

HOSCO® Luthier Tools Catalog 2024-2025



https://www.hosco.co.jp/en

HOSCO®

Luthier Tools

Catalog 2024-2025







INDEX

Nut & Saddle work



HOSCO Nut Work Table 6
Nut and Saddle Shaping Files 6
String Guide Saw
GrooBar™ -Nut Slot Assist Tools 7
Black Nut Files 8
Line Round Files
Double Edge Nut Files10
Edge-Cut Nut Files10
Saddle Slot Files11

Head & Fingerboard work





90		10	7-	
3	1	4		
	C	O.		
				_

эсер Бітіі Бісэ	12
Jewelers Saws	13
Super Q Jewelers Saw Handle	13
Jewelers Saw Super Q Blades	13
Fret Slot Cutting Saws	14
Fret Slot Cleaning Saws	14
Fret Slot Saw Guide	15
Low Tack Masking Tapes	16
Sanding Materials	16
Kovax Rolled Sandpapers	16
Self-adhesive Diamond Sheets	16
Sanding Blocks	17
2 Way Sanding Blocks	17

Fret work









ret Cutters	18
ret Pullers	19
ret Tang Nippers	19
ret Setter	20
lammers	20
HOSCO Fretting Hammer	20
Twin Hammers	20
ret Polishing / Sanding Rubbers	21
Zone File	22
ret Leveling File	22
Diamond Fret Level and Crown Files	23
3 in 1 Diamond Fret Crown File	23
Compact Fret Crown Files	24
ret Crown Files	24
JFO (Ultimate Fret crown Optimizer)	25
ret-end Dressing Files	25

Saws, Knives, Chisels









and Jig Saw / Peghole Saw	26
ush Cutting Saw	27
zebiki Saw	27
ozuki Saws (Back Saws)	27
racing Saw	27
nives	28
High-end Fancy Kiridashi Knives	28
Fancy Kiridashi Knives "UNRYU"	28
Kiridashi Knives	29
Wood Curving Knife	29
"Kuri" Knives with Special Wooden Handle	29
"Kogatana" Knife set	30
"Kuri" Knives	30
panese Gouges	30
licro Chisels	31
nanese Chisels (Tataki-Nomi)	31

 Japanese Kujiri (Eyeleteer)
 26

 Fine Cut Saws
 26

Files, Sanding tools









Flat CP Files32
Half-round CP Files32
Wood Saw Rasps33
Line Round Files33
Feather Edge and Feather Edge Diamond Files34
Feather Edge File34
Feather Edge Diamond Files34
Standard File Sets34
Sanding Sheets35
SHINEX Sanding Sheets35
Kovax Finish Repairing Papers and Rubber Blocks for KFRP 36
Kovax Rubber Blocks for KFRP36
Kovax Rolled Sandpapers37
Self-adhesive Diamond Sheets37
Kovax Water Proof Sandpapers37
Sanding Blocks38
2 Way Sanding Blocks38
Scrapers38
Long Scrapers38
Wide Scrapers39
Standard Scraper Set39
Shaped Small Scraper Set39

CP(Chemical Polishing) Files32

Glue



Hide Glue	40
Binding Glue	41

Working tools

Gauges



Step Gauges	.42
Fingerboard Radius Gauge	.44
Rulers w/ Inch Conversion Table	.44
Protractor	.44
Taper Gauge	.45
Mini Stainless Square	.45
Profiling Gauge	.45
Thickness Gauge	.45

Fine Tuning



Guitar Nut Cube (5 in 1 wrench)	46
Wrenches	47
Hex Wrenches	47
Truss Rod Wrenches	47

Workshop Gadget



2-way Neck Support	48
Workbench Mat	48
HOSCO Work Apron	49
Tool Bags	49

Tool Caring



Ceramic Stones	50
Ceramic Combination Stones	50
Ceramic Single Stones	50
Diamond Hones	51
Table-top type Diamond Hones	51
Handy-type Dual Grit Diamond Plates	51
Tool Maintenance Oil	51

Violin Tools



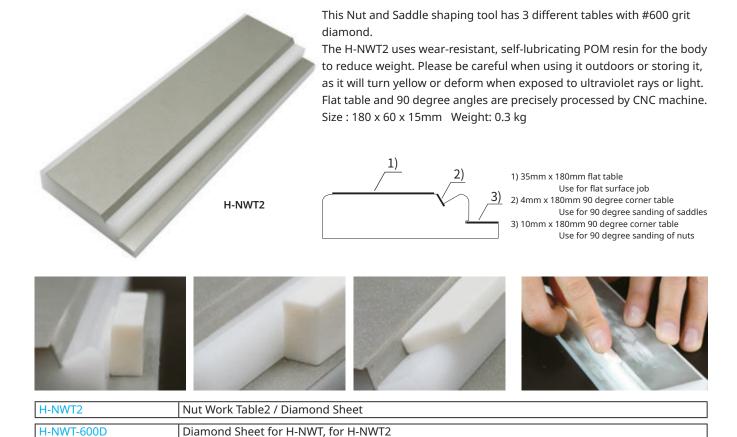
Violin Nut Files	52
Violin Nut Files	52
Line Round Files	52
Peghole Saw / Hand Jig Saw	52
Kujiri (Eyeleteer) and Micro Chisels	52
Japanese Gouges	53
Knives	53
Hide Glue	53
Scrapers	53
The Standard Scraper Set	53
The Shaped Small Scraper Set	53

Maintenance



EASY FRET CARE	54
Wiping Cloths	55
HOSCO Ezo-deer skin cloth Made in Japan	55
Professional Care Cloth for superior finish	55
Humidity Control Items	56
Fret Shield	56
Hygrometer / Thermometer	57

HOSCO Nut Work Table

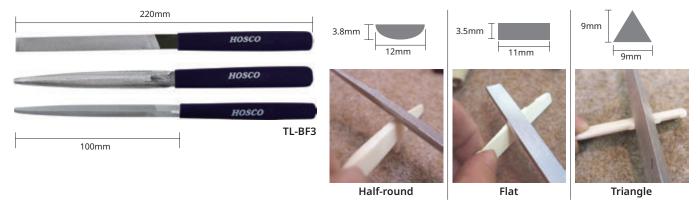


^{*}The back of the diamond sanding sheet is an adhesive sheet.

Diamond Sheet for H-NWT, for H-NWT2

Nut and Saddle Shaping Files

3 different shapes (Flat, Half-round and Triangle) are available. All files are "non-clog" coated to ease removing sanding dusts of any material from the teeth.



TL-BFHR	Half-round
TL-BFFL	Flat
TL-BFTRI	Triangle
TL-BF3	Set of 3 shapes / non-clog coated / Nut and Saddle Shaping File Set

Maintenance

String Guide Saw



Blade Thickness: 0.2mm (0.0078") Blade Pitch: 0.3mm (0.012")

It is surprisingly difficult to put a guide groove in an unmachined nut, and the nut file may slip. That is the case when this string guide saw helps. The blade thickness is 0.0078", which is thinner than that of a standard electric guitar's 1st string, so it can make a guide cut without affecting the nut groove.

The black blade makes it easy to check the blade position, and the tip of the saw is not edged to prevent damage to the headstock or fingerboard.

It can be used for either push or pull cutting.









H-SGSW

String Guide Saw

GrooBar™ -Nut Slot Assist Tools-

The nut files can get to your target depth quickly. Material: Non-hardened steel / Size: 12.5mmx80mm



L Thickness: 1.07mm (0.042")

L 127mm GROO'BAR" 0.050

L Thickness: 1.27mm (0.050")

GROO'BAR'

M Thickness: 1.42mm (0.056")

H-GB4

Nut Slot Assist Tool for guitars Set of 4 GROO'BAR"

H Thickness: 1.65mm (0.065")

GROO'BAR" U Thickness: 0.81mm (0.032")



U Thickness: 0.91mm (0.036")



L Thickness: 1.07mm (0.042")

H-GB4U

Nut Slot Assist Tool for ukuleles Set of 4

GROO'BAR"

Click here for explanation video.

L Thickness: 1.27mm (0.050")

GROO'CAR"

L Thickness: 1.07mm (0.042")

H-GB-042

GROO BAR" L Thickness: 1.27mm (0.050")

H-GB-050 0.050" Set of 4

Simplified chart for fret height and Groobar

Fret Height Range	Instruments	Groobar
0.6-0.7 mm	Ukuleles, Mandolins & Banjos	U-0.81
0.7-0.8 mm	Ukuleles, Mandolins & Banjos	U-0.91
0.8-1.0 mm	Guitars, Ukuleles, Mandolins & Banjos	L-1.07
1.0-1.2 mm	Guitars, Ukuleles, Mandolins & Banjos	L-1.27
1.2-1.3 mm	Guitars	M-1.42
1.3-1.4 mm	Guitars & Basses	H-1.65

How to use

0.042" Set of 4

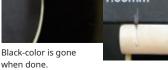


Choose one of Groobar.



File a nut to the Groobar.







Move to the next slot.

when done.	
H-GB4	for Guitar L2=0.042" (1.07mm) / L1=0.050" (1.27mm) / M=0.056"(1.42mm) / H=0.065"(1.65mm)
H-GB4U	for Ukulele U=0.032" (0.81mm) / U=0.036" (0.91mm) / L=0.042" (1.07mm) / L=0.050" (1.27mm)
H-GB-042	Set of 4 L2=0.042" (1.07mm)
H-GB-050	Set of 4 L1=0.050" (1.27mm)

Black Nut Files



Hosco Black Nut Files help you to do a nut filing job easily, quickly, and precisely.

Aluminum holder has 3 magnets to hold the nut file securely and curved-shaped holder gives you a comfortable grip.

All of the nut files are done with blackening treatment which is called black oxide finish.

