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**AUTOMATION ENGINEERS**

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# AUTOMATION ENGINEERS

*New Arrival*

FINEST  
ACCESSORIES  
AND TOOLS  
FOR  
VIOLIN  
FAMILY  
INSTRUMENTS

# AUTOMATION ENGINEERS

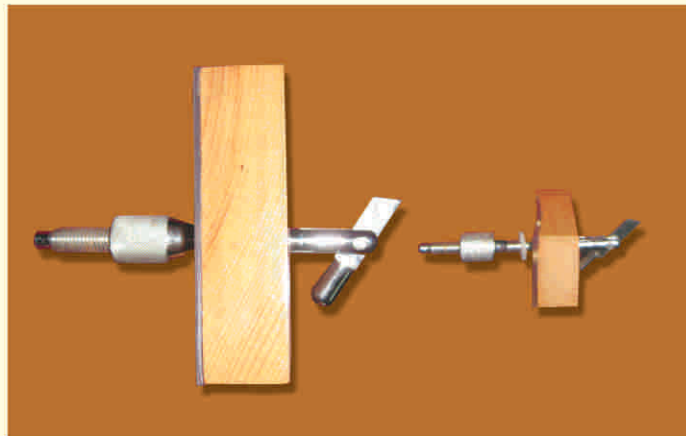
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## NEW ITEMS

### Side Clamp

Useful for gluing of loose sides to lower block when instrument is closed.

Code No.	Item
061015	Violin
061016	Cello



### Edge Clamp

Adjustable in vertical, horizontal and angular disposition, fitted with 4-screws, the clamps have wide application in construction and restoration.

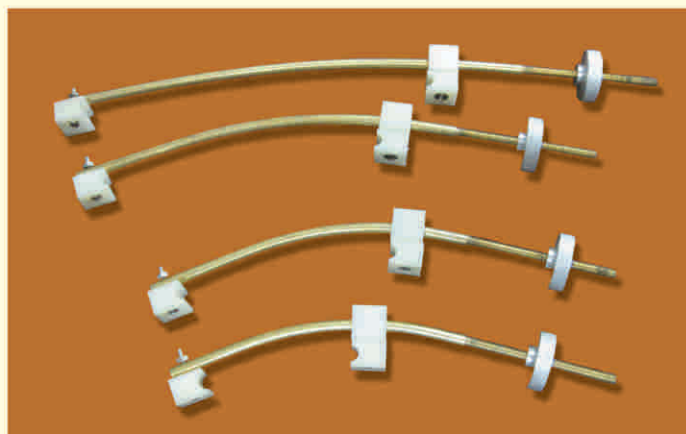
Code No. 061018



### Brass Joining Clamp

Made of Brass – Available in Set of 4

Code No: 061031.



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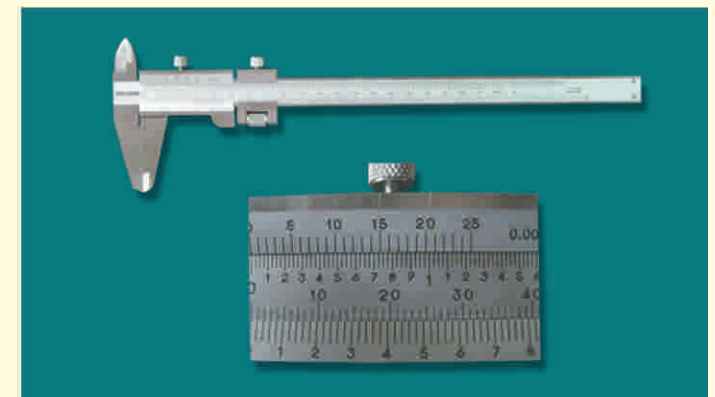
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## NEW ITEMS

