itself sounds great.

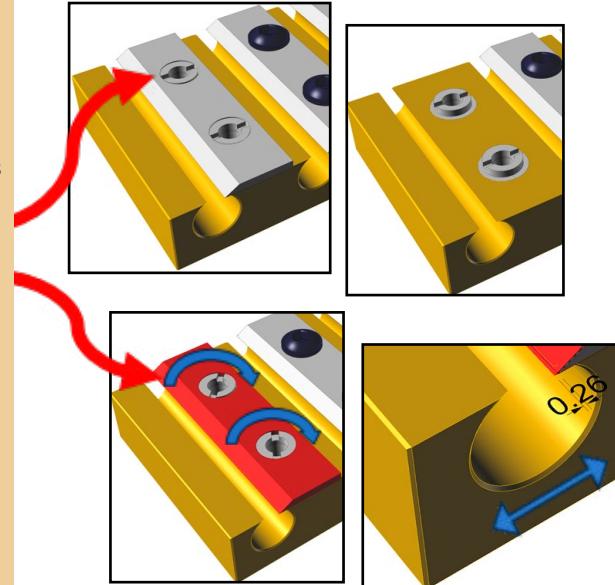
CORE® Peg shapers are the best tools available, and CORE Tools always strives to improve their technology.



**CORE® Standard Violin Peg shapers** are designed with specific collar diameters, ranging from 10 to 8.5 mm and 8 to 6.5 mm, following a standardized 1:30 taper. Additionally, you can attach an optional base plate to the tool's base, making it easier to secure the pegshaper to a workbench using screws or clamps. This feature frees the luthier's hands, improving precision and ease of use, and potentially allowing the use of a power tool.

**CORE® Standard Cello Peg shapers** follow the same principles as violin modifications. They come pre-set with collar diameters ranging from 14.5 to 13 mm and 12.2 to 10.7 mm, respectively, in line with a standardized cello taper of 1:25. Additionally, an optional base mounting plate is available as an accessory for this model.

Experience the exceptional benefits of CORE® pegshapers when you remove the end blade screws. The setup and adjustment of CORE pegshapers are significantly easier and more precise than other options on the market. How does it work? The blades are precisely positioned on circular cams. You can adjust the blade inward or outward on each side by simply turning these cams. These subtle movements allow for fine-tuning the diameter and taper of the peg shaft. Even after blade resharpening, adjusting the diameter is effortlessly achieved with a small turn of the cam. This level of precision and convenience distinguishes CORE pegshapers from the rest.



## STANDARD PEG SHAPERS

Brass body, HSS blades.

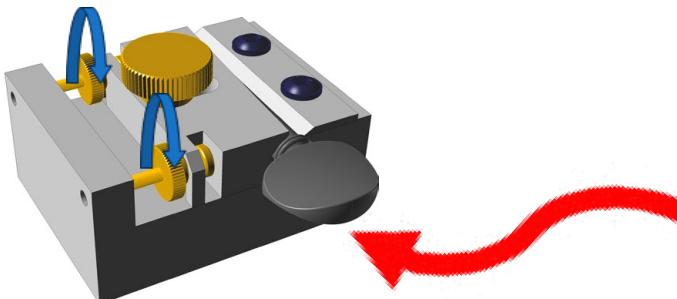
| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-833.305 | Peg Shaper Violin Small. 51mm shaft length. Peg diameters: 8.0, 7.5, 7.0, 6.5    | 189.28 |
| CT-833.306 | Peg Shaper Violin Regular. 51mm shaft length. Peg diameters: 10.0, 9.5, 9.0, 8.5 | 189.28 |
| CT-833.406 | Peg Shaper Cello Small. 81mm shaft length. Peg diameters: 12.2, 11.5, 10.7       | 189.28 |
| CT-833.405 | Peg Shaper Cello Regular. 81mm shaft length. Peg diameters: 14.5, 13.7, 13.0     | 189.28 |



CT-833.306



While Standard Peg shapers have strictly preset diameter and taper, the **CORE® Universal Peg shaper** is intended to produce any diameter between 7mm and 9.5mm, and tapered 1:20 to 1:35. This variability is especially useful when restoring antique violins, and the luthier is not willing to re-ream the peg holes and wants to fit the new pegs into the original holes.



You can easily adjust the diameter and taper with two knurled screws. After that, make sure to secure the guide block's position with the master screw.

#### UNIVERSAL PEG SHAPER

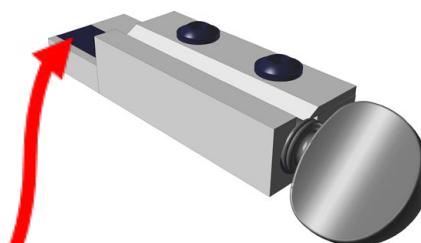
Aluminum body, HSS blade, brass screws, adjustable 7-9.5 mm, 1:20 to 1:35

| NO.        | DESCRIPTION                 | \$-NET |
|------------|-----------------------------|--------|
| CT-834.004 | Universal Peg shaper Violin | 189.28 |



CT-834.004

The **CORE® Mini Peg shaper** is preconfigured at the factory with dimensions of 7.8 and 8.2 mm, conforming to a 1:30 taper. These measurements correspond to the most commonly used dimensions for pegs in new violins. This tool is highly effective in a workshop setting, especially when standardizing pegs for a larger number of instruments before their installation.



The Mini pegshaper can be easily clamped onto a workbench with any clamp on hand.



CT-833.415

#### MINI PEG SHAPERS

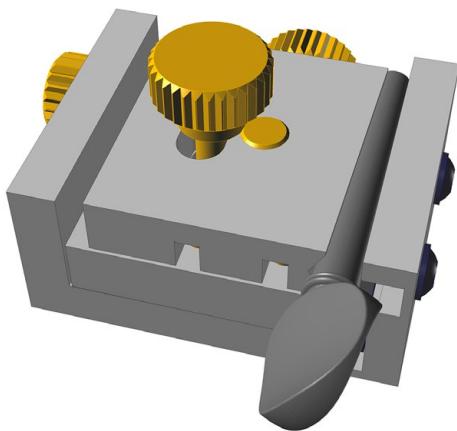
Single-purpose pegshaper with factory settings to 7.8 mm resp 8.2 mm. Aluminum body, HSS blade

| NO.        | DESCRIPTION                  | \$-NET |
|------------|------------------------------|--------|
| CT-833.415 | Mini Peg Shaper Violin 7.8mm | 66.08  |
| CT-833.416 | Mini Peg Shaper Violin 8.2mm | 66.08  |



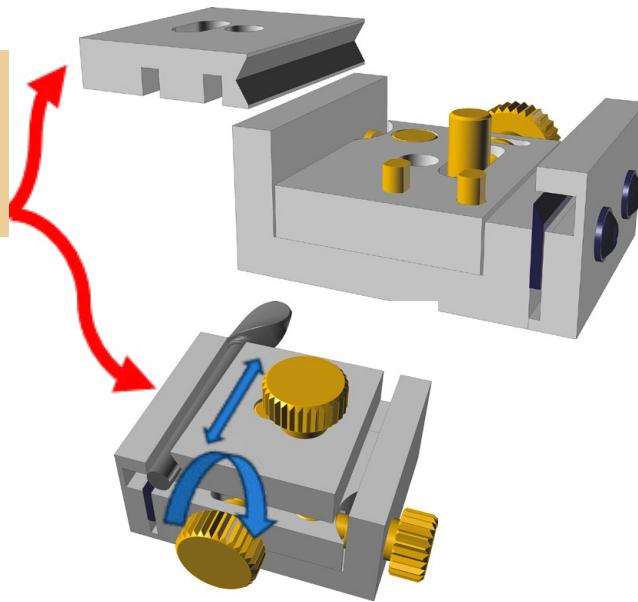
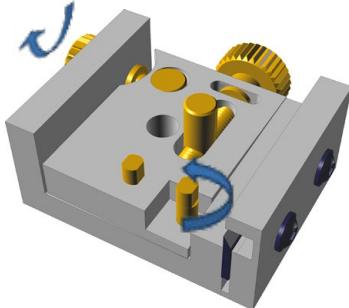
CT-833.416

## PEG SHAPERS &amp; ACCESSORIES



The **CORE® Precise Peg shaper** is the most advanced tool in the CORE lineup, designed for shaping pegs with unparalleled precision by adjusting the peg's diameter and fine-tuning the taper. It's ideal for achieving the finest peg adjustments.

The peg's diameter is adjusted simply by exchanging the guide block. Fine-tuning the diameter, considering the type of wood used for the peg, is achieved with the fine adjustment screw, which moves the guide block forward and backward. Additionally, the taper can be adjusted by the taper adjustment screw, within a range of  $\pm 0.8^\circ$ , depending on the wood type.



## PRECISE PEG SHAPER

Aluminum body, HSS blade, brass screws.

| NO.        | DESCRIPTION                      | \$-NET |
|------------|----------------------------------|--------|
| CT-806.454 | Precise Peg Shaper Violin 8.2mm. | 256.48 |



CT-805.454

All CORE® Peg shapers utilize identical blades, each with a 1.8 mm thickness made of solid High-Speed Steel (HSS). HSS is chosen for its exceptional wear resistance and ease of regrinding.

## PEG SHAPER BLADES

| NO.        | DESCRIPTION                                    | \$-NET |
|------------|--|--------|
| CT-883.305 | Blade Mk1 For Core Violin Peg Shaper           | 29.50  |
| CT-883.405 | Blade Mk3 For Core Cello Peg Shaper            | 31.05  |
| CT-883.406 | Blade Mk2 For Core Violin Peg Shaper HSS Solid | 29.50  |

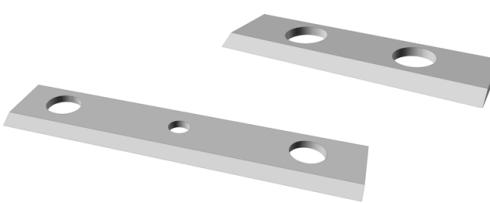


IMAGE COMING SOON!



## PEG SHAPERS & ACCESSORIES

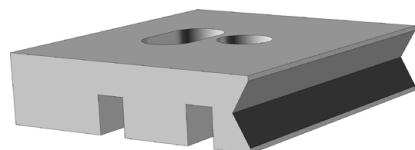
### BASE PLATE FOR STANDARD PEG SHAPERS

| NO.        | DESCRIPTION                  | \$-NET |
|------------|------------------------------|--------|
| CT-833.307 | Base plate for violin shaper | 11.09  |
| CT-833.407 | Base plate for cello shaper  | 11.09  |



### GUIDE BLOCK FOR PRECISE PEG SHAPERS

| NO.        | DESCRIPTION                              | \$-NET |
|------------|--|--------|
| CT-806.455 | Guide block for Precise Peg Shaper 7.2mm | 17.92  |
| CT-806.456 | Guide block for Precise Peg Shaper 7.5mm | 17.92  |
| CT-806.457 | Guide block for Precise Peg Shaper 7.8mm | 17.92  |
| CT-806.458 | Guide block for Precise Peg Shaper 8.5mm | 17.92  |
| CT-806.459 | Guide block for Precise Peg Shaper 8.8mm | 17.92  |



### PEG ENDING TOOL

Achieving a finely rounded and polished peg-end is a meticulous process that may appear deceptively simple. The CORE Peg-end Finishing Gadget significantly simplifies and standardizes this task, making it both more efficient and consistently replicable.

The tool adjusts between 36-44 mm by screwing the inner holder in or out of the outer sleeve. The sleeve has a stainless steel socket with a rounded end (radius: R3/8"). This helps the luthier create pegs with a set length and a neat ball-end.

| NO.        | DESCRIPTION     | \$-NET |
|------------|-----------------|--------|
| CT-833.418 | Peg Ending Tool | 84.00  |



1. Choose the preferred peg length.
2. Insert the peg into the gadget; the rubber O-rings will secure it in place.
3. Trim the peg to the desired length and shape the ball end using a file and sandpaper. The gadget's face ring, made of stainless steel, withstands wear from shaping tools.
4. Easily polish the ball end using the gadget.

### PEG SHAPER DRIVERS

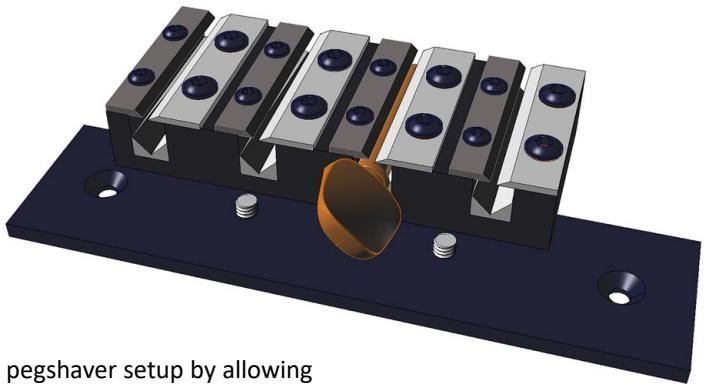
| NO.        | DESCRIPTION                | \$-NET |
|------------|----------------------------|--------|
| CT-833.310 | Peg Shaper Driver - Violin | 42.56  |
| CT-833.311 | Peg Shaper Driver - Cello  | 50.40  |



## PEG SHAPERS &amp; ACCESSORIES

Creating a universal pegshaper is a continual and time-consuming process. The CORE® Tools team has developed a tool that eliminates all challenges associated with pegshaver setup. **The CORE® Peg shapers New Concept** addresses all weaknesses in pegshaver setup.

**The CORE® New Concept Violin Peg shapers** come in calibrated sizes (10 to 8.5 mm and 8 to 6.5 mm) with a standardized 1:30 taper. An optional base plate, attachable to the tool's base, allows secure fixation to a workbench using screws or clamps. This frees the luthier's hands, improving precision and ease of tasks, and potentially enabling the use of a power tool.

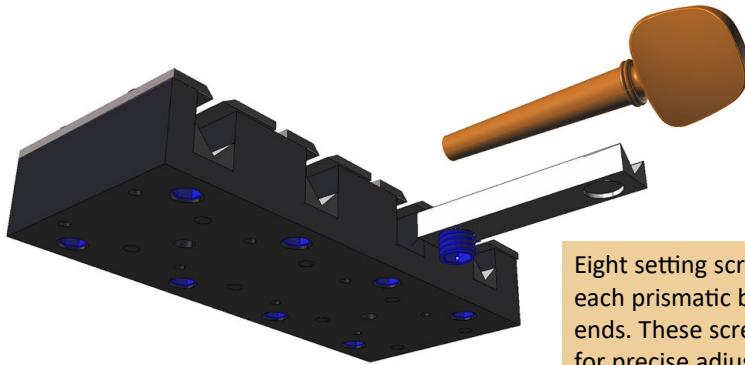
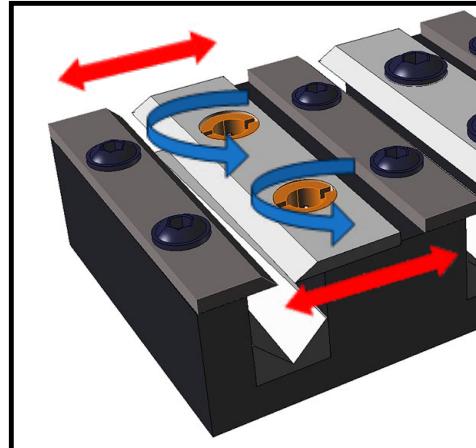


The **CORE® Peg shapers New Concept** addresses the shortcomings in pegshaver setup by allowing independent adjustment of three crucial parameters:

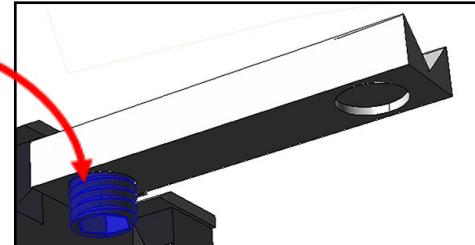
1. Cutting conditions: The depth of the cut plays a vital role in achieving the desired surface quality for the peg shaft, with the optimal range being 0.08-0.1 mm.
2. Diameter under the collar: This parameter ensures the overall thickness of the peg shaft.
3. Cone taper: Conforming to the reamer's taper (usually 1:30 for violin and 1:25 for cello) is essential. The proper peg action is guaranteed when the thinner end is a few hundredths of a millimeter thinner than the nominal dimension.

The new CORE® New Concept Peg shapers empower users to independently set these three parameters, enhancing precision in pegshaver customization.

The HSS blade is secured by two circular cams. By unscrewing the securing screws and rotating these cams, both ends can be independently moved transversally to achieve the ideal shaving depth. This step also includes a rough adjustment of the taper. Once the desired positions are achieved, the securing screws are tightened, ensuring the blade remains fixed even after regrinding.



Eight setting screws support each prismatic bed at both ends. These screws allow for precise adjustments, enabling the setting of both the diameter under the collar and the correct taper of the peg.



## PEG SHAPERS & ACCESSORIES

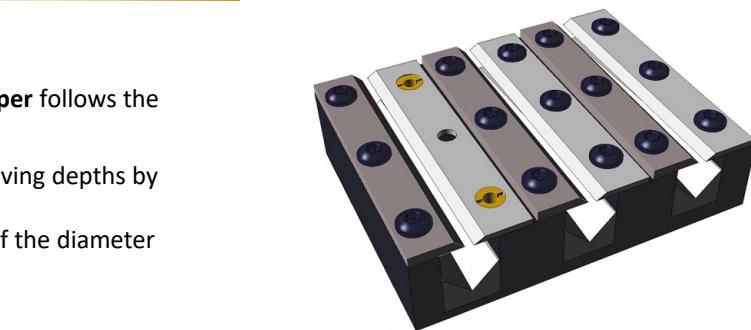
The New Concept Cello Peg shapers come in two dimensional lines:

- 1. Large with diameters 14.0, 12.7, 11.5 mm
- 2. Small with diameter 13.2, 12.0, 10.8 mm

The setting screws enable to reduce the diameter by 0.4 mm.

The cello version of the **CORE® New Concept Peg shaper** follows the same principle as the violin version:

- Two circular cams facilitate the adjustment of shaving depths by transversally moving both ends of the blade.
- Six setting screws allow for precise adjustments of the diameter under the collar and the taper.



Cello pegshapers can also be optionally fastened to the workbench using the base plate.



### NEW CONCEPT PEG SHAPER

| NO.        | DESCRIPTION                             | \$-NET |
|------------|---|--------|
| CT-833.315 | New Concept Violin Peg shaper - Small   | 166.88 |
| CT-833.316 | New Concept Violin Peg shaper - Regular | 166.88 |
| CT-833.425 | New Concept Cello Peg shaper - Large    | 189.28 |
| CT-833.426 | New Concept Cello Peg shaper - Small    | 189.28 |

CT-833.315



CT-833.425

### BASE PLATE FOR NEW CONCEPT PEG SHAPER

| NO.        | DESCRIPTION                              | \$-NET |
|------------|--|--------|
| CT-833.317 | Base plate for New Concept violin shaper | 15.57  |
| CT-833.427 | Base plate for New Concept cello shaper  | 15.57  |



CT-833.317

## REAMERS - CELLO ENDPIN REAMERS

Any instrument, whether it is a student or professional instrument, must be setup with an endpin that is precisely seated. The best tools for this job are CORE endpin reamers. These reamers come in a broad variety in our inventory, ranging from single-purpose tools for fitting brand-new cellos and basses to universal tools for fitting both cello and bass endpins. This powerful tool can repair an endpin in an antique bass with a diameter of up to 46 mm without the need to bush the hole.

**CORE® Endpin Reamers** come in variations of cutting edge: straight or spiral-shaped, and in two surface treatment variations - with or without TiN coating.



CT-833.935



CT-833.925



CT-833.915



CT-833.905

**ENDPIN REAMERS - CELLO**

HSS, 63 HRC.

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-833.935 | Endpin Reamer Cello Taper 1:17 27.5/15.0mm Length 212.5mm Spiral Tin Coated   | 417.62 |
| CT-833.925 | Endpin Reamer Cello Taper 1:17 27.5/15.0mm Length 212.5mm Spiral Uncoated     | 271.58 |
| CT-833.915 | Endpin Reamer Cello Taper 1:17 27.5/15.0mm Length 212.5mm Straight Tin Coated | 293.91 |
| CT-833.905 | Endpin Reamer Cello Taper 1:17 27.5/15.0mm Length 212.5mm Straight Uncoated   | 340.00 |
| CT-833.907 | Endpin Reamer Cello/Bass Taper 1:17 39/20mm Length 323mm Straight Uncoated    | 867.85 |



## REAMERS - CELLO &amp; BASS ENDPIN REAMERS



CT-833.926

The CORE® collection provides a diverse array of endpin reamers. These range from slender options designed for fitting new cellos and basses, to a versatile tool suitable for both cello and double bass endpins. Additionally, there's a robust tool capable of refitting an endpin in an old bass with a diameter of up to 46 mm, eliminating the need for bushing the hole.



CT-833.936



CT-833.906



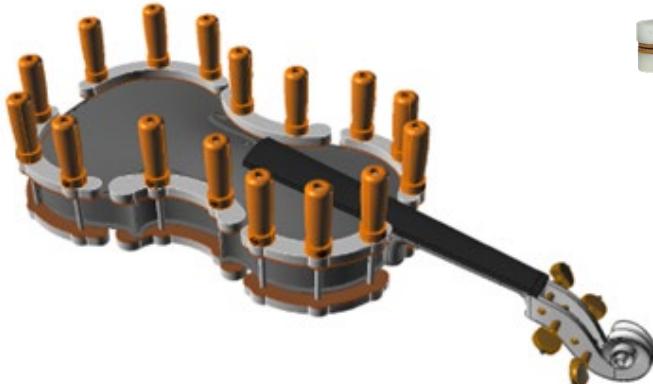
CT-833.907

## ENDPIN REAMERS - BASS

| NO.        | DESCRIPTION  | \$-NET   |
|------------|--|----------|
| CT-833.926 | Endpin Reamer Bass Over Sized Taper 1:17 46/33.0mm Length 221mm Spiral Tin | 1,023.10 |
| CT-833.936 | Endpin Reamer Bass Taper 1:17 36/23.0mm Length 221mm Spiral Tin            | 697.07   |
| CT-833.906 | Endpin Reamer Bass Taper 1:17 36/23.0mm Length 221mm Straight Uncoated     | 541.82   |
| CT-833.907 | Endpin Reamer Cello/Bass Taper 1:17 39/20mm Length 323mm Straight Uncoated | 642.85   |

## CLAMPS - ASSEMBLY GLUING CLAMP SETS

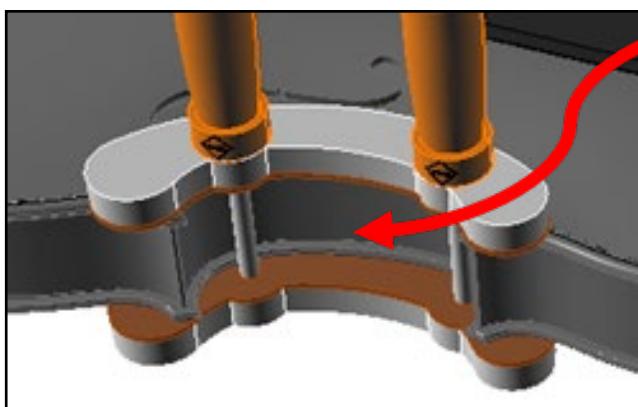
Our CORE® Violin Assembly Clamps Sets come with a few significant innovations and improvements.



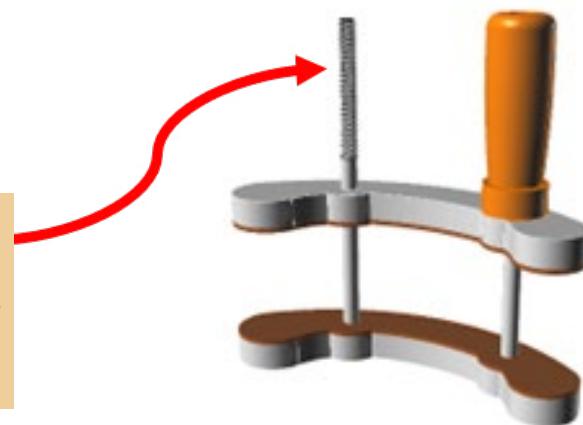
CT-808.904

Two crucial aspects to consider during the assembly process, whether for a newly built violin or a repair, are precision and speed. **CORE® Assembly Clamps** excel in both areas. Speed is essential for maintaining the right gluing temperature, while precise function ensures the correct and safe distribution of gluing pressure.

The central part of the set holds the corners and c-bouts together. This simplifies the most challenging part of the assembly, especially during violin repairs, as accurately positioning the corners is crucial for a proper assembly.

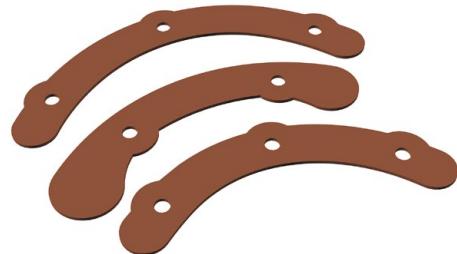


The sleek design of the jaws makes it accessible to reach the edge between the plate and ribs; thus, any spills and glue overflows can be easily removed.



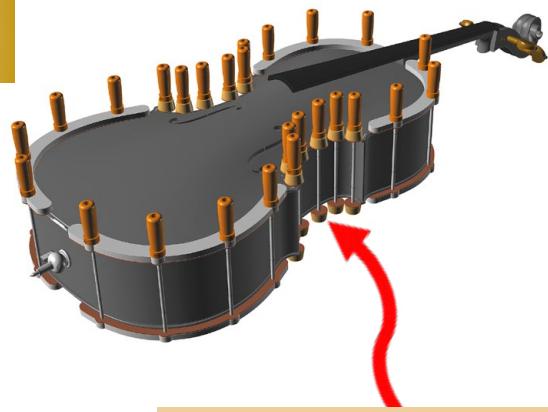
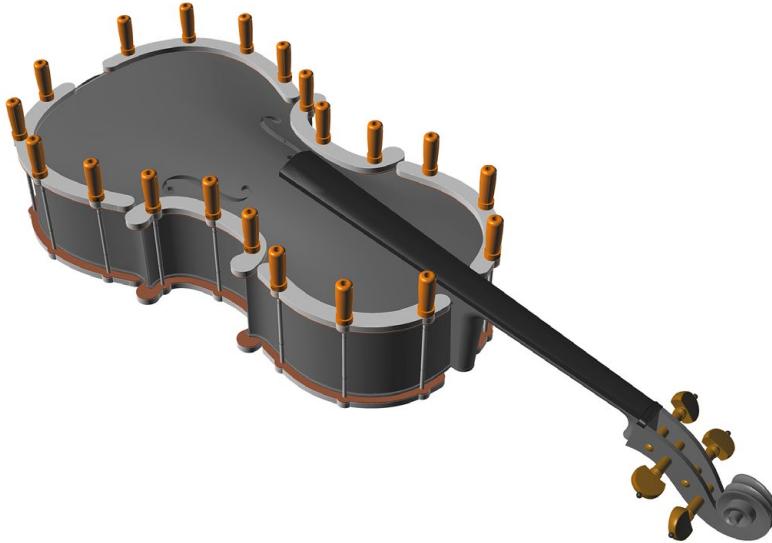
The special feature is the double-helix thread on the rods, with a pitch of 0.08", which is twice as fast as a regular thread. This quickens the nut's action and allows the maker to finish the assembly while the glue is still hot, saving time.

