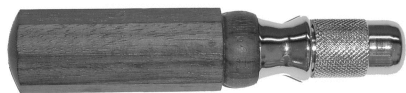


REGULATING TOOLS

High quality, plated tools fit snugly into combination handles. Great for tool kits where space is limited.

ROSEWOOD COMBINATION HANDLE



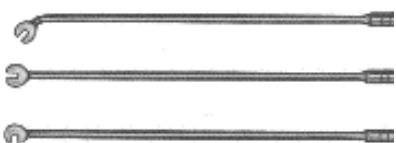
5" handle of rosewood snugly holds all combination style tools.
#JCH-1 Rosewood Handle

SPOON BENDER



The best tool for the job. 6" long.
#JCH-15 Spoon Bender

DAMPER WIRE REGULATORS



45°, 90°, or no angle. 7¼" in length.
#JCH-18A 90° angle
#JCH-18B No angle
#JCH-18C 45° angle

OFFSET DAMPER TOOL



For bending upright damper wires side to side. 7¼".
#JCH-20 Offset Damper Tool

JACK SCREW DRIVER



5/32" opening for turning grand flat jack screw heads. 6½".
#JCH-19 Jack Screw Driver

BACKCHECK WIRE REGULATOR



5½" tool for bending backcheck or bridle wires in any direction.
#JCH-13 Backcheck Tool

MULTI-WIRE BENDER



Unique 7¼" tool with multiple slots for bending wires.
#JCH-35 Multi-Wire Bender

SPOON BENDING TOOL



Tool has 2 bends in shaft, for access around wippen without removing action. 6" overall.
#JCH-34 Spoon Bending Tool

DROP SCREW DRIVER



Recessed opening fits over drop screw heads for easy turning. Overall length 9".
#JCH-32 Drop Screw Driver

SLOTTED SCREWDRIVERS



1/8" blade; 6" long.
#JCH-14 Small Screwdriver
1/4" blade; 8" long.
#JCH-16 Large Screwdriver

ACTION SCREWDRIVERS



3/8" blade; 4½" long.
#JCH-21 Short Action Driver
3/8" blade; 8" long.
#JCH-22 Long Action Driver

PHILLIPS SCREWDRIVER



8¼" overall length.
#JCH-37 Phillips Screwdriver

FLANGE SPACER



11/16" blade for moving action flanges, especially upright hammer butt or wip flanges. 9¼" in length.
#JCH-33 Flange Spacer

REGULATING TOOLS

CAPSTAN REGULATOR



Slim design. 7½" overall.

#JCH-17 Capstan Regulator

LET-OFF REGULATORS



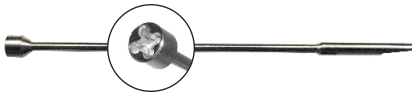
Opening 3/8" wide. 7¼".

#JCH-12 Let-Off Tool

Opening 5/16" wide. 9¾".

#JCH-31 Let-Off Tool

LET-OFF REGULATOR



For easy finding and regulating of let-off eye screws, this tool has oval opening that cross at 90°. 7¾" long.

#JCH-24 Let-Off Tool

OFFSET KEY SPACER



Offset specially designed to reach past front rail pins for easy access to balance rail pins.