Nut file size: 95 x 12mm

Mag-holder size: 105 x 20 x 10mm

Set a black nut file to the holder













Black Nut File Set

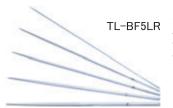
H-NF-EG009	for Electric Guitars / Aluminum holder / Files 6pcs / .009/ .012/ .016/ .024/ .032/ .042
H-NF-EG010	for Electric Guitars / Aluminum holder / Files 6pcs / .010/ .013/ .016/ .028/ .036/ .046
H-NF-AG	for Acoustic Guitars / Aluminum holder / Files 6pcs/ .012/ .016/ .024/ .032/ .042/ .054
H-NF-CG	for Classical Guitars / Aluminum holder / Files 6pcs / .028/ .032/ .036/ .042/ .040/ .046
H-NF-EB	for Electric Basses / Aluminum holder / Files 5pcs / .046/ .065/ .085/ .105/ .130
H-NF-UK	for Ukulele / Aluminum holder / Files 4pcs / .024/ .028/ .032/ .036

Black Nut File

H-NF-H	Aluminum holder
H-NF-009	for Guitar / 0.009"
H-NF-010	for Guitar / 0.010"
H-NF-012	for Guitar / 0.012"
H-NF-013	for Guitar / 0.013"
H-NF-016	for Guitar / 0.016"
H-NF-024	for Guitar / for Ukulele / 0.024"
H-NF-028	for Guitar / for Ukulele / 0.028"
H-NF-032	for Guitar / for Ukulele / 0.032"
H-NF-036	for Guitar / for Ukulele / 0.036"
H-NF-040	for Guitar / 0.040"
H-NF-042	for Guitar / 0.042"
H-NF-046	for Guitar / for Bass / 0.046"
H-NF-050	for Guitar / for Bass / 0.050"
H-NF-054	for Guitar / for Bass / 0.054"
H-NF-065	for Guitar / for Bass / 0.065"
H-NF-075	for Guitar / for Bass / 0.075"
H-NF-085	for Bass / 0.085"
H-NF-090	for Bass / 0.090"
H-NF-105	for Bass / 0.105"
H-NF-130	for Bass / 0.130"

Working tools

Line Round Files



TL-BF5LR is a high-quality line round file set which has special coating to avoid clogging.

And this non-clog coating promises fine cutting and long life. This file set works for string slot job for violin nut or bridge, violin peg holes cleaning etc. We sell each size is sold separately.

Total length : 100mm



TL-BF5LR	Set of 5 (0.8, 1.2, 1.5, 2.0, 2.5mm), Non-Clog Coated Round	
TL-BFLR08	0.8mm, Non-Clog Coated Round	
TL-BFLR12	1.2mm, Non-Clog Coated Round	
TL-BFLR15	1.5mm, Non-Clog Coated Round	
TL-BFLR20	2.0mm, Non-Clog Coated Round	
TL-BFLR25	2.5mm, Non-Clog Coated Round	

Double Edge Nut Files



5 variations of Double-edge nut file sets are available.

For acoustic guitars, electric basses, classical guitars, electric guitars, and ukuleles. Total length: 190mm Blade length: 100mm





TL-NF3A	Set of 3 / for Acoustic Guitar / .016 / .042 , .026 / .050 , .036 / .055
TL-NF3B	Set of 3 / for Bass / .045 / .085 , .065 / .105 , .075 / .130
TL-NF3C	Set of 3 / for Classical Guitar / .030 / .038 , .032 / .042 , .035 / .046
TL-NF3E	Set of 3 / for Electric Guitar / .010 / .026 , .013 / .036 , .017 / .046
TL-NF3U	Set of 3 / for Ukulele / .022 / .028 / 024 / .032 / .026 / .036

^{*}Please select the suitable file for use from the variation.

Edge-Cut Nut Files



Various accurate gauges are available.

TL-NF10 has10 variation and TL-NF11 has 11 variation.

Each file is available individually.

Total length : 150mm Blade length : 115mm







for Guitar

TL-NF10	Set of 10 / .010 / .013 / .016 / .024 / .028 / .032 / .036 / .042 / .046 / .056 w/ case
TL-NF11	Set of 11 / TL-NF10 + .050 w/ case
TL-NF-010	for Guitar / .010"
TL-NF-013	for Guitar / .013"
TL-NF-016	for Guitar / .016"
TL-NF-024	for Guitar / .024"
TL-NF-028	for Guitar / .028"
TL-NF-032	for Guitar / .032"
TL-NF-036	for Guitar / .036"
TL-NF-042	for Guitar / .042"
TL-NF-046	for Guitar / .046"
TL-NF-050	for Guitar / .050"
TL-NF-056	for Guitar / .056"

Working tools

for Violin

These nut files are designed for filing the slots for strings of violins. It brings accurate works.

The set comes with a plastic cylinder case.



Teeth per inch: 76 cut (for E, A, and D strings)

Teeth per inch: 78 cut (for G string)





TL-VNF4	Edge-Cut Violin Nut Files Set of 4 (E .020", A .026", D .032", G .040")
TL-VNF4/E	Edge-Cut Violin Nut File for E string

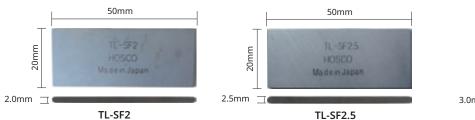
Saddle Slot Files



Very unique saddle slot files.

Easy to flatten the saddle slot and make it clean.

The round-shape on both ends fits the ends of saddle slot.





TL-SF3

TL-SF2	Thickness: 2mm	
TL-SF2.5	Thickness: 2.5mm	
TL-SF3	Thickness: 3mm	

Step Drill Bits

All of our step drill bits are made of HSS(high speed steel) and promise fine job for making holes. Drill bit blade is specially designed to drill hard wood like maple.



TL-DB2-7899

For installing Rotomatic type tuners Shank: 9.9mm diameter 7.8mm and 9.9mm dia. holes can be drilled at a time



TL-DB2-7086

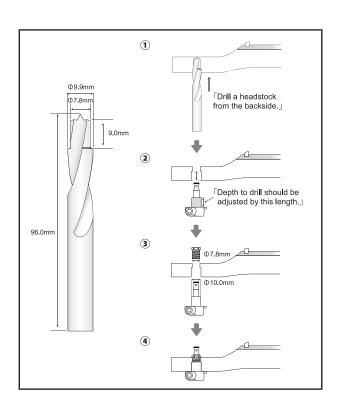
Shank: 8.6mm diameter 7.0mm and 8.6mm dia.holes can be drilled at a time

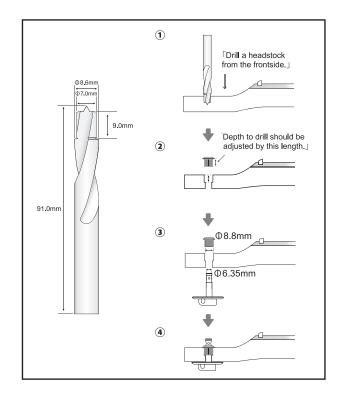


Cross section of drilled hole



Cross section of drilled hole





TL-DB2-7899	Step Drill Bits φ7.8/9.9
TL-DB2-7086	Step Drill Bits φ7.0/8.6

Super Q Jewelers Saw Handle

The TL-JSW490 can be used for cutting shells. The length can be adjusted and the depth is 75mm. Wooden handle. Made of hard wood.







TL-JSW490

Jewelers Saw Handle

Jewelers Saw Super Q Blades

6 different size saw blades are available to cover various inlay cutting jobs. All blades are multi-purpose reliable blades. Sold per dozen.

Please check each blade thickness and width below.



SUPER Q Five-S

Super Quality
Super Precision
Super Elastic
Super Sharp
Super Performance of Alloy



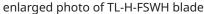
	A	В	Blade length	teeth / cm
TL-JSWB-6/0	0.36mm	0.18mm	130mm	32
TL-JSWB-4/0	0.44mm	0.22mm	130mm	26.5
TL-JSWB-2/0	0.52mm	0.26mm	130mm	22
TL-JSWB-0	0.56mm	0.28mm	130mm	20.5
TL-JSWB-1	0.60mm	0.30mm	130mm	19
TL-JSWB-2	0.70mm	0.34mm	130mm	17.5

TL-JSWB-6/0	Super Q Blades
TL-JSWB-4/0	Super Q Blades
TL-JSWB-2/0	Super Q Blades
TL-JSWB-0	Super Q Blades
TL-JSWB-1	Super Q Blades
TL-JSWB-2	Super Q Blades

Fret Slot Cutting Saws









Cross cut teeth and the tooth spacing is 1.07mm.

Material : YSS (Yasuki Specialty Steel)

TL-H-FSW050	Carbon steel / Thickness : 0.50mm / Blade length 120mm
TL-H-FSW053	Carbon steel / Thickness : 0.53mm / Blade length 120mm
TL-H-FSW057	Carbon steel / Thickness : 0.57mm / Blade length 120mm
TL-H-FSW060	Carbon steel / Thickness : 0.60mm / Blade length 120mm
TL-H-FSW050H	YSS (Yasuki Specialty Steel) / Thickness : 0.50mm / Blade length 120mm
TL-H-FSW053H	YSS (Yasuki Specialty Steel) / Thickness : 0.53mm / Blade length 120mm
TL-H-FSW057H	YSS (Yasuki Specialty Steel) / Thickness : 0.57mm / Blade length 120mm
TL-H-FSW060H	YSS (Yasuki Specialty Steel) / Thickness : 0.60mm / Blade length 120mm

Fret Slot Cleaning Saws

TL-H-SCSW



SCSW series are "Pencil glip" cleaning saw and have 45 degrees for tip angle for easier cleaning up each slot end.

You can choose 2 different blade Thickness.



Short distance between blade and your hand makes easy control and delicate treatment. Pull stroke for cleaning.

TL-H-SCSW040	Blade thickness : 0.40mm / Tooth spacing : 0.9mm / Blade length : 15mm
TL-H-SCSW050	Blade thickness : 0.50mm / Tooth spacing : 0.9mm / Blade length : 15mm



Our fret slot cleaning saws are designed for easier and faster cleaning. SCSWD series have 2 different special blades (Ryoba style). One is pull -cut and the other is push-cut. You can clean up each fret slot edge quickly and perfectly!



Pull side blade	Push side blade	Bidirectional saw

TL-H-SCSWD04	Blade thickness : 0.40mm / Tooth spacing : 0.9mm / Blade length : 15mm
TL-H-SCSWD05	Blade thickness : 0.50mm / Tooth spacing : 0.9mm / Blade length : 15mm

Maintenance

Fret Slot Saw Guide



This fret slot saw guide is designed for HOSCO fret slot saws (Page 14).

Fret slot depth can be controlled from approx. 0.0mm - 4.7mm.

Each side of the base has a detachable 0.3mm thickness silicone rubber sheet to grip a fingerboard.

(We recommend to use a clamp and in this case, remove upper silicon sheet.)

3 Neodymium magnets backed Polyacetal guide draws the saw blade and support the cutting straightly and at right angle to the fingerboard. Stainless steel made.



fingerboard and it stops at your depth by touching the saw steel back and polyacetal guide.



The saw goes straight stably along the polyacetal guide. It is easy to check visually where you are cutting.