The jaws are coated with a durable cork composition, and replacement pads are available as spare parts. These pads come precut for swift and easy replacement. The jaws are CNC machined, and the holes on the movable jaws are drilled with precision, ensuring the movable jaw functions perfectly in parallel with the fixed one.



## CLAMPS - ASSEMBLY GLUING CLAMP SETS

**CORE® Cello Assembly Clamps Sets** incorporate innovations similar to those in violin modification. These include a double-pitch thread for rapid assembly and a central component that aligns with corner sections for precise positioning.



Cello patterns exhibit significantly more variability than violin patterns. The Assembly Clamps Set patterns are quite universal; however, there may still be cases where Single Assembly Clamps are required.



CT-808.905

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-808.904 | Assembly glue clamp set, violin. 6 piece set. Polished maple handles, PA6 (nylon) jaws, padded with durable rubber-cork pads. Nickel plated rods, $\frac{1}{4}$ " (6mm), double-pitch thread 0.08" (2mm). Opening 27-45 mm (1"-1 $\frac{3}{4}$ ')                   | 246.85 |
| CT-808.905 | Assembly glue clamp set, cello. 6 piece set. Polished maple handles, PA6 (nylon) jaws, padded with durable rubber-cork pads. Nickel plated rods, $\frac{1}{4}$ " (6mm), double-pitch thread 0.08" (2mm). Opening 110-145 mm (4 $\frac{1}{4}$ " - 5 $\frac{3}{4}$ ") | 340.00 |

## CLAMPS - SINGLE ASSEMBLY GLUING CLAMPS

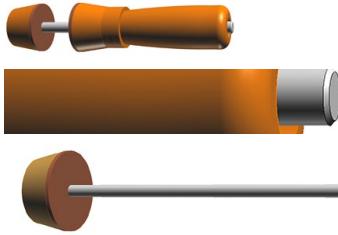
A fitting complement to the Assembly Clamp Sets!

Standard violin assembly clamp sets may not be fully compatible for assembling violas and fractional-sized violins. In such cases, single clamps are also necessary for the task.



This clamp features a double-helix high-pitch thread of 0.08" and includes durable cork composition padding, which is also available as a spare part.

**CORE® Single Assembly Clamps** are available in three sizes, violin, cello and double-bass



The double-bass Single Assembly Clamp is equipped with an 8mm rod featuring a trapezoidal thread with a pitch of 0.12". This configuration results in the CORE® Single Assembly Clamp having the fastest action speed among available options.



CT-838.846



CT-838.847



CT-838.848

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-838.848 | Gluing Clamp Single, Maple Bass. Polished maple handles, and maple jaws, padded with durable rubber-cork pads. Nickel plated rods, 5/16" (8mm), trapezoidal thread pitch 0.1" (2mm). Opening 110-145 mm (4 1/4" - 5 3/4") | 19.52  |
| CT-838.847 | Gluing Clamp Single, Maple Cello. Polished maple handles, and maple jaws, padded with durable rubber-cork pads. Nickel plated rods, 1/4" (6mm), double-pitch thread 0.08" (2mm). Opening 110-145 mm (4 1/4" - 5 3/4")     | 13.04  |
| CT-838.846 | Gluing Clamp Single, Maple Violin. Polished maple handles, and maple jaws, padded with durable rubber-cork pads. Nickel plated rods, 1/4" (6mm), double-pitch thread 0.08" (2mm). Opening 27-45 mm (1"-1 3/4")            | 11.26  |

## RUBBER CORK PADS

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-838.867 | Rubber Cork Pad Assemble Gluing Clamp Set Violin 12 Pcs | 30.89  |
| CT-838.868 | Rubber Cork Pad Assemble Gluing Clamp Set Cello 12 Pcs  | 38.65  |
| CT-838.869 | Rubber Cork Pads For Gluing Clamps Violin 10 Pcs        | 9.17   |
| CT-838.870 | Rubber Cork Pads For Gluing Clamps Cello 10 Pcs         | 10.72  |
| CT-838.871 | Rubber Cork Pads For Gluing Clamps Bass 10 Pcs          | 10.72  |



## CORE® "GUNTHER DICK" STYLE ASSEMBLY CLAMPS

High-quality PA6 (nylon) is meticulously used to craft generic replicas of the well-known clamps. These replicas feature color-differentiated jaws, making it easy to recognize their shape. They are also available in a cello version.



The "Gunther Dick" Assembly Clamps are ideal for repairing old instruments with worn and uneven plate and rib edges. Their shaped bodies ensure precise gluing pressure in specific areas. These clamps are also useful when regluing partly opened plates, allowing for precise pressure placement.



CT-838.805



CT-838.806



CT-838.807



CT-838.836



CT-838.835

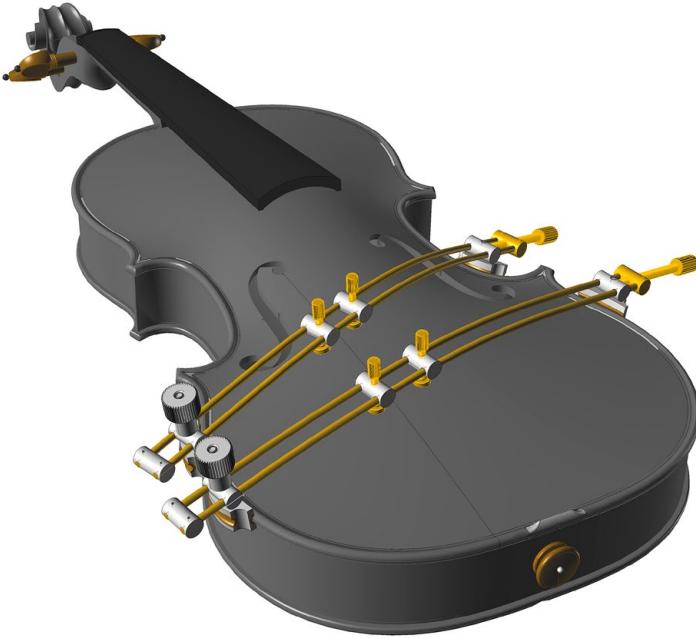


CT-838.837

| NO.           | DESCRIPTION  | \$-NET |
|---------------|--|--------|
| <b>VIOLIN</b> | Plastic PA 6 jaws (nylon) opening 0-2", blue jaws for outer bouts, yellow for C-bouts, red for corners. 0.25" rod, rifle finish, regular thread 0.25"    |        |
| CT-838.805    | Assembly Clamp Violin, Blue  | 6.20   |
| CT-838.806    | Assembly Clamp Violin, Red   | 6.20   |
| CT-838.807    | Assembly Clamp Violin, Yellow  | 6.20   |
| <b>CELLO</b>  | Plastic PA 6 jaws (nylon) opening 2" – 6", blue jaws for outer bouts, yellow for C-bouts, red for corners. 0.25" rod, rifle finish, regular thread 0.25" |        |
| CT-838.835    | Assembly Clamp Cello, Blue   | 8.90   |
| CT-838.836    | Assembly Clamp Cello, Red  | 8.90   |
| CT-838.837    | Assembly Clamp Cello, Yellow   | 8.90   |

## CLAMPS - CRACK CLAMPS

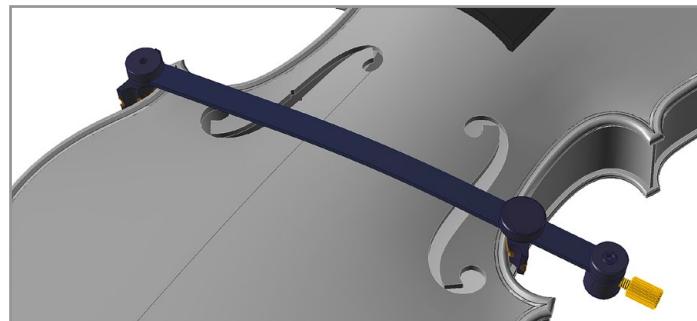
**CORE® Crack Clamps** stand out as the market's most reliable and advanced designs. With these clamps, a luthier can repair a top crack without needing to open the instrument. These clamps can be easily shaped into the desired profile.



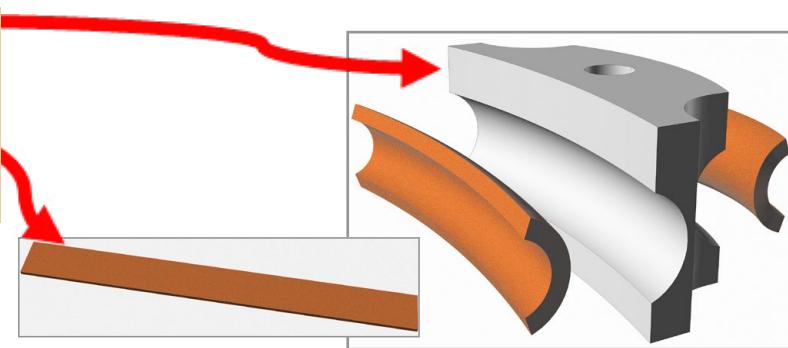
Top crack repair is a common procedure in the luthier's workshop. The most efficient approach involves using a clamp that applies the necessary gluing pressure precisely along the crack edges. The CORE® Repair Clamps are essential tools designed specifically for this purpose.



Both systems are equally applicable for crack repair. The double rod system offers enhanced versatility through its various configurations, while the Alu flat-rod system is characterized by its lightweight construction and compatibility with other tools.

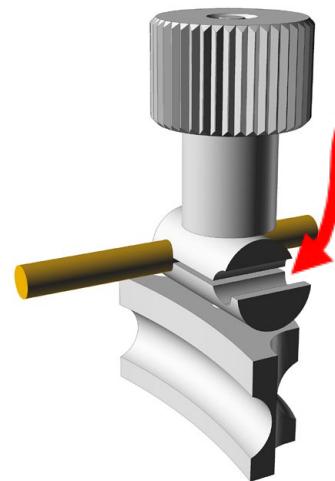


The CORE® Crack Clamps feature a distinctive jaw design, with radii that conform to the outlines of violins and cellos. Additionally, they have grooves designed to accommodate cork protectors. (Cut from self-adhesive cork sheets or straps, CORE items CT-838.863 and CT-838.864)

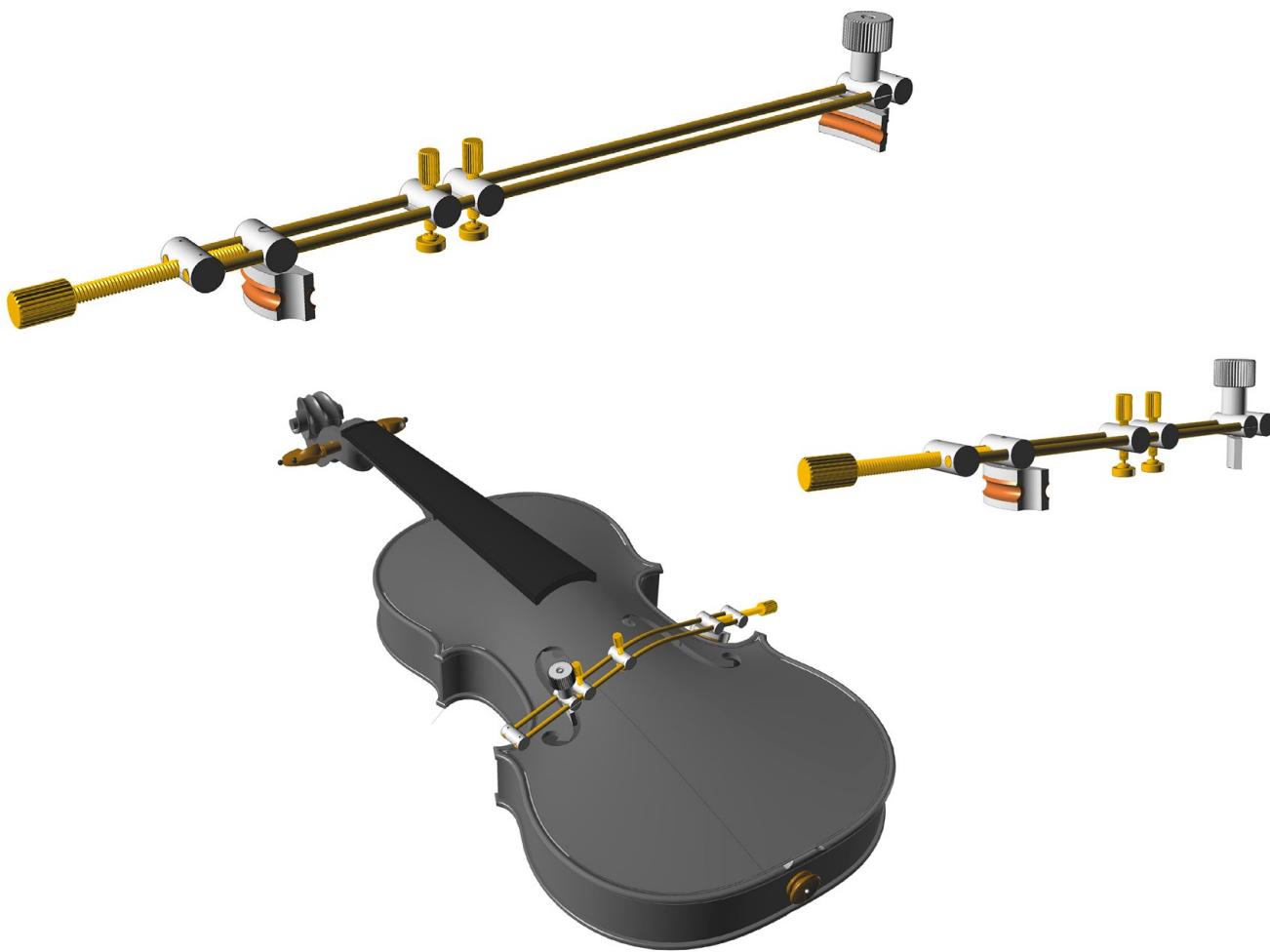


## CLAMPS - CRACK CLAMPS

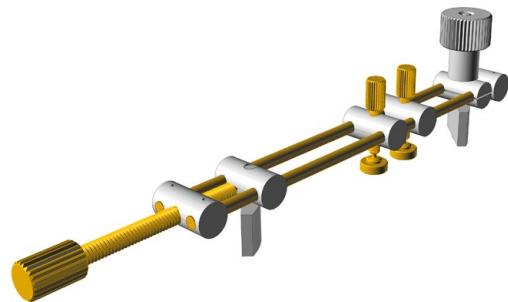
The double rod system is highly versatile, offering various clamp options for instruments such as the cello and double bass. These clamps come in different configurations, including those designed to fit into f-holes, clamps with side actions, and ones with three arms. This system's design allows for flexible adjustment of the jaw width across a range of lengths, and the positioning screws aid in aligning crack edges. (Additional cork pads are available for surface protection).



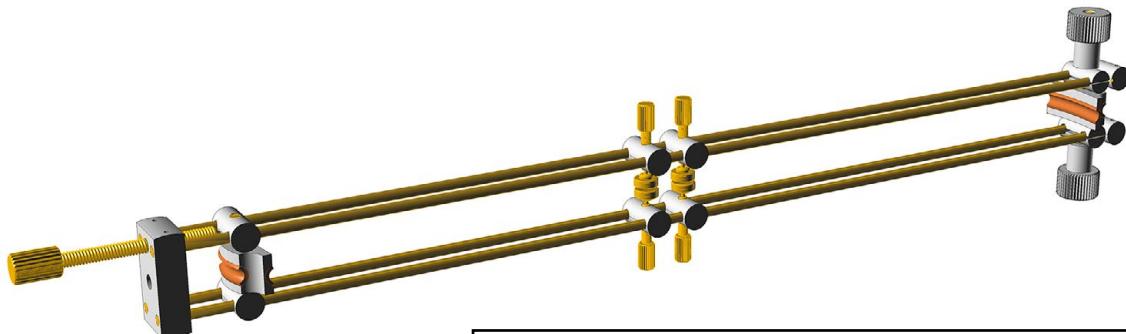
The distinctive feature of CORE® double rod Crack Clamps is the cleverly designed rear jaw locking system. In contrast to numerous imitations, the CORE® design enables smooth jaw rotation, guaranteeing a completely secure lock in its longitudinal position. Thanks to precision CNC machining, there's no requirement for manual adjustments, establishing these clamps as a leading choice in the market.



The double rod system offers impressive versatility with clamps designed for both cello and double bass, along with specialized clamps to fit within f-holes. The positioning screws are included to ensure a precise alignment of crack edges.



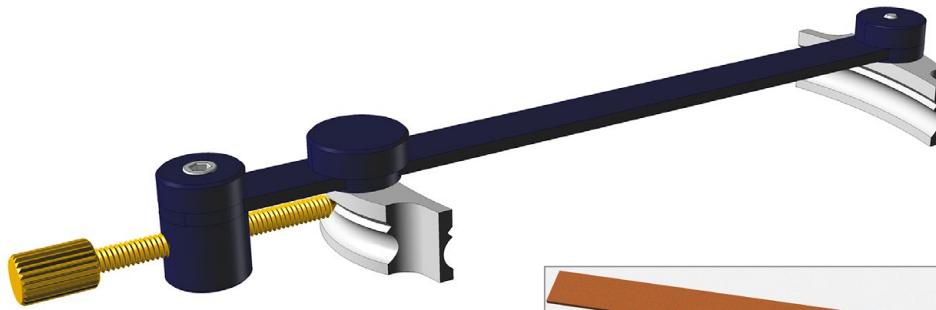
## CLAMPS - CRACK CLAMPS



The design permits adjustment of the jaw width in a wide variety of lengths. Furthermore, the positioning screws serve to align the crack edges accurately.



In contrast, the flat rod system maintains a fixed length. This requires the selection of an appropriately sized clamp for each dimension. The overlapping width spans ensure comprehensive coverage of all potential instrument dimensions. This system offers several key benefits, notably its minimal weight. For instance, violin set clamps weigh in at 12-18 grams. Additionally, it boasts a low clearance, which frees up space for the concurrent use of additional tools when securing the position of the crack edges.



The jaws feature identical profiles, and there's also the option of using a cork sheet to soften the contact between the jaw and the instrument.



## CLAMPS - CRACK CLAMPS

## CRACK CLAMP TWO ROD SYSTEM

Crack clamps with adjustable jaw distance, maximum distance in the item description. Brass screws and rods, Aluminum jaws and moving parts, two positioning screws with swiveling pads.



CT-839.086



CT-839.087



CT-839.089



CT-839.088

IMAGE COMING SOON!

CT-839.090



CT-839.100



CT-839.091



CT-839.093



CT-839.092

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-839.086 | Crack Clamp Violin/Viola 180mm   | 53.76  |
| CT-839.087 | Crack Clamp Violin/Viola 280mm   | 53.76  |
| CT-839.088 | Crack Clamp Cello 300mm  | 64.96  |
| CT-839.089 | Crack Clamp Cello 500mm  | 64.96  |
| CT-839.100 | Crack Clamp Bass 800mm   | 64.96  |
| CT-839.090 | F-Hole Crack Clamp 155mm. The adjustable jaw is designed to fit into an f-hole. Specialized for repairs of cracks originating from f-hole. The maximum jaw distance is 150 mm. Brass screws and rods, Alu jaws and moving parts, two positioning screws with swiveling pads.   | 88.48  |
| CT-839.091 | Double sided repair clamp for violin, 280mm. The crack clamp is designed for use on detached plates. It features positioning screws on both surfaces of the plate to effectively align irregular or warped crack edges. Brass screws and rods, Aluminum jaws and moving parts, two positioning screws with swiveling pads. | 95.20  |
| CT-839.092 | 3-Arm crack Clamp Violin/Viola. The third arm helps to hold the clamp in position, where a straight clamp could not produce enough thrust or would simply slip off. Brass screws and rods, Aluminum jaws and moving parts, two positioning screws with swiveling pads.   | 98.56  |
| CT-839.093 | F-Hole crack clamp, 100mm. Both jaws can be inserted into f-holes. Specialized for repairs of cracks originating from f-hole, opened seams, soundpost cracks etc. Brass screws and rods, Aluminum jaws and moving parts, two positioning screws with swiveling pads.   | 53.76  |

## CLAMPS - ALUMINUM CRACK CLAMPS



CT-839.034



CT-839.036



CT-839.035



CT-839.037



CT-839.039



CT-839.040



CT-839.041



CT-839.042

## ALUMINUM CRACK CLAMPS

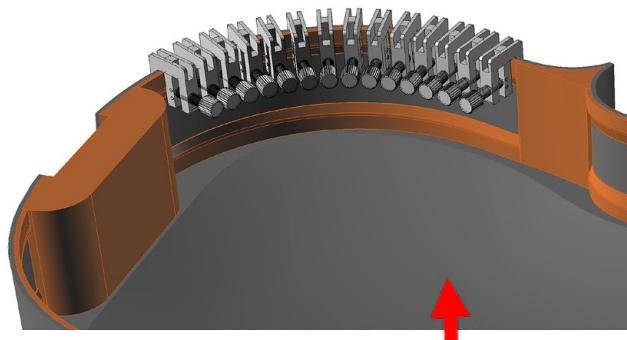
- Flat-rod crack clamp with extra low-weight design
- High-grade aluminium construction
- swiveling jaws
- brass thrust screw

| NO.        | DESCRIPTION                            | \$-NET |
|------------|--|--------|
| CT-839.039 | Aluminum clamp cello 270-330 mm        | 59.36  |
| CT-839.040 | Aluminum clamp cello 320-380 mm        | 59.36  |
| CT-839.041 | Aluminum clamp cello 370-430 mm        | 59.36  |
| CT-839.042 | Aluminum clamp cello 420-480 mm        | 59.36  |
| CT-839.034 | Aluminum clamp violin/viola 110-150 mm | 54.88  |
| CT-839.035 | Aluminum clamp violin/viola 145-185 mm | 54.88  |
| CT-839.036 | Aluminum clamp violin/viola 180-220 mm | 54.88  |
| CT-839.037 | Aluminum clamp violin/viola 215-255 mm | 54.88  |



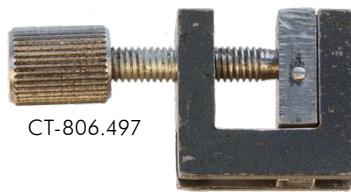
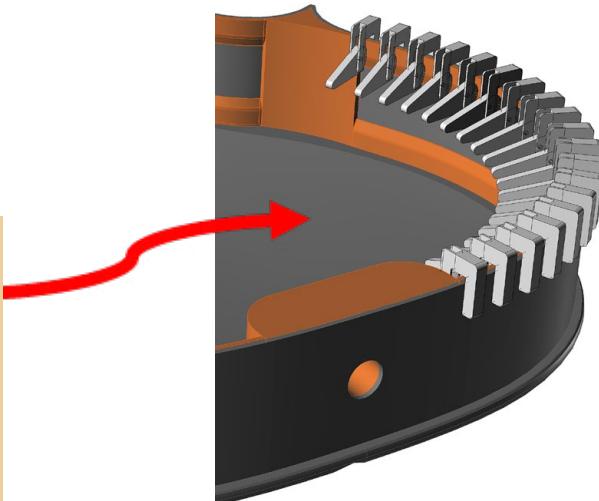
## CLAMPS - LINING CLAMPS

Single-purpose clamps for gluing violin and cello linings.

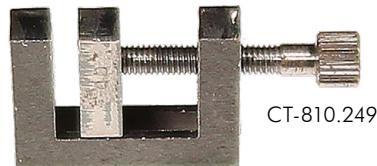


**CORE® Lining Clamps** offer both excellent functionality and affordability. To glue one side of a violin rib-cage, you typically require a set of 40 to 50 pieces. For cellos, a larger quantity of 100-120 pieces is needed.

Gluing the lining requires quick action, with about 20 clamps needed to keep the glue adequately warm during the gluing of one bout. The lever fastening system streamlines this process. To achieve the best results, it's recommended to first secure the lining's position using screw fastening and then quickly attach a set of lever clamps.



CT-806.497



CT-810.249



CT-839.005

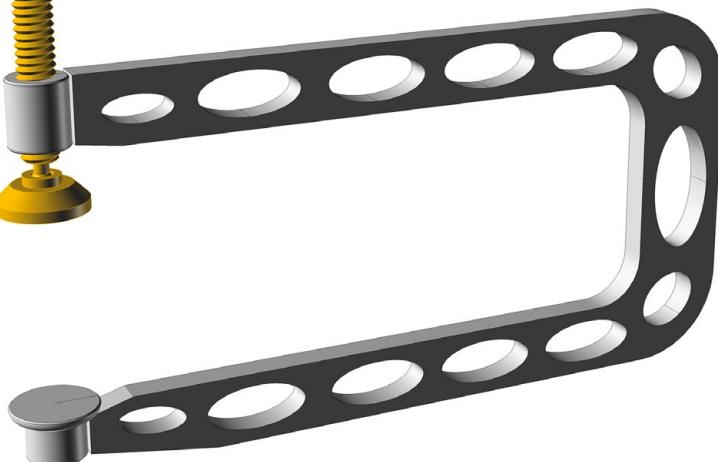


CT-838.503

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-806.497 | Lining Clamp Violin Screw Type. Steel clamp with screw action, violin opening 4.1-2.4 mm. | 7.84   |
| CT-810.249 | Lining Clamp Cello Screw Type. Steel clamp with screw action, cello opening 5.6-4.0 mm    | 11.76  |
| CT-839.005 | Lining Clamp Violin Lever Type. Steel clamp with lever action, violin opening 4.1-2.4 mm. | 8.96   |
| CT-838.503 | Lining Clamp Cello Lever Type. Steel clamp with lever action, cello opening 5.6-4.0 mm.   | 13.44  |

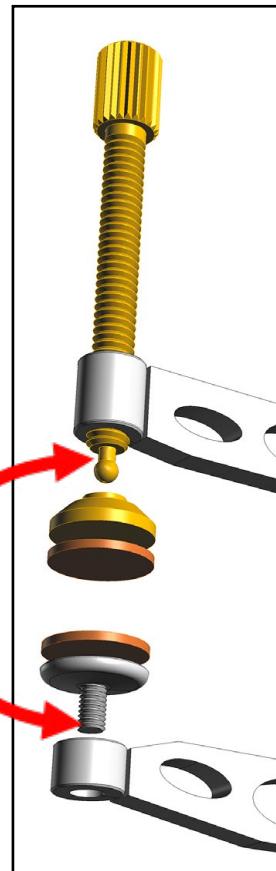
## CLAMPS - REPAIR CLAMPS

Our CORE® Repair Clamps are versatile and can be used in various applications within a luthier's shop. They are lightweight, perfectly horizontal, and have a smooth action-tightening screw.



All CORE® Repair Clamps feature lightweight, optimized construction. The wider shoulder provides enhanced stiffness, and the elliptical cutouts reduce weight by almost 40% compared to a full-bodied design, all while maintaining stiffness.

This tool features a brass screw that ensures a smooth tightening process. It also has a ball end that allows the pad to swivel freely. You can adjust the lower pad's position within a 5 mm range, and both pads can be covered with self-adhesive cork pads when necessary.



The CORE® Tools assortment caters to all the details and needs that a luthier encounters in their daily work. The **SELF-ADHESIVE CORK PADS** are constructed from a durable rubber-cork composition and are coated with a 3M adhesive layer on one side. These pads can be affixed to the clamps' pads when protecting delicate surfaces is necessary. They are available in a variety of diameters to suit your requirements.