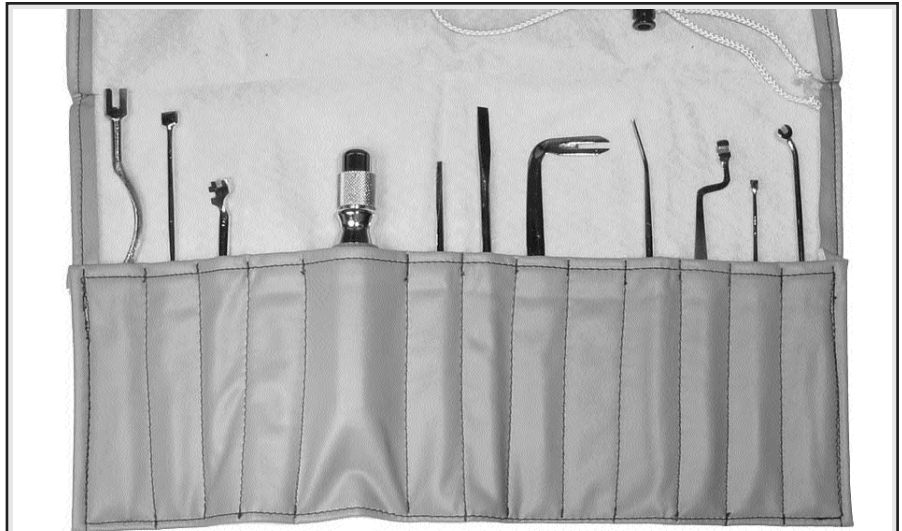
#JCH-11 Offset Key Spacer

BALANCE HOLE EASER



Triangular head for easing balance rail holes. Length is 3¼".

#JCH-23 Balance Hole Easer



COMBINATION HANDLE REGULATING KIT

Regulating Kit includes one each:

#JCH-11 Key Spacer #JCH-12 Let-Off Tool #JCH-13 Backcheck Tool
#JCH-14 Small Driver #JCH-16 Large Driver #JCH-15 Spoon Bender
#JCH-17 Capstan Tool #JCH-34 Damper Tool #JCH-19 Jack Screwdriver
#JCH-18C Damper Tool #JCH-1 Combo Handle #CSE-160 Tool Roll

#JRK-12 Combination Handle Regulating Tool Kit

#CSE-160 Vinyl Tool Roll only (without tools)

BRIDGE WIRE POSITIONER



Slotted end holds music wire so it can be more easily manipulated between bridge pins. About 5" long.
#JCH-40 Bridge Wire Positioner

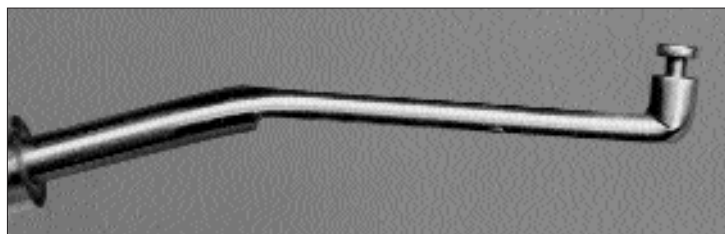
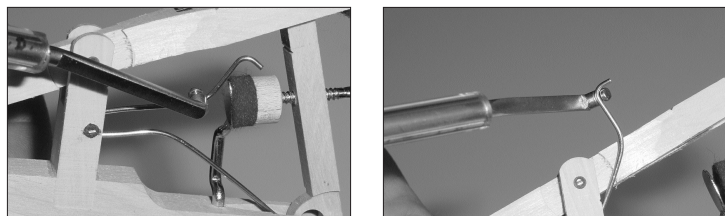
UPRIGHT LID PROP

For holding upright lids open during servicing.

#ULP-1 Upright Lid Prop



REGULATING TOOLS



HART SPRING TOOL

The Hart Spring Tool is designed specifically for regulating tension of the butterfly type spring. The circular notch allows use from any position, and cannot kink the spring. Absolutely the best spring regulation tool made. Works great on hammer butt and damper lever springs. Well-crafted in stainless steel for a lifetime of use. Measures 6½" in length.

#HST Hart Spring Tool

UPRIGHT SPRING TOOL



For adjusting action springs. Long and slim for easy access in upright actions. 11" long.

#JSA-1 Upright Spring Tool

ACTION SCREWDRIVER



Mounted on its own wooden handle for more positive driving. 1/4" blade for use on action screws. 9¾" long.

#JAD-1 Action Screw Driver

CAPSTAN WRENCH

Features angled handle for easier access to capstan screws. 1/4" opening. Black oxide finish. Approximately 6¾" in length.

#JCW-1 Capstan Wrench



SQUARE CAPSTAN REGULATOR



Fits most square-shouldered capstan screws. 8" long.

#SCR-1 Square Capstan Regulator

LONG CAPSTAN REGULATOR



With lightweight wooden handle and long shaft. 9¾" in length.

#JCR-1 Long Capstan Regulator

GRAND CAPSTAN REGULATOR



Especially for grands. Handle is close to tip for better control when reach is not a factor. 6" long.