H-FSWG-PG

Polyacetal guide only

(3 Neodymium magnets assembled)

H-FSWG	Size : 195 x 90 x 25mm, Weight : 475g.
H-FSWG-PG	Size: 14 x 70 x 4mm / Contain: Guide x 1 (w/ 3 Neodymium magnets), Screw x 2, Nut x 2

How use use

1. Set the slot depth

Loosen the wing nuts and screws to slide the frame and tighten them again at proper position.

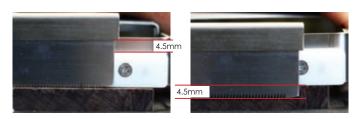
- 1 scale mark means approx.1.2mm depth adjustment.
- 2 faces give different height adjust. Plase refer the following photos.

Deep cut positions (approx. 4.7 - 2.5mm)



Shallow cutpositions (approx. 2.5 - 0.0mm)





The distance between steel back bottom and guide top will be the cutting depth. Please adjust the slide frame to get the target depth.

2. Set the guide on the fingerboard





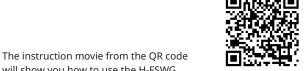
Marking the center line on the fingerboard. It is a guide line for Fret Saw Guide. And then set the guide which both triangle cut center mark (This mark is on the polyacetal guide) is on this line.

3. Set Fret saw and cut the fret slot





3 neodymium magnets catch the saw brade. Before cutting, please check the saw angle and cut gently.



Low Tack Masking Tapes







This masking tape is specially developed for wood work by one of the leading masking tape factories in Japan. The glue is not too strong to damage the fingerboard surface, but good enough for a fret job. 3 different width masking tapes are available and they are sold as a set and also individually.

Tape length: 18m (20yd) Tape thickness: 0.10mm

Tensile strength: 68.1N/15mm Inner diameter: 30mm Adhesive force: 1.08N/10mm Outer diameter: 55mm



The dispenser on the photo is not available.

H-MASKT-SET	Masking Tape set (6mm, 12mm and 20mm)
H-MASKT-6P	6mm width, Pack (20pcs)
H-MASKT-12P	12mm width, Pack (10pcs)
H-MASKT-20P	20mm width, Pack (6pcs)

H-MASKT-6B	6mm width, Box (200pcs)
H-MASKT-12B	12mm width, Box (100pcs)
H-MASKT-20B	20mm width, Box (60pcs)

Sanding Materials

Kovax Rolled Sandpapers

This rolled sandpapers are self-adheisive and are suitable to use with TWSB series sanding blocks.









#100 / 64mm x 1.4m #120 / 64mm x 1.8m KCR150 #150 / 64mm x 2.2m KCR240 #240 / 64mm x 2.6m #320 / 64mm x 3.2m #400 / 64mm x 3.4m KCR600 #600 / 64mm x 3.4m



KCR320





Self-adhesive Diamond Sheets





Suitable to use with our TWSB series sanding blocks.

100-grit and 400-grit are available. Easy to cut by knives or scissors.



TDS100	TDS400	-	
TDS100	#100 / 75 x 150mm		
TDS400	#400 / 75 x 150mm		

Working tools

Sanding Blocks

2 Way Sanding Blocks



The Hosco original Wooden Sanding Blocks. Each block has 2 different radiuses on each side as shown, helps you saving the space and cost.

Save time of fret leveling or fingerboard job with our new Diamond sheets or Kovax selfadhesive sandpapers.



TWSB-1	184R(7-1/4") / 241R(9-1/2") / Size : 80 x 150mm / Sanding area : 65 x 150mm
TWSB-2	254R(10") / 305R(12") / Size : 80 x 150mm / Sanding area : 65 x 150mm
TWSB-3	356R(14") / 406R(16") / Size : 80 x 150mm / Sanding area : 65 x 150mm
TWSB-4	381R(15") / 508R(20") / Size : 80 x 150mm / Sanding area : 65 x 150mm

Fret Cutters

for Nickel silver Fretwire

TL-FC190



We developed this fret cutter at the factory who has a history of nearly 100 years in making cutting pliers per Japanese traditinal methods.

The material is made of special steel called High Carbon tool steel.

190mm total length with 29mm blade width. Flat and sharp cutting edge makes very flat fret end.

This is not suitable for stainless frets.





Cut end by normal cutting plier





TL-FC190

Fret Cutter/ for Nickel silver Fretwire

for Stainless steel Fretwire



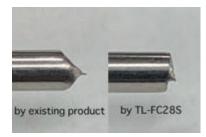


Having a closer approach to the fretboard side, TL-FC28S leaves the cut end as little as 1 m/m. A Small remainder makes a big difference.

The leverage cutter of high carbon steel saves your time and labor after all.

TL-FC28S

Features



*Blades on existing product bite off, while TL-FC28S cut right at the contact point.



This picture clearly shows how minutely the blade tip have been designed for both easy-cutting and endurance.





For your safety and prevention of unexpected damage to the neck, this TL-FC28S has a T-shaped lock system with an oblong cutout in the center.

Slide it upwards to LOCK, or downwards to UNLOCK.



Specially designed blades leave the cut end minimal Rubber Grip for comfortable cut without slip

TL-FC28S

Fret Cutter / for Stainless steel Fretwire

Working tools

Fret Pullers



TL-TC10 and TC5 have flattened blade.

TC10 is our best seller model and TC5 is new narrow blade model. This is good for tight radius fret work.

Not suitable to cut the wires but good for just pulling out the frets from fingerboard.

Material: Carbon Steel (S58C)

HRC: 42~47 Length: 150mm





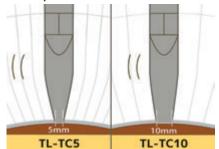


TL-TC5 blade shape

TL-TC10 blade shape

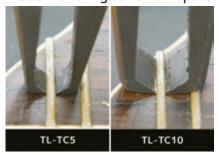
Features

More precision work



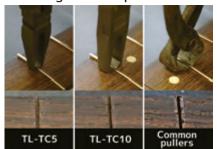
TL-TC5 with narrower blades can fit the radius of fingerboard more tightly.

Better handling at narrow space



TL-TC5 can be handled more easily on higher fret position.

Reducing wood chip out

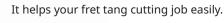


Both TL-TC5 and TL-TC10 may have less wood chip than common pullers.

	Fret Puller / Blade width:5mm
TL-TC10	Fret Puller / Blade width:10mm

Fret Tang Nippers

We line up 2 versions for medium and for jumbo size fret. 170mm in length and 250g in weight.











Before cutting

After cutting

H-FTN-J	for Jumbo frets
H-FTN-M	for Medium frets

Fret Setter



Material: Brass Length: 10cm Diameter: 7mm The TL-FS10 is useful for resetting frets without loosing the strings. Brass made, 10cm long Fret Setter The 7mm diameter slim body helps a fretting job easily. Suitable for small, medium and jumbo fretwires







TL-FS10

Brass, Length: 10cm, Diameter: 7mm

Hammers

HOSCO Fretting Hammer



For fretting Head Material : Bronze

Head : Octagonal Shape, 60 x 15 x 17 mm

Total length: 300mm







Octagonal head ideal for fretting

The sides can also be used for hammering on a wide surface.

TL-HMF-S Octagonal Shape Hammer

Twin Hammers

TL-HMT have 2 different heads. One is steel head and another is plastic head. Use plastic head for fretting works.



For fretting Head: 25mm dia. x 75mm Total length: 330mm

TL-HMT-L

Weight: 115g

TL-HMT-S For fretting

Head: 17mm dia. x 64mm Total length: 300mm



TL-HMT-L	Japanese Hammer (Twin Heads), Large
TL-HMT-S	Japanese Hammer (Twin Heads), Small

Fret Polishing / Sanding Rubbers

With Fret Polishing Rubber / Fret Sanding Rubber, you don't even need a masking tape ready to clean frets without dirtying your hands or the fingerboard.

Fret Polishing Rubbers



Easy and fast fret polishing tool.

Erasing the small scratches of the fret or Polishing the dirty frets. Because of this softness, rubber fits to fret arch perfectly. Also soft rubber keeps the fingerboard damage to a minimum. Easy to cut this rubber by cutter knife for your fret work. This is a great rust remover and polisher!

FPR180	Size: 65 x 18 x 9mm / #180 / 2pcs
FPR400	Size: 65 x 18 x 9mm / #400 / 2pcs
FPR1000	Size: 65 x 18 x 9mm / #1000 / 2pcs

Fret Sanding Rubber





Easy and fast fret end sanding tool.

After the fret beveling job by files,
you can save time to make fret bevels smooth
by this fret sanding rubbers.

FSR150 Size: 65 x 18 x 9mm / #150 / 2pcs

Fret Polishing & Sanding Rubber Set



FPR-SET-3
Set of 3
(FPR180, FPR400, FPR1000)



FPR-SET-4
Set of 4
(FPR-SET-3 + FSR150)

FPR-SET-3	Set of 3 (#180 / #400 / #1000) / 1pc each
FPR-SET-4	Set of 4 (#150 / #180 / #400 / #1000 /) / 1pc each

Zone File

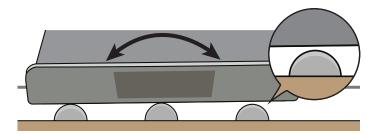


The Zone File is a unique tool that allows you to check the fret level while the strings are on, if necessary, make adjustments with a diamond file as it is. The name "Zone File" is derived from its unique "Z" shape and its meaning of checking and adjusting a specific "zone" of three adjacent frets.

To cover the zone from the low fret to the high fret, four lengths were needed. For this reason, the Zone files were designed in a trapezoidal shape, and two files make one set. (Pat. Pend.) This "Z" shape has a meaning. The edge of the "Z" is used as a straight edge gauge to check fret rattling, and the diamond file in the center of the "Z" flat surface is to adjust the rattling.



- * Size: (ZONE-L) 105 /75 (l) x 30 (h) x 10 (w) mm / (ZONE-H) 50 /35 (l) x 30 (h) x 10 (w) mm
- * Diamond file: #800 grit, (ZONE-L) 15x8mm + 15x8mm / (ZONE-H) 12x8mm + 10x8mm
- * Material: Stainless steel, 1mm thick

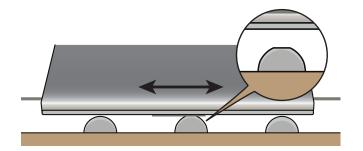


You can check the fret level while strings are on!

1) Set the Zone file so that it passes under the strings to be checked.

Select a zone file that is long enough to span the three frets to be checked.

Tilt the zone file so that its edges touch the three frets, and check with both hands to see if there is any rattling. If there is no rattling, move the file by one fret and continue the check in the same manner.



You can adjust the fret level while strings are on!