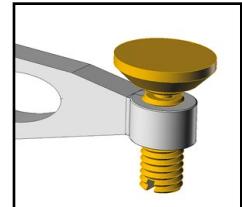
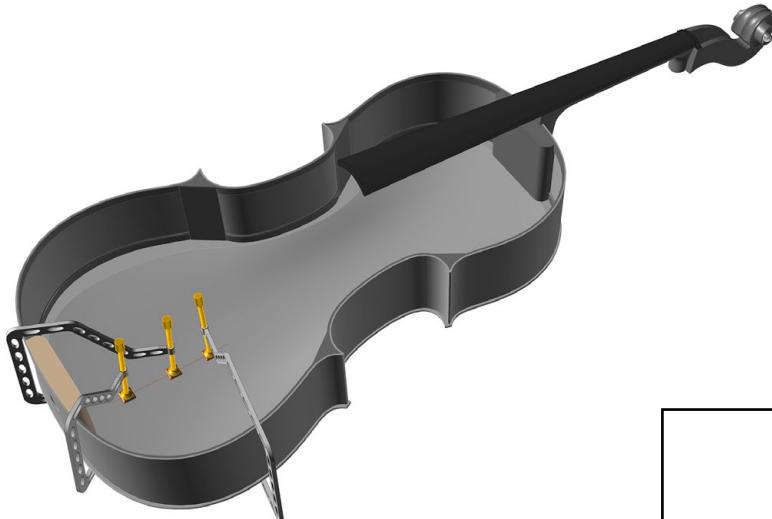


## CLAMPS - REPAIR CLAMPS

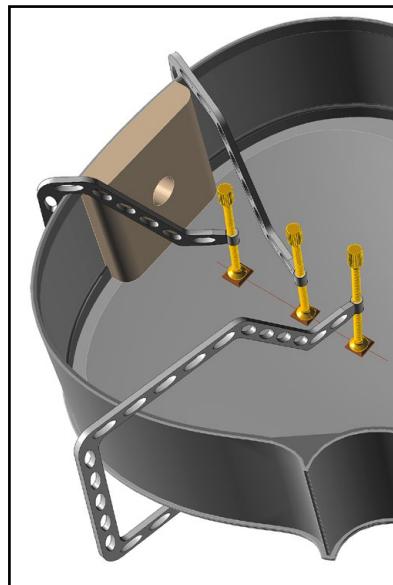


The **CORE® Repair Clamps** come in a diverse range of sizes, with 10 different options available for both depth and opening dimensions. This extensive variety makes them suitable for a wide array of applications on a luthier's workbench. These clamps are consistently lightweight and rigid, making them an essential addition to any workbench drawer. The jaw depth spans from  $\frac{3}{4}$ " to 12".

Our **CORE® Repair Clamps Over the Ribs** are a special design derived from the general-purpose repair clamps. These clamps enable working on the belly of a cello or double bass, without disconnecting the ribs.



The design of **CORE® Over the Ribs Clamps** is tailored specifically for their intended purpose. They feature a  $13\frac{1}{2}$ " clearance to accommodate the rib height and have a 2" opening to ensure stable clamping. Additionally, the lower pad can be replaced with a swivel pad if desired. These clamps are available in three depths and also come in a double bass version.



Every luthier would prefer to avoid the task of disconnecting the ribs from the belly. These clamps simplify tasks like placing and gluing cleats, patching soundpost cracks, and other repairs on the belly while keeping the ribs attached.



## CLAMPS - REPAIR CLAMPS



CT-838.924



CT-838.925



CT-838.926



CT-838.927



CT-838.928



CT-838.929



CT-838.930

## REPAIR CLAMPS

Steel body, brass thrust screw, swiveling brass pad. Dimensions: depth/opening.

| NO.        | DESCRIPTION           | \$-NET |
|------------|-----------------------|--------|
| CT-838.924 | Repair clamp 26/10mm  | 22.29  |
| CT-838.925 | Repair clamp 29/15mm  | 25.20  |
| CT-838.926 | Repair clamp 40/30mm  | 29.12  |
| CT-838.927 | Repair clamp 90/28mm  | 30.24  |
| CT-838.928 | Repair clamp 85/37mm  | 32.48  |
| CT-838.929 | Repair clamp 135/40mm | 33.49  |
| CT-838.930 | Repair clamp 200/40mm | 39.20  |
| CT-838.931 | Repair clamp 50/75mm  | 33.49  |
| CT-838.932 | Repair clamp 150/75mm | 43.68  |
| CT-838.933 | Repair clamp 300/75mm | 54.88  |



CT-838.933



CT-838.931



CT-838.932



4CT-838.861



CT-838.861



## SELF-ADHESIVE RUBBERCORK PADS

Self-adhesive 10-piece packs.

| NO.        | DESCRIPTION           | \$-NET |
|------------|-----------------------|--------|
| CT-838.855 | Rubbercork pad 5mm    | 3.25   |
| CT-838.856 | Rubbercork pad 6mm    | 3.25   |
| CT-838.858 | Rubbercork pad 7mm    | 3.81   |
| CT-838.859 | Rubbercork pad 8mm    | 3.25   |
| CT-838.857 | Rubbercork pad 9mm    | 3.81   |
| CT-838.860 | Rubbercork pad 12mm   | 3.81   |
| CT-838.861 | Rubbercork pad 15mm   | 3.81   |
| CT-838.862 | Rubbercork pad 6x100  | 3.25   |
| CT-838.863 | Rubbercork pad 10x100 | 3.25   |
| CT-838.864 | Rubbercork pad 50x100 | 4.37   |



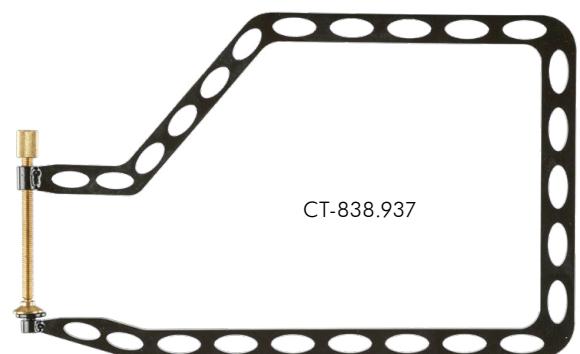
## CLAMPS - REPAIR CLAMPS, OVER THE RIBS



CT-838.935



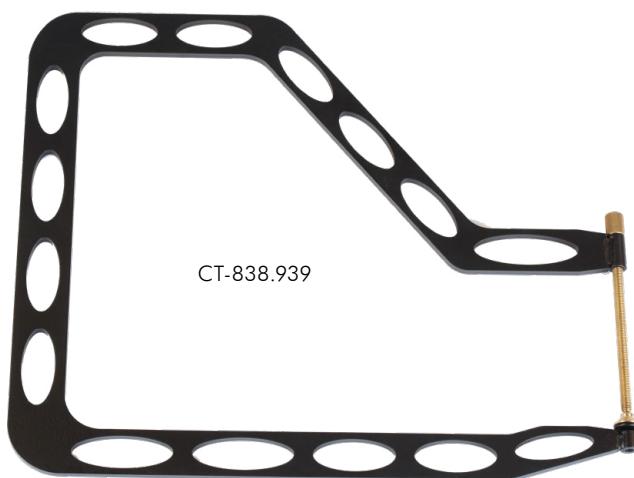
CT-838.936



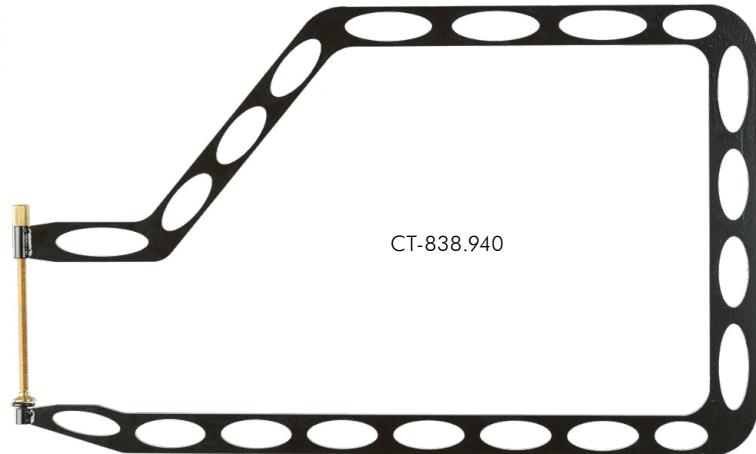
CT-838.937



CT-838.938



CT-838.939



CT-838.940

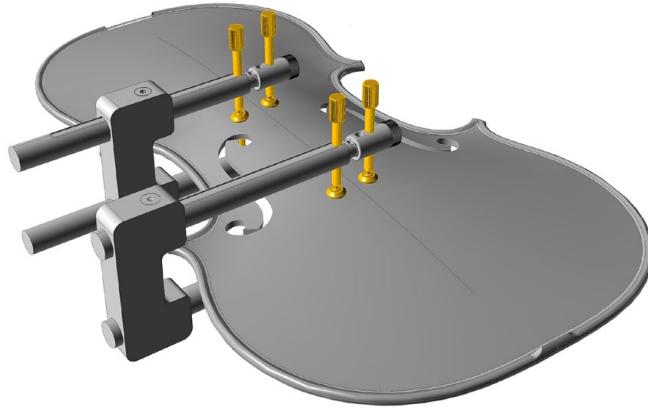
## REPAIR CLAMPS - OVER THE RIBS

Steel body, brass thrust screw, swiveling brass pad. Opening 2", jaw depth in the item description

| NO.        | DESCRIPTION                             | \$-NET |
|------------|---|--------|
| CT-838.935 | Repair Clamp Over The Ribs Cello 122 mm | 50.40  |
| CT-838.936 | Repair Clamp Over The Ribs Cello 175 mm | 50.40  |
| CT-838.937 | Repair Clamp Over The Ribs Cello 244 mm | 50.40  |
| CT-838.938 | Repair Clamp Over The Ribs Bass 210 mm  | 66.08  |
| CT-838.939 | Repair Clamp Over The Ribs Bass 300 mm  | 66.08  |
| CT-838.940 | Repair Clamp Over The Ribs Bass 420 mm  | 72.80  |

## CLAMPS - SPECIAL CRACK CLAMPS

Our CORE® Special Crack Clamps are the preferred choice of luthiers when conducting extensive repairs, specifically addressing detached plates. In situations where the structural integrity of the plate cannot withstand the pressure exerted along its edges, it becomes imperative to employ more specialized clamps.

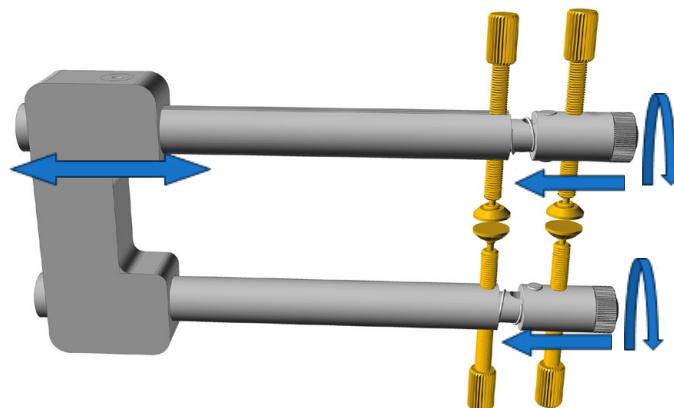


The genuine game-changing feature in CORE® Tools' special crack clamps is the C-Clamp. The fundamental operating principle lies in the movable outer segment of the arm, which can be adjusted toward the stationary end by means of the knurled nut. The securing screws facilitate precise alignment of the crack's edges to achieve an ideal flush position. The adjustable depth capability renders this clamp a versatile, one-size-fits-all tool.

## C-SHAPE REPAIR CLAMP

The CORE® C-shape Clamp is a versatile tool designed for fixing cracks in violin and viola plates. It focuses adhesive pressure on the crack area and can be adjusted for various setups, allowing multiple clamps to be used together for comprehensive repairs.

| NO.        | DESCRIPTION          | \$-NET |
|------------|----------------------|--------|
| CT-839.055 | C-Shape Repair Clamp | 95.20  |

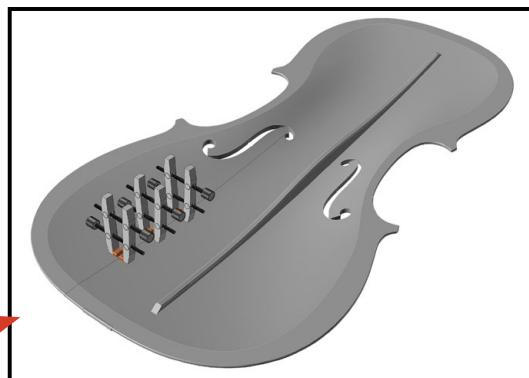


When dealing with a cello top, a different approach is required. Attempting to create a C-clamp-like tool for cellos resulted in a heavy and unwieldy design. Instead, a mini parallel clamp, applied to preinstalled wooden cleats, serves a similar purpose. By adjusting the jaw angle, this clamp effectively aligns the crack edges.

## MINI PARALLEL CLAMP

The CORE® Mini Parallel Clamp is a versatile tool with adjustable jaws for various clamping methods. Weighing approximately 13 grams, it's safe for delicate structures like a cello top, offering both parallel and angled clamping options.

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-808.927 | Mini Parallel Clamp. Steel construction, jaw depth 22m , maximum opening 55mm. | 54.88  |



Repairing an antique instrument requires creativity and the right tools. CORE® crack clamps offer flexibility, allowing you to combine them in different ways to achieve the perfect outcome, similar to having a versatile toolbox at your disposal.



## CLAMPS - SPECIAL CRACK CLAMPS

### EDGE CLAMP

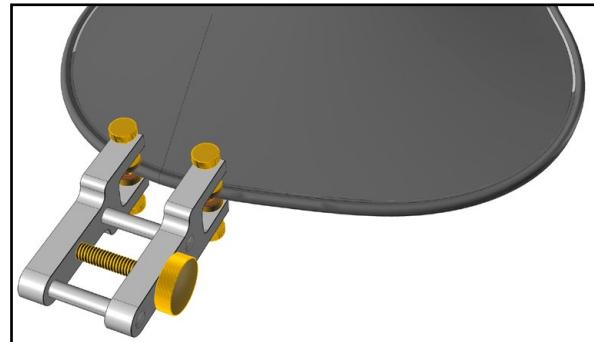
| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-809.056 | Edge clamp. Aluminum construction, brass screws and pads. . Max. opening 6mm. | 133.28 |



CT-809.056



CT-809.138



### MICRO CRACK CLAMP

The CORE® Micro Clamp, weighing only about 5 grams, offers a solution for carefully repairing the top plate of an antique violin using traditional methods. (Allen key not included.)

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-809.138 | Micro Crack Clamp. Weight 5gr, opening 13mm. Steel construction. | 7.73   |

## CLAMPS - LIGHTWEIGHT ALUMINUM CLAMPS

### LIGHTWEIGHT ALUMINUM CLAMPS

Weight is a critical factor when mending a detached top plate or fixing a rib crack on violins, violas, or cellos. Our aluminum lightweight clamps strike a balance, being both light and suitably rigid. This is achieved through the arm's design and the rounded shoulder pattern. Additionally, self-adhesive cork pads are provided to safeguard delicate surfaces during the repair process.

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-809.094 | Aluminum Repair Clamp Jaw Depth/Extension: 85 mm, Jaw Opening: 35 mm  | 24.03  |
| CT-809.095 | Aluminum Repair Clamp Jaw Depth/Extension: 120 mm, Jaw Opening: 35 mm | 25.30  |
| CT-809.096 | Aluminum Repair Clamp Jaw Depth/Extension: 160 mm, Jaw opening: 40 mm | 30.36  |
| CT-809.097 | Aluminum Repair Clamp Jaw Depth/Extension: 200 mm, Jaw opening: 50 mm | 32.89  |



CT-809.096



CT-809.097



CT-809.094



CT-809.095



## SOUNDPOST INSTALLATION TOOLS



CT-803.322

IMAGES COMING SOON!

CT-803.323



CT-803.324



CT-803.326



CT-803.327



CT-803.328

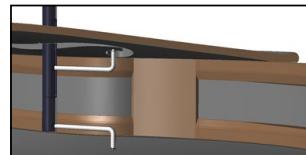
Soundpost setters  
ship flat, unbent.

## SOUNDPOST SETTERS

| NO.        | DESCRIPTION                         | \$-NET |
|------------|-------------------------------------|--------|
| CT-803.322 | Soundpost Setter Duo Violin/Viola   | 11.09  |
| CT-803.323 | Soundpost Setter Duo Cello          | 22.29  |
| CT-803.324 | Soundpost Setter Duo Bass           | 32.48  |
| CT-803.326 | Soundpost Setter Forte Violin/Viola | 13.33  |
| CT-803.327 | Soundpost Setter Forte Cello        | 22.29  |
| CT-803.328 | Soundpost Setter Forte Bass         | 32.48  |



CT-806.407



CT-803.315

## F-HOLE FLAP LIFTERS &amp; INSIDE CALIPERS

Inside calipers are an excellent tool for soundpost installation. By using these, one can significantly reduce the number of failed attempts when installing the soundpost. Repairing might be difficult at times and the most difficult aspect of this technique is leveling both sides of the crack. This operation is made easier by the CORE f-flap lifter.

| NO.        | DESCRIPTION                      | \$-NET |
|------------|----------------------------------|--------|
| CT-806.407 | F-Hole Flap Lifter, Violin/Viola | 24.84  |
| CT-806.408 | F-Hole Flap Lifter, Cello        | 35.71  |
| CT-806.409 | F-Hole Flap Lifter, Bass         | 49.68  |
| CT-803.315 | Inside Caliper, Violin/ Viola    | 34.16  |
| CT-803.316 | Inside Caliper, Cello            | 45.02  |



**STRING LIFTERS**

CT-842.705



CT-842.706



CT-842.707

| NO.        | DESCRIPTION          | \$-NET |
|------------|----------------------|--------|
| CT-842.705 | String Lifter Violin | 66.08  |
| CT-842.706 | String Lifter Cello  | 84.00  |
| CT-842.707 | String Lifter Bass   | 110.88 |

**DRILLING JIGS**

| NO.        | DESCRIPTION                  | \$-NET |
|------------|------------------------------|--------|
| CT-833.321 | Drilling Jig for Violin Pegs | 21.28  |
| CT-833.322 | Drilling Jig for Cello Pegs  | 24.64  |



CT-833.321



CT-833.322

**BRIDGE LEG EXPANDER**

| NO.        | DESCRIPTION         | \$-NET |
|------------|---------------------|--------|
| CT-810.104 | Bridge Leg Expander | 21.74  |

IMAGE COMING SOON!



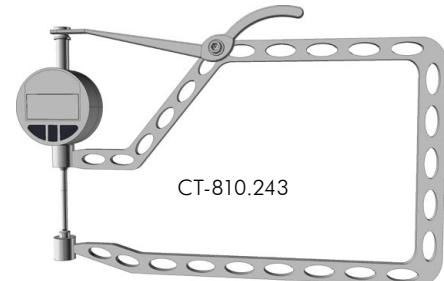
CT-810.104

**FINGERBOARD PADS**

| NO.        | DESCRIPTION                  | \$-NET |
|------------|------------------------------|--------|
| CT-839.014 | Fingerboard Pads Violin, Ash | 15.38  |
| CT-839.015 | Fingerboard Pads Cello, Ash  | 24.69  |

**DIGITAL CALIPER**

| NO.        | DESCRIPTION     | \$-NET |
|------------|-----------------|--------|
| CT-810.243 | Digital Caliper | 278.88 |



CT-810.243

## KNIVES

The CORE® collection of knives and blades features two distinct types of tools:

## 1. Western Style:

Crafted from solid steel, specifically the genuine "VOEST STABIL," advanced tool steel produced in Austria with a carefully proven hardening treatment refined over the years. Hardened to HRC 62-63, the cutting edge of these blades can be easily sharpened to achieve long-lasting sharpness. The steel formula includes Wolfram for enhanced durability. Overall, these blades embody the best European tool-making tradition and are available as bare blades or inserted into an ashwood handle. The most extensive modification is traditionally carved with a single-side bevel.

## 2. Japanese Blades:

These blades have gained fame over the last 50 years in the global market. They are crafted traditionally using 2-layered steel, connecting a tough cutting-edge layer with a milder core. This construction facilitates grinding and honing. The carving of these blades is traditionally one-sided, and they are available in both left and right bevel modifications. Sets of MIKISHA blades and KURI blades are inserted into an ashwood handle.



CT-750.040



CT-750.050



CT-750.041

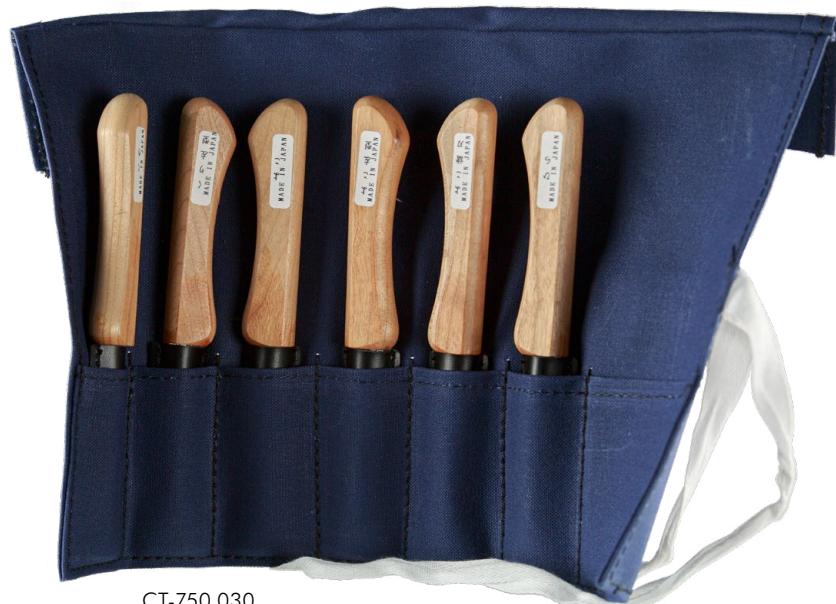


CT-750.051

| NO.        | DESCRIPTION                  | \$-NET |
|------------|------------------------------|--------|
| CT-750.040 | TK066/Kuri Knife Right bevel | 30.13  |
| CT-750.041 | TK999/Kuri Knife Left Bevel  | 33.49  |
| CT-750.050 | TK063/Yoko Knife Right Bevel | 30.13  |
| CT-750.051 | TK999/Yoko Knife Left Bevel  | 33.49  |

## MIKIHISA JAPANESE CARVING KNIVES

| NO.        | DESCRIPTION                     | \$-NET |
|------------|---------------------------------|--------|
| CT-750.030 | Mikikichan Japanese Knives 6pcs | 166.88 |



CT-750.030



## KNIVES



CT-813.574



CT-813.578



CT-813.577



CT-813.579

| NO.        | DESCRIPTION                              | \$-NET |
|------------|--|--------|
| CT-813.574 | Knife 6 mm Both Side Bevel, With Handle  | 32.48  |
| CT-813.575 | Knife 8 mm Both Side Bevel, With Handle  | 32.48  |
| CT-813.576 | Knife 10 mm Both Side Bevel, With Handle | 32.48  |
| CT-813.577 | Knife 12 mm Both Side Bevel, With Handle | 32.48  |
| CT-813.578 | Knife 16 mm Right Bevel, With Handle     | 32.48  |
| CT-813.579 | Knife 16 mm Left Bevel, With Handle      | 32.48  |
| CT-813.580 | Knife Blade 6 mm Both Side Bevel         | 11.33  |
| CT-813.581 | Knife Blade 8 mm Both Side Bevel         | 11.33  |
| CT-813.582 | Knife Blade 10 mm Both Side Bevel        | 13.08  |
| CT-813.583 | Knife Blade 12 mm Both Side Bevel        | 13.08  |
| CT-813.584 | Knife Blade 16 mm Right Bevel            | 11.14  |
| CT-813.585 | Knife Blade 16 mm Left Bevel             | 11.14  |



CT-813.580



CT-813.582



CT-813.583



CT-813.584



CT-813.585

## MIKIHISA JAPANESE CARVING KNIVES

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-750.004 | Mikihisa Japanese Carving Knife 6mm, Right Bevel, Hammered eyes finish. No Handle.  | 22.29  |
| CT-750.005 | Mikihisa Japanese Carving Knife 9mm, Right Bevel, Hammered eyes finish. No Handle.  | 22.29  |
| CT-750.006 | Mikihisa Japanese Carving Knife 12mm, Right Bevel, Hammered eyes finish. No Handle. | 22.29  |
| CT-750.007 | Mikihisa Japanese Carving Knife 18mm, Right Bevel, Hammered eyes finish. No Handle. | 24.53  |
| CT-750.008 | Mikihisa Japanese Carving Knife 6mm Left Bevel, Hammered eyes finish. No Handle.    | 24.53  |
| CT-750.009 | Mikihisa Japanese Carving Knife 9mm Left Bevel, Hammered eyes finish. No Handle.    | 24.53  |
| CT-750.010 | Mikihisa Japanese Carving Knife 12mm Left Bevel, Hammered eyes finish. No Handle.   | 24.53  |
| CT-750.011 | Mikihisa Japanese Carving Knife 18mm Left Bevel, Hammered eyes finish. No Handle.   | 26.77  |



CT-750.004



CT-750.008



CT-750.005



CT-750.009



CT-750.006



CT-750.010



CT-750.007



CT-750.011



## SCRAPERS

IMAGE COMING  
SOON!

CT-806.741



CT-806.742



CT-806.743



CT-806.744



CT-806.745



CT-806.746



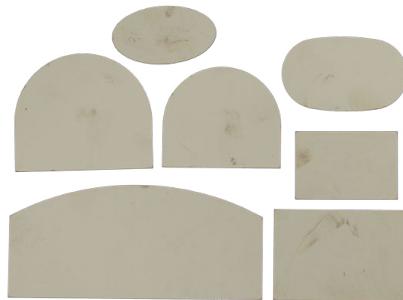
CT-833.704

IMAGE COMING SOON!

CT-833.705



CT-833.714



CT-833.720



CT-833.721



CT-833.739

Within the CORE® selection of scrapers, you'll find two distinct types, each available in a variety of shapes. The traditional **carbon steel** scrapers are crafted from hot rolled steel, a process that imparts a more uniform material structure throughout the thickness. This choice of material enhances the durability of CORE scrapers when compared to those made from cold-rolled steel. Cold rolling, in contrast, leaves the surface layers significantly harder than the volume inside the sheet.

In addition, the **stainless steel** scrapers represent a recent industry advancement. Despite their relatively softer edge compared to carbon steel, the stainless steel variety exhibits significantly greater resistance to wear, resulting in enhanced overall durability. Moreover, their rustproof nature makes these scrapers especially well-suited for specific tasks, such as removing glue from recently bonded surfaces, particularly on the neck and fingerboard, and cleaning the interior of instruments during repairs.

| NO.        | DESCRIPTION                              | \$-NET |
|------------|--|--------|
| CT-806.741 | Scraper 0.30 Carbon Steel                | 4.80   |
| CT-806.742 | Scraper 0.40 Carbon Steel                | 5.17   |
| CT-806.743 | Scraper 0.80 Carbon Steel                | 9.73   |
| CT-806.744 | Scraper 0.25 Stainless Steel             | 4.80   |
| CT-806.745 | Scraper 0.40 Stainless Steel             | 5.17   |
| CT-806.746 | Scraper 0.80 Stainless Steel             | 9.73   |
| CT-833.704 | Scraper Gooseneck Carbon Steel 0.4 mm    | 12.20  |
| CT-833.705 | Scraper Gooseneck Stainless Steel 0.5 mm | 6.04   |
| CT-833.714 | Scraper Set Stainless Steel 0.8 mm       | 30.78  |
| CT-833.720 | Scraper Set Stainless Steel 0.5 mm       | 26.75  |
| CT-833.721 | Scraper Set Carbon Steel 0.8 mm          | 30.78  |
| CT-833.739 | Scraper Set Carbon Steel 0.4 mm          | 26.75  |



## GOUGES

The Western style gouges, constructed from solid steel, specifically the genuine "VOEST STABIL" from Austria, boast advanced tool steel. These gouges undergo a meticulous and proven hardening treatment, achieving a hardness of HRC 62-63 for the cutting edge. The inclusion of Wolfram in the steel formula enhances durability. Overall, these gouges embody the pinnacle of European tool-making tradition and come delivered with an ashwood handle. The blades feature slightly rounded (filleted) edges, facilitating a comfortable grip in the palm for delicate operations.