### Vernier Caliper

200mm – Least count 0.2mm on vernier scale

Code No: 065340



### Precision Protractor

Highly precise within a range of 0-180°

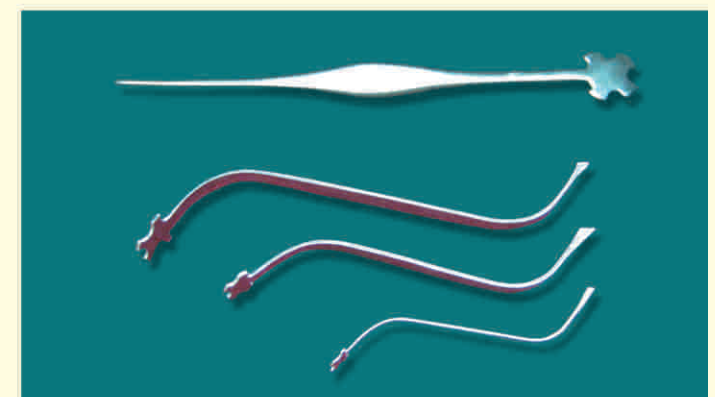
Code No: 065345



### Sound Post Setter

Precisely Fabricated and delicately plated

Code No:	Item
065235	Violin
065236	Viola
065237	Cello
065238	Bass



### Marking Gauge

Made from Beech Wood, useful for delicate marking.

Code No: 060011



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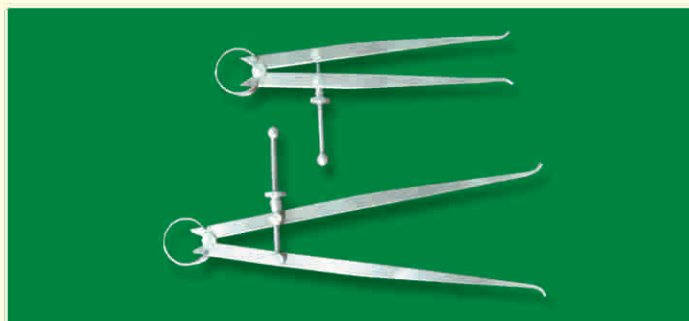
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## NEW ITEMS

### Inside Caliper

Fitted with adjustable Screw.

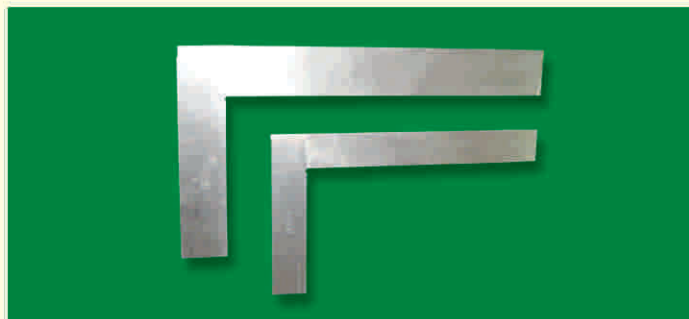
Code No:	Item
065320	150mm
065322	200mm



### Tri-Square

Accurately ground faces

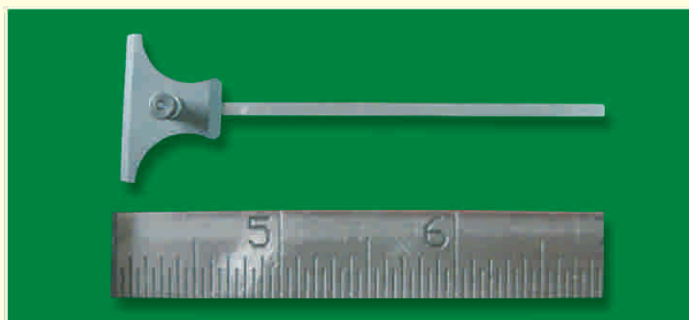
Code No	Item
065325	150mm
065327	200mm



### Depth Gauge

Accurately ground faces

Code No:	Item
065330	150mm



### Steel Scale

Code No:	Item
065332	150mm
065334	300mm



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## NEW ITEMS

### Crack Clamps

Adjustable glue-repellent jaws fitted on flat brass Shaft useful for construction and restoration of Instruments.

Code No.	Item
061035	Violin –Set of 4
061036	Cello – Set of 4
061037	Bass – Set of 6



### Planes

Made in Gun-Metal body and fitted with High Speed Steel Hardened Blades, the Planes are for tough and smooth application.