2) If there is any sagging, it means that the center fret is high. So set the Zone file so that the diamond file surface touches the fret, and gradually polish to adjust it. While doing this, check as in step 1) to see if the fret level is

If necessary, remove the strings and shape the crown with a crown file.

H-ZONE	Zone File set, set of 2
H-ZONE-L	Zone File for Low fret area
H-ZONE-H	Zone File for High fret area
H-ZONE-LD	Zone File Diamond Replacement Sheet for ZONE-L
H-ZONE-HD	Zone File Diamond Replacement Sheet for ZONE-H

Fret Leveling File

TL-FL160S 160mm(L) x 28mm(w) x 5mm(T) with single cut. Easy and fast work for fret leveling.

for Stainless steel Fretwire

Special HC (hard chrome) coating is applied and developed for stainless steel frets.

TL-FL160SHC

TL-FL160SHC





for Stainless steel fetwire

TL-FL160S Fret Leveling File / 160 x 28 x 5mm

Hard chrome coated Fret Leveling File / 160 x 28 x 5mm

Work

Chisels

Fine Tuning

Workshop

Tool Caring

Violin Tools

Maintenance

Diamond Fret Level and Crown Files



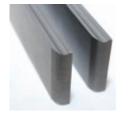
This unique 3 in 1 diamond file is HOSCO original design. Diamond fret leveling file with 2 types of crown files. 600-grit diamond can help your fret job faster with minimum scratches.

Size: 25mm x 160mm x 5mm.

Weight: 150g



600-grit Diamond







Fret Crown File (R=1/R=2)/ Diamond fret leveling file #600 / 160 × 25 × 5mm
Fret Crown File (R=2/R=3)/ Diamond fret leveling file #600 / 160 × 25 × 5mm

in 1 Diamond Fret Crown File



This fret crown file has three different radiuses in one file. It can be used according to type of fret crown, saying small standard (R=1mm), medium standard (R=2mm) and Jumbo (R=3mm)

Small

(R=1mm)

Medium

(R=2mm)

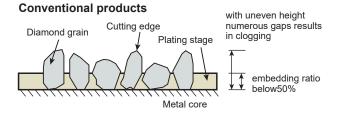


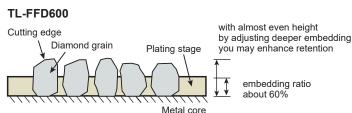
Jumbo (R=3mm)



Difference in Electroplating process

HOSCO Original 3-in-1 Diamond Fret Crown File provides you with improved performance in adhesion, grind efficiency and abrasion resistance by fixing high quality, uniformed diamond particle in nickel electrodeposition.







TL-FFD600

Before and after

High grade Diamond Grain and Nickel Electroplating process enabled High Grade sharpness, Hard to Clog and High durability.

3 in 1 Diamond Fret Crowi	File / #600/ (R=1 / R=2 / R=3)
---------------------------	--------------------------------

Compact Fret Crown Files



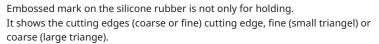
These fret files are compact, enough to work even on the higher fret position, which closely contact to body top. The silicone rubber band securely holds the file.

Fine and coarse file teeth on both ends make the fret crown work more efficiently.

The rubber band showing coarseness and filing direction has been designed for usability.

File Size: 100 x 20 x 4mm without silicone rubber grip







This arrow shows a filing direction. Please keep the direction in filing.

for Regular Fretwire



H-FF1 Small: for ukuleles and mandolins / R=	
H-FF2	Medium: for standard frets / R=2mm
H-FF3	Large: for jumbo frets / R=3mm

for Stainless steel Fretwire

HOSCO compact fret crown file for stainless steel frets is now available. Hard chrome coating is applied to the preceding model to accommodate hard stainless steel frets, and the file itself is also more durable.



H-FF2HC	Medium: for standard frets / R=2mm
H-FF3HC	Large: for jumbo frets / R=3mm

Fret Crown Files



3 different radiuses are available. Small is for ukuleles and mandolins, medium is for standard frets, large is for wide frets. Blade length: 105mm.

Blade length : 105mm Total length : 195mm.

TL-FF1	HOSCO TURN
TL-FF2	ИОВСО 11,412
TL-FF3	MOSCO 10475

TL-FF1	Small: for ukuleles and mandolins / R=1mm
TL-FF2	Medium: for standard frets / R=2mm
TL-FF3 Large: for jumbo frets / R=3mm	

Working

UFO (Ultimate Fret crown Optimizer)



Conventional "stick" type crown file seemingly contacts frets lengthwise, but, due to the fact most fingerboards are with curve, it touches the fret at one point, without even knowing where you are sanding at.

This UFO, a palm size disk, with the point of effort and load aligned, can transmits power straight right at the spot, at least you know where you want to sand visually.

Disk design: Palm size, easy to hold, control and see the filing point. Concave file with 600 grit diamond: For fast and easy crowning. Radius variation: 1.1mm - 1.8mm (UFO1: 1.1-1.4mm, UFO2: 1.5-1.8mm)

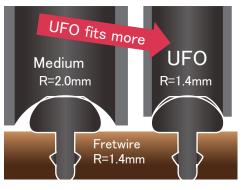
Size : 50mm diameter x 7mm thick Material : Steel in Nickel-plated

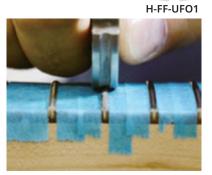
Weight: 95g





H-FF-UFO2







Click here for explanation video.

H-FF-UFO1	Ultimate Fret Crown Optimizer 1 / Radius : R1.1, R1.2, R1.3, R1.4
H-FF-UFO2	Ultimate Fret Crown Optimizer 2 / Radius : R1.5, R1.6, R1.7, R1.8

Fret-end Dressing Files





Blade length: 35mm / Total length: 160mm.

This fret dressing file is designed for fret end work. This pencil-like shape gives you more precise file job. angled bottom is easy to fit on fingerboard with pencil-holding. There are 3 different radius sizes for regular fret and 2 different radius size for Stainless fret.



for Regular Fretwire

TL-FE1		WOSCO III
TL-FE2		HOSCO man are 25
TL-FE3		#03c0 = =
TI_EE1	Small: for ukulele	s and mandoline / P=1m

TL-FE1	Small: for ukuleles and mandolins / R=1mm
TL-FE2	Medium: for standard frets / R=2mm
TL-FE3	Large: for jumbo frets / R=3mm

for Stainless steel Fretwire

TL-FE3HC

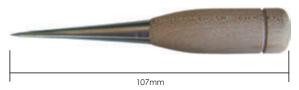
New fret end dressing files are released for stainless fret. 2 different radius sizes for medium and jumbo frets are available. These are hard chrome coated plating which works for hard stainless frets.

TL-FE2HC	MOSCO 29
TL-FE3HC	HOSCO was over 3H
TL-FE2HC	Medium: for standard frets / R=2mm

Large: for jumbo frets / R=3mm

Saws, Knives, **Chisels**

Japanese Kujiri (Eyeleteer)



TL-KUJIRI-S Material: Stainless

Very tough eyeleteer made by stainless steel with wooden grip.

It works very well to make pilot holes for guitar tuner screws or pickguard screws etc.

This tool is popular for violin making.

It is useful for dot-marking and line-marking.

TL-KUJIRI-S Material : Stainless

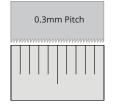


Fine Cut Saws

The HOSCO Fine Cut Saws are featuring very thin blades, the thickness available in 0.1mm, 0.2mm and 0.3mm. You can use these saws to cut small piece of wood. etc. which requires very accurate jobs.

TL-H-FCSW103







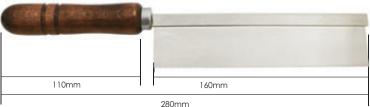
TL-H-FCSW2





TL-H-FCSW103: The 0.3mm pitch blade can firmly capture and cut even the thinnest materials.

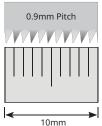


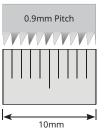


0.1mm thick blade, 0.3mm pitch

0.2mm thick blade, 0.9mm pitch

0.3mm thick blade, 0.9mm pitch







Hand Jig Saw / Peghole Saw

TL-H-VP

TL-H-FCSW103

TL-H-FCSW2

TL-H-FCSW3



This saw was originally designed for cutting violin pegs. It is useful to cut in narrow place and it is stable with 0.4mm thick blade.





This saw can be used to cut the side of the guitar for installing EQ (Equalizer).

TL-H-VP Blade thickness: 0.4mm / Blade pitch: 0.9mm The flush cutting saw has a high quality blade with short rib construction. The short rib construction prevents the blade tip from coming up in cutting.



TL-H-FL120





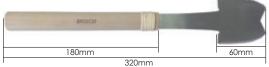
TL-H-FL120

Blade thickness is 0.4mm

Azebiki Saw

Azebiki saw has convex curved 60mm length blade. This works to cut from anywhere of the wood surface. 320mm total length and 180mm handle length. Blade thickness is 0.35 - 0.55mm tapered.









Coarse side



Fine side

TL-H-AZE60

Azebiki Saw

Dozuki Saws (Back Saws)

The blade thickness is 0.3mm, reinforced with the rib for stable cutting.

TL-H-DS150 Total length: 350mm / Blade length: 150mm / Handle length: 180mm

TL-H-DS150



TL-H-DS150

Dozuki Saws (Back Saws), Blade length: 150mm

Bracing Saw

This saw is designed mainly for cutting bracing.

Its round shaped blade allows you to put it into anywhere you want and to start cuts anywhere you want, it brings precise works. The wooden handle offers stable cutting.

TL-H-RSAW







TL-H-RSAW

Blade thickness: 0.2mm / Blade length: 66mm

Saddle work

Work Fingerboard

Fret work

Sanding tools

Woodwork

Glue

Gauges

Fine Tuning

Working tools

Gadget

Tool Caring

Violin Tools

Maintenance

Saws, Knives, Chisels

Knives

High-end Fancy Kiridashi Knives

These 2 type of fancy knives are made by hand with traditional method.

"Mokume" means "tree bark".

This finish can be made by old steel which is hard to get in nowadays.

"Unryu" means "movement of cloud". It is made of multi-layered steel.

The amazingly beauty of cloud pattern on the surface is only from the meister of blacksmith.

Engraved name with gold on the knife

Both knives are with Japanese traditional wooden case.





"Mokume" knife, Right

TL-I-KU21



"Unryu" knife, Right



Mokume up

Unryu up





w/ the wooden case



w/ the wooden case

TL-I-KM21	High-end Fancy Kiridashi Knives / Total length : 210mm
TL-I-KU21	High-end Fancy Kiridashi Knives / Total length : 210mm

Fancy Kiridashi Knives "UNRYU"

The Meister and collector's choice. The top of line of violin maker's knives. Made of multi layered steel by hand forging. The amazingly beauty of cloud pattern on the surface is only from the meister of blacksmith.