Japanese gouges have earned their fame over the last 50 years in the global market. The blades of these gouges are crafted in a traditional manner, using 2-layered steel that connects a very hard cutting edge layer with a milder core. This construction eases the processes of grinding and honing. Additionally, the back side of these gouges is traditionally slightly chamfered, further facilitating the grinding and honing processes.



CT-813.310

| NO.        | DESCRIPTION             | \$-NET |
|------------|-------------------------|--------|
| CT-813.310 | Flat Gouges Set 5 Piece | 190.40 |

## CHISELS



| NO.        | DESCRIPTION        | \$-NET |
|------------|--------------------|--------|
| CT-755.001 | Kinari Chisel 3mm  | 54.88  |
| CT-755.002 | Kinari Chisel 6mm  | 54.88  |
| CT-755.003 | Kinari Chisel 9mm  | 54.88  |
| CT-755.004 | Kinari Chisel 12mm | 59.36  |
| CT-755.005 | Kinari Chisel 18mm | 59.36  |

## FILES &amp; RASPS

## HAND-CUT RASPS

CORE Hand-cut Rasps stand as a true masterpiece in European toolmaking. Hand cutting, unparalleled by any machine, ensures the distinctive irregularity of the cutting pattern, resulting in efficient material removal and a cut of superior finesse. This unique approach transforms the rasp into a tool that acts more like a file, maximizing efficiency. Crafted in Europe, these rasps embody the finest material grade and undergo meticulous heat treatment, guaranteeing exceptional quality.

Regarding the cut numbers: cut 1 is finest, cut 10 is coarsest.



CT-807.706

## HAND-CUT RASPS - FLAT

| NO.        | DESCRIPTION                            | \$-NET |
|------------|--|--------|
| CT-807.706 | Hand-cut rasp flat 125 mm, 10x5 cut 5  | 42.56  |
| CT-807.709 | Hand-cut rasp flat 200 mm, 25x5 cut 3  | 60.48  |
| CT-807.710 | Hand-cut rasp flat 200 mm, 25x5 cut 4  | 64.96  |
| CT-807.711 | Hand-cut rasp flat 200 mm, 25x5 cut 5  | 72.80  |
| CT-807.908 | Hand-cut rasp flat 150 mm, 16x4 cut 5  | 50.40  |
| CT-807.911 | Hand-cut rasp flat 200 mm, 20x5 cut 5  | 66.08  |
| CT-807.913 | Hand-cut rasp flat 200 mm, 20x5 cut 10 | 110.88 |



CT-807.936

## HAND-CUT RASPS - HALFRound

| NO.        | DESCRIPTION                                | \$-NET |
|------------|--|--------|
| CT-807.936 | Hand-cut rasp halfround 150 mm, 16x6 cut 5 | 99.68  |
| CT-807.937 | Hand-cut rasp halfround 200 mm, 20x6 cut 5 | 53.76  |
| CT-807.945 | Hand-cut rasp halfround 150 mm, 10x4 cut 5 | 64.96  |
| CT-807.920 | Hand-cut rasp halfround 150 mm, 17x5 cut 5 | 64.96  |
| CT-807.958 | Hand-cut rasp halfround 150 mm, 16x4 cut 3 | 53.76  |
| CT-807.959 | Hand-cut rasp halfround 200 mm, 20x4 cut 3 | 66.08  |
| CT-807.961 | Hand-cut rasp halfround 150 mm, 10x4 cut 3 | 50.40  |



CT-807.957

| NO.        | DESCRIPTION                           | \$-NET |
|------------|---------------------------------------|--------|
| CT-807.957 | Hand-cut rasp flat 150 mm, 16x4 cut 3 | 43.68  |



## FILES &amp; RASPS



CT-807.924

| NO.        | DESCRIPTION                              | \$-NET |
|------------|--|--------|
| CT-807.924 | Hand-cut rasp cabinet 200 mm, 24x5 cut 3 | 64.96  |
| CT-807.925 | Hand-cut rasp cabinet 200 mm, 24x5 cut 4 | 64.96  |
| CT-807.926 | Hand-cut rasp cabinet 200 mm, 24x5 cut 5 | 66.08  |
| CT-807.928 | Hand-cut rasp cabinet 200 mm, 24x5 cut 7 | 88.48  |
| CT-807.931 | Hand-cut rasp cabinet 250 mm, 30x6 cut 4 | 99.68  |



CT-808.297



CT-808.261



CT-808.348



CT-808.265



CT-808.301

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-808.297 | ROUND FILE diameter 2 mm sharp tip, cut 2, length 100 mm      | 9.28   |
| CT-808.261 | ROUND FILE diameter 1.8mm, sharp tip, cut 2, length 140 mm    | 12.35  |
| CT-808.262 | ROUND FILE diameter 3mm, sharp tip, cut 00, length 140 mm     | 7.19   |
| CT-808.348 | ROUND FILE diameter 3mm, sharp tip, cut 0, length 140 mm      | 7.19   |
| CT-808.248 | ROUND FILE dia 3mm, sharp tip, cut 1, length 140 mm           | 7.19   |
| CT-808.264 | ROUND FILE diameter 3.25 mm, sharp tip, cut 00, length 160 mm | 7.82   |
| CT-808.265 | ROUND FILE diameter 3.5 mm, sharp tip, cut 00, length 180 mm  | 8.98   |
| CT-808.266 | ROUND FILE diameter 3.75 mm, sharp tip, cut 00, length 200 mm | 10.17  |
| CT-808.131 | ROUND FILE diameter 3.75 mm, sharp tip, cut 1, length 200 mm  | 10.17  |
| CT-808.301 | ROUND FILE diameter 6mm cut 00 length 215 mm                  | 9.64   |



CT-808.207



CT-808.250



CT-808.349

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-808.207 | FLAT FILE 16x2 mm cut 0, cut length 150 mm               | 18.52  |
| CT-808.210 | FLAT FILE 21x5 mm cut 00, cut length 200 mm              | 23.36  |
| CT-808.211 | FLAT FILE 21x5 mm cut 0, cut length 200 mm               | 24.39  |
| CT-808.227 | HALF ROUND FILE 16x4.5 mm cut length 150 mm              | 33.88  |
| CT-808.233 | HALF ROUND FILE 12x3 mm, cut 00, cut length 100 mm       | 27.03  |
| CT-808.244 | FLAT FILE 5x1.3mm cut 1, length 140 mm                   | 7.19   |
| CT-808.250 | HALF ROUND FILE 5.6x1.8 mm cut 1, length 160 mm          | 10.71  |
| CT-808.349 | FLAT FILE "BARET" shape width 5 mm, cut 0, length 160 mm | 8.98   |
| CT-808.350 | HALF ROUND FILE 5.6x1.8 mm cut 0, length 160 mm          | 9.31   |

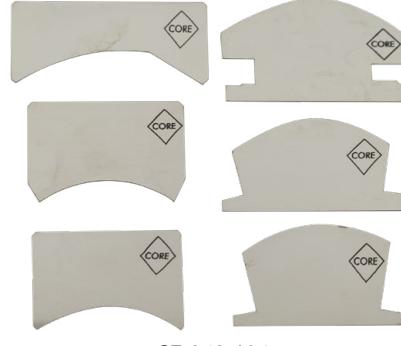


## PATTERNS

The CORE Instrument Templates are meticulously derived from the most reliable sources available, including essential works by Sacconi, Hill, and other esteemed authorities. These templates undergo digital refinement to address wear issues, such as deformation around the soundpost, and to correct any irregularities in the original, ensuring a symmetrical make. The digitally derived arching counterlines represent the pinnacle of fidelity.



CT-842.610



CT-842.604



CT-842.644



CT-842.656

## TEMPLATES

| NO.        | DESCRIPTION                                       | \$-NET |
|------------|---|--------|
| CT-842.623 | Bass Neck Drilling Template                       | 54.88  |
| CT-842.604 | Template Set 6-Piece                              | 20.08  |
| CT-842.607 | Outlines Template Set Guarneri Kreisler 1733      | 42.56  |
| CT-842.608 | Outlines Template Set Strad Mediceo 1716          | 42.56  |
| CT-842.610 | Outlines Template Set Guarneri Kochanski 1741     | 42.56  |
| CT-842.611 | Outlines Template Set Guarneri Plowden 1735       | 42.56  |
| CT-842.617 | Top Archings Templates Guarneri Kreisler 1733     | 16.69  |
| CT-842.619 | Top Archings Templates Strad Mediceo 1716         | 16.69  |
| CT-842.621 | Outlines Template Set Montagnana Jarnacker 1729   | 66.08  |
| CT-842.622 | Outlines Template Set Strad Gore-Booth 1710       | 66.08  |
| CT-842.637 | Outlines Template Set Strad Axelrod 1695 15.5"    | 42.56  |
| CT-842.638 | Outlines Template Set Viola Guadagnini 1798       | 42.56  |
| CT-842.639 | Outlines Template Set Strad Spanish 1694          | 66.08  |
| CT-842.644 | Counterlines Template Guarneri Kreisler 1733      | 39.20  |
| CT-842.645 | Counterlines Template Strad Mediceo 1716          | 39.20  |
| CT-842.646 | Counterlines Template Viola Guadagnini 1798       | 39.20  |
| CT-842.652 | Top Archings Templates Viola Guadagnini 1798      | 16.69  |
| CT-842.653 | Top Archings Templates Montagnana Jarnacker 1729  | 22.29  |
| CT-842.654 | Back Archings Templates Guarneri Kreisler 1733    | 16.69  |
| CT-842.655 | Back Archings Templates Strad Mediceo 1716        | 16.69  |
| CT-842.656 | Back Archings Templates Viola Guadagnini 1798     | 16.69  |
| CT-842.657 | Back Archings Templates Montagnana Jarnacker 1729 | 22.29  |
| CT-842.665 | Top Archings Templates Guarneri Kochanski 1741    | 16.69  |
| CT-842.666 | Back Archings Templates Guarneri Kochanski 1741   | 16.69  |
| CT-842.675 | Top Archings Templates Guarneri Plowden 1735      | 16.69  |
| CT-842.676 | Back Archings Templates Guarneri Plowden 1735     | 16.69  |



## PATTERNS



CT-842.764



CT-842.765



CT-842.766



CT-842.767



CT-842.768



CT-842.769

## ITALIAN RIB MOLDS

| NO.        | DESCRIPTION                               | \$-NET |
|------------|---|--------|
| CT-842.764 | Italian Rib Mold Guarneri Kreisler 1733   | 66.08  |
| CT-842.765 | Italian Rib Mold Guarneri Kochanski 1741  | 66.08  |
| CT-842.766 | Italian Rib Mold Guarneri Plowden 1735    | 66.08  |
| CT-842.767 | Italian Rib Mold Strad Mediceo 1716       | 66.08  |
| CT-842.768 | Italian Rib Mold Strad Axelrod 1695 15.5" | 66.08  |
| CT-842.769 | Italian Rib Mold Guadagnini 1798          | 66.08  |

## PLANES

CORE Luthier Finger planes and fingerboard planes boast solid brass bodies with HSS blades. Despite the slightly more time-consuming process of sharpening the HSS blades, the extended durability of the cutting edge justifies this effort. Available in various sizes and styles, featuring both flat and arched soles, as well as convex soles for fingerboard planning, these finger planes are equipped with a threaded hole in the back for the optional attachment of an auxiliary ball handle, facilitating easier work.



CT-805.770



CT-805.772



CT-805.713



CT-805.768

## FINGER PLANES

CT-805.736

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-805.764 | Plane, curved sole, length 20mm, width 5mm.   | 36.68  |
| CT-805.770 | Plane, flat sole, length 20mm, width 5mm.   | 36.68  |
| CT-805.734 | Plane with wooden wedge, curved sole, length 20mm, width 5mm.                         | 36.68  |
| CT-805.714 | Plane with wooden wedge, flat sole, length 20mm, width 5mm.                           | 36.68  |
| CT-805.765 | Plane, curved sole, length 25mm, width 7mm.   | 36.68  |
| CT-805.771 | Plane, flat sole, length 25mm, width 7mm.   | 36.68  |
| CT-805.788 | Plane with adjustable mouth opening, curved sole, length 25mm, width 7mm.             | 49.33  |
| CT-805.784 | Plane with adjustable mouth opening, flat sole, length 25mm, width 7mm.               | 49.33  |
| CT-805.736 | Plane with wooden wedge, curved sole, length 25mm, width 7mm.                         | 36.68  |
| CT-805.716 | Plane with wooden wedge, flat sole, length 25mm, width 7mm.                           | 36.68  |
| CT-805.766 | Plane, curved sole, length 32mm, width 10mm, with hole.                               | 36.68  |
| CT-805.772 | Plane, flat sole, length 32mm, width 10mm, with hole.                                 | 36.68  |
| CT-805.789 | Plane with adjustable mouth opening, curved sole, length 34mm, width 10mm. With hole. | 61.98  |
| CT-805.785 | Plane with adjustable mouth opening, flat sole, length 34mm, width 10mm. With hole.   | 61.98  |
| CT-805.738 | Plane with wooden wedge, curved sole, length 32mm, width 10mm, with hole.             | 36.68  |
| CT-805.718 | Plane with Wooden wedge, flat sole, length32mm, width 10mm, with hole.                | 36.68  |
| CT-805.767 | Plane, curved sole, length 40mm, width 12mm, with hole.                               | 36.68  |
| CT-805.773 | Plane, flat sole, length 40mm, width 12mm, with hole.                                 | 36.68  |
| CT-805.790 | Plane with adjustable mouth opening, curved sole, length 40mm, width 12mm. With hole  | 61.98  |
| CT-805.786 | Plane with adjustable mouth opening, flat sole, length 40mm, width 12mm. With hole    | 61.98  |
| CT-805.740 | Plane with wooden wedge, curved sole, length 40mm, width 12mm, with hole.             | 36.68  |
| CT-805.720 | Plane with Wooden wedge, flat sole, length40mm, width 12mm, with hole.                | 36.68  |
| CT-805.768 | Plane, curved sole, length 50mm, width 18mm, with hole.                               | 49.33  |
| CT-805.774 | Plane, flat sole, length 50mm, width 18mm, with hole.                                 | 49.33  |
| CT-805.791 | Plane with adjustable mouth opening, curved sole, length 50mm, width 18mm. With hole. | 74.64  |
| CT-805.787 | Plane with adjustable mouth opening, flat sole, length 50mm, width 18mm. With hole.   | 74.64  |
| CT-805.742 | Plane with wooden wedge, curved sole, length 50mm, width 18mm, with hole.             | 49.33  |
| CT-805.722 | Plane with wooden wedge, flat sole, length 50mm, width 18mm, with hole.               | 49.33  |
| CT-805.769 | Plane, curved sole, length 74mm, width 23mm.  | 74.64  |
| CT-805.775 | Plane, flat sole, length 74mm, width 23mm.  | 74.64  |
| CT-805.746 | Plane with wooden wedge, curved sole, length 74mm, width 23mm.                        | 74.64  |
| CT-805.713 | Plane with wooden wedge, flat sole, length 74mm, width 23mm.                          | 74.64  |



## PLANES

## REPLACEMENT BLADES FOR FINGER PLANES

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-805.904 | Replacement blade for finger planes, curved sole, width 5mm  | 6.20   |
| CT-805.737 | Replacement blade for finger planes, curved sole, width 7mm  | 6.20   |
| CT-805.906 | Replacement blade for finger planes, curved sole, width 10mm | 6.20   |
| CT-805.907 | Replacement blade for finger planes, curved sole, width 12mm | 6.20   |
| CT-805.908 | Replacement blade for finger planes, curved sole, width 18mm | 6.20   |
| CT-805.909 | Replacement blade for finger planes, curved sole, width 23mm | 6.20   |
| CT-805.604 | Replacement blade for finger planes, flat sole, width 5mm    | 6.20   |
| CT-805.717 | Replacement blade for finger planes, flat sole, width 7mm    | 6.20   |
| CT-805.606 | Replacement blade for finger planes, flat sole, width 10mm   | 6.20   |
| CT-805.607 | Replacement blade for finger planes, flat sole, width 12mm   | 6.20   |
| CT-805.608 | Replacement blade for finger planes, flat sole, width 18mm   | 6.20   |
| CT-805.609 | Replacement blade for finger planes, flat sole, width 23mm   | 6.20   |
| CT-805.745 | Toothed blade for finger planes, curved sole, width 7mm      | 8.73   |
| CT-806.016 | Toothed blade for finger planes, curved sole, width 10mm     | 8.73   |
| CT-806.017 | Toothed blade for finger planes, curved sole, width 12mm     | 8.73   |
| CT-806.018 | Toothed blade for finger planes, curved sole, width 18mm     | 8.73   |
| CT-805.747 | Toothed blade for finger planes, curved sole, width 23mm     | 8.73   |
| CT-805.744 | Toothed blade for finger planes, flat sole, width 7mm        | 8.73   |
| CT-805.706 | Toothed blade for finger planes, flat sole, width 10mm       | 8.73   |
| CT-805.707 | Toothed blade for finger planes, flat sole, width 12mm       | 8.73   |
| CT-805.708 | Toothed blade for finger planes, flat sole, width 18mm       | 8.73   |
| CT-805.709 | Toothed blade for finger planes, flat sole, width 23mm       | 8.73   |



CT-805.904



CT-805.737



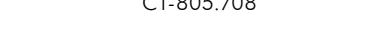
CT-805.907



CT-805.745



CT-805.708



CT-805.709



## BALL HANDLE

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-805.723 | Ball Handle. This is a handle designed for finger planes. It has an M5 threaded end that fits into holes in planes with screw caps and wooden wedges (32, 40, and 50 mm long) and fingerboard planes. The ball-shaped end allows smooth and precise control of the plane while working. You can easily attach and remove it. Plus, the handle's length is adjustable to fit any palm size. | 17.92  |

## OTHER PLANES

| NO.        | DESCRIPTION   | \$-NET |
|------------|---|--------|
| CT-805.759 | Block plane with tongue-shaped handle, body 85*32, blade thickness 2.5mm/width 24mm     | 94.87  |
| CT-805.760 | Replacement blade for block plane with tongue-shaped handle, flat sole, width 24mm.     | 13.91  |
| CT-805.761 | Block plane, body 85*32, blade thickness 2mm/width 24mm                                 | 87.29  |
| CT-805.762 | Replacement blade for block plane, flat sole, width 24mm.                               | 12.52  |
| CT-805.758 | Fingerboard plane, concave arched sole, plane length 50mm, blade width 18mm, with hole. | 61.98  |
| CT-805.711 | Replacement blade for fingerboard plane, width 18mm.                                    | 8.73   |
| CT-805.763 | Fingerboard plane with handle, concave arched sole, body 84*32, blade width 23mm.       | 74.64  |
| CT-805.712 | Replacement blade for fingerboard plane with handle, concave arched sole, width 23mm.   | 8.88   |
| CT-805.733 | Replacement blade for micro-finger plane, curved sole, width 4mm.                       | 6.96   |
| CT-805.752 | Fingerboard block plane, length 135mm, blade width 30mm                                 | 99.94  |
| CT-805.729 | Wooden bow maker's plane, blade width 30mm.   | 74.64  |
| CT-805.719 | Replacement blade for wooden bow maker's plane, blade width 30mm.                       | 15.18  |
| CT-805.753 | Replacement for fingerboard block plane, width 30mm.                                    | 15.18  |



CT-805.759



CT-805.729

## PURFLING ROUTER JIG

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-804.311 | A purfling router jig for the Dremel 3000 Motor with a removable copying routing head. The accurate head allows precise adjustment of routing depth and edge width. Comes with a 1/8" shaft router bit collet. Maximum 10mm distance between ball-bearing edge and router axis | 99.68  |



## RAZORSAWS



| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-760.010 | Razorsaw Blade length 180mm, thickness 0.3mm, tooth spacing 1.5mm                                  | 22.29  |
| CT-760.011 | Razorsaw Blade length 180mm, thickness 0.5mm, tooth spacing 1.5mm                                  | 22.29  |
| CT-760.012 | Razorsaw Blade length 100mm, thickness 0.3mm, tooth spacing 1.0mm                                  | 18.93  |
| CT-760.013 | Razorsaw double Edge Japanese Saw Blade length 125mm, thickness 0.3mm, tooth spacing 1.0mm & 1.3mm | 20.05  |
| CT-760.100 | Replacement blade for CT-760.010. Length 180mm, thickness 0.3mm, tooth spacing 1.5mm               | 13.33  |
| CT-760.111 | Replacement blade for CT-760.011. Length 180mm, thickness 0.5mm, tooth spacing 1.5mm               | 13.33  |



## MISCELLANEOUS VIOLIN MAKER'S TOOLS



CT-807.135



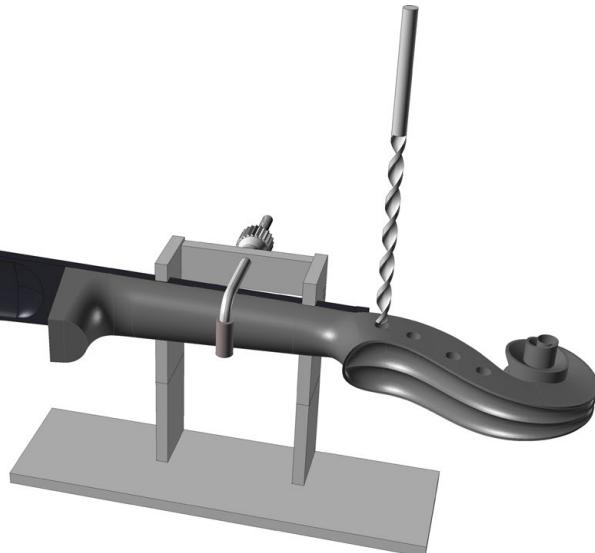
CT-807.136



CT-809.034



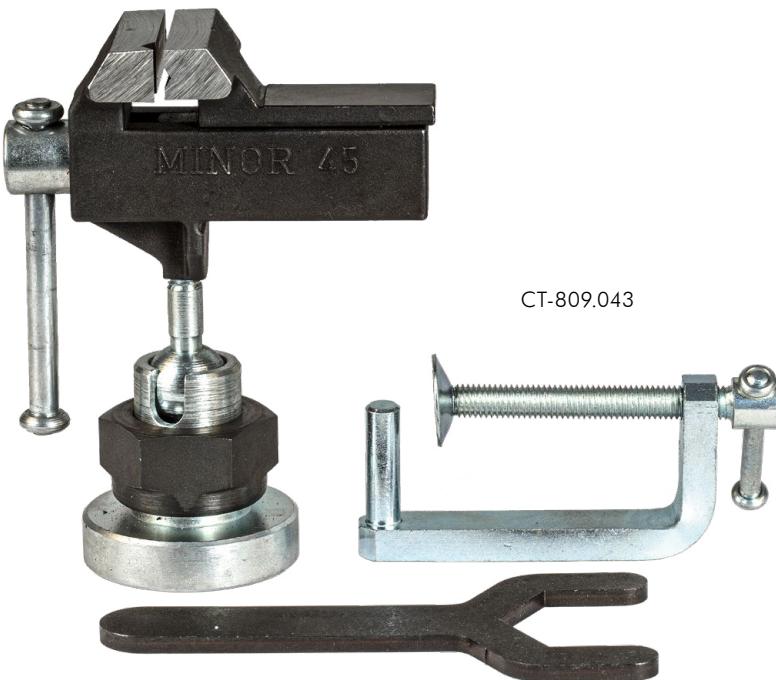
CT-807.138



## VIOLIN MAKER'S TOOLS

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-807.135 | Violin maker's work base violin with 5 adjustable side supports: 2 upper bout, 2 lower bout, 1 lower block. The Luthier's Bowl, a tool well-known to every maker, is enhanced with a ball-head mount for effortless use, streamlining the arching creation process.  | 99.94  |
| CT-807.136 | Violin maker's work base cello with 5 adjustable side supports: 2 upper bout, 2 lower bout, 1 lower block.   | 251.73 |
| CT-809.034 | Ball mount for luthier's work base.  | 110.88 |
| CT-807.138 | Drilling jig for violin neck. Simplify the process of drilling holes into the peg-box with the CORE Drilling Jig. Ensuring proper direction and position, the jig aligns the neck's axis perfectly perpendicular to the vertical axis of the drilling bit. Particularly useful for re-drilling holes after the installation of bushings. | 99.68  |

## MISCELLANEOUS VIOLIN MAKER'S TOOLS



CT-809.043



CT-810.208

## VIOLIN MAKER'S TOOLS

| NO.        | DESCRIPTION  | \$-NET |
|------------|--|--------|
| CT-809.043 | Bench mounted mini vice with ball hinge. A miniature vise, easily mountable and dismountable from the workbench, facilitates comfortable work on saddles, bridges, and other small and delicate parts. | 99.68  |
| CT-810.208 | Neck Projection Gauge  | 88.48  |



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## AMERICAN MADE PEG HOLE REAMERS

| no.    | description | \$-net |
|--------|-------------|--------|
| 730500 | Violin      | 91.80  |
| 730600 | Cello       | 177.30 |



730500



730600

## AMERICAN PEG SHAPERS

Adjustable shapers, cuts all sizes from 1/4 - 4/4 violin & viola. Cello shaper cuts all size Cellos

| no.    | description | \$-net |
|--------|-------------|--------|
| 730105 | Violin      | 126.00 |
| 730205 | Cello       | 171.00 |



730105



230



231

## BLADES FOR AMERICAN MADE PEG SHAPERS

| no. | description                | \$-net |
|-----|----------------------------|--------|
| 230 | Violin, for American model | 18.00  |
| 231 | Cello, for American model  | 27.00  |

## MORE REAMERS, TAPER PIN, DRILL BIT, ROUTER

| no.                              | description  | \$-net |
|----------------------------------|--|--------|
| 730525                           | <b>Taper pin</b> , or burnisher, for peg hole bushing - violin. Taper 1/20, Ø 10.0 mm - 4.5 mm, length 165 mm. | 77.95  |
| 735666                           | Spiral <b>peg hole reamer</b> , violin/viola.  | 126.00 |
| 735666T                          | <b>Peg hole reamer</b> . Like above, with TiN coating.   | 126.00 |
| SEE PAGE H-5 FOR ELECTRIC ROUTER |  |        |



730525

735666-T

## MORE SHAPERS &amp; REAMERS

| item #   | description   | \$-net              |
|----------|---|---------------------|
| GW466005 | Peg reamer, violin. Taper 1:30. Three cutting edges, cut length 135 mm. Ø 5.5 - 9.5 mm.     | 115.78              |
| GW465950 | Peg reamer, cello. Taper 1:25. Three cutting edges, cut length 200 mm. Ø 8.0 - 16.0 mm.     | 115.78              |
| GW466048 | Peg reamer, cello. Taper 1:25. Three cutting edges, cut length 195 mm. Ø 10.0 - 16.5 mm.    | 173.67              |
| GW466060 | Endpin reamer, cello. Taper 1:17. Three cutting edges, cut length 160 mm. Ø 16.0 - 25.5 mm. | 290.50              |
| GW466100 | Peg shaper, violin. Taper 1:30. Ø 7.5 - 9.2 mm, cut length 50                               | <b>DISCONTINUED</b> |
| GW466101 | Replacement blade for #GW466100, above.   | 70.17               |

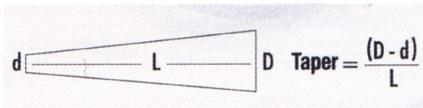


GW466101



**HERDIM**  
**PEG SHAPERS**
**ALL TOOL PRICES ARE NET!!**

The seven models we offer each feature a range of peg hole sizes, allowing them to cover the whole range of peg sizes, from the smallest violin to the largest cello. The brass bodies are fitted with double-sided blades which display high cutting performance and excellent edge-holding properties. Re-sharpening of the blades is not recommended due to the differential hardening of the cutting edges. The soft plastic case provides a comfortable, non-slip grip. All peg shapers come with instructions for use and a key for adjusting the blade.