Code No	Item
065110	Arched Sole 55mm long with 20mm wide blade
065115	Arched Sole 50mm long with 18mm wide blade
065120	Flat Sole 50mm long with 18mm wide blade
065125	Arched Sole 40mm long with 13mm wide blade
065130	Arched Sole 32mm long with 10mm wide blade
065135	Arched Sole 25mm long with 7mm wide blade





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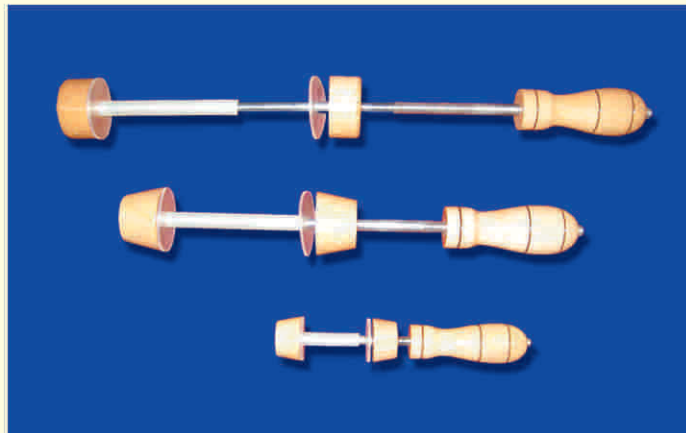
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## NEW ITEMS

### Walnut Gluing Clamp

Handles and jaws made of delicately finished Walnut wood. Nickel plated spindle running in threaded bushing is lined with soft sheathing. Contact faces of jaws have soft Polyurethane Presser Pads.

Code No.	Item
061075	Gluing Clamp for Violin-Max opening 75mm
061076	Gluing Clamp for Cello-Max opening 180mm
061077	Cluing Clamp for Bass-Max opening 280mm



### Gluing Clamp for Resonator

Special Gun-metal clamp for gluing in resonator.

Code No. 061079



### Parallel Clamps

Nickel plated jaws close at a wide range of angles and can hold irregular shaped objects with ease. Max. opening 50mm. Depth-70mm.

Code No. 061080



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## NEW ITEMS

### Brass Purfling Cutter

Fitted with two steel knives in square section Hollow Brass Tube, shaped for convenience in operation.

Code No: 060021



### Divider

Fitted with adjustable Screw.

Code No:	Item
065310	150mm
065312	200mm



### Outside Caliper

Fitted with adjustable Screw.

Code No:	Item
065315	150mm
065317	200mm



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## NEW ITEMS

### Bending Iron

Universal type for all applications. Aluminium body with thermostatic control at 220Volts operations.

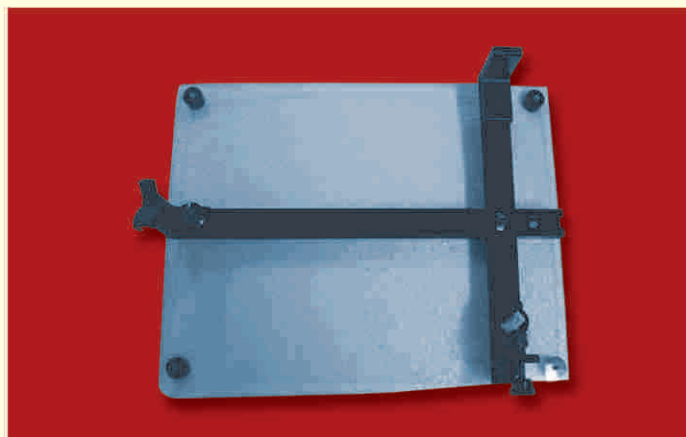
Code No: 065210



### Instrument Fixtures

Adjustable for Violin & Viola

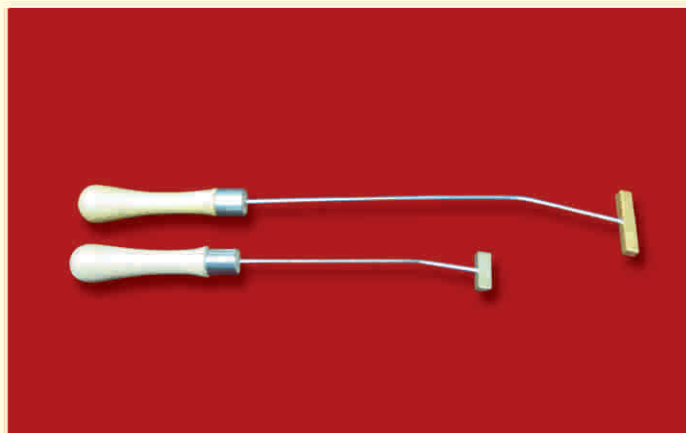
Code No: 065220



### Sound Post Hammer

Fitted with delicately finished wooden handle, the hammers are conveniently shaped.