Multi layered steel



Beautiful cloud pattern on the surface

Bevel: Right

3	
TL-I-UNRYU3R	width:3mm
TL-I-UNRYU6R	width : 6mm
TL-I-UNRYU8R	width:8mm
TL-I-UNRYU10R	width: 10mm
TL-I-UNRYU12R	width: 12mm
TL-I-UNRYU15R	width: 15mm
TL-I-UNRYU18R	width: 18mm

Bevel: Left

TL-I-UNRYU3L	width: 3mm
TL-I-UNRYU6L	width : 6mm
TL-I-UNRYU8L	width:8mm
TL-I-UNRYU10L	width: 10mm
TL-I-UNRYU12L	width: 12mm
TL-I-UNRYU15L	width: 15mm
TL-I-UNRYU18L	width: 18mm

Bevel: Double (Right & Left)

TL-I-UNRYU3D	width: 3mm
TL-I-UNRYU6D	width: 6mm
TL-I-UNRYU8D	width: 8mm
TL-I-UNRYU10D	width: 10mm
TL-I-UNRYU12D	width: 12mm
TL-I-UNRYU15D	width: 15mm
TL-I-UNRYU18D	width : 18mm

Kiridashi Knives



These knives are made of two layered hand forged hardened steel. The most standard and reasonable knives.



Logo stamp is available for 10mm on up.



Left bevel knife is not only for left handed.

This is useful for pull-cut for right handed.

Bevel: Right

TL-I-K3R	width: 3mm
TL-I-K6R	width:6mm
TL-I-K8R	width:8mm
TL-I-K10R	width: 10mm
TL-I-K12R	width: 12mm
TL-I-K15R	width: 15mm
TL-I-K18R	width: 18mm

Bevel: Left

TL-I-K3L	width: 3mm
TL-I-K6L	width: 6mm
TL-I-K8L	width:8mm
TL-I-K10L	width: 10mm
TL-I-K12L	width: 12mm
TL-I-K15L	width: 15mm
TL-I-K18L	width: 18mm

Bevel: Double (Right & Left)

TL-I-K3D	width: 3mm
TL-I-K6D	width: 6mm
TL-I-K8D	width: 8mm
TL-I-K10D	width: 10mm
TL-I-K12D	width: 12mm
TL-I-K15D	width: 15mm
TL-I-K18D	width: 18mm

Wood Curving Knife







double beveled

TI -I-CAKD	Wood Curving Knife / Blade length: 60mm / Handle length: 140mm

"Kuri" Knives with Special Wooden Handle

TL-I-KUKR			TL-I-KUKD
- AND THE REAL PROPERTY OF THE PERSON OF THE	HOSCO		
TI -I-KIJKI		Right Bevel	

HOSCO Left Bevel

ght Bevel

Double Bevel

It is same as Kiridashi knife but its pointed head allows you to process the places where you are unable to process by Kiridashi knives, such as a hole, a corner, a ditch and inside of a circle.

The original shaped handle brings nicer grip feeling.

13.5mm width blade, with wooden handle type

Wooden handle length: 139mm.

TL-I-KUKR	Right
TL-I-KUKL	Left
TL-I-KUKD	Double

Saws, Knives, Chisels

"Kogatana" knife set



The essential carving knives in 6 different blades with nicer wooden handles in shape.

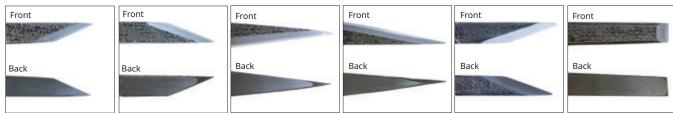
the knives included : Right, left & double beveled, Pointed right & left beveled and Chisel style

*The knife set comes with "Roll-Up" style bag, to keep the knives in good condition. Individual knife covers are also included.



- 1 All knives put into the Roll-up Bag.
- ② Fold back the upper side and roll it up.
- ③ All knives have an individual cover.

Cutting Edge



TL-I-6S Total length: 157mm / Handle length: 95mm

"Kuri" knife. Double

"Kuri" Knives



Total length: 160mm. Blade width: 10mm, no handle type



Kuri knife is useful to cut or shave small area like violin bridge shaping.

	· · · · · · · · · · · · · · · · · · ·
TL-I-KU10R	Right
TL-I-KU10L	Left
TI -I-KU10D	Double

Japanese Gouges

Blade material is "Shiragami" white steel and HRC64. Total length: 180mm

TL-IGS9



Spoon Shape 9mm wide Blade

TL-IGS15



Spoon Shape 15mm wide Blade







TL-IGS15 blade

TL-IGS9	9mm wide Blade
TL-IGS15	15mm wide Blade

Micro Chisels

High quality micro chisels with 2 different blade width, 1.1mm and 2.2mm. The long neck design is useful not only for nut slot or saddle slot works, but also suitable for cleaning the deep pocket area.

Blade is HSS (High Speed Steel) material.





1.1mm width is good for violin purfling slot making.

2.2mm width is good for guitar saddle slot work.





with a surface when using. Otherwise, there is a risk of the blade breaking.

TL-MC11	Micro Chisel, Width: 1.1mm
TL-MC22	Micro Chisel, Width: 2.2mm

Japanese Chisels (Tataki-Nomi)

The TL-INM chisels have a good balance of quality and costs.

There are 8 different widths of the blade edge (from 3mm to 24mm).

Hardness of blade: HRC63 Total length: 225mm





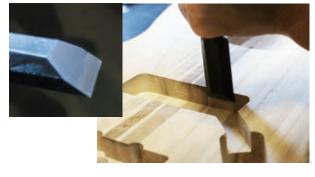


TL-INM9	9mm wide blade





TL-INM3	Japanese Chisels (Tataki-Nomi) / 3mm wide Blade
TL-INM6	Japanese Chisels (Tataki-Nomi) / 6mm wide Blade
TL-INM9	Japanese Chisels (Tataki-Nomi) / 9mm wide Blade
TL-INM12	Japanese Chisels (Tataki-Nomi) / 12mm wide Blade
TL-INM15	Japanese Chisels (Tataki-Nomi) / 15mm wide Blade
TL-INM18	Japanese Chisels (Tataki-Nomi) / 18mm wide Blade
TL-INM21	Japanese Chisels (Tataki-Nomi) / 21mm wide Blade
TL-INM24	Japanese Chisels (Tataki-Nomi) / 24mm wide Blade
TL-INM-SET4	Japanese Chisel set of 4 (3, 6, 12, 24 mm) with Roll-up bag



TL-INM18	18mm wide blade	

TL-INM21	21mm wide blade	

TL-INM24	24mm wide blade
E .	
-	THE RESERVED

TL-INM-SET4



(Blade width: 3mm / e.g.: for cleaning nut slot on ST/TL type guitars)



(Blade width: 6mm / e.g.: for making a channel for truss rod)

TL-INM12

(Blade width: 12mm / e.g.: for using on pickup cavities, a neck joint, and bracings)





Files, Sanding tools

CP(Chemical Polishing) Files

The CP files have special file tooth pattern and it keeps file clean without clogging.

It works incredibly fine for wood filing! Give it a try to believe it. No pressure required.

The CP files are easy to control and fast to file clean with light strokes.

Teeth per inch: 22 cut



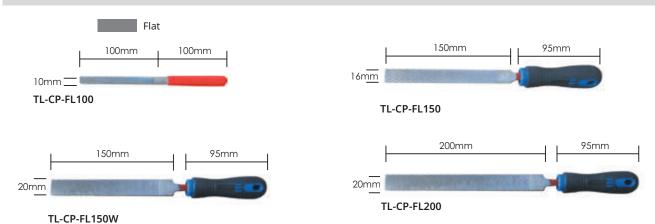
Enlarged CP files tooth.
This tooth shape is the secret of why
CP file works fine!



Comparison between CP file and normal wood file Left : 10 stroks by normal wood file

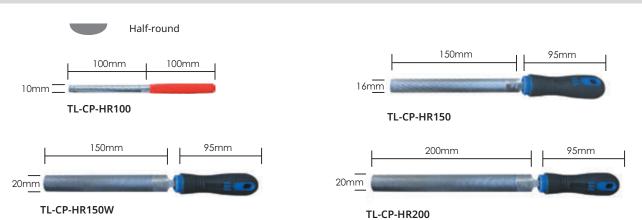
Right : 1 stroke by CP file

Flat CP Files



TL-CP-FL100	Flat / 100 x 10mm
TL-CP-FL150	Flat / 150 x 16mm
TL-CP-FL150W	Flat / 150 x 20mm
TL-CP-FL200	Flat / 200 x 20mm

Half-round CP Files



TL-CP-HR100	Half-round / 100 x 10mm
TL-CP-HR150	Half-round / 150 x 16mm
TL-CP-HR150W	Half-round / 150 x 20mm
TL-CP-HR200	Half-round / 200 x 20mm

Wood Saw Rasps

The saw rasp is a unique tool which has properties for both saw and rasp.

It isn't clogged because of the special shaped blades.

The material is HCS (High Carbon Steel), so the durability of the blade is superior.

These items have double sided blade which has coarse side and fine side. Suitable for any shaping task from rough to fine work. Your work will be from clogging!!!

TL-S-SR200

TL-S-SR250

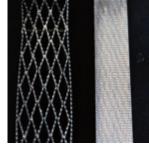


200mm long blade



250mm long blade

TL-S-SR200

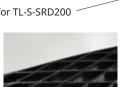


Saw Rasp General

TL-S-SRD-RB



Replacement blade for TL-S-SRD200



We only supply replacement blade from 2023.

detachable



FIne side

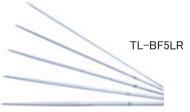
TL-S-SR200	200mm long blade	
TL-S-SR250	250mm long blade	
TL-S-SRD-RB	Replacement blade for TL-S-SRD200	W.C.
		i King
Line Round Files		

Line Round Files



TL-BF5LR is a high-quality line round file set which has special coating to avoid clogging. And this non-clog coating promises fine cutting and long life. This file set works for string slot job for violin nut or bridge, violin peg holes cleaning etc.