**VIOLIN STANDARD, TAPER 1/30**  
**(Matching reamer #s: 730502, 730512, 730522, 730532)**

For 3/4 - 4/4 Violin/Viola.  
 Length of the holes: 50 mm.  
 Size (thick end): 8.0 / 8.5 / 9.0 / 9.5 mm.  
 Weight: 540 g.

no. \$-net  
 730102 236.81

**VIOLIN SMALL, TAPER 1/30**  
**(Matching reamer #s: 730501, 730511, 730524, 730531)**

For 1/16 - 3/4 Violin.  
 Length of the holes: 50 mm.  
 Size (thick end): 6.0 / 6.5 / 7.0 / 7.5 mm.  
 Weight: 590 g.

no. \$-net  
 730101 239.04

**VIOLIN IRREGULAR, TAPER 1/20**  
**(Matching reamer #s 730503, 703513, 703523, 703533)**

For 1/8 - 4/4 Violin/Viola.  
 Length of the holes: 50 mm.  
 Size (thick end): 7.25 / 8.0 / 8.75 / 9.5 mm.  
 Weight: 560 g.

no. \$-net  
 730103 193.98

**SPARE BLADES FOR**  
**HERDIM PEG SHAPERS**

Heavier, best quality carbon steel, tempered to extreme hardness, two cutting edges.

| no.    | description                        | \$-net |
|--------|------------------------------------|--------|
| 730100 | for violin, #s 730101-103 & 730800 | 6.77   |
| 730200 | for cello, #s 730201-204 & 730801  | 8.09   |
| 730109 | for violin, #s 730101-103 & 730800 | 19.14  |
| 730209 | for cello, #s 730201-204 & 730801  | 22.77  |



730100



730200



730109



730209

**CELLO SMALL, TAPER 1/25**  
**(Matching reamer #s: 730601, 730611, 730621, 730631, 730505)**

For 1/8 - 1/4 Cello & Violin.  
 Length of the holes: 80 mm.  
 Size (thick end): 10.75 / 11.5 mm.  
 Weight: 690 g.

no. \$-net  
 730201 209.77

**CELLO MEDIUM, TAPER 1/25**  
**(Matching reamer #s: 730601, 730611, 730621, 730631)**

For 1/4 - 3/4 Cello.  
 Length of the holes: 80 mm.  
 Size (thick end): 12.25 / 13.0 mm.  
 Weight: 640 g.

no. \$-net  
 730202 209.76

**CELLO LARGE, TAPER 1/25**  
**(Matching reamer #s 730601, 730611, 730621, 730631)**

For 3/4 - 4/4 Cello.  
 Length of the holes: 80 mm.  
 Size (thick end): 13.75 / 14.5 mm.  
 Weight: 600 g.

no. \$-net  
 730203 209.76

**LUTE / VIOLA DA GAMBA, TAPER 1/25**  
**(Matching reamer # 730505)**

For Lute and Viola da Gamba.  
 Length of the holes: 80 mm.  
 Size (thick end): 9.2 / 7.7 mm.  
 Weight: 600 g.

no. \$-net  
 730204 209.76

**"HERDIM" MULTI PEG SHAPER**

The "HERDIM" MULTI is the most sophisticated peg shaper for professional restoration. By adjustment of diameter and taper pegs can be shaped to match given peghole sizes. Less or no trimming of the peg hole saves working time and - even more important - saves the scroll substance. Also ideal for trimming peghole bushings and for historical instruments.

Separate adjustment nuts for taper and diameter. Machined in ultimate precision from aircraft aluminum alloy, anodized. Razor-like one-way blades for a perfectly smooth surface. Satisfaction guaranteed!  
 Taper: 1/15 - 1/100.

| no.    | description                                    | \$-net |
|--------|--|--------|
| 730800 | Violin / viola, Ø 6.0 - 12.0 mm, length 50 mm. | 504.09 |
| 730801 | Cello, Ø 10.0 - 15.0 mm, length 80 mm.         | 671.79 |

**PEGBOX REPAIR TOOL KIT**

Alternate method for repairing pegbox cracks. Precise circular saw with centering sleeves for installing brass ring around problem area. Reinforces without cheek graft. Kit includes tools and 10 brass rings. In attractive wooden box.

no. \$-net  
 470002 360.17



Spare parts:

| no.        | description      | \$-net |
|------------|------------------|--------|
| 470002-RVC | Rings for cello  | 1.70   |
| 470002-RVN | Rings for violin | 1.30   |

**WITTNER PEG SHAPER KIT**

For violin & viola. 7.0 mm - 9.4 mm.  
 Cone - 1:20, 1:25, 1:30. Width of blade - 51 mm. Use with Wittner Ultra Pegs, or with any wooden pegs. Ø 0.275" - 0.370".

| no.    | description             | \$-net |
|--------|-------------------------|--------|
| 730111 | Wittner peg shaper kit. | 195.81 |
| 278    | (2) replacement blades. | 65.31  |



## HERDIM PEG HOLE REAMERS

## NEW LOWER PRICES !!

## ALL TOOL PRICES ARE NET!!

For trimming and finishing peg holes. Made of high-speed steel (hardened to 62 RC), the cutting edge is abrasion resistant even under excessive use. Our Peghole Reamers come with 3 cutting edges only, which is best for achieving perfectly round holes. Together with our Peg Shapers they give you a precise fit of pegs and peg holes.

**Straight cutting edges** are particularly sharp and guarantee perfectly round holes.

**Spiral cutting edges** allow for previously unheard of cutting quality. The wood fibers are at an angle which makes these reamers completely chatter-free, ensuring perfectly round holes. This is especially important for old instruments with very hard medullary rays and sensitive peg-box walls. Polished rosewood handles.

**TiN Coating** (titanium-nitride) provides a three-fold improvement in the reamer's edge life, protects it from corrosion and reduces friction during use. By allowing a smoother and gentler cut, it also reduces the stress placed on the pegbox. The sharpness is not affected by the coating in any way.

**VIOLIN PEG HOLE REAMERS (VIOLA TO 1/2 SIZE VIOLIN)**  
**STANDARD TAPER 1/30 (Matching Shaper: #730102)**

| no.    | description  | \$-net |
|--------|--|--------|
| 730502 | Violin Standard, Taper 1/30 Ø 5.5/10mm, length 135 mm. | 108.60 |
| 730512 | TiN-coated Violin Standard                             | 134.38 |
| 730413 | Herdim Violin Standard, TiN-coated, taper 1/30.        | 162.44 |
| 730522 | Normal, standard violin/viola, <b>spiral</b> .         | 121.35 |
| 730532 | TiN-coated, standard violin/viola, <b>spiral</b> .     | 145.28 |



**VIOLIN PEG HOLE REAMERS (1/2 - 1/16 SIZE VIOLIN)**  
**SMALL TAPER 1/30 (Matching Shaper: #730101)**

| no.    | description  | \$-net |
|--------|--|--------|
| 730501 | Violin Small, Taper 1/30 Ø 4.0/7.5mm, length 105 mm. | 90.52  |
| 730511 | TiN-coated Violin Small.                             | 114.97 |
| 730524 | Normal, small violin, <b>spiral</b> .                | 105.41 |
| 730531 | TiN-coated, small violin, <b>spiral</b> .            | 124.20 |



**VIOLIN PEG HOLE REAMERS (VIOLA TO 1/2 SIZE VIOLIN)**  
**IRREGULAR TAPER 1/20 (Matching Shaper: #730103)**

| no.    | description   | \$-net |
|--------|---|--------|
| 730503 | Violin, Taper 1/20 (irregular) Ø 3.5/10mm, length 130 mm. | 112.84 |
| 730513 | TiN-coated, irregular violin.                             | 133.92 |
| 730523 | Normal, 1/20 irregular violin, <b>spiral</b> .            | 133.92 |
| 730533 | TiN-coated, 1/20 irregular violin, <b>spiral</b> .        | 136.95 |



**CELLO PEG HOLE REAMERS,**  
**(Matching Shaper: #730201-03 & 730801)**

| no.    | description                                      | \$-net |
|--------|--|--------|
| 730601 | Cello, Taper 1/25 Ø 8/16mm, length 200 mm.       | 161.38 |
| 730621 | Normal, 1/25 standard cello, <b>spiral</b> .     | 189.21 |
| 730631 | TiN-coated, 1/25 standard cello, <b>spiral</b> . | 231.00 |

| REAMER HANDLES |  |        |
|----------------|--|--------|
| no.            | description  | \$-net |
| 700396         | Rosewood, for reamers with hexagonal shaft, knob shape, Ø 40 mm.   | 11.96  |
| 700398         | Rosewood, for reamers with hexagonal shaft, spindle shape, violin. | 21.80  |
| 700399         | Boxwood, for reamers with hexagonal shaft, spindle shape, cello.   | 29.15  |

**LUTE / VIOLA PEG HOLE REAMERS,**  
**(Matching Shaper: #730601)**

| no.    | description          | \$-net |
|--------|----------------------|--------|
| 730505 | Lute peghole reamer. | 178.22 |

**HERDIM TAPER PINS**

Taper pins are for setting ring-shaped peg hole bushings and for smoothing the surfaces of the holes. Made of tool steel with precision-ground conical pin.

| no.    | description  | \$-net |
|--------|--|--------|
| 730521 | Violin, taper 1/30, 10 X 4.5 mm diameter, length 165 mm. | 77.95  |
| 730622 | Cello, taper 1/25, 15 X 6 mm diameter, length 225 mm.    | 184.60 |



**HERDIM ENDPIN REAMERS**

Herdim Endpin Reamers come in longer sizes to cover a wider span of endpin diameters and allow more varied use. The Cello Endpin Reamer which overlaps with the Peghole Reamer may also be used for enlarging peg holes for bushings. All reamers are made of high speed steel, tempered to HRC 61, for a sharp and durable cutting edge.

**CELLO ENDPIN REAMERS**

Taper 1/17, Ø 15.0/27.5 mm, length 212.5 mm.  
(also suited for cello peghole bushings).

| no.    | description         | \$-net |
|--------|---------------------|--------|
| 730701 | Straight, uncoated. | 288.95 |
| 730721 | Spiral, uncoated.   | 295.14 |
| 730731 | Spiral, TiN coated. | 379.47 |

**BASS ENDPIN REAMERS**

Taper 1/17, Ø 23.0/36.0 mm, length 221 mm.

| no.    | description         | \$-net |
|--------|---------------------|--------|
| 730702 | Straight, uncoated. | 421.63 |
| 730732 | Spiral, TiN-coated. | 626.25 |

**BASS ENDPIN REAMER, OVERSIZED**

For bushings.

Taper 1/17, Ø 46.0/33.0 mm, length 221 mm.

| no.    | description         | \$-net |
|--------|---------------------|--------|
| 730722 | Spiral, TiN coated. | 891.80 |

**CELLO / BASS ENDPIN REAMER**

Combination cello & bass reamer.

Taper 1/17, Ø 39.0/20.0 mm, length 323 mm.

| no.    | description         | \$-net |
|--------|---------------------|--------|
| 730703 | Straight, uncoated. | 860.26 |

**HERDIM STOP RING  
FOR PEGHOLE REAMER**

| no.    | \$-net |
|--------|--------|
| 730431 | 6.77   |

**ORDER ONLINE !!**  
[www.howardcore.com](http://www.howardcore.com)

**AMERICAN MADE CELLO ENDPIN REAMER**

| no.    | description                                     | \$-net |
|--------|---|--------|
| 730700 | Cello endpin reamer. Taper 1:17, length 200 mm. | 270.00 |

**HERDIM STOP RING  
FOR PEGHOLE REAMER**

| no.    | \$-net |
|--------|--------|
| 730431 | 6.77   |

**ROUTER**

| item #   | description  | \$-net |
|----------|--|--------|
| GW481902 | Portable router. Perfect for milling out purfling channel. Includes two cutter bits (1.5 mm & 2.0 mm), and adjustable catch (3.5. - 5.5mm). 110 V. | 395.00 |
| GW481903 | Replacement bit - 1.5 mm.  | 22.45  |
| GW481905 | Replacement bit - 2.5 mm.  | 22.45  |



**Cremona Tools Available - Please Call !!**



## SHARPENING STONES

| no.    | grit   | size in mm    | \$-net |
|--------|--|---------------|--------|
| 711001 | "King" 800 Sharpening                                    | 207 x 66 x 34 | 43.40  |
| 711002 | "King" 1200 Sharpening                                   | 207 x 66 x 34 | 43.73  |
| 711004 | "King" 8000 Honing                                       | 185 x 62 x 19 | 94.51  |
| 711005 | "King" combination stone; 1000/6000 - Grinding/finishing | 205 x 50 x 25 | 60.83  |
| 705366 | Diamond sharpening stone                                 |               | 91.18  |
| 711546 | Cerax combination stone 1000/6000, with base.            | 183 x 63 x 32 | 109.28 |



711001 711005



711546

## BELGIAN WHETSTONES

| no.    | size in mm    | \$-net |
|--------|---------------|--------|
| 705556 | 150 x 40 x 20 | 139.95 |
| 705557 | 75 x 30 x 20  | 25.71  |



705557

705556

## HONING CONE

| no.    | description  | \$-net |
|--------|--|--------|
| 705393 | Cone-shape, fine grit half-round diamond coated sharpener. Out-side coated only. Ø 9.5 - 19.3 mm. Length 152 mm. | 62.61  |



705393

## NAGURA STONE CONDITIONER

| no.    | description   | \$-net |
|--------|---|--------|
| 711302 | Synthetic stone for cleaning and unclogging the surface of the sharpening stones and for creating a fine polishing paste. | 10.44  |



## CHOPPING KNIFE

| item #   | description   | \$-net |
|----------|---|--------|
| GW481300 | Chopping knife with leather handle. 22.5 cm length. | 35.28  |



GW481300

## JAPANESE KNIVES (KOGATANA DELUXE)

Japanese cutters of fine quality laminated steel, easier to resharpen and less brittle than "Western" cutters. The blade is tempered to a hardness of 60° - 61° Rockwell and trimmed to a razor-like cutting edge. The beveling is either on both sides for versatile application or on one side only. The one-sided bevel should be preferred if extreme cutting precision is demanded (i.e. veneer of inlay work or marking cuts).

Kogatana come without handles. We recommend to wrap the blades with, according to Japanese habit, a leather strip or fix a slim wooden handle.

These are hand forged by master Shozo Ikeuchi Lo in traditional style. By multiple folding of the steel a "woodgrain" pattern is achieved ("Damascus" steel) and the strength and durability of the blade is considerably improved.



| width | bevel: both sided |        | bevel: left |        | bevel: right |        |
|-------|-------------------|--------|-------------|--------|--------------|--------|
|       | no.               | \$-net | no.         | \$-net | no.          | \$-net |
| 18 mm | 710501            | 111.43 | -----       | -----  | -----        | -----  |
| 15 mm | 710506            | 95.49  | -----       | -----  | -----        | -----  |
| 12 mm | 710502            | 113.68 | -----       | -----  | -----        | -----  |
| 6 mm  | 710504            | 96.26  | -----       | -----  | -----        | -----  |
| 3 mm  | 710505            | 95.49  | 710515      | 88.62  | -----        | -----  |

## JAPANESE CARVING KNIFE SET

| item # | description   | \$-net |
|--------|---|--------|
| TL-16S | Japanese carving knife set - six knives. Includes right-, left-, and double-bevel 30 mm blade knives, right- and left-bevel 60 mm blade knives, and 12 mm flat chisel. Overall length approximately 150 mm. Leather sheaths, in canvas pouch. | 227.70 |



## HERDIM HSS WOODWORKING KNIVES

HRC 65 steel. 2 mm thick, 160 mm length.

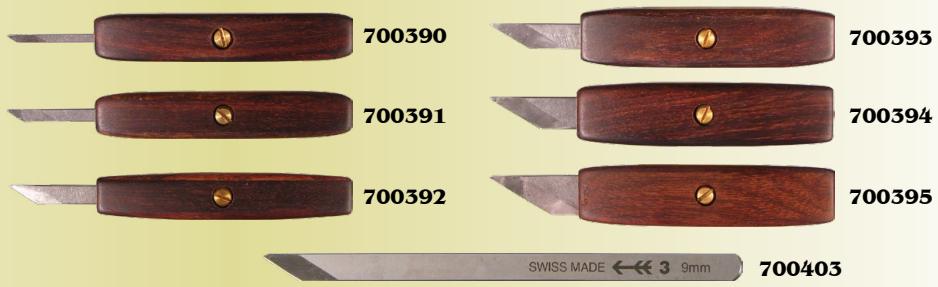
| no.    | width | \$-net |
|--------|-------|--------|
| 700371 | 6 mm  | 28.39  |
| 700373 | 8 mm  | 31.31  |
| 700375 | 15 mm | 38.80  |



## PFEIL WOODWORKING KNIVES

Made of alloyed Swiss steel. Approx. 59-60 HRC, double bevel. Length 160 mm, blade thickness 2 mm. Rosewood handle.

| no.    | width               | \$-net |
|--------|---------------------|--------|
| 700390 | 3.5 mm              | 45.43  |
| 700391 | 6 mm                | 45.43  |
| 700392 | 9 mm                | 45.43  |
| 700393 | 12 mm               | 45.43  |
| 700394 | 15 mm               | 45.43  |
| 700395 | 19 mm               | 60.98  |
| 700401 | 3.5 mm - blade only | 22.39  |
| 700403 | 9 mm - blade only   | 22.39  |



## SABATIER WOODWORKING KNIVES

Sabatier is one of the oldest manufacturers of knives and other high-performance cutting tools in France. The blades of these knives are made of XC 100 stainless surgical steel, hardened to approximately 62 RC, and come sharpened and ready to use. The tapered, polished Macassar ebony handles are securely held in place by brass rivets. Blade length 70 mm, overall length 180 mm, blade width approximately 24 mm.

| no.    | description                          | \$-net |
|--------|--------------------------------------|--------|
| 700411 | Double bevel                         | 61.79  |
| 700412 | Right bevel (for left-handed users). | 61.79  |
| 700413 | Left bevel (for right-handed users). | 61.63  |



## SEAM SEPARATION KNIFE

| no.  | description   | \$-net |
|------|---|--------|
| 4465 | Ideal for removing tops and backs! 3.75" x 0.75" high carbon steel blade. | 18.75  |



TOOLS

## HERDIM OPENING CHISEL

Using this tool makes opening of the instrument an easy task. Tapered blade can be easily bounced with hammer on the thicker (2 mm) end, very thin blade 0.4 mm easily opens the plate-rib joint. The corner and endblocks can be gently opened from the inside of the instrument, which reduces the danger of cracks and snaps. The cutting edge is slightly curved and beveled on both sides. Hardness 59 HRC, stainless.

Blade width 23 mm, Overall length 170 mm.

| no.    | \$-net |
|--------|--------|
| 700376 | 78.50  |



**ALL TOOL PRICES ARE NET!!**

## ELECTRIC GLUE POT &amp; WARMER SET

This double-boiler pot surrounds the inner pot with water to evenly distribute heat and help prevent scorching of the glue, even when placed on a constant heat source. The water also helps insulate it to retain warmth when removed from the heat source. The removable inner pot holds up to 1 fl oz of glue, and the outer pot holds 2 1/2 fl oz of water. Measures 3" in diameter and 2 3/8" tall overall. The included electric tabletop warmer keeps the glue warm for longer periods. This small ceramic hotplate has a 39" long cord and can be used safely on any flat surface.

| no.     | description                           | \$-net |
|---------|---------------------------------------|--------|
| 09A0284 | Glue pot & tabletop warmer set. 110V. | 68.00  |



09A0284

## CONTAINERS &amp; LIDS

| no.    | description  | \$-net |
|--------|--|--------|
| 736000 | Glue kettle, ceramic, for HERDIM glue pots. Volume: 0.25 liter.  | 17.71  |
| 736005 | Clear lab glass glue kettle for HERDIM glue pot. Volume: 0.25 liter.   | 32.59  |
| 736007 | Plastic double-chambered containers for simultaneously heating glue and water (for thinning purposes). Polypropylene - tough, heat resistant, and chemically neutral. 1.0 liter.                                     | 17.55  |
| 736015 | Asymmetrical, double-chambered containers, 1/3 divided, for simultaneously heating glue and water (for thinning purposes). Made of polypropylene; tough, heat resistant and chemically neutral. Capacity 0.25 liter. | 9.74   |
| 736016 | Plastic lid for use with #736016, above. Has hole for brush.   | 7.49   |



## SPIRIT LAMPS &amp; WICKS

| no.    | description   | \$-net |
|--------|---|--------|
| 706003 | Steel spirit lamp w/ wick rack & handle. Vol. 120 ccm. Burns up to 6 hours. (for Herdim Glue Pot no. 736102).   | 121.79 |
| 706008 | Glass container, 120 ccm capacity, burning time ca. 2-3 hours. Can be set upright or at an angle due to the polygonal base. 120 ccm capacity, round wick Ø 12 mm, with cap.                   | 35.25  |
| 706009 | 15 cm wick for #706008 lamp.  | 3.88   |
| 706013 | Glass container with dial regulator, 120 cm <sup>3</sup> capacity, burning time approx. 2-3 hours. Can be set upright or at an angle due to its polygonal shape. Round wick Ø 6 mm, with cap. | 29.94  |
| 706014 | 15 cm replacement wick for item #706013, above.   | 2.99   |



706003



706008



706013



706014



## GLUE BRUSHES - HORSETAIL HAIR

Corrosion free thread winding. No glue blackening. Suitable for those with nickel allergies.

| no.      | size              | \$-net |
|----------|-------------------|--------|
| GW464750 | 10 mm - no metal. | 13.29  |
| GW464760 | 14 mm - no metal. | 13.29  |



**GW464760**

**ALL TOOL PRICES ARE NET!!**

**ORDER ONLINE !!**  
**www.howardcore.com**

## ANIMAL GLUES

Animal glues have been used by woodworkers for over 4,000 years. They are completely non-toxic, non-ageing, are easily reversible by heat and therefore ideal for repair work. The use of these glues is relatively uncomplicated. The most important criterion is an even, controlled heating process and the maintenance of a defined temperature range (about 60° - 70° Centigrade or 140° to 158° Fahrenheit) which keeps the proteins from degenerating.

| no.     | description  | \$-net |
|---------|--|--------|
| G50-411 | High clarity hide glue. Milligan & Higgins. 411 gram strength - highest strength, shorter open time. 1 lb bag.                             | 10.64  |
| G50-251 | High clarity hide glue. Milligan & Higgins. 251 gram strength - high strength, medium open time. Ideal for repair work. 1 lb bag.          | 9.68   |
| G50-192 | High clarity hide glue. Milligan & Higgins. 192 gram strength - regular strength, longest open time. Ideal for new construction. 1 lb bag. | 9.30   |
| G51     | Rabbit glue, higher viscosity than hide glue, strongest bonds. 500 gram bag. (approximately 1 lb.)   | 29.51  |
| G53     | Animal bone glue. 1 kilogram (2.2 lbs).  | 18.11  |



**G50**



**G51**



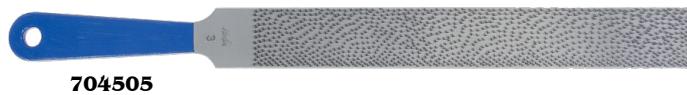
**G53**

**HERDIM PRECISION RASPS, HANDCUT**

Rasps come in where shaping no longer follows the laws of plane geometry. Therefore, they are equally indispensable for the cabinet maker, the violin maker, model builder or stuccoist. The best rasps are still cut by hand. Each tooth is formed individually with hammer and chisel and no two teeth are exactly the same. It is precisely this slightly irregular tooth configuration that ensures the smooth removal of wood and avoids clogging of the rasp. You can use these tools not only for hard and soft wood but also for leather, plastic, plaster and soft metal. Hard carbon steel body, tempered tang. As they are handcrafted, the sizes of these rasps may vary slightly. **Cut 3=coarse, 4=medium, 5=fine, 10=extra fine.**

**1 Flat rasp (with handle tang)**

| number | cross section | cut length | cut | \$-net |
|--------|---------------|------------|-----|--------|
| 704505 | 25 x 5 mm     | 200 mm     | 3   | 104.08 |
| 704506 | 25 x 5 mm     | 200 mm     | 4   | 97.26  |
| 704507 | 25 x 5 mm     | 200 mm     | 5   | 106.12 |

**704505****2 Flat rasp**

| number | cross section | cut length | cut | \$-net |
|--------|---------------|------------|-----|--------|
| 704502 | 10 x 4 mm     | 125 mm     | 5   | 60.06  |
| 704704 | 16 x 4 mm     | 150 mm     | 5   | 68.91  |
| 704707 | 20 x 5 mm     | 200 mm     | 5   | 93.72  |

**704502****3 Cabinet rasp**

| number | cross section               | cut length | cut | \$-net |
|--------|-----------------------------|------------|-----|--------|
| 704716 | 17 x 4 mm                   | 150 mm     | 5   | 83.09  |
| 704720 | 27 x 5 mm                   | 200 mm     | 3   | 88.40  |
| 704721 | 27 x 5 mm                   | 200 mm     | 4   | 107.69 |
| 704722 | 24 x 5 mm                   | 200 mm     | 5   | 106.87 |
| 704724 | Herdim "Ultra"<br>24 x 5 mm | 200 mm     | 10  | 175.38 |

**704720****4 Half-round rasp**

| number | cross section | cut length | cut | \$-net |
|--------|---------------|------------|-----|--------|
| 704732 | 16 x 6 mm     | 150 mm     | 5   | 70.91  |
| 704733 | 20 x 6 mm     | 200 mm     | 5   | 113.38 |

**704732****5 Half-round rasp, slim**

| number | cross section | cut length | cut | \$-net |
|--------|---------------|------------|-----|--------|
| 704741 | 10 x 4 mm     | 150 mm     | 5   | 67.14  |

**704741****GEWA FILE**

| item #   | description                                | \$-net |
|----------|--|--------|
| GW482261 | Precision flat file, 200 mm length, cut 1. | 81.12  |

**GW482261****GW482263**

## HANDMADE CHINESE RASPS

Handmade Chinese rasps. The irregular surface gives an exceptionally effective cutting action for coarse work. Sharp, stable cut. Hardened and chromed rasps which can be bent within limits to permit a wide range of uses. Made of C45 carbon steel.