#JCR-2 Grand Capstan Regulator

CAPSTAN REGULATOR



Medium length of 7¼". With wooden handle.

#JCR-3 Capstan Regulator

STEINWAY CAPSTAN REGULATOR



Flat steel, double-ended. For Steinways. 7½".

#SCR-2 Steinway Capstan Regulator

REGULATING TOOLS

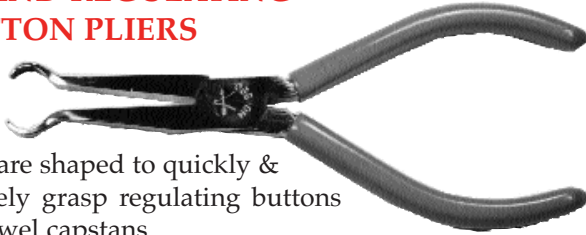
LET-OFF REGULATOR



Features unique oval openings that cross at 90°, for easy regulation of let-off eye screws.

#JLR-1 Let-Off Regulator

GRAND REGULATING BUTTON PLIERS



Jaws are shaped to quickly & securely grasp regulating buttons or dowel capstans.

#JBP-1 Grand Regulating Button Pliers

UPRIGHT JACK SCREWDRIVER



Jack screw driver with lightweight wooden handle. 7".

#JJS-1 Jack Screwdriver

DOUBLE DROP SCREWDRIVER



For grand drop & jack screws. Features 2 ends: one for small spade heads, one for slotted screw heads. 7¼".

#JDD-3 Double Drop Screwdriver

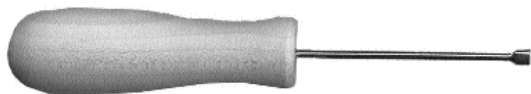
DROP SCREW TOOL



Grand drop screw regulator for slotted screws. Round casing prevents slippage. 5½" long.

#DS-62 Drop Screw Tool

GRAND DROP SCREWDRIVER



Drop screw driver with shaped wooden handle.

#JDS-2 Grand Drop Screwdriver

PRECISION LET-OFF TOOL



Let-off tool for Steinway and all other grands. Precision-machined for perfect eye-screw fit. Measures 5½" long. Two profiles (one end deep, one shallow) for ease of use. An essential, very high quality tool.

#LFT-4 Double End Let-Off Tool

LET-OFF RATCHET *Also works on Damp-Chaser screws!*

For Steinway & most grands or uprights with let-off eye-screws. Smooth ratchet action allows quick adjustment in either direction. 3¾" in length.



#CM-13 Let-Off Ratchet

Also available in kit with 2 slotted and 2 Phillips tips.

#CM-13K Ratchet Kit with 4 Screwdriver Tips (1/4", 3/8", No. 1 & 2 Phillips)



MAGNETIC STRIPS

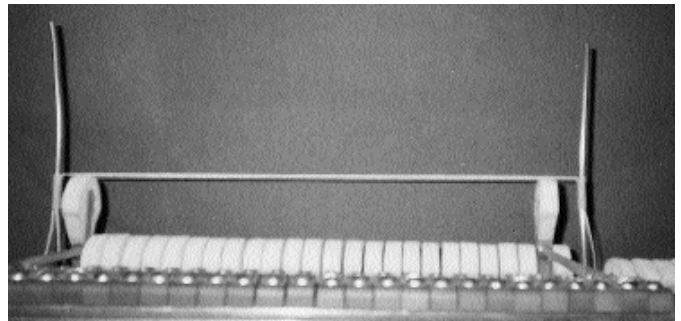
For setting vertical or grand let-off. 36" long strips stick to plain music wire. Two thicknesses.

#MAG8 1/8" Magnetic Strip

#MAG16 1/16" Magnetic Strip



TAUTLINE TOOL



Clever fixture for setting grand let-off on the bench. Quickly mounts to action bracket screws. Easily adjusted to any height. Works on all grands.

#TLRG Tautline Tool

TOOLS

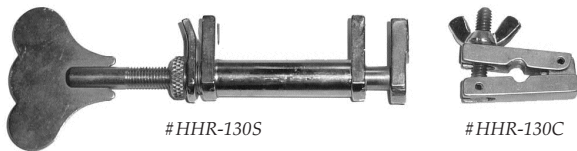
STRAIGHT BALANCE HOLE REAMERS



Straight fluted reamers for easing key balance holes from key bottom. Will not over-ease hole. Use with our #PV-93 Pin Vise (page D-15).