We sell each size is sold separately.



lotarieng	tn : 100mm
	TL-BFLR08
	TL-BFLR12
	TL-BFLR15
	TL-BFLR20
	TL-BFLR25

Total length: 100mm

TL-BF5LR	Set of 5 (0.8, 1.2, 1.5, 2.0, 2.5mm) , Non-Clog Coated Round
TL-BFLR08	0.8mm, Non-Clog Coated Round
TL-BFLR12	1.2mm, Non-Clog Coated Round
TL-BFLR15	1.5mm, Non-Clog Coated Round
TL-BFLR20	2.0mm, Non-Clog Coated Round
TL-BFLR25	2.5mm, Non-Clog Coated Round

Files, Sanding tools

Feather Edge and Feather Edge Diamond Files

Feather edge and feather edge diamond files are usually used for sharpening hand saw,

but these are useful for the first cut-in before nut slot filing.

Feather Edge File

TL-DF100



Teeth per inch: 58 cut 100mm Cut



Sharpening saw blades



Marking for first-cut before nut slot making

_				-	\wedge
	-		- 1	ш	u
	_	\boldsymbol{v}			v

Edge File

Feather Edge Diamond Files

TL-DF75DA



300-grit Diamond, 75mm Cut

TL-DF100DA



300-grit Diamond, 100mm Cut



Good to make notches for strings on the metal saddles.

TL-DF75DA	Edge Diamond File, File length: 75mm
TL-DF100DA	Edge Diamond File, File length: 100mm

Standard File Sets

Each file set includes 5 different shapes, Flat, Half-round, Round, Square and Triangle.















	TL-SSF5 Thickness Flat Half-round	: 1.5mm : 2.2mm
	Round	: 3.5mm
-	Square	: 3.4mm
	Triangle File length Total length	: 4mm : 101mm : 200mm

TL-DIA5

Flat Half-round

Round Square

Triangle

Thickness

: 1.5mm

:2mm : 2.7mm

:3mm

: 3.5mm

: 50.5mm

TL-DIA5	200-grit Diamond File Set
TL-SFF5	Secound cut File Set
TL-SSF5	Swiss-cut Precision Needle File Set

Maintenance

Sanding Sheets

SHINEX Sanding Sheets



SSS-SET 2 of each grit (8 different grit, #80-#3000) 16 sheets in total

Being clog-free and having the thickness that fits comfortably in your hand, the Sanding Sheet has better workability than sand paper.

In addition, it provides an evenly finished surface without deep scratches. The Sanding Sheet is best suited for working on curved surfaces with its flexible

At the perforation in the center, it can be torn in half. it is usable in both water and oil.



Easy to cut in the center, because of a perforation



Sheet thickness is 7.5mm.





You can also finish like relic processing if you use this sanding sheet.

Size: 150x230x7.5mm (can cut half),





: - 3000grit)		

After

SSS-SET	SHINEX Sanding Sheet Set 2 of each grit (80grit - 3000grit)
SSS-80	SHINEX Sanding Sheet 80grit
SSS-120	SHINEX Sanding Sheet 120grit
SSS-240	SHINEX Sanding Sheet 240grit
SSS-400	SHINEX Sanding Sheet 400grit
SSS-600	SHINEX Sanding Sheet 600grit
SSS-800	SHINEX Sanding Sheet 800grit
SSS-1500	SHINEX Sanding Sheet 1500grit
SSS-3000	SHINEX Sanding Sheet 3000grit

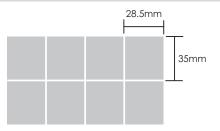
Files, Sanding tools

Kovax Finish Repairing Papers and Rubber Blocks for KFRP

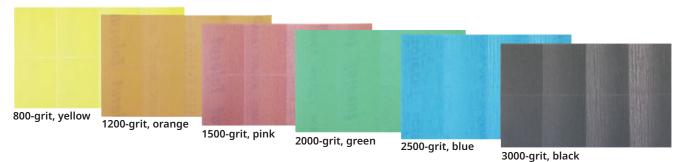
Most advanced dry sanding system that combines aggressiveness and uniformity.

Good for repairing the finishing. The strong points are as follows.

- *Dusts of varied size can be eliminated faster and easier.
- *Extremely uniform and shallow scratch.
- *Can be used without a water, so you can repair a defect checking by sight.
- *One sheet is divided into eight small pieces. (Self-adhesive)



Divided into 8 pieces



KFRP800	#800, Yellow
KFRP1200	#1200, Orange
KFRP1500	#1500, Pink
KFRP2000	#2000, Green
KFRP2500	#2500, Blue
KFRP3000	#3000, Black



Click here for explanation video.



KFRP-KIT2	Set 2 / Size : 70mm x 114mm (#800,#1200) w/ one each block
KFRP-KIT6	Set 6 / Size : 70mm x 114mm (#800-#3000) w/ one each block

Kovax Rubber Blocks for KFRP





Two shapes are available and they are made of hard rubber. Sold as set of 2

KFR	P-RBF	KFRP-RBC	
	For flat surface	33 x 27 x 15mm,	set of 2

KFRP-RBF	For flat surface, 33 x 27 x 15mm, set of 2
KFRP-RBC	For curved surface, 26 x 33 x 20mm, set of 2

Working

Kovax Rolled Sandpapers

This rolled sandpapers are self-adheisive and are suitable to use with TWSB series sanding blocks.



KCR320





KCR600



KCR100 #100 / 64mm x 1.4m KCR120 #120 / 64mm x 1.8m KCR150 #150 / 64mm x 2.2m KCR240 #240 / 64mm x 2.6m KCR320 #320 / 64mm x 3.2m KCR400 #400 / 64mm x 3.4m KCR600 #600 / 64mm x 3.4m



Self-adhesive Diamond Sheets

KCR400





Suitable to use with our TWSB series sanding blocks. 100-grit and 400-grit are available. Easy to cut by knife or scissors.

TDS100	#100 / 75 ×150mm
TDS400	#400 / 75 ×150mm



#800 / 228 x 140mm

#1000 / 228 x 140mm

#1200 / 228 x 140mm

#1500 / 228 x 140mm

#2000 / 228 x 140mm

Kovax Water Proof Sandpapers



Standard water proof sandpapers for general wood works. 200pcs per box.

KSC800

KSC1000

KSC1200

KSC1500

KSC2000

KSC180	#180 / 228 x 140mm
KSC240	#240 / 228 x 140mm
KSC320	#320 / 228 x 140mm
KSC400	#400 / 228 x 140mm
KSC600	#600 / 228 x 140mm

MOQ: 200pcs each

Files, Sanding tools

Sanding Blocks

2 Way Sanding Blocks



The Hosco original Wooden Sanding Blocks. Each block has 2 different radius on each sides as shown, helps you saving the space and cost.

Save time of fret leveling or fingerboard job with our new Diamond sheets or Kovax selfadhesive sandpapers.



TWSB-1	TWSB-1 184R(7-1/4") / 241R(9-1/2") / Size : 80 x 150mm / Sanding area : 65 x 150mm	
TWSB-2	254R(10") / 305R(12") / Size : 80 x 150mm / Sanding area : 65 x 150mm	
TWSB-3	356R(14") / 406R(16") / Size : 80 x 150mm / Sanding area : 65 x 150mm	
TWSB-4	TWSB-4 381R(15") / 508R(20") / Size: 80 x 150mm / Sanding area: 65 x 150mm	

Scrapers

Long Scrapers



These long scrapers are recommended for sharpening acoustic guitar bodies. Hold and bend (tension) them slightly with both hands while working. Each different length shows the following features: the longer, 250mm, due to its pliant thickness (0.8mm), best suits for sanding aimed cramped spots. As for the shorter, 180mm, of as thick as 1.0mm, is practical for flat sanding. While paper-sanding may leave the dust stuck in the wood grain, scrapers benefit you in brushing off the fine shavings. In addition, the wood surface can be finished smoothly.

TL-SCR-L25 Thickness: 0.8mm

nosco.	35mm
250mm	

TL-SCR-L18	Thickness: 1.0mm	
	HOSCO	35mm
	180mm	

NEW	TL-SCR-L25	250mm x 35mm x 0.8mm
NEW	TL-SCR-L18	180mm x 35mm x 1.0mm

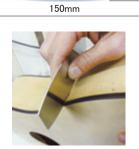
Woodwork

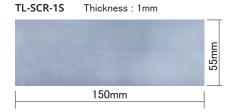
Working tools

Wide Scrapers

The Wide Scrapers are useful for smoothing sides of guitars and they were developed by a Japanese famous classical guitar luthier's advice.

TL-SCR-1C Thickness: 1mm 55mm



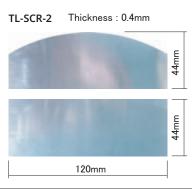




TL-SCR-1C	150 x 55 x 1mm / Curved shape
TL-SCR-1S	150 x 55 x 1mm / Straight shape

Standard Scraper Set

The Standard Scraper Set is used to wide surface like top and back of guitars.





TL-SCR-2

Set of 2 shapes

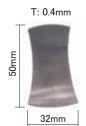
Shaped Small Scraper Set

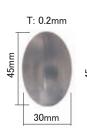
The Shaped Small Scraper Set is especially designed for making violins.

T: 0.2mm

18mm

TL-SCR-5

















Glue

Hide Glue





Japanese Hide Glue

High quality hide glue for musical instruments. (made in Japan)

Viscosity: 10.0 or more (mp) Jelly strength: 280 or more (g) PH: 6.50 – 8.50

Moisture: 16 or less (%) Material: Cow skin





500g ×2 for HG-H1S-1

This glue is specially produced for making musical instruments. The strong point is its transparency and stable quality on the adhesive strength. Also, the specific smell is not as strong as general hide glue. Made in Japan. The hide glue is packed in plastic bag except HG-H1S-25.





HG-H1S-05	500g
HG-H1S-1	1 kg (Set of 2 bags) *1 bag = 500 g
HG-H1S-5	5 kg (Set of 10 bags) *1 bag = 500 g
HG-H1S-25	25 kg in a paper bag

Woodwork

Working tools

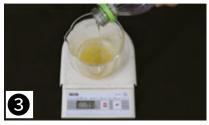
HOW TO USE NIKAWA



Put a proper quantity of hide glue into a

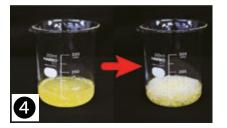


Then pour cold water into the beaker. Don't use warm water because the hide glue doesn't absorb water well.



In this sample, the mixing ratio of hide glue and water is about 1:3.

We suggest making a little denser solution in order to dilute the density as you like later.



Leave the mixture as it is for about an hour for swelling.



Heat up the beaker in something like a pot at 70~80°C.

If at the other temperature except it, the adhesive power will get weaker.



Melt the hide glue completely in stirring sometimes.

Don't stir too much not to include some bubbles.