### HATTORI FLAT RASP WITH HANDLE TANG

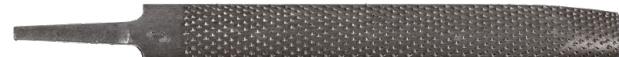
| item no. | cross section | cut length | cut          | \$-net |
|----------|---------------|------------|--------------|--------|
| 704571   | 24 x 4 mm     | 200 mm     | 3 coarse cut | 15.47  |



704571

### HATTORI CABINET RASP

| item no. | cross section | cut length | cut          | \$-net |
|----------|---------------|------------|--------------|--------|
| 704572   | 25 x 5 mm     | 200 mm     | 3 coarse cut | 13.18  |



704572

## SCRAPERS

| item no. | description   | \$-net |
|----------|---|--------|
| 703500   | Set of scrapers - 7 pieces. 0.4 mm thickness. Blades made of Swedish steel. | 52.60  |

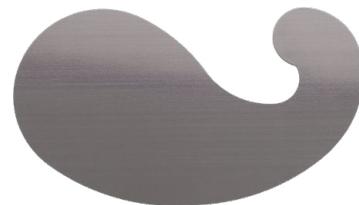
703500



### SCRAPERS "EBERLE"

Spring steel, approximately 50 HRC, excellent blade durability.

| no.    | description                  | thickness | \$-net/each |
|--------|------------------------------|-----------|-------------|
| 703507 | Rectangular, 150 mm x 50 mm. | 0.25 mm   | 4.75        |
| 703502 | Rectangular, 150 mm x 50 mm. | 0.40 mm   | 5.32        |
| 703504 | Rectangular, 150 mm x 50 mm. | 0.60 mm   | 5.32        |
| 703510 | Goose neck, 130 mm x 70 mm.  | 0.60 mm   | 8.52        |
| 703505 | Rectangular, 150 mm x 50 mm. | 0.80 mm   | 4.91        |
| 703506 | Rectangular, 150 mm x 50 mm. | 1.00 mm   | 5.41        |



703510

### KUJIRI PUNCH AWL

| no.    | description   | \$-net |
|--------|---|--------|
| 717205 | White oak handle. Drift length is 55 mm, overall length 105 mm. | 13.12  |



717205

**ORDER ONLINE !!**  
[www.howardcore.com](http://www.howardcore.com)

**ALL TOOL PRICES ARE NET!!**

## GLARDON/VALLORBE FILES

The traditional Swiss Glardon/Vallorbe company (formerly Grobet-Swiss) makes top-quality precision files which meet the high quality standards of the watch industry. 200 years of experience come to the fore in excellent durability and sharpness. The files are designed for working steel, but they are equally suitable for fine working of wood, aluminum, brass and hard plastics.

Hardened to 64-65 HRC. Although these files were originally developed for watch makers they are exceptionally well suited for woodworking, also. The workmanship and edge-holding ability of their cuts are of superb quality.

## TABLE OF CUTS

|                   | German     | Swiss     |
|-------------------|------------|-----------|
| for               | cut no.    | cut no.   |
| <b>coarse</b>     | wood       | 1 000 - 0 |
| <b>medium</b>     | wood       | 2 0 - 1   |
| <b>fine</b>       | wood/metal | 3 1 - 2   |
| <b>very fine</b>  | metal      | 4 2 - 3   |
| <b>ultra fine</b> | metal      | 5 3 - 4   |

The density and height of the cutting edges depend on the cut number AND the length of the file.



eight inch  
hand files  
used by  
bowmakers

## FLAT FILES

## DOUBLE CUT Swiss

| number | cross section | cut length | cut | \$-net |
|--------|---------------|------------|-----|--------|
| 705003 | 17 x 2 mm     | 150 mm     | 00  | 48.29  |
| 705004 | 17 x 2 mm     | 150 mm     | 0   | 49.64  |
| 705005 | 17 x 2 mm     | 150 mm     | 1   | 52.55  |
| 705078 | 17 x 2 mm     | 150 mm     | 2   | 51.22  |
| 705192 | 19 x 4 mm     | 150 mm     | 00  | 39.24  |
| 705193 | 19 x 4 mm     | 150 mm     | 0   | 42.35  |
| 705194 | 19 x 4 mm     | 150 mm     | 1   | 36.46  |
| 705012 | 22 x 5 mm     | 200 mm     | 000 | 59.82  |
| 705006 | 22 x 5 mm     | 200 mm     | 00  | 55.66  |
| 705007 | 22 x 5 mm     | 200 mm     | 0   | 57.65  |
| 705008 | 22 x 5 mm     | 200 mm     | 1   | 62.56  |
| 705013 | 22 x 5 mm     | 200 mm     | 2   | 64.40  |
| 705014 | 22 x 5 mm     | 200 mm     | 3   | 68.05  |
| 705035 | 22 x 5 mm     | 200 mm     | 4   | 68.05  |
| 705039 | 26 x 6.5 mm   | 250 mm     | 000 | 76.13  |
| 705009 | 26 x 6.5 mm   | 250 mm     | 00  | 82.30  |
| 705010 | 26 x 6.5 mm   | 250 mm     | 0   | 78.52  |

## CROSS FILES

Hardened to 64-65 HRC.

| no.    | cross section | cut length | cut | \$-net |
|--------|---------------|------------|-----|--------|
| 705030 | 15 x 4.5 mm   | 150 mm     | 0   | 109.44 |
| 705031 | 15 x 4.5 mm   | 150 mm     | 1   | 100.05 |
| 705032 | 21 x 6 mm     | 200 mm     | 00  | 142.90 |
| 705033 | 21 x 6 mm     | 200 mm     | 0   | 160.81 |

## JAPANESE FEATHER EDGE SAW FILES

| item #     | description   | \$-net |
|------------|---|--------|
| TL-DF100DA | Japanese diamond feather edge saw file. Can be used as a file or a honer. 100 mm file length, 200 mm overall length. Wood handle. | 43.70  |
| TL-DF100   | Japanese feather edge saw file. For use as a nut file. 100 mm length. No handle.  | 21.85  |
| TL-DF150   | Japanese feather edge saw file. 150 mm cut.   | 29.90  |
| TL-DF75DA  | Japanese diamond feather edge saw file. 75 mm cut.  | 37.95  |



## HALF-ROUND FILES

| number | cross section | cut length | cut | \$-net |
|--------|---------------|------------|-----|--------|
| 705020 | 13 x 4 mm     | 125 mm     | 0   | 78.94  |
| 705022 | 15 x 4.5 mm   | 150 mm     | 00  | 77.48  |
| 705023 | 15 x 4.5 mm   | 150 mm     | 0   | 72.35  |
| 705024 | 15 x 4.5 mm   | 150 mm     | 1   | 85.58  |
| 705068 | 15 x 4.5 mm   | 150 mm     | 2   | 95.60  |
| 705069 | 15 x 4.5 mm   | 150 mm     | 3   | 86.10  |
| 705086 | 21 x 6 mm     | 200 mm     | 000 | 96.86  |
| 705026 | 21 x 6 mm     | 200 mm     | 0   | 95.86  |
| 705027 | 21 x 6 mm     | 200 mm     | 1   | 101.84 |
| 705087 | 21 x 6 mm     | 200 mm     | 2   | 112.21 |

**SLIM** (FOR BOW TIPS, F-HOLES, ETC.) Hardened to 64-65 HRC.

|        |           |        |   |       |
|--------|-----------|--------|---|-------|
| 705028 | 10 x 3 mm | 150 mm | 0 | 81.51 |
| 705029 | 10 x 3 mm | 150 mm | 2 | 91.48 |
| 705074 | 10 x 3 mm | 150 mm | 4 | 74.69 |

## FLAT FILES - FREIDRICH DICK, GERMAN-MADE

## SINGLE CUT (for smoothest surface - sharp edges)

| number | cross section | cut length | cut | \$-net |
|--------|---------------|------------|-----|--------|
| 704901 | 21 x 3mm      | 200 mm     | 2   | 12.70  |
| 704902 | 25 x 4mm      | 250 mm     | 2   | 17.39  |

**ALL TOOL PRICES ARE NET!!**



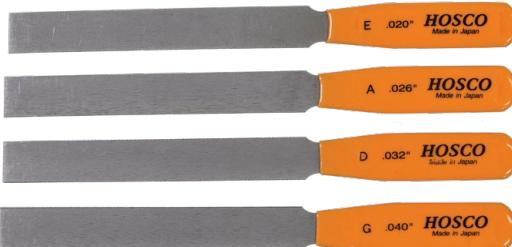
**GLARDON/VALLORBE SADDLE FILES (FORMERLY GROBET)**

Precision files with round edges for violin nuts, saddles &amp; bridges.

| no.    | thickness                              | sweep length | sweep | \$-net |
|--------|--|--------------|-------|--------|
| 705015 | 0.4 x 10mm                             | 100 mm       | 2     | 63.42  |
| 705016 | 0.6 x 10mm                             | 100 mm       | 2     | 58.16  |
| 705017 | 0.8 x 10mm                             | 100 mm       | 2     | 58.16  |
| 705018 | 1.0 x 10mm                             | 100 mm       | 2     | 63.41  |
| 705019 | Complete Set of 4 files, special price |              |       | 226.80 |

**705019****SADDLE FILES - MADE IN JAPAN**

| no.    | description            | \$-net |
|--------|------------------------|--------|
| T-2451 | Set of 4 saddle files. | 126.50 |
| T-2452 | E string saddle file.  | 28.75  |

**T-2451****GLARDON/VALLORBE ROUND FILES (FORMERLY GROBET)**

Very slim, finest cut up to the tip. Hardened to 64-65 HRC.

705092, 705093, 705066 &amp; 705057 with square handle.

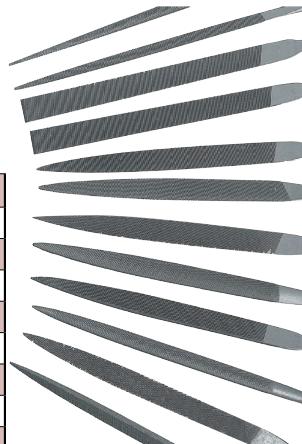
| no.    | cross section | cut length | cut | \$-net |
|--------|---------------|------------|-----|--------|
| 705093 | Ø 1 mm        | 50 mm      | 2   | 28.39  |
| 705066 | Ø 1.5 mm      | 55 mm      | 2   | 29.56  |
| 705094 | Ø 1.5 mm      | 75 mm      | 1   | 39.42  |
| 705057 | Ø 2.0 mm      | 65 mm      | 2   | 29.63  |
| 705097 | Ø 4 mm        | 150 mm     | 0   | 47.23  |
| 704927 | Ø 3.6 mm      | 100 mm     | 1   | 24.52  |

**704927****GLARDON/VALLORBE NEEDLE FILES (FORMERLY GROBET)**

Knurled handles Ø 2.9mm, overall length 140 mm, cut length 75 mm. Double cut.

Hardened to 64-66 HRC.

| shape       | no.    | swiss cut 0 (coarse) | swiss cut 1 (fine) | \$-net |
|-------------|--------|----------------------|--------------------|--------|
|             |        | \$-net               | no.                |        |
| flat        | 705140 | 13.36                | 705040             | 14.15  |
| ward        | 705141 | 18.56                | 705041             | 16.74  |
| triangular  | 705142 | 17.06                | 705042             | 17.06  |
| square      |        |                      | 705043             | 19.31  |
| round       | 705144 | 14.11                | 705044             | 15.04  |
| barrette    | 705145 | 15.81                |                    |        |
| half-round  | 705146 | 19.94                | 705046             | 18.14  |
| crossing    | 705147 | 24.14                | 705047             | 21.13  |
| knife shape | 705148 | 17.89                | 705048             | 17.54  |

**FILE CARD (FILE CLEANER)**

Brass bristles mounted on beech handle. Overall length: 250 mm.

Brush area: 40 x 100 mm

| no.    | \$-net |
|--------|--------|
| 705091 | 16.65  |

**MORE NEEDLE FILES**

| item #   | description                        | \$-net |
|----------|------------------------------------|--------|
| GW482800 | Needle file, 100 mm length, cut 4. | 22.45  |

**GW482800**

## SJÖBERGS WORKBENCHES

**"THE PERFECT BENCH FOR THE DISCERNING WOODWORKER"****We are pleased to offer these Swedish-made professional quality workbenches from Sjöbergs!**

Sjöbergs has more than 90 years of experience in producing workbenches and other equipment.

The Duo workbench is constructed entirely in solid European beech and the two vises can be located in four different positions.

The beech top on the Scandi Plus has two double rows of bench dog holes working from each vise.

**THESE ITEMS DO NOT SHIP FROM OUR WAREHOUSE.****SCANDI PLUS 1425**

|                    |                |
|--------------------|----------------|
| Worktop Length:    | 52 5/8"        |
| Total Length:      | 57 5/8"        |
| Worktop Width :    | 22 13/16"      |
| Total Width:       | 27 15/16"      |
| Worktop Thickness: | 1 1/2"         |
| Skirt Thickness:   | 4 5/16"        |
| Vise Capacity:     | 4              |
| Weight:            | 116 lb. 13 oz. |

**SCANDI PLUS 1825**

|                    |                |
|--------------------|----------------|
| Worktop Length:    | 70 3/32"       |
| Total Length:      | 73 5/32"       |
| Worktop Width :    | 22 13/16"      |
| Total Width:       | 27 15/16"      |
| Worktop Thickness: | 1 1/2"         |
| Skirt Thickness:   | 4 5/16"        |
| Vise Capacity:     | 4"             |
| Weight:            | 138 lb. 14 oz. |

**1425 + SM03****SM03**

(Item Not Sold Separately)

| Item #         | Description                                  | \$-NET   |
|----------------|--|----------|
| SJ-33280       | Scandi Plus Workbench 1425                   | 1,205.00 |
| SJ-33280-33457 | Scandi Plus Workbench 1425 plus SM03 Cabinet | 1,995.00 |
| SJ-33279       | Scandi Plus Workbench 1825.                  | 1,400.00 |
| SJ-33279-33457 | Scandi Plus Workbench 1825 plus SM03 Cabinet | 2,190.00 |

**SM03 cabinet not sold separately**

*Sjoberg workbenches do not ship from our warehouse. They are drop-shipped from Michigan.*

*Price includes cost of shipping!*



**SHOP APRON**

| item #     | description                     | \$-net |
|------------|---------------------------------|--------|
| CORE-APRON | Howard Core Company shop apron. | 35.00  |

**HAMMERS**

| item #   | description                                   | \$-net |
|----------|---|--------|
| GW481925 | Hammer, for edge inserts.                     | 31.90  |
| 481970   | Soundpost hammer, with wooden handle. Violin. | 23.53  |
| 481971   | Soundpost hammer, with wooden handle. Cello.  | 25.96  |



**ORDER ONLINE !!**  
**[www.howardcore.com](http://www.howardcore.com)**

**ALL TOOL PRICES ARE NET!!**

TOOLS

**HERDIM FINGER PLANES**

Small planes with a brass body for shaping the tops and backs of bowed instruments. Slim sides for edge work, and thick sole which users can modify to their own needs, if necessary. Complete with plain blade and wood wedge. Hardened to 60 HRC.

**ARCHED SOLE PLANES**

| plane no. | blade width | length of plane | \$-net |
|-----------|-------------|-----------------|--------|
| 702528    | 4 mm        | 12 mm           | 97.46  |
| 702530    | 5 mm        | 20 mm           | 58.82  |
| 702532    | 7 mm        | 25 mm           | 58.82  |
| 702534    | 10 mm       | 32 mm           | 63.06  |
| 702536    | 12 mm       | 40 mm           | 69.44  |
| 702538    | 18 mm       | 50 mm           | 77.95  |
| 702542    | 23 mm       | 74 mm           | 128.60 |

**ARCHED SOLE SPARE BLADES**

| use with plane no. | blade width | plain blade no. | \$-net | toothed blade no. | \$-net |
|--------------------|-------------|-----------------|--------|-------------------|--------|
| 702528             | 4 mm        | 702529          | 12.41  | -----             | -----  |
| 702530             | 5 mm        | 702700          | 12.81  | -----             | -----  |
| 702532             | 7 mm        | 702533          | 13.94  | 702541            | 18.45  |
| 702534             | 10 mm       | 702702          | 13.94  | 702812            | 21.45  |
| 702536             | 12 mm       | 702703          | 14.49  | 702813            | 21.85  |
| 702538             | 18 mm       | 702704          | 16.94  | 702814            | 22.21  |
| 702542             | 23 mm       | 702705          | 20.40  | 702543            | 28.04  |

**FLAT SOLE PLANES**

| plane no. | blade width | length of plane | \$-net |
|-----------|-------------|-----------------|--------|
| 702510    | 5 mm        | 20 mm           | 58.82  |
| 702512    | 7 mm        | 25 mm           | 61.34  |
| 702514    | 10 mm       | 32 mm           | 63.06  |
| 702516    | 12 mm       | 40 mm           | 69.44  |
| 702518    | 18 mm       | 50 mm           | 79.03  |
| 702509    | 23 mm       | 74 mm           | 124.20 |

**FLAT SOLE SPARE BLADES**

| use with plane no. | blade width | plain blade no. | \$-net | toothed blade no. | \$-net |
|--------------------|-------------|-----------------|--------|-------------------|--------|
| 702510             | 5 mm        | 702400          | 12.81  | -----             | -----  |
| 702512             | 7 mm        | 702513          | 61.34  | 702540            | 18.45  |
| 702514             | 10 mm       | 702402          | 63.06  | 702502            | 21.45  |
| 702516             | 12 mm       | 702403          | 14.49  | 702503            | 22.40  |
| 702518             | 18 mm       | 702404          | 16.94  | 702504            | 22.21  |
| 702509             | 23 mm       | 702405          | 19.95  | -----             | -----  |

**ARCHED SOLE PLANES WITH SCREW CAP**

| plane no. | blade width | length of plane | \$-net |
|-----------|-------------|-----------------|--------|
| 702560    | 5 mm        | 20 mm           | 63.06  |
| 702561    | 7 mm        | 25 mm           | 63.06  |
| 702562    | 10 mm       | 32 mm           | 69.44  |
| 702563    | 12 mm       | 40 mm           | 75.81  |
| 702564    | 18 mm       | 50 mm           | 84.14  |
| 702565    | 23 mm       | 74 mm           | 126.30 |

**FLAT SOLE PLANES WITH SCREW CAP**

| plane no. | blade width | length of plane | \$-net |
|-----------|-------------|-----------------|--------|
| 702566    | 5 mm        | 20 mm           | 65.11  |
| 702567    | 7 mm        | 25 mm           | 63.06  |
| 702568    | 10 mm       | 32 mm           | 69.36  |
| 702569    | 12 mm       | 40 mm           | 75.81  |
| 702570    | 18 mm       | 50 mm           | 84.14  |
| 702571    | 23 mm       | 74 mm           | 126.30 |

SEE ABOVE FOR SPARE BLADES

**THE WORLD'S SMALLEST PLANE**

Micro plane including case. An original gift for every tool lover. Length 12 mm, blade width 4 mm.

| no.    | description | \$-net |
|--------|-------------|--------|
| 702527 | Micro plane | 63.06  |

**ORDER ONLINE !!****[www.howardcore.com](http://www.howardcore.com)****ALL TOOL PRICES ARE NET!!**

**"IBEX" FINGER PLANES**

Precision cast, silicon bronze finger planes with accurately guided, screw locked blade. The mouth is located very close to the face for increased corner workability. All planes come complete with blade.

**PLANE WITH ARCHED SOLE**

| plane no. | length x | width   | \$-net |
|-----------|----------|---------|--------|
| 703301    | 25 mm    | 8.0 mm  | 90.00  |
| 703302    | 30 mm    | 10.0 mm | 94.50  |
| 703303    | 36 mm    | 12.0 mm | 101.70 |
| 703304    | 46 mm    | 18.0 mm | 116.10 |

**SPARE BLADES, ARCHED OR FLAT**

| plain blade no. | width of blade | \$-net | toothed blade no. | \$-net |
|-----------------|----------------|--------|-------------------|--------|
| 703311          | 8.0 mm         | 28.80  | 703321            | 30.60  |
| 703312          | 10.0 mm        | 28.80  | 703322            | 30.60  |
| 703313          | 12.0 mm        | 28.80  | 703323            | 30.60  |
| 703314          | 18.0 mm        | 28.80  | 703324            | 30.60  |

**PLANE WITH FLAT SOLE**

| plane no. | length x | width   | \$-net |
|-----------|----------|---------|--------|
| 703401    | 25 mm    | 8.0 mm  | 90.00  |
| 703402    | 30 mm    | 10.0 mm | 94.50  |
| 703403    | 36 mm    | 12.0 mm | 101.70 |
| 703404    | 47 mm    | 18.0 mm | 116.10 |
| 703405    | 60 mm    | 22.5 mm | 135.00 |

**SPARE BLADE, FLAT**

| plain plane no. | width of blade | \$-net | toothed blade no. | \$-net |
|-----------------|----------------|--------|-------------------|--------|
| 703415          | 22.5 mm        | 31.50  | 703425            | 31.50  |

**LARGE FINGER PLANES - WITH ADJUSTABLE MOUTH**

All planes come complete with plain blades.

**PLANE WITH ARCHED SOLE**

| plane no. | length x | width   | \$-net |
|-----------|----------|---------|--------|
| 703307    | 90 mm    | 27.5 mm | 247.50 |

**SPARE BLADE, ARCHED**

| plain plane no. | width of blade | \$-net | toothed blade no. | \$-net |
|-----------------|----------------|--------|-------------------|--------|
| 702717          | 27.5 mm        | 36.00  | 702817            | 36.00  |

**PLANE WITH FLAT SOLE**

| plane no. | length x | width   | \$-net |
|-----------|----------|---------|--------|
| 703306    | 90 mm    | 27.5 mm | 247.50 |

**SPARE BLADE, FLAT**

| plain plane no. | width of blade | \$-net | toothed blade no. | \$-net |
|-----------------|----------------|--------|-------------------|--------|
| 702716          | 27.5 mm        | 36.00  | 702816            | 36.00  |

**HERDIM NO. 101 PALM PLANE**

| no.    | description   | \$-net |
|--------|---|--------|
| 702555 | No. 101 Palm plane. Brass body with screw cap. Polished handle. 24 mm width, 2.5 mm thickness. Body 85 x 32 mm. 61 RC blade (extra hard). Brass body gives extra heft, avoids rust. | 139.06 |
| 702556 | Replacement blade for #702555.  | 22.24  |



## TAPE MEASURE - POCKET SIZED!

| no.    | description  | \$-net |
|--------|--|--------|
| 707158 | Inch/MM scales, 2 meter (over 6.5 ft.) length, ebony casing. | 16.36  |
| 707160 | Like above, with rosewood casing.                            | 15.88  |
| 707161 | Like above, with boxwood casing.                             | 16.36  |



## RULERS

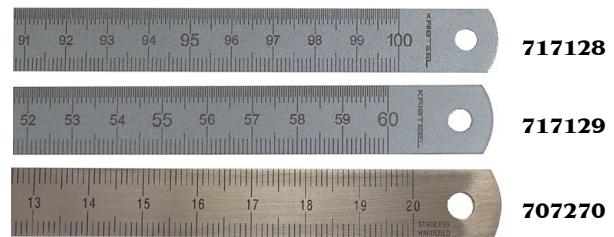
| no.    | description  | \$-net |
|--------|--|--------|
| RU330  | Metal ruler 12" / 30 cm                            | 6.75   |
| RU315  | Metal ruler 6" / 15 cm                             | 5.50   |
| 717128 | Flexible precision rule, 1000 mm. Stainless steel. | 60.06  |
| 717129 | Flexible precision rule, 600 mm. Stainless steel.  | 37.08  |
| 707270 | Ultra-flexible ruler. 200 x 13 x .2 mm.            | 17.44  |
| 707271 | Ultra-flexible ruler. 300 x 13 x .2 mm.            | 22.42  |
| 707272 | Ultra-flexible ruler. 600 x 13 x .2 mm.            | 50.32  |



RU 315



RU 330



717128

717129

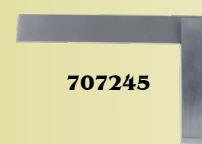
707270

## MARKING &amp; MEASURING TOOLS, TEMPLATES

| item #   | description  | \$-net |
|----------|--|--------|
| GW485052 | <b>Straight edge.</b> Steel with rounded edge, without calibration. 50 cm.                             | 42.39  |
| 707176   | <b>Variable angle bevel.</b> 95 mm length. Hardened steel edge, rosewood handle w/ brass fittings.     | 28.05  |
| GW485065 | <b>Square.</b> 60 x 40 mm. With lock.  | 31.79  |
| 707245   | <b>Try Square.</b> Small try square made from tool steel (not stainless). Accuracy 0.08 mm per 100 mm. | 31.22  |
| 485082   | <b>Protractor.</b> Calibration 1° - 180°. Metal.   | 31.91  |
| GW486300 | <b>Bridge templates</b> , for violin, viola, & cello. Set of 6.  | 212.63 |



GW485065



707245



485082



707176

## FIQUET COMPASSES

Solid steel with ground, hardened points and brass fittings. Compasses have quick-acting adjustment screws.

| no     | description   | "A" Qual. \$-net | "B" Qual. \$-net |
|--------|---|------------------|------------------|
| 707150 | Compass divider. Leg length 150 mm. Max. opening 160 mm.                    | 36.49            | 26.92            |
| 707151 | Same as above, with pencil holder.  | 48.19            | -----            |
| 707153 | Inside caliper. Leg length 150 mm. Max. opening 190 mm, min. opening 25 mm. | 36.39            | 26.92            |



**MINI SLIDE CALIPER**

| no     | description   | \$-net |
|--------|---|--------|
| 707243 | Precision caliper for taking inside and outside measurements on small objects, models, veneers, etc. Its light weight and compact size make it ideal for measuring delicate objects. Stainless steel, deep-etched scale with 0.05 mm vernier. Measuring range up to 70 mm, tip length 20 mm, weight 23 g. | 36.43  |

**ELECTRONIC CALIPER**

| no     | description   | \$-net |
|--------|---|--------|
| 707170 | Measures up to 150 mm, tip length 40 mm. Measures inside, outside & depth, with mm/inch option. Stainless steel beam & slide. 5 digit LCD display. Zeroing switch. Resolution: 0.01 mm. | 64.33  |
| 707258 | Like above, measures up to 100 mm. 30 mm tip.   | 67.28  |

**DIAL CALIPER**

| no     | description   | \$-net |
|--------|---|--------|
| 707259 | Sturdy dial caliper with shock- and dust-proof analog indicator. Stainless steel slide and dial. Accurate to within 0.01 mm. Measuring length 150 mm. Tip length 40 mm. | 81.31  |

**LARGE CALIPERS (and Parts)**

| no.    | pin head | graduation | jaw depth | \$-net |
|--------|----------|------------|-----------|--------|
| 707101 | Violin   | D          | 0.10 mm   | 200 mm |
| 707102 | Cello    | D          | 0.10 mm   | 300 mm |

| no     | description                          | \$-net |
|--------|--------------------------------------|--------|
| 707116 | Replacement dial for nos. 707101-02. | 154.07 |



| no     | description  | \$-net |
|--------|--|--------|
| 707106 | Pin Head D, 2 piece set, for 707101 & 707102. Ø 10 mm. | 53.81  |



| no     | description   | \$-net |
|--------|---|--------|
| 707107 | Pin Head E, 2 piece set, for 707101 & 707102. Ø 5 mm. | 25.90  |



| no     | description   | \$-net |
|--------|---|--------|
| 707100 | MADE IN USA. Use for violin AND cello! Same German dial as 707116. Graduating caliper; extremely rigid die cast aluminum frame, unique top lifting lever allows unrestricted measuring. 32 cm throat, measures to 30 mm. Dial gauge reads to 0.1 mm. American made. | 360.00 |



| no     | description  | \$-net |
|--------|--|--------|
| 707105 | Small graduating caliper, machined alum. frame. 23 cm throat, measures to 30 mm. Dial gauge reads to 0.1 mm. Assembled in USA. | 360.00 |



| no     | description  | \$-net |
|--------|--|--------|
| T50100 | Marking calipers, violin, viola, & cello. 9" throat. | 225.00 |



| no     | description   | \$-net |
|--------|---|--------|
| 707088 | Caliper for measuring over the ribs - violin, viola, cello. | 377.16 |



| no     | description   | \$-net |
|--------|---|--------|
| 707001 | String projection gauge with digital indicator. Violin / viola. | 154.13 |



| no     | description   | \$-net |
|--------|---|--------|
| 707002 | String projection gauge with digital indicator. Cello / bass. | 255.65 |

**CUTTING GAUGE**

| item #   | description   | \$-net |
|----------|---|--------|
| GW481917 | For cutting borders, purflings, etc. Measuring scale up to 60 mm. Working scale 0 - 120 mm. | 44.32  |



**ITEM # MMKR-70 ACRYLIC/PLASTIC RESTORAL KIT**

One each 3"x 6" sheet (1,500, 1,800, 2,400, 3,600, 4,000, 6,000)

One 3"x 3" Foam Block

One 2oz. bottle MicroGloss liquid abrasive

Two flannel sheets

For restoration of scratched, discolored or damaged fiberglass, acrylics or resins, etc. Colored and clear acrylics are repaired the same way: sand out the damage with fine sandpaper and then follow the Micro-mesh series to achieve a high-gloss finish. Kit provides all that is needed to repair minor scratches, discoloration and surface irregularities to restore optical clarity.