Code No: 065230, 065231



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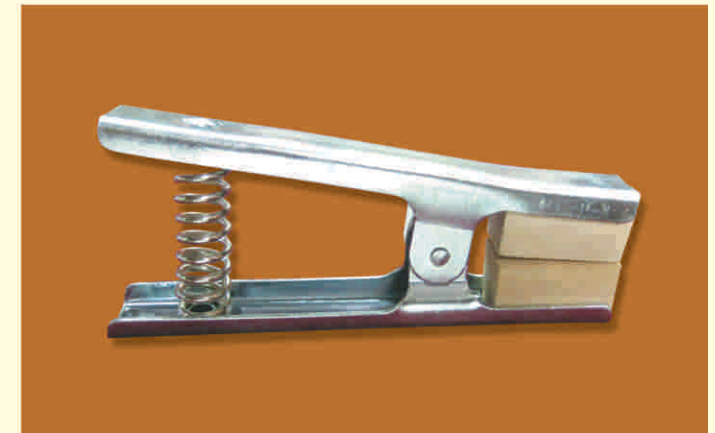
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## NEW ITEMS

### Lining Clamp

Fitted with Wooden jaws and strong spring, these clamps are a very useful gadget for construction work.

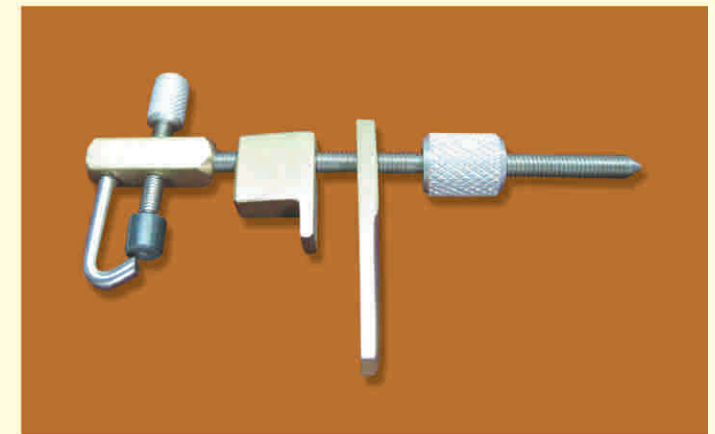
Code No. 061081



### Special Clamp

For delicate clamping in F-Holes and such other applications.

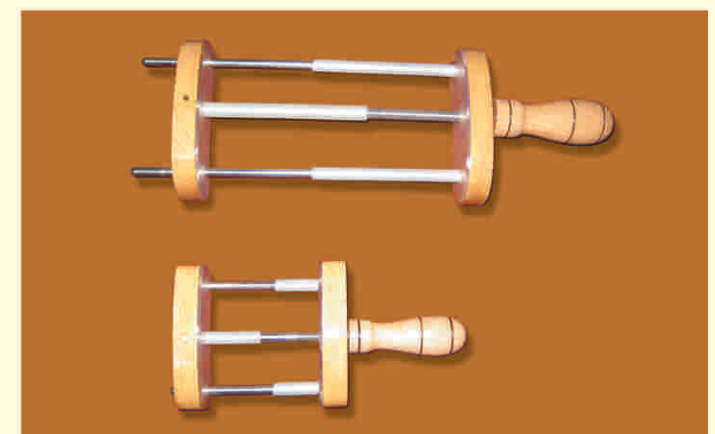
Code No: 061082.



### Gluing Clamp-Wide Jaw

Handles and Jaws made of delicately finished wood. Nickel Plated spindles and guide pillars are lined with Soft sheathing. Contact faces of jaws have soft Polyurethane Presser Pads.