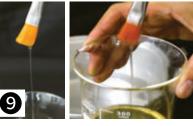


The density like the sample is good.



If the density is higher, dilute with warm water.

Also if you dilute with cold water, the solution will be gelling.



You will get the target density by diluting little by little.

And you should use the hide glue solution while it is warm.



Even if you had diluted too much, you must not add the hide glue into the solution.

Because the dry hide glue does not melt in warm water.



Japanese Hide Glue "HOW TO USE NIKAWA"

Binding Glue

The super glue for our bindings is available. One package is enough for one guitar.

If there are oil, rubbish, and dust on an adhesion surface, please wipe off with solvent such as alcohol or aceton.



MOQ: 240 pcs

Expiration Date: 2-3 years

Please keep the glues in a dark and cool place.

Important Notice:

Because of the product's properties, this glue can be shipped by ocean freight only. Please confirm rules and regulations for import to your country before you order.

Gauges

Step Gauges (Nut Slot Height / Fret Crown Height / String Action)





Step Gauge is an excellent gauge essential for checking the condition and adjusting fretted instruments such as guitars and ukuleles, combining three functions. (Made in Japan, patented)

Anyone can check the nut string height, fret height, and string height in 0.1mm increments.

Recommended not only for manufacturers and stores, but also for everyone from repair workshops, guitar techs to guitar players.

Due to the characteristics of the product, the thickness is only 0.1mm, and it is a delicate gauge, so please handle it with care. A special case for storage is included.

Guitar



Ukulele



Mandolin





Size: 93 x 60 x 5mm

H-SG-G

STEP GAUGE for Guitar

Size: 83 x 33 x 0.1mm Scale: Metric (mm/10) 1=0.1mm Material: Stainless steel

for Acoustic, Classical, Electric guitars and Basses

(scale length: approx. 600 - 900mm)





H-SG-U

STEP GAUGE for Ukulele and Mandolin

Size: 85 x 36 x 0.1mm Scale: Metric (mm/10) 1=0.1mm Material: Stainless steel for Soprano, Concert

and Tenor size ukuleles and mandolins (scale length: approx. 308 - 578mm)



H-SG-G	STEP GAUGE / for Guitar
H-SG-U	STEP GAUGE / for Ukulele and Mandolin

How to use (H-SG-G)

Fret Crown height



1) Set Step Gauge (Crown part) over a fret which you want to check.

Nut Slot height

fingerboard.

HOSCO STEP GAUGE

2) Slide the gauge to headstock while

keeping both legs contacting to fingerboard.

Step Gauge stops when the gauge contacts



2) Slide the gauge to the right and the left to find the position fret crown top contacts the gauge.

1) Set Step Gauge (Nut Slot part) in the string slot which you want to check, and then put Step Gauge (2 legs) to contact a

13 2 11 10 9

3) Read the number on the nut. Since the

number is 10 times of mm. Divide it by 10.

ex. 13, 13/10=1.3mm



3) Read the number on the fret crown. Since the number is 10 times of mm. Divide it by 10. ex. 10+2=12, 12/10 =1.2mm

Before nut slot work, you should check the 1st fret crown height. And then set up the target height of each string slot. You can check the height with our step gauge. ex. if the 1st fret height is 1.2mm, the target nut slot height is 1.3-1.4mm.

Chisels

Sanding tools Woodwork

String Action

nut slot.



There are many slits at string action gauge area in 2 lines. Lower line shows you from 1.0mm to 3.0mm height. Upper line shows you from 3.0mm to 5.0mm height. Each slit locates 0.1mm height gap.



for Guitar

1) Set Step Gauge (String Action part) at the position which you want to check on the fingerboard. just set it behind the string.

2) Slide the gauge to the right and the left to find the position that the string bottom covers a slit.

Tips: with light from other side, you can see the slit hole clearly.



Caution!: If the leg is floating off

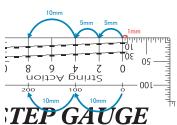
legs contact the fingerboard again.

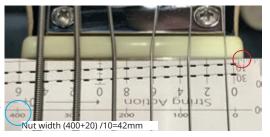
fingerboard, Slide back the gauge until both

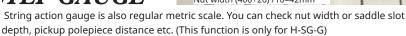
3) Read the number. Since the number is 10 times of mm. Divide it by 10.

ex. the slit is between 2 and 4. And higher line slit contacts the string. So 30+3=33 33/10=3.3mm

Other function









H-SG-G



H-SG-U

Gauges

Fingerboard Radius Gauge

Hosco new Fingerboard Radius Gauge not only checks the six major fingerboard radius, it also has a gauge to check the fret height in 0.1mm pitch.

210mm x 25mm size with hanging hole. Easy to keep in your workshop or in your tool box. It is a real "must-have" item! *Made of stainless steel

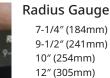




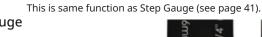
Back side



7-1/4" (184mm)



14" (356mm) 16" (406mm)



Fret crown height gauging (mm/10)



(mm/10)

Crown



High Fret area Fret Crown height

	薛		13
H-RG2		R-gauge	•

H-RG2

Rulers w/ Inch Conversion Table



Scale marks are done by etching and black chrome

And Inch - mm conversion chart is printed on the back. Each scale has a hanging hole.





600mm size rule is good for guitar neck checking.

Protractor

TL-RU600

TL-RU300

TL-RU150



600mm

300mm

150mm

TL-RU-PR protoractor w/ 100mm ruler



the hole diameter.

compensation formula to check inner diameter

Inner diameter = value2 + 1.44

Taper gauge works to check the inner hole diameter easily. Just insert this gauge into the hole and read the number of the gauge. Metric scale.

You can check 1mm up to 15mm inner hole diameter.

Chisels

Fine Tuning

Working tools

Tool Caring

Violin Tools

Maintenance

TL-RU-TA

1.2mm thickness, 1 -15mm diameter hole

Mini Stainless Square



You can measure an angle of 90 degrees exactly. This is a small tool, but a pretty convenient one. You can use it variously like the following examples.



Checking flatness for installing machine heads



Marking for side position.

TL-RU-SQ75

TL-RU-SQ75

Blade: Stainless Steel (75x13x1.5mm), Base: Brass (48x15x6.0mm), Net Weight: 45g

Profiling Gauge



This unique profiling gauge can work to check the neck shape or others.

Many movable pins in line makes its shape well. Note: Pins may damage to the neck or surface. Please protect the instruments or others before using. *Made of stainless steel



example: for neck shapes

TL-RU-PG TL-RU-PG

TL-RU-TG

150mm Length, Profiling the Shape, Needle size: 84 mm x 0.8mm diameter

Thickness Gauge





Checking a relief of the neck



9 diff erent thickness gauge in one. 0.04mm up to 0.30mm. Metal frame case protect thinner gauges from damage.

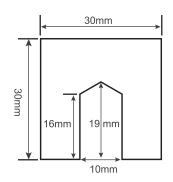
Material: carbon steel, Thickness variation: 0.04 / 0.05 / 0.06 / 0.07 / 0.08 / 0.10 / 0.15 / 0.20 / 0.30 (mm)

Fine Tuning

Guitar Nut Cube (5 in 1 wrench)

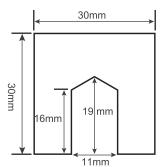
The H-GNC can be used to tighten or loosen nuts or bushing for machine heads, toggle switches, potentiometers, and so on. Cube can be inserted under volume or tone knobs easily.





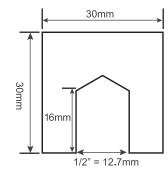
10mm Hex NutGotoh® or other guitar tunner hex nut etc.
Use GNC after loosing strings or remove strings.





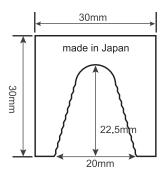
11mm Hex Nut Japanese potentiometers, Push-Pull control pots etc.





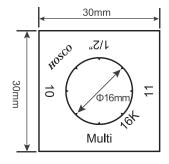
1/2" Hex Nut USA potentiometers etc.





Multi Knurled Nut (USA or others) USA toggle switches or TOM nut etc.





16mm Knurled NutJapanese toggle switches etc.



H-GNC

Guitar Nut Cube(5 in 1 Wrench) / Stainless steel, made in Japan.

WRE-1.27J	Allen Wrench / 1.27mm (.050") / for Saddle height adjustment on tremolo (Inch)
WRE-1.5J	Allen Wrench / 1.5mm / for Saddle height adjustment on tremolo (Metric)
WRE-1.57J	Allen Wrench / 1.57mm (1/16") / for Bass saddles, JB knobs (Inch)
WRE-2.0J	Allen Wrench / 2.0mm / for GOTOH® VS100N saddles, knobs
WRE-2.5J	Allen Wrench / 2.5mm / for Floyd Rose® saddle fixing screws
WRE-3.0J	Allen Wrench / 3.0mm / for Floyd Rose® stud height adjustment
WRE-4.0J	Allen Wrench / 4.0mm / for Truss rod nut
WRE-5.0J	Allen Wrench / 5.0mm / for Truss rod nut

WRE-3.0J

WRE-4.0J

Truss Rod Wrenches

Phillips Head Truss Rod Wrench

It is the final solution to adjust a traditional slotted truss rod nut with "+" shape wrench not "-" shape.

We design only 11mm short length x 9mm diameter head to use the wrench without taking off the neck.

"+" shape can catch the slotted nut perfectly and disperse turning torque evenly. It is the "must-buy" tool for guitar set up.







WRE-5.0J

H-TRW+

Phillips Head Truss Rod Wrench

Pipe Wrenches



WRE-8.0J

Allen Wrench / 5.0mm

Inch type wrenches are available in 2 sizes, 1/4" and 5/16". 5/16" wrench is with phillips head.