For deep scratches or holes, resin\* and sandpaper\* may be necessary in order to do a proper repair job. Fill holes with resin\*, sand smooth with sandpaper\*, and polish out with Micro-mesh. \* not included in kit

Kit complete - \$ 28.83 net

**"WOODWORKER'S KIT" - ITEM # MMWOODKIT**

Two each 3"x 6" sheet (1500, 1800, 2400, 3200, 3600, 4000, 6000, 8000, 12,000).

One 3" Foam Block

For superior finishes on bare hardwoods and wood finishes. Use on bare woods to obtain the smoothest finish possible. Oil the wood to preserve the finish and protect the wood, then polish with Micro-mesh to obtain the final finish. Replaces steel wool, pumice, or Rottenstone.

When using on finishes (urethanes, epoxies, resins, etc.), sand the surface smooth with a coarse grit and polish out with the rest of the series. Polish out all the way to 12,000 for a high-gloss finish or stop earlier for a more subdued finish.

Kit complete - \$ 58.79 net

**"HOBBY KIT" - ITEM # MMHOBBYKIT**

One each 3"x 4" sheet

(2400, 3200, 3600, 4000, 6000, 8000).

One 2"x 3" Foam Block.

One 1 oz. bottle Micro-gloss liquid abrasive

One cotton flannel sheet

A small kit designed for a variety of jobs ranging from polishing wood and golf clubs, cultured marble to acrylics and painted finishes. All of our most popular grits and Micro-gloss to suit a wide variety of tasks. An excellent starter kit to acquaint you with the product and just the right size for your workbench. Polishes just about any surface to a high lustre.

Kit complete - \$ 22.08 net

**MICRO-MESH REGULAR**

For polishing of acrylics, plastic, fiberglass, epoxy, polyurethane, painted surfaces, gel coat, varnish, wood and other fine finishes. Acrylics, automotive finishes, boats, furniture, gun stocks and violins are specific applications. We are pleased to offer these cushioned abrasives which are so useful in the shop. MICRO-MESH is used by many of the finest violin shops and all highly recommend it.

- Available in the kits shown, you can also save money by purchasing the various meshes in 6"x 12" pieces.
- Meshes: 1500, 1800, 2400, 3200, 3600, 4000, 6000, 8000 and 12,000. 1500 is coarse; 12,000 is super fine.

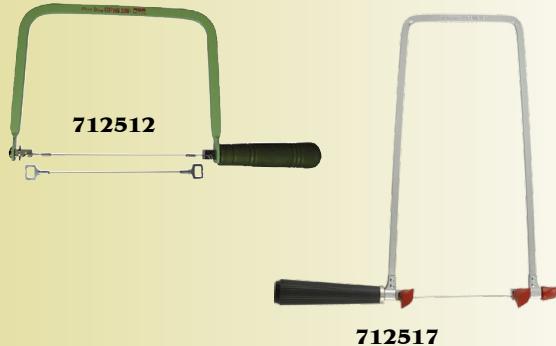


| no       | description              | \$-net |
|----------|--------------------------|--------|
| MM1500   | 1500 Grit coarse         | 7.73   |
| MM1800   | 1800 Grit coarse         | 7.73   |
| MM2400   | 2400 Grit                | 7.73   |
| MM3200   | 3200 Grit                | 7.73   |
| MM3600   | 3600 Grit                | 7.73   |
| MM4000   | 4000 Grit                | 7.73   |
| MM6000   | 6000 Grit                | 7.73   |
| MM8000   | 8000 Grit fine           | 7.73   |
| MM12000  | 12000 Grit fine          | 7.73   |
| MMBLOCK  | Foam block 3" x 3"       | 3.29   |
| MMCREAM  | Anti-static cream 8      | 10.64  |
| MMFILE   | Nail file 3 grits        | 1.31   |
| MMPOLISH | Micro-gloss polish 8 oz. | 14.49  |



**COPING SAWS**

| no     | description   | \$-net |
|--------|---|--------|
| 712512 | Chromium-plated steel frame, spiral wire blade. 165 mm blade length. Comfortable grip. Comes with two replacement blades.   | 24.52  |
| 712513 | Two replacement spiral wire blades.   | 8.05   |
| 712517 | Japanese coping saw. With its 250 mm depth, this Japanese coping saw is perfectly suited for deep cuts. Includes three replacement blades with 0.4 mm blade thickness. Blade length 130 mm. | 54.39  |

**GLARDON JEWELER'S SAW - REPLACEMENT BLADES**

| no     | description   | \$-net |
|--------|---|--------|
| 712522 | 12 repl. blades - fine. Thickness 0.18 mm, rip teeth 0.3 mm, setting 0.21 mm.   | 10.49  |
| 712523 | 12 repl. blades - medium. Thickness 0.28 mm, rip teeth 0.5 mm, setting 0.32 mm. | 8.50   |
| 712524 | 12 repl. blades - coarse. Thickness 0.4 mm, rip teeth 0.8 mm, setting 0.48 mm.  | 8.72   |

**KATABA RESTAURO SAW**

| no     | description   | \$-net |
|--------|---|--------|
| 712309 | 100 mm blade length. Overall length 220 mm. Blade thickness 0.3 mm. Cross-cut tooth spacing 1 mm. | 33.05  |

**HANDIWORK BACKSAWS**

These saws provide superb control, making them perfect for precision work. The rubberized grip fits comfortably in your hand. For cuts across the grain.

| no     | description  | \$-net |
|--------|--|--------|
| 712714 | Blade length 150 mm; overall length 295 mm. Thickness 0.35 mm; tooth spacing 1.2 mm. | 29.73  |
| 712716 | Replacement blade for #712714.   | 16.65  |

**DOZUKI UNIVERSAL SAW**

| no     | description   | \$-net |
|--------|---|--------|
| 712808 | Most popular Japanese saw. Blade length 240 mm, blade depth 50 mm, blade thickness 0.3 mm, tooth spacing 1.5 mm. Wooden handle.   | 93.48  |
| 712908 | Replacement blade for 712808, above.  | 24.65  |
| 712812 | Ryoba Seiun 300. The largest Ryoba with aggressive crosscut teeth and high-performance rip teeth can even handle strong beams and planks. With its two different tooth patterns, the Ryoba saw ensures optimum cutting performance not only across but also in the direction of the grain, making it the most versatile saw for carpentry and joinery. The thicker saw blade allows backless control and thus cuts of any depth flush to the surface. | 92.48  |
| 712303 | Kugihiki 190 Flush-Cutting Traditional Japanese saw. Professional Kugihiki with extremely thin and flexible blade. Traditional design with wooden handle wrapped in rattan. Blade length 190 mm, overall length 510 mm.   | 120.98 |



**JAPANESE CHISELS**

All "INM" items are factory made, HRC63. "NM" items are hand made, HRC64.

| item #   | description   | \$-net |
|----------|---|--------|
| TL-INM3  | Japanese flat chisel, 3 mm width. Overall length 225 mm.  | 40.25  |
| TL-INM6  | Japanese flat chisel, 6 mm width. Overall length 225 mm.  | 31.05  |
| TL-INM9  | Japanese flat chisel, 9 mm width. Overall length 225 mm.  | 31.05  |
| TL-INM12 | Japanese flat chisel, 12 mm width. Overall length 225 mm. | 32.20  |
| TL-INM15 | Japanese flat chisel, 15 mm width. Overall length 225 mm. | 33.35  |
| TL-INM18 | Japanese flat chisel, 18 mm width. Overall length 225 mm. | 35.65  |
| TL-INM21 | Japanese flat chisel, 21 mm width. Overall length 225 mm. | 36.80  |
| TL-INM24 | Japanese flat chisel, 24 mm width. Overall length 225 mm. | 41.40  |



TL-INM3



TL-INM12



TL-NM12

**PFEIL COMPACT GOUGE SET**

Swiss-made. Comes with rack made of birch and maple.

| no.    | description   | \$-net |
|--------|---|--------|
| 700691 | Six pieces. Overall length 200 mm.<br>Blade length 90 mm. | 228.79 |

Included: 8 mm width, Sweep 1  
8 mm width, Sweep 1S flat/skew  
8 mm width, Sweep 5  
7 mm width, Sweep 8  
1 mm width, Sweep 11  
2 mm width, Sweep 12, V 60°

**CUTTING GAUGE**

| item # | description   | \$-net |
|--------|---|--------|
| 700837 | Pfeil sculptor gouge, straight. Blade width: 30mm, blade length: 120mm. Sweep 5 | 118.84 |



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**GROOVING GOUGES**

Fine Swiss gouges with extended neck and slightly bent, inside bevel spoon-type blade for concave surfaces and archings, i.e. violin tops and backs. Shaft and blade forged in one piece from carbon steel, super-finished and polished. Unvarnished Pearwood handle.

| no.    | sweep | width | \$-net |
|--------|-------|-------|--------|
| 701101 | 8     | 12 mm | 118.86 |
| 701102 | 8     | 17 mm | 140.36 |
| 701103 | 5     | 30 mm | 134.21 |

**JAPANESE FLAT CHISELS  
(KIRINARI NOMI)**

These light push chisels are very popular for delicate paring cuts in cabinet-making, instrument-making and restoration work. Handle: waxed Japanese red oak without hoop. Blade length 70mm. Handle length 95mm. Overall length 260mm; blade thickness 3.0 - 4.5mm.

| no.    | width | \$-net |
|--------|-------|--------|
| 710108 | 3 mm  | 118.21 |
| 710109 | 6 mm  | 155.44 |
| 710104 | 12 mm | 148.34 |
| 710102 | 18 mm | 178.58 |
| 710103 | 24 mm | 194.49 |



SET - 6 pcs. in fine English leather roll.  
3-24 mm chisels. SET NO LONGER AVAILABLE -  
INDIVIDUAL FILES ONLY.

**FILE HANDLE**

Polished boxwood which is very comfortable and easy on hands, complete with ferrule.

| no.    | length: 105mm                           | \$-net |
|--------|---|--------|
| 701604 | File - ferrule Ø 16 mm,<br>length 70 mm | 6.89   |



**701601**

**ALL TOOL PRICES ARE NET!!**

## VIOLIN PAN - FELT-COVERED

| no.    | description | \$-net |
|--------|-------------|--------|
| 481960 | Violin pan  | 121.68 |



## LEATHER INSTRUMENT APRON

| no.    | \$-net |
|--------|--------|
| 708000 | 35.00  |



## FULLY ADJUSTABLE VIOLIN WORK BASE

The wooden work base holds the violin firmly in place. This wooden base is attached to a swivel ball mounted in a metal base that can be attached to the workbench.

| no.    | description  | \$-net |
|--------|--|--------|
| 1624-1 | Ball clamp support for wooden form and scroll clamp.   | 447.19 |
| 1624-2 | Wooden scroll clamp. To be used with 1624-1, above.    | 98.43  |
| 1624-3 | Wooden form for violin. To be used with 1624-1, above. | 98.43  |
| 1624-4 | Wooden form for viola. To be used with 1624-1, above.  | 128.81 |
| 1624-5 | Wooden form for cello. To be used with 1624-1, above.  | 260.05 |

**ALL TOOL PRICES ARE NET!!**



## VIOLIN/VIOLA HOLDER

Fully adjustable to hold any size violin or viola (except largest) for various repair and adjusting procedures such as fingerboard planing, bridge fitting, top crack repairs, stringing, etc. Padded clamp screws hold instrument securely but gently. Black anodized aluminum cradle is mounted on clear plexiglass base. We use these in our shop & highly recommend!

| no.   | \$-net |
|-------|--------|
| T5050 | 153.00 |



## KAISER CORK FORMS

The new Kaiser Cork form offers violin makers improved and safer handling of their instruments and sets a new standard in the art of violin making. The height ensures that the scroll of the violin never touches the surface of the bench work area. Light and easy to work with, it is also resistant and durable. This repairer's support for violin is a product that will be appreciated by all luthiers, restorers and enthusiasts of the craft of violin making.

| no.    | description                         | \$-net |
|--------|-------------------------------------|--------|
| KFI-10 | Kaiser cork violin form, extra-high | 165.42 |
| KFI-5  | Kaiser cork violin form             | 129.98 |
| KFI-C5 | Kaiser cork cello form              | 342.66 |



## BRIDGE FOOT FITTERS

For assisting in fitting the bridge feet to the top of the instrument.

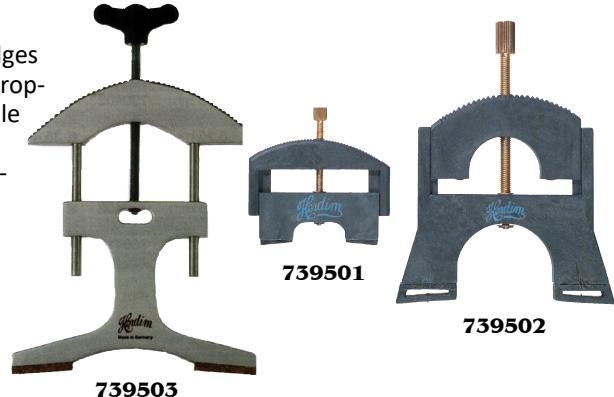
| no.   | description    | \$-net |
|-------|----------------|--------|
| T7100 | Violin / viola | 63.00  |
| T7102 | Cello          | 76.50  |
| T7103 | Bass           | 166.50 |



## HERDIM STRING LIFTERS

The String Lifter is an ideal assistant for exchanging, adjusting and fitting bridges without de-tensioning the strings. Using the String Lifter avoids soundpost dropping and helps positioning the new bridge. The body is made of indestructible fiber-reinforced plastic (vn/va/vc) with grooved support to match varying sizes. The legs are lined with elastic pads to protect the varnish of the instrument. Top piece is serrated to match any string configuration.

| no.    | description   | \$-net |
|--------|---|--------|
| 739501 | Violin 1/16 - 4/4 & viola. Height 30 - 44 mm.   | 40.22  |
| 739502 | Cello 1/8 - 4/4. Height 78 - 100 mm.  | 49.78  |
| 739503 | Designed exclusively for basses. Sturdy alloyed aluminum with cork-lined legs. Height 135 - 190 mm. | 269.14 |



## BRIDGE MARKER

| no.    | description  | \$-net |
|--------|--|--------|
| 707000 | Marks string divisions on bridge, 4/4 cello to 1/8 violin. | 103.50 |



## BRIDGE LEG EXPANDERS

To simulate string tension when fitting cello bridges.

| no.    | description                   | \$-net |
|--------|-------------------------------|--------|
| 706900 | Solid brass                   | 43.02  |
| 706901 | American made, lighter weight | 20.70  |



## POINTED TWEEZERS

| no.    | description                                | \$-net |
|--------|--|--------|
| 707141 | Pointed tweezers, stainless steel. 110 mm. | 7.96   |



## STRING WINDERS - DRILL ATTACHMENTS

NOTE THAT MOST ARE LIST PRICED

| no.       | description                                  | \$-LIST |
|-----------|--|---------|
| 707206    | For guitar.                                  | 33.08   |
| BSW1      | Plastic bass string winder.                  | 15.62   |
| BSW2      | Ebony bass string winder.                    | 36.60   |
| AC270W    | Wittner violin/viola/ukulele/guitar          | 19.88   |
| AC272W    | Wittner cello                                | 19.88   |
| NHM-BSTWD | New Harmony bass string winder<br>NET-PRICED | 26.25   |



## SOUNDPOST TOOLS

| no.               | description   | \$-net |
|-------------------|---|--------|
| <b>1</b> 700100   | 5-notch, stainless steel. Violin.   | 67.20  |
| <b>2</b> 700101   | Violin, stainless steel, American made.   | 10.35  |
| <b>3</b> 700101-C | Cello, stainless steel, American made.  | 35.10  |
| <b>4</b> 700113   | Violin/cello, American made, scissors-style. Stainless steel.   | 10.35  |
| <b>5</b> 700108   | Soundpost retriever, to pull out loose soundpost, for violin.   | 18.90  |
| <b>6</b> 700109   | Soundpost retriever, cello, American-made.  | 22.50  |
| <b>7</b> 735900   | Herdin soundpost setter, hand forged from old English design, rounded edges, finest workmanship, superbly balanced. | 75.32  |
| <b>8</b> 700118   | Duo soundpost setter, double-layered head, nickel-plated. For violin/viola.   | 34.43  |
| <b>9</b> 700114   | Same as #700118 above, but for small sizes violin (1/8 - 3/4 sizes).  | 18.06  |
| <b>10</b> 700105  | Scissor-style, brass - violin & viola.  | 21.51  |
| <b>11</b> 700104  | German (Ulsa), for bass.  | 77.85  |



## FORTE SOUNDPOST SETTERS

Stainless steel with rounded edges. Stiff, yet still bendable. Traditional, English-style head is ideal for making fine adjustments in the position of the soundpost. Excellent tapping power due to the hefty head, whose rounded flanks prevent soundpost damage.

| no.    | description    | \$-net |
|--------|----------------|--------|
| 700122 | Violin / viola | 34.43  |
| 700123 | Cello          | 60.94  |
| 700124 | Bass           | 73.56  |



## SOUNDPOST GAUGES

Fits through f-hole to measure the internal distance between top and back.

| no.    | description    | \$-net |
|--------|----------------|--------|
| 700110 | Violin & viola | 23.85  |
| 700111 | Cello          | 27.45  |



## INSPECTION MIRROR

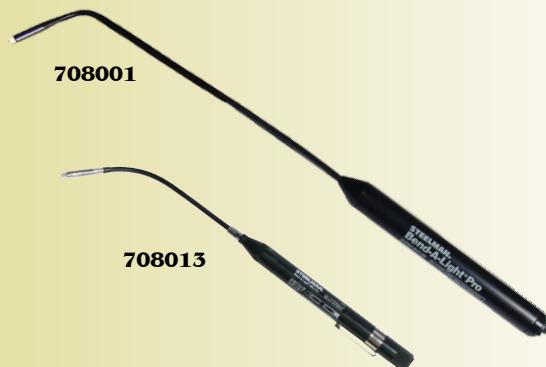
| no.    | description                            | \$-net |
|--------|--|--------|
| 707111 | Cello / bass. Bendable. 225 mm length. | 23.27  |



## INSPECTION LAMPS

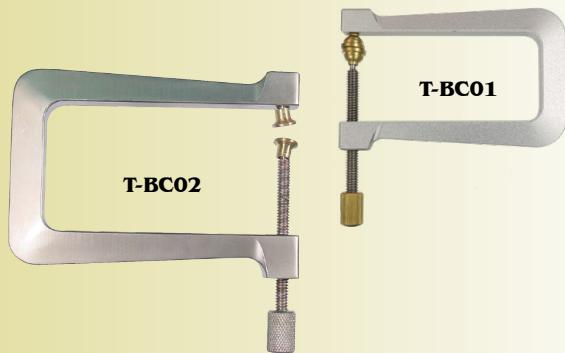
| no.    | description   | \$-net |
|--------|---|--------|
| 708001 | BEND-A-LIGHT. High intensity light tool with a flexible shaft, which puts the light where you need it. The lens gives a brilliant, diffuse light which is ideal for illuminating the interior of violins or other instruments. Complete with extension cover and two batteries. | 25.44  |
|        | • length: 400 mm overall with 250 mm flexible shaft   |        |
|        | • max. diameter of the shaft: 5 mm  |        |
|        | • weight including batteries: 60 g  |        |
| 708002 | Replacement lamp  | 6.60   |
| 708004 | Large Bend-A-Light for cellos & basses "Krypton-Pro" - 24".   | 47.70  |
| 708005 | Replacement lamp for "Krypton-Pro".   | 12.72  |
| 708006 | Replacement switch - fits both sizes.   | 5.83   |
| 708013 | Bend-A-Light Mini Pro - 11".  | 25.44  |

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**C - CLAMPS**

| no.    | description   | \$-net |
|--------|---|--------|
| T-BC01 | Depth 90 mm, opening 25 mm. Double swivels, great for bass bars!  | 31.50  |
| T-BC02 | Depth 110 mm, opening 40 mm. Double swivels, great for bass bars! | 37.80  |

**FINGERBOARD PADS**

| no.    | description   | \$-net |
|--------|---|--------|
| 735810 | Rosewood clamping forms to be placed on the top of the fingerboard and the bottom of the neck when gluing the fingerboard to the neck. Set. | 13.69  |
| 735811 | Same as above, for cello.   | 24.33  |

**PARALLEL CLAMP**

Strong steel clamp. Bessey.  
Opening 28 mm, depth 50 mm.

| no.    | \$-net |
|--------|--------|
| 705723 | 23.03  |

**CLIP CLAMP**

Steel, zinc plated, extra strong spring.  
Length 110 mm, opening 40 mm,  
depth 40 mm, weight 56g.

| no.    | \$-net |
|--------|--------|
| 705861 | 7.62   |

**TOP CLAMP**

For gluing down the top underneath the fingerboard. Machined aluminum. Protective lining.

| no.    | \$-net           |
|--------|------------------|
| 705820 | Violin and viola |
| 705821 | Cello            |



**BESSEY SOLID STEEL BAR CLAMPS**

Forged, hardened arm is sturdy yet surprisingly compact and lightweight. Accurately machined bar and arm and hardened threads allow high precision clamping. Perfectly flat, ball-jointed swivel pad, galvanized arm, coated thread, wooden handle.

| no.    | depth   | opening | weight | press plate Ø | \$-net |
|--------|---|---------|--------|---------------|--------|
| 705780 | 60 mm   | 120 mm  | 300 g  | 22 mm         | 40.67  |
| 705781 | 80 mm   | 160 mm  | 500 g  | 25 mm         | 47.22  |
| 705782 | 100 mm  | 200 mm  | 850 g  | 32 mm         | 77.69  |
| 705783 | 120 mm  | 250 mm  | 1300 g | 32 mm         | 97.58  |
| 705784 | 120 mm  | 500 mm  | 2200 g | 38 mm         | 221.74 |
| 705785 | 120 mm  | 1000 mm | 3500 g | 38 mm         | 316.67 |
| 705790 | Protective strips (2) for Bessey clamps, fits #'s 705780-705782 |         |        |               | 44.86  |



Photos not to scale

**HERDIM CRACK GLUING CLAMP**

Opening 12 mm, depth 5 mm. Galvanized steel. Tightens with M2 hex wrench (not included).

| no.    | \$-net |
|--------|--------|
| 705934 | 8.33   |

**ALUMINUM REPAIR CLAMPS**

Light but strong clamps made of cast aluminum alloy. The foot is slightly elevated to concentrate the pressure and to work on concave surfaces. Steel rod with freely movable swivel in ball bearing.

| no.    | depth                                       | opening | weight | \$-net |
|--------|---|---------|--------|--------|
| 705890 | 85 mm                                       | 35 mm   | 110g   | 33.65  |
| 705891 | 120 mm                                      | 35 mm   | 120g   | 35.79  |
| 705892 | 160 mm                                      | 40 mm   | 220g   | 39.87  |
| 705893 | 200 mm                                      | 50 mm   | 290g   | 41.98  |
| 705894 | Set, 5 pcs., 1 ea. 705890/92/93, 2 x 705891 |         |        | 176.98 |



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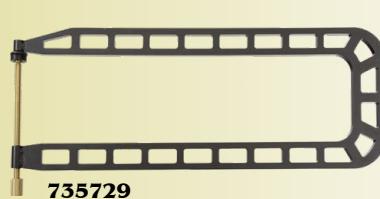
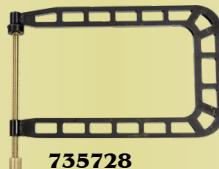


## "HERDIM" STRUTTED REPAIR CLAMPS

Unique struttued design allows for high stiffness vs. low weight - excellent characteristics for repair clamps used on fine and fragile structures. These two contradictory requirements are nicely combined with this Herdim achievement.

The lower pad is adjustable in height and thus enhances the scope of application. It features an optional self-adhesive rubber cork padding, while the movable parts use the traditional rubber coated movable plate and a precise brass spindle with knurled handle. Steel body with black anodized coating. To protect varnished surfaces, special silicone pads are available as accessories.

| no.    | depth  | opening | weight | \$-net ea. |
|--------|--------|---------|--------|------------|
| 735720 | 26 mm  | 10 mm   | 12 g   | 33.65      |
| 735722 | 40 mm  | 30 mm   | 36 g   | 35.44      |
| 735728 | 150 mm | 75 mm   | 190 g  | 59.71      |
| 735729 | 300 mm | 75 mm   | 568 g  | 76.18      |

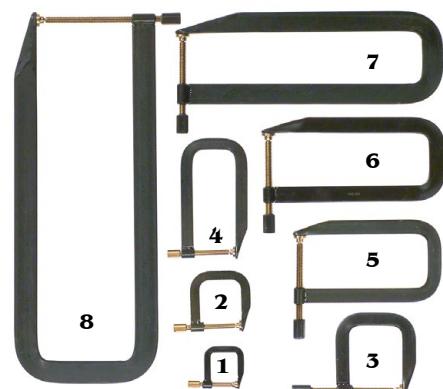


## "HERDIM" REPAIR CLAMPS

The finest professional clamps for musical instrument repair, furniture restoration, pattern making and other delicate clamping tasks.

Hand forged steel clamps of high stability and low weight, give well-defined pressure on the parts to be glued. High-pitch rods for fast closing action. Freely mobile brass swivels on ball bearings. All parts galvanized or made from corrosion free, non-staining material.

| no.      | depth  | opening | weight | application   | "A" Qual. | "B" Qual. |
|----------|--------|---------|--------|---|-----------|-----------|
|          |        |         |        |   | \$-net    | \$-net    |
| <b>1</b> | 735719 | 25 mm   | 10 mm  | 11 g micro size clamp   | 65.69     | 22.38     |
| <b>2</b> | 735718 | 28 mm   | 15 mm  | 18 g micro clamp  | 61.67     | 22.38     |
| <b>3</b> | 735714 | 40 mm   | 28 mm  | 35 g crack-cleating, edging, f-holes, ribs                        | 64.78     | 22.38     |
| <b>4</b> | 735715 | 90 mm   | 28 mm  | 75 g crack-cleating, ribs   | 68.80     | 31.35     |
| <b>5</b> | 735702 | 85 mm   | 36 mm  | 115 g crack-cleating  | 77.92     | 33.13     |
| <b>6</b> | 735704 | 135 mm  | 37 mm  | 170 g bass bar, violin, viola                                     | 69.36     | 34.03     |
| <b>7</b> | 735707 | 205 mm  | 37 mm  | 300 g crack-cleating cello, finger-board guitar                   | 84.50     | 42.77     |
| <b>8</b> | 735713 | 300 mm  | 70 mm  | 720 g crack-cleating bass, top/back cello (plaster repair method) | 126.32    | 59.10     |
| 735709   | 50 mm  | 70 mm   | 105 g  | fingerboard violin/cello  | 70.08     | 40.10     |
| 735711   | 145 mm | 70 mm   | 205 g  | top/back (plaster repair method)                                  | 83.31     | 52.62     |



## "HERDIM" CRACK CLAMPS

Made for violin, viola, cello and bass.