Code No.	Item
061012	Violin-Max. opening 75mm
061013	Cello & Guitar-Max. opening 195mm



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## NEW ITEMS

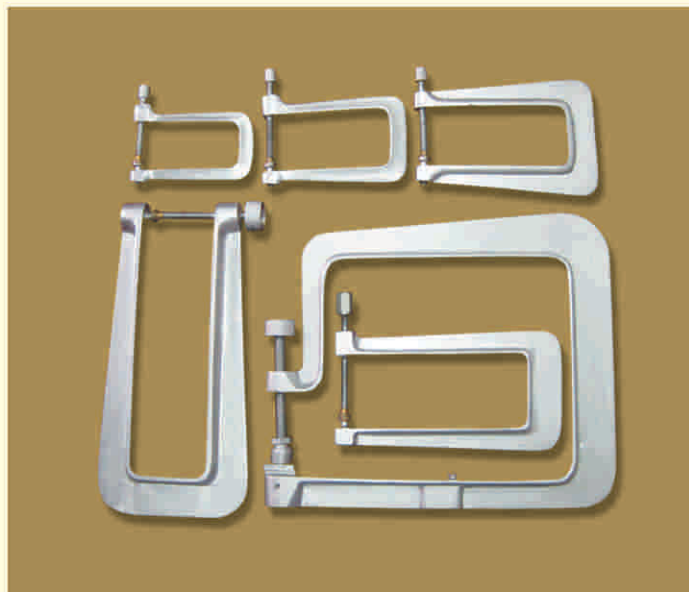
### Construction Clamp

Cast Aluminium in Heavy Section with swiveling jaws and robust screw. Useful for construction and restoration of wide range of instruments.

Available in six different sizes.

The largest clamp is of Drop-Neck design.

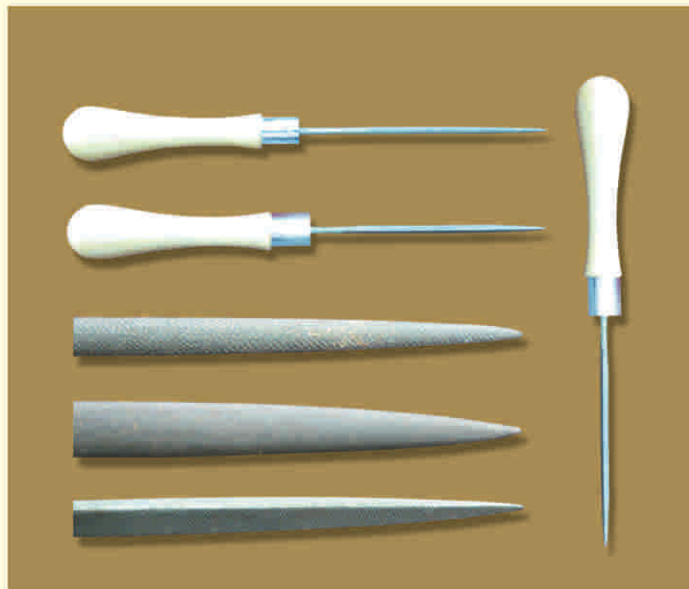
Code No.	Jaw Depth (mm)	Max.Opening
062013	90	30
062014	105	40
062015	125	40
062016	150	45
062017	220	50
062018	240	40 (180)
062019	Set of 6 Pcs.	



### Needle Files

For precision work and great finish in difficult corners. Fitted with delicately polished wooden handle, the files have a hardness of Rc60 approximately. All the files are tapered to a needle point at the end and have a cutting length of 80mm.

Code No.	Item	
065010	Round	— Coarse
065011	Round	— Fine
065012	Triangular	— Coarse
065013	Triangular	— Fine
065014	Square	— Coarse
065015	Square	— Fine
065016	Half Round	— Coarse
065017	Half Round	— Fine
065018	Flat	— Fine
065019	Trapezoidal	— Coarse
065020	Trapezoidal	— Fine
065022	Set of 11 Pcs.	



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## NEW ITEMS

### Wood and Metalworking Files

Fitted with delicately polished wooden handle, the files have a hardness of Rc.60 approximately. The files perform exceedingly well on wood, glued joints, laminates and metal parts without clogging.

Code No.	Item	
065050	Round Mediu	— 135mm
065051	Square Medium	— 135mm
065052	Flat Medium	— 135mm
065053	Half Round Medium	— 135mm
065060	Round Coarse	— 180mm
065061	Square Coarse	— 180mm
065062	Flat Coarse	— 180mm
065063	Half Round Coarse	— 180mm



### Woodworking Rasp

Fitted with delicately polished wooden handle, it is a versatile wood working tool with machine-raised rasp teeth. It is suitable for any type of wood & plastic.

Code No.	Item	
065080	Half Round	— 180mm
065085	Flat	— 225mm