PART #	DIAMETER	FOR PIN SIZE
#KCS-1475	.1475" Reamer	.145" / .146"
#KCS-1630	.1630" Reamer	.160"
#KCS-1395	.1395" Reamer	.137"

HAMMER HEAD & BUTT EXTRACTOR

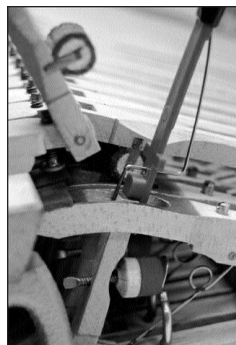


For removing either hammer head or butt from shank without damage. Upright extractor for shanks greater than 3/4" in length. Spinet extractor for shanks 2/4" or shorter. If the shank is broken, you must use the clamp in conjunction with either extractor.

- #HHR-130X Upright Hammer Extractor
- #HHR-130S Spinet Hammer Extractor
- #HHR-130C Clamp for Hammer Extractor

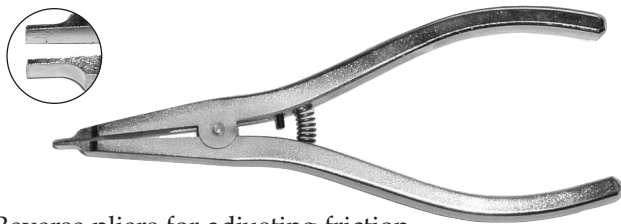
GRAND JACK ALIGNMENT TOOL

Jack alignment you can see. Simply adjust the jack until the small side wing on the tool meets the back of the adjacent knuckle core. Really simplifies the task. Approximately 2 7/8" in length.



#NL-100 NuckLJac Tool

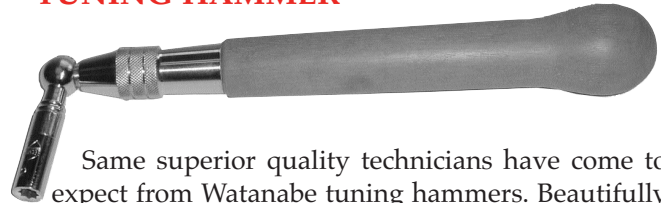
VIENNESE ACTION PLIERS



Reverse pliers for adjusting friction between the kapsel fork and hammershank axel pins in Viennese fortepiano actions.

#VKP-10 Viennese Action Pliers

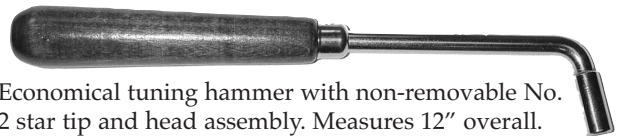
WATANABE BALL-HANDLE TUNING HAMMER



Same superior quality technicians have come to expect from Watanabe tuning hammers. Beautifully finished hardwood handle with ball end for increased comfort. 11" in length. Includes No. 2 star tip.

#TH-2B Watanabe Ball-Handle Tuning Hammer

GOOSENECK TUNING HAMMER



Economical tuning hammer with non-removable No. 2 star tip and head assembly. Measures 12" overall.

#TH-3G5 Gooseneck Tuning Hammer

T-HANDLE TUNING HAMMER



Rugged T-handle with non-removable square tip and head assembly. 6" long.

#TH-12T T-Handle Tuning Hammer

CORK INSERTING TOOL



Lightweight tool for inserting bridle strap corks into catcher hole. 4" in length. For combination handle.

#CK-141 Bridle Cork Inserter

JACK SPRING HOLE REAMER



Serrated end quickly removes dried glue from jack spring hole. 4 7/8" in length.

#JR-127 Jack Spring Hole Reamer

PERMA-GRIT CHAMFER BIT



Rough-grit tungsten carbide abrasive bit for chamfering holes in wood, such as capstan holes. Will not chatter.

#F-15LC Perma-Grit Chamfer Bit