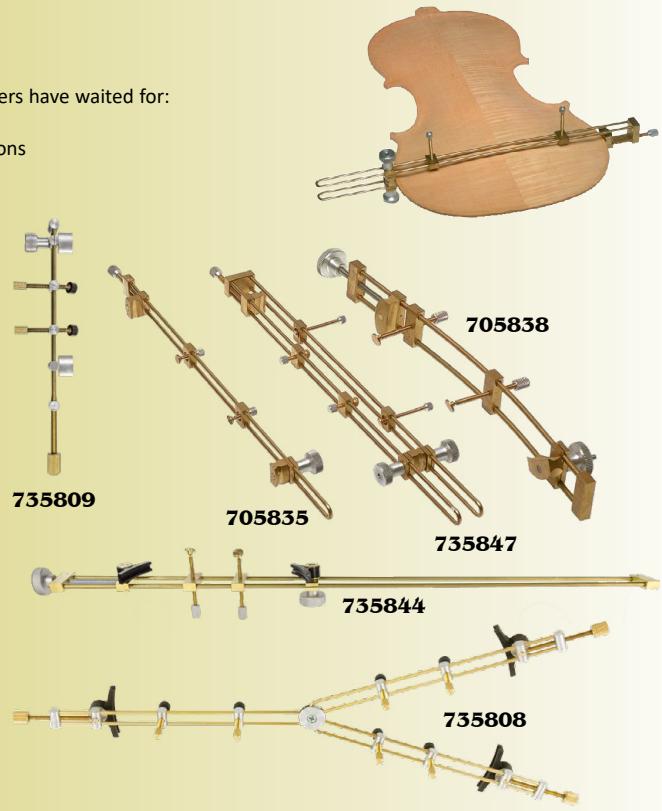
The new HERDIM Crack clamp has all the features professional stringed instrument repairers have waited for:

- Adjustable, preset working length for quick, versatile use; only 2 sizes cover all applications
- Twisting pad with convex and concave side to adapt to the contour of the instrument.
- Double rod for high specific strength and flexibility.
- With two sliding jack screws for leveling the crack without wedges.

No. 735847 has two sides for repairing a top which has been removed (pressure can be equalized both above & below.)

No. 735848 & 735849 clamp between "F" holes.

| no.    | description  | length | \$-net ea. |
|--------|--|--------|------------|
| 705835 | Violin/viola   | 280 mm | 73.01      |
| 705836 | Violin/viola   | 180 mm | 56.78      |
| 705838 | Cello  | 300 mm | 89.24      |
| 735847 | Violin/viola with top removed  | 280 mm | 105.45     |
| 735808 | Herdim® 3-Arm Crack Clamp with Rubber Jaws, Jaw Opening 240 mm. Violin, viola. | 240 mm | 220.58     |
| 735809 | Violin/viola between the f-holes.  | 100 mm | 75.81      |
| 735819 | Better pressure distribution for repairing edges. 240 mm opening.              |        | 147.39     |



**EDGE CLAMPS**

For edge repair.

2 brass screws; depth 15 mm, opening 12 mm.



705855

| no.    | \$-net |
|--------|--------|
| 705855 | 50.53  |

1 brass screw; depth 18mm, opening 15 mm.



705856

| no.    | \$-net |
|--------|--------|
| 705856 | 40.85  |

| no.      | description  | \$-net |
|----------|--|--------|
| GW467648 | Vertical edge clamp, Swiss model. Vertically & horizontally adjustable, spring guided, 4 screws. Lightweight titanium. | 147.70 |

GW467648

**REPAIR CLAMPS**

4 parts, straight steel-tension rods with polyamide clamps; flexible.

| no.    |        | \$-net |
|--------|--------|--------|
| 705830 | Violin | 85.50  |
| 705831 | Cello  | 139.50 |
| 705832 | Bass   | 136.40 |

**PARALLEL HAND SCREWS**

| item # | description                                       | \$-net |
|--------|---|--------|
| 467116 | Parallel hand screws, 40 mm opening, 70 mm depth. | 66.47  |



467116

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**FINGERBOARD GLUING CLAMP**

| no.    |                                       | \$-net |
|--------|---------------------------------------|--------|
| 705870 | Plastic. For violin, viola and cello. | 8.55   |

**LOWER BLOCK CLAMPS**

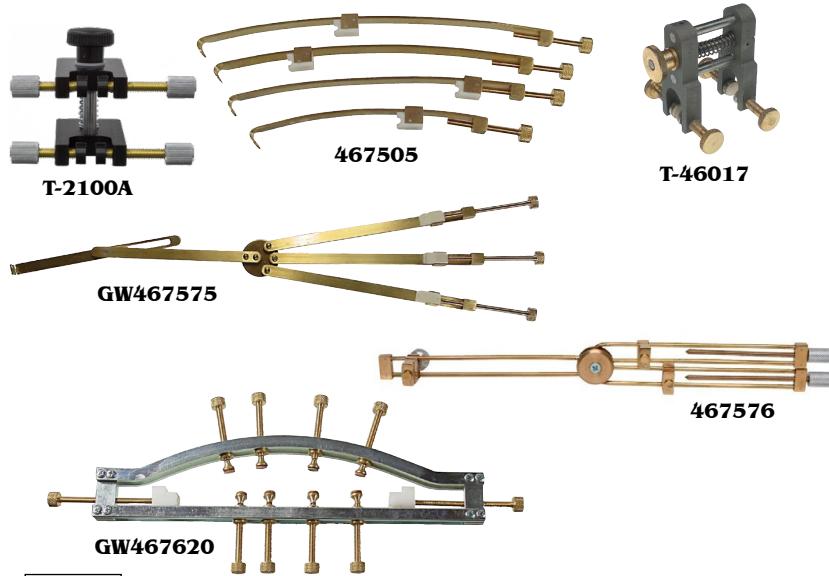
A truly genial clamp for gluing back loose ribs to the lower block without opening the instrument. After the pivot is inserted through the end pin hole, the rod turns by gravity into the cross position. The pad, made from rubber-lined hardwood, has two archings to adapt to different shapes.

Simple, time saving and functional!

| no.    | "A" Qual. | \$-net | "B" Qual. | \$-net |
|--------|-----------|--------|-----------|--------|
| 735800 | Violin    | 22.80  | 21.49     |        |
| 735801 | Cello     | 34.68  | 32.70     |        |

**CRACK CLAMPS**

| no.       | description  | \$-net |
|-----------|--|--------|
| T2100A    | Edge clamp - draws cracks together at bottom edge; American made.  | 103.50 |
| T-46017   | Most precise clamp cut from titanium & brass – only half as heavy as all brass but more stable! Four screws for best clamping. Exceptional quality. For cello. | 291.74 |
| T-46017-B | Like above, for bass.  | 301.74 |
| 467505    | Crack clamp, 4 part - violin. Flat profile brass shafts. Moveable, glue-repellant polyamid jaws.   | 89.24  |
| GW467525  | Crack clamp, 4 part - cello. Flat profile brass shafts. Moveable, glue-repellant polyamid jaws.  | 227.14 |
| GW467555  | Crack clamp, 6 part - bass. Flat profile brass shafts. Moveable, glue-repellant polyamid jaws.   | 301.31 |
| GW467575  | Crack clamp for cello. Brass, 3 arms adjustable in length & angle, rotatable jaws.   | 413.71 |
| GW467620  | GEWA-OPTI Crack Repair Clamp System. For gluing horizontal cracks, perfect height compensation. 4 adjustable ball head steel screws on top & base. Violin.     | 342.66 |
| 467576    | Gewa crack clamp for bass  | 440.00 |



**"HERDIM" ASSEMBLY CLAMPS**

Gluing the table to the ribs of stringed instruments is a delicate procedure because of the risk of pressure marks and edge chipping. HERDIM Assembly Clamps are designed to eliminate that danger. Their pads go over the ridge of the edge of the violin or cello and exert pressure exactly where it is needed - directly over the rib to avoid any damage to the edge. Because of the precise application the necessary clamp pressure can be considerably reduced, compared to conventional clamps. The material used is glue repelling, non-aging and elastic to avoid pressure marks. The pads are parallel pin guided in a mortice for fast closing action.

**VIOLIN / VIOLA**

pads: polyurethane, brass bushings  
rod: steel, galvanized  
nut: brass

| no.    | color  | \$-net |
|--------|--|--------|
| 735601 | Blue. Lower/upper bout.                        | 23.16  |
| 735602 | Red. Corners.                                  | 24.82  |
| 735603 | Yellow. Inner bout.                            | 28.06  |
| 735600 | Set - 32 pcs. (blue - 20; red - 8; yellow - 4) | 699.83 |

**CELLO**

Precision clamps for cello assembling and repair. Similar to violin version but, due to higher load requirements, the jaws of the cello clamps are made from fiber-reinforced plastic. Herein elastic pads are inserted for an ideal synthesis of strength and surface protection without adding to the weight. The rod is mantled by a silicon tube to protect the edges of the instrument.

pads: fiber reinforced polyamide, brass bushings  
rod: steel, galvanized  
nut: brass

| no.    | color   | "A" Quality \$-net | "B" Quality \$-net |
|--------|---|--------------------|--------------------|
| 735631 | Blue  | 32.57              | 19.70              |
| 735632 | Red   | 32.57              | 19.70              |
| 735633 | Yellow  | 32.57              | 19.70              |
| 735630 | Set - 42 pcs.<br>(blue - 28; red - 8; yellow - 6) | 1,254.36           | -----              |

**HERDIM LATERAL CLAMP SPINDLES**

The ideal device for applying lateral pressure to the rib area, e.g. for leveling and properly aligning cracked ribs. To be used in conjunction with Herdim Assembly Clamps, above. Spindle with adjustable clamping pad and two locking screws.

| no.    | \$-net |
|--------|--------|
| 735605 | 65.48  |

**F-HOLE CLAMPS**

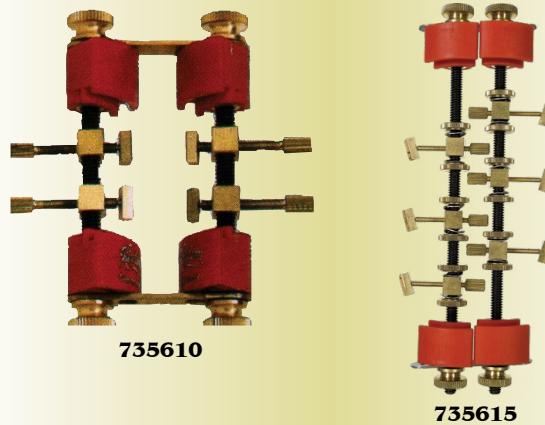
Fit through the f-hole for cleaving cracks without removing the top. Stainless steel profile, steel screw, gun metal finished, leather padded.

| no.    | depth                       | opening | \$-net |
|--------|-----------------------------|---------|--------|
| 705801 | 30mm                        | 30mm    | 27.00  |
| 705802 | 50mm                        | 30mm    | 27.00  |
| 705803 | 80mm                        | 30mm    | 27.00  |
| 705804 | 100mm                       | 30mm    | 27.00  |
| 705800 | Set: 4 pcs. (no. 705801-04) |         | 134.39 |

**HERDIM RIB CORNER REPAIR CLAMPS**

For re-gluing rib corners. Allows precise pressure to be applied directly to both sides of the rib corner.

| no.    | \$-net                                   |
|--------|--|
| 735610 | Violin/viola. Opening 50 mm, 4 spindles. |
| 735615 | Cello. Opening 150 mm, 6 spindles.       |

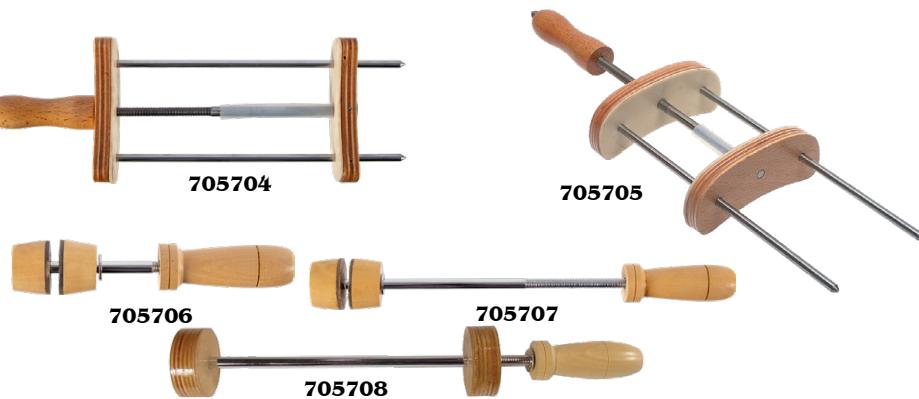
**HERDIM ALUMINUM CRACK CLAMP SET**

| no.    | \$-net   |
|--------|--|
| 735834 | Herdim® Aluminium Crack Clamps, Violin, Viola, 4-Piece Set |



## GLUING CLAMPS

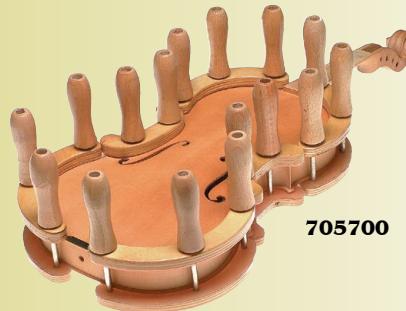
| no.    |                                | \$-net / ea. |
|--------|--------------------------------|--------------|
| 705704 | Cello & guitar.<br>German made | 94.19        |
| 705705 | Bass. German<br>made           | 94.19        |
| 705706 | Violin                         | 11.76        |
| 705707 | Cello                          | 13.86        |
| 705708 | Bass                           | 28.36        |



## GLUING CLAMP SETS

Hardwood pads with rubber lining.

| no.    |                 | \$-net |
|--------|-----------------|--------|
| 705700 | Violin, 6 parts | 361.44 |



## WOOD SCREW CLAMPS

Individual wood screw clamps, or spool clamps.  
Leather pads, nickel plated rod.

| no.     |                | \$-net |
|---------|----------------|--------|
| T2110AV | Violin / viola | 6.30   |
| T2110AC | Cello          | 7.65   |
| T2110AB | Bass           | 10.80  |



## 3-WAY CLAMP FOR VIOLIN

Light weight machined aluminum clamp for gluing top down on violin or viola. Swiveled, leather padded tightening screws on top and bottom. Side screw used to properly position rib in case of bulging.

| no.   |  | \$-net |
|-------|--|--------|
| T5011 |  | 21.60  |



**ALL TOOL PRICES ARE NET!!**

## PATCHING CLAMP

Lightweight machined aluminum, black anodized finish. Four inch throat with leather padded swivels.

| no.    |  | \$-net |
|--------|--|--------|
| PC1500 |  | 36.00  |



## WOLF ELIMINATOR CLAMP

Clamp for gluing the wolf eliminator to the interior of the cello. Depth 90 mm, opening 35 mm. Weight 39 gm. The swivel pad is adjustable in height.

| no.      |  | \$-net |
|----------|--|--------|
| GW415355 |  | 56.72  |



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### PURFLING GROOVE CUTTER

| no.    | description  | \$-net |
|--------|--|--------|
| 702522 | 0.5 mm blade, precision adjustable. Precisely machined from a solid brass bar. | 96.18  |
| 702523 | Set of two blades for 702522   | 34.37  |
| 700603 | American made with rosewood handle, Ibex.                                      | 90.00  |
| 700604 | Set of two (2) replacement blades for #700603.                                 | 18.00  |
| 702544 | Mach One purfling cutter, two blades.  | 164.01 |



### PURFLING CHANNEL CLEANER

| no.    | description                        | \$-net |
|--------|------------------------------------|--------|
| 700605 | With wooden handle, American made. | 18.90  |
| 700606 | Hardened & polished steel.         | 21.01  |
| 700608 | Forged, precision blade. Pfeil.    | 141.86 |

SEE PAGE H-5 - ELECTRIC ROUTER FOR CUTTING PURFLING CHANNEL



### PURFLING GAUGE

| item #   | description  | \$-net |
|----------|--|--------|
| GW481917 | Cutting gauge. For cutting borders, purflings, etc. Measuring scale up to 60 mm. Working scale 0 - 120 mm. | 32.83  |



### PATTERNS

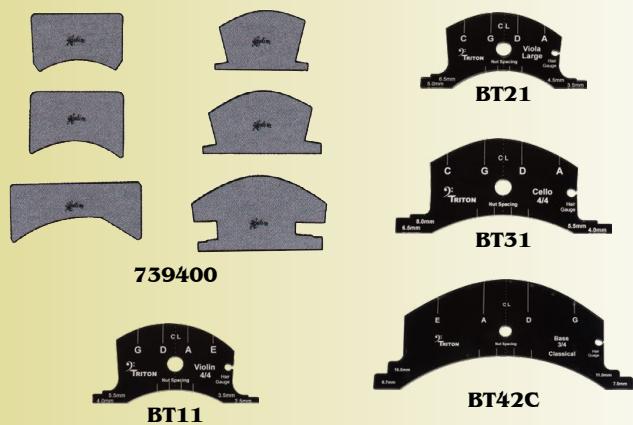
| no.     | description  | \$-net |
|---------|--|--------|
| T43     | Graduation and outline diagram. <b>Specify Strad. or Guarneri model.</b>       | 1.25   |
| T44     | F-hole pattern, PVC. <b>Specify Strad. or Guarneri model.</b>                  | 5.40   |
| T45     | F-hole pattern, zinc. <b>Specify Strad. or Guarneri model.</b>                 | 73.26  |
| T4921N  | Neck pattern, PVC.   | 7.20   |
| T4921NB | Neck pattern, zinc. <b>Guarneri model only - DISCONTINUED, WHILE THEY LAST</b> | 73.26  |
| T4924   | Body pattern, PVC. <b>Specify Strad. or Guarneri model.</b>                    | 7.20   |
| T4919   | Neck angle gauge.  | 20.25  |



ALL TOOL PRICES  
ARE NET!!

### BRIDGE & FINGERBOARD PATTERNS / TEMPLATES

| no.    | description  | \$-net |
|--------|--|--------|
| 739400 | Herdim precision patterns with tapered spurs at base of bridge patterns for gauging string height. 6-piece set for violin, viola, & cello. 0.5 mm thick stainless steel. Sizes according to Hans Weissbar. | 84.14  |
| BT11   | Bridge template for violin, 4/4 acrylic.   | 9.90   |
| BT12   | Bridge template, for violin, 3/4 acrylic.  | 9.90   |
| BT21   | Bridge template, for viola, 4/4 acrylic.   | 10.35  |
| BT31   | Bridge template, for cello, 4/4 acrylic.   | 10.35  |
| BT32   | Bridge template, for cello, 3/4 acrylic.   | 10.35  |
| BT42C  | Bridge template, for bass, 3/4 classic.  | 13.95  |



**BENDING IRONS**

Universal bending iron for violin, viola, cello & guitar. Rheostat control. Cast aluminum oval shape, mounts horizontal or vertical.

| no.    | description   | \$-net |
|--------|---|--------|
| T105   | Universal bending iron for violin, viola, cello & guitar. Rheostat control. Cast aluminum oval shape, mounts horizontal or vertical. 120V, 200W. 4 lbs.   | 405.00 |
| 703912 | Bending straps for use with T105, above. Violin / viola. For pressing the ribs against the bending iron. Made of highly flexible, 0.3 mm thick stainless steel fitted with a wire handle on each end. 50 mm x 320 mm. | 70.60  |
| 703913 | Bending straps for use with T105, above. Cello / guitar. 125 mm x 460 mm.   | 121.74 |

**T105**

**ALL TOOL PRICES ARE NET!!**



## UPDATES TO TOOLS

| PAGE  | DATE       | EXPLANATION   | PAGE                         | DATE       | EXPLANATION  |
|---|------------|---|------------------------------|------------|--|
| H20   | 1-1-2020   | MICRO-MESH PRICE INCREASE   | H6                           | 5-3-2023   | PRICE CHANGE: JAPANESE CARVING KNIFE SET #TL-I6S                               |
| H26   | 2-3-2020   | PRICE INCREASE: BEND-A-LIGHTS   | H12                          | 5-3-2023   | PRICE CHANGE: JAPANESE FEATHER EDGE SAW FILES #TL-DF100, TL-DF75DA, TL-DF100DA |
| MISC  | 2-3-2020   | PRICE INCREASE: MISCELLANEOUS TOOLS   | H22                          | 5-3-2023   | PRICE CHANGE: JAPANESE CHISELS #TL-INM...                                      |
| MISC  | 3-1-2020   | PRICE INCREASE: MISCELLANEOUS TOOLS   | H9                           | 9-11-2023  | PRICE CHANGE: GW464750, GW464760   |
| H7  | 4-7-2020   | ADDED ITEM #4465 (SEAM SEPARATION KNIFE); RE-PURPOSED ITEM #700401 (USED TO BE SEAM SEPARATION KNIFE) | H20                          | 1-1-2024   | PRICE CHANGE: MICRO-MESH   |
| H9  |            | PRICE INCREASE: ITEM # G50  | H36-H77                      | 1-1-2024   | UPDATED CORE TOOLS SECTION   |
| H24   |            | ADDED KAISER CORK FORMS   | H70                          | 1-5-2024   | FIXED PHOTO CAPTION ITEM #CT-842.610   |
| H7  |            | PRICE CHANGE: SEAM SEPARATION KNIFE #4465   | H2-H35                       | 2-1-2024   | PRICE CHANGE: MISC. AMERICAN-MADE TOOLS  |
| H17   | 7-10-2020  | REMOVED ITEM GW486610 - NO LONGER AVAILABLE   | H9, H26                      | 2-22-2024  | NO LONGER AVAILABLE: 706125, 706126, 707113                                    |
| H8  | 8-18-2020  | UPDATED PRICING ITEM #706012  | H2-H35                       | 4-8-2024   | MISC TOOL PRICE CHANGES  |
| H25   | 9-1-2020   | PRICE INCREASE: ITEM #'s AC270W, AC272W   | MISC.                        | 4-24-2024  | PRICE CHG: ULSA TOOLS  |
| H3  | 9-1-2020   | PRICE INCREASE: ITEM #'s 730111, 278  |                              | 5-8-2024   | MOVE BOWMAKER TOOLS TO BOWPARTS SECTION OF CATALOG                             |
| H33   | 11-5-2020  | PRICE INCREASE: ITEM #702522  | H8                           | 5-29-2024  | ITEM #736002 NO LONGER AVAILABLE   |
| H35   | 2-1-2021   | ITEM SCALE3 NO LONGER AVAILABLE   | H27                          | 8-7-2024   | ITEM 705815 NO LONGER AVAILABLE  |
| MISC  | 3-1-2021   | PRICE INCREASE: MOST TOOLS  | H63                          | 8-7-2024   | ITEM CT-809.138 CHANGE DESCRIPTION   |
| MISC  | 4-23-2021  | PRICE INCREASE: MANY TOOLS, INCL. HERDIM  | H25                          | 8-27-2024  | NEW ITEM: T7103 BASS FOOT FITTER   |
| H2, H6, H30                                 | 6-21-2021  | DISCONTINUED: GW466100, 710512, 710516, T-2700  | H3, H25                      | 11-1-2024  | PRICE CHG: ALL WITTNER ITEMS   |
| MISC  | 7-1-2021   | PRICE INCREASE: WITTNER PRODUCTS  | H17, H25, H26, H34           | 2-1-2025   | PRICE CHG: SOME IBEX PLANES, T7103, 700101, T105                               |
| H18   | 11-4-2021  | ITEM GW485085 NO LONGER AVAILABLE   | H6, H13, H22                 | 2-1-2025   | PRICE CHG: SOME HOSCO TOOLS  |
| H19   | 11-4-2021  | PRICE INCREASE: ITEM #707100  |                              | 5-12-2025  | PRICE CHANGE: MOST ITEMS IN THIS SECTION - TARIFF ADJUSTMENT                   |
| H8  | 11-4-2021  | ITEMS 706011 & 706012 NO LONGER AVAILABLE   | H57                          | 6-10-2025  | NO LONGER AVAILABLE: GW482805  |
| H8  | 11-4-2021  | NEW ITEM: 09A0284 GLUE POT (REPLACES ITEM 706011)   | H62                          | 6-10-2025  | NO LONGER AVAILABLE: GW485087  |
| H18, H23, H25, H26, H27, H30, H32, H33, H35 | 1-1-2022   | PRICE INCREASE: TAPE MEASURES, 701604, BSW2, 706900, MISC. CLAMPS, MISC. SOUNDPOST TOOLS,             | H49                          | 8-14-2025  | REMOVED: ITEM #'s GW481904 & 907   |
| H23   | 1-18-2022  | DELUXE JAPANESE SCROLL GOUGES NO LONGER AVAILABLE   | MISC                         | 8-28-2025  | PRICE CHANGE - MISC ITEMS - TARIFF ADJUSTMENT                                  |
| MISC  | 2-1-2022   | MISCELLANEOUS PRICE CHANGES   | H64                          | 10-1-2025  | PRICE CHANGE: MICROMESH ITEMS  |
| H22   | 2-9-2022   | ITEMS TL-NM6, TL-NM9 NO LONGER AVAILABLE  | H48, H51, H66, H72, H73, H77 | 10-9-2025  | PRICE CHANGE: ITEM #'S 700395, 700608, 700837, 700398-399, 702544, 735808      |
| MISC  | 2-9-2022   | PRICE INCREASE: ITEMS 700104, 705704, 705705, 705832, T-46017   | H49                          | 10-9-2025  | PRICE REDUCED - GW481902   |
| H3, H25                                     | 3-23-2022  | PRICE CHANGE: WITTNER PRODUCTS  | H53                          | 10-10-2025 | PRICE CHG: ITEM #G50   |
| H20   | 4-29-2022  | PRICE CHANGE: MICRO-MESH PRODUCTS   | H53                          | 1-14-2026  | NEW ITEMS: G50-411, G50-192, G50-251   |
| H30   | 8-26-2022  | NEW ITEM: 467576 GEWA CRACK CLAMP FOR BASS  | MISC                         | 1-30-2026  | PRICE CHG: IBEX PLANES, MISC AMERICAN-MADE ITEMS                               |
| H22   | 10-20-2022 | ITEM #TL-NM12 NO LONGER AVAILABLE   |                              |            |  |
| H36-H57                                     | 11-13-2022 | NEW CORE TOOLS  |                              |            |  |
| MISC  | 1-7-2023   | PRICE CHANGE: MISC TOOLS  |                              |            |  |
| MISC  | 2-15-2023  | PRICE CHANGE: ULSA TOOLS  |                              |            |  |
| H3, H25                                     | 3-1-2023   | PRICE CHANGE: ITEM #'s 278, 730111; AC270W, AC272W  |                              |            |  |