	31
WRE-7.0J	7.0mm
WRE-8.0J	8.0mm
WRE-I14J	1/4" (6.35mm)
WRF-I516I	5/16" (7.93mm)

Hex Wrenches

WRE-4.0J



47

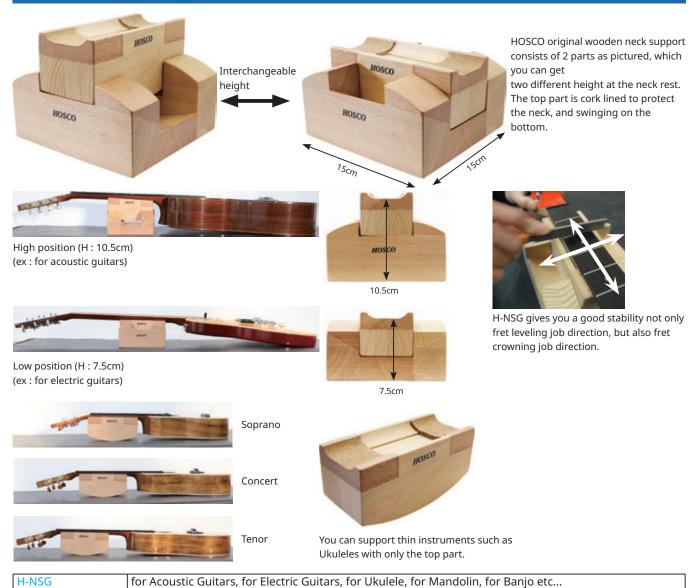
Working tools

Violin Tools

Maintenance

Workshop **Gadget**

2-way Neck Support

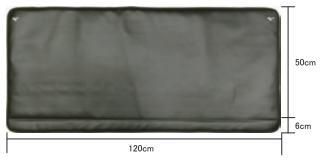


Workbench Mat

HOSCO Workbench Mat is made of PVC cover, PE foam 5mm thickness at the inside, and featuring Non slip PVC at the back side. 6cm (2-1/4") width of front edge is able to fold down at the edge of the bench.

Secure magnets are located at two corners of upper side to hold metal parts such as screws, nuts, small hardwares, etc.. This is really ideal mat for every luthier.

H-LWM1









Magnets are put on the inside of both edges.

H-LWM1 Size: 120cm x 50cm (47" x 19-3/4")

Working tools

Maintenance

HOSCO Work Apron



This is HOSCO original apron with two pockets and two

pen-pockets, made of Canvas cloth. Long tie and waist straps are adjustable to fit your style.

Embroidered HOSCO logo with white thread Logo on the front.

91cm



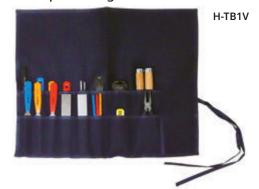


H-AP1

Free size / canvas cloth / Weight: 360g

Tool Bags

Roll-up Tool Bag



This tool bag is Japanese traditional tool bag.

We designed 2 different height pockets, so you can insert short or long tools. Material: navy canvas cotton.

Size: 500mm x 400mm / Weight: 130g

Pocket: 30mm(W) x 110mm/170mm(H) x 3

40mm(W) x 110mm/170mm(H) x 3 70mm(W) x 110mm/170mm(H) x 2

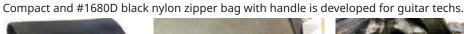
Total 16 pockets

* Please note that the roll-up bag does not come with these tools. The photos are for illustrative purposes only.



Guitar Tech Bag







This transparent compartment can be used to put some small parts or small tools. You can see easily what is inside.



A magnet is attached under the red circle.

You can use the magnet to put small parts like screws, nuts, and washers not to lose them while you are working.

*6 inserts with rubber	bands for	nut /fret fi	les or	gauges
etc, screwdrivers etc.				

^{*}One transparent PVC zipper pocket for small parts or tools like hex wrenches

^{*}One screw catcher magnet with red thread circle.

H-TB1V	Roll-up tool bag / Size : 500 x 400mm / Weight : 130g
H-TB2	Guitar Tech Bag / Size : 220 x 120 x 70mm / Weight : 125g

Ceramic Stones

Ceramic Combination Stones



Our ceramic stones are made by mixing superfine compound and clayey binder and then high-temperature

These ceramic stones are combination type with case which can be used for sharpening table and water pond. You can keep the bottom side stone into water.

Wet Stone Size: 183×63×13 / 183×63×15mm



This is a flattening stone for worn shaprening stone which you used. Put it into water and then use it.

This is an artificial NAGURA stone. Because of shaping by machine cut, its edge or corner may be lack or tipped off a little bit, but it is useful for flattening job.



TL-NC1800C #320 / #800



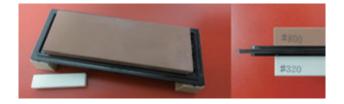
TL-NC2800C #280 / #1500



TL-NC3800C #1000 / #3000



#1000 / #6000 TL-NC4800C



TL-NC1800C	NEW CERAX COMBINATION STONE #320/#800
TL-NC2800C	NEW CERAX COMBINATION STONE #280/#1500
TL-NC3800C	NEW CERAX COMBINATION STONE #1000/#3000
TL-NC4800C	NEW CERAX COMBINATION STONE #1000/#6000

Ceramic Single Stones

For these single stones, soak the stones in water for 10 to 15 minutes before use.

Size: 206x66x33.5mm



TL-ST800 #800

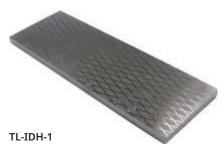


TL-ST1200 #1200

TL-ST800	SPLEX CERAMIC STONE #800
TL-ST1200	SPLEX CERAMIC STONE #1200

Woodwork

Table-top type Diamond Hones



Rubber grip sheet on the bottom.

Size: 205 x 70mm Weight: 1 kg

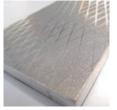


TL-IDH-1

Coarse 150-grit







TL-IDH-2 Medium 300-grit

TL-IDH-3 Fine 800-grit

Enlargement



Rubber grip sheet on the back side

TL-IDH-1	Diamond Honing Tools #150
TL-IDH-2	Diamond Honing Tools #300
TL-IDH-3	Diamond Honing Tools #600

Handy-type Dual Grit Diamond Plates

This product works for honing of chisels or knives.



The other

IDP-156



150/600-grit



IDP-410



400/1000-grit

H-TO-15 HOSCO Tool Oil provides various uses and better condition.

Compact and reasonable diamond honing tools. Two combination of the grits are available. Good for leveling and beveling frets, and also shaping bone nuts and saddles.

Size: 30 x 100mm / Thickness: 1mm

IDP-156	#150 / 600, Dual Grit Mini Diamond Plates
IDP-410	#400 / 1000, Dual Grit Mini Diamond Plates

Tool Maintenance Oil





Reduce friction in filing and sawing operations

It reduces friction between the file and the nut.

You can make finer nut slot adjustments with less force.



For lubricating the pivot point of pliers

Lubricate the pivot point of the plier with H-TO-15 for smooth movement.

You can use the plier for the long time with non-stressful and a light touch.



High rust-preventive effect

A thin coating of H-TO-15 provides a long-lasting high rust-preventive effect.

Click here for explanation video.

It meets air safety regulations and can be transported by air . We can provide the SDS (Safety Data Sheet).

H-TO-15	HOSCO Tool Oil

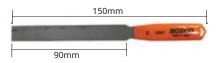
Maintenance

Violin Nut Files

Violin Nut Files

These nut files are designed for filing the slots for strings of violins. It brings accurate works.

The set comes with a plastic cylinder case.



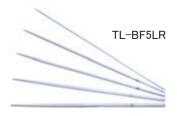
Teeth per inch : 76 cut (for E, A, and D strings) Teeth per inch : 78 cut (for G string)





TL-VNF4	Edge-Cut Violin Nut Files Set of 4 (E .020", A .026", D .032", G .040")
TL-VNF4/E	Edge-Cut Violin Nut File for E string

Line Round Files



TL-BF5LR is a high-quality line round file set which has special coating to avoid clogging.

And this non-clog coating promises fine cutting and long life. This file set works for string slot job for violin nut or bridge, violin peg holes cleaning etc.

We sell each size is sold separately.



TL-BF5LR Set of 5 (0.8, 1.2, 1.5, 2.0, 2.5mm), Non-Clog Coated Round / Total length: 100mm

Peghole Saw / Hand Jig Saw

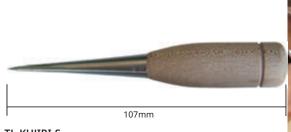


t is useful for cutting inside of violin pegbox.



TL-H-VP Hand Jig(Peg Hole)Saw / Blade Length : 70mm

Kujiri (Eyeleteer) and Micro Chisels



TL-KUJIRI-S

Please check Page 39 for the detail.





Please always keep the entire bottom of the blade in contact with a surface when using. Otherwise, there is a risk of the blade breaking.

TL-KUJIRI-S	Kujiri(Eyeleteer) / Material : Stainless
TL-MC11	Micro Chisel / Width : 1.1mm / Material : Stainless Steel
TL-MC22	Micro Chisel / Width : 2.2mm / Material : Stainless Steel

Blade material is "Shiragami" white steel and HRC64. Total length: 180mm

Spoon Shape 9mm wide Blade

TL-IGS9



TL-IGS15



Spoon Shape 15mm wide Blade





Saddle work

Fingerboard work

Fret work

Chisels

Sanding tools Woodwork

Side view TL-IGS15 blade

TL-IGS9	9mm wide Blade	
TL-IGS15	15mm wide Blade	

Knives

"Kuri" Knives with Special Wooden Handle

TL-I-KUKR

Right Bevel

TL-I-KUKL

Double Bevel

Kiridashi knives, such as a hole, a corner, a ditch and inside of a circle.

The original shaped handle brings nicer grip feeling.

It is same as Kiridashi knife but its pointed head allows you

to process the places where you are unable to process by

13.5mm width blade, with wooden handle type

Wooden handle length: 139mm.

TL-I-KUKR	Right
TL-I-KUKL	Left
TL-I-KUKD	Double

Hide Glue



This glue is specially produced for making musical instruments.

The strong point is its transparency and stable quality on the adhesive strength. Also, the specific smell is not as strong as general hide glue. Made in Japan.

Packed in plastic bags except HG-H1S-25.

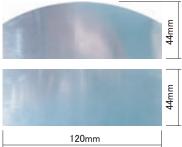
HG-H1S-05	500g
HG-H1S-1	1 kg (Set of 2 bags) *1 bag = 500 g
HG-H1S-5	5 kg (Set of 10 bags) *1 bag = 500 g
HG-H1S-25	25 kg in a paper bag

Scrapers

The Standard Scraper Set

The Standard Scraper Set is used to wide surface.

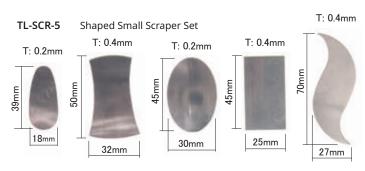
TL-SCR-2 Thickness: 0.4mm





The Shaped Small Scraper Set

The Shaped Small Scraper Set is especially designed for making violins.









TL-SCR-2	Set of 2 shapes / Thickness : 0.4mm
TL-SCR-5	Set of 5 shapes

Glue

uges

Fine Tuning

Gadget

Tool Caring

Violin Tools

Maintenance

EASY FRET CARE

Easy Fret Care is a set of cloths and fretboard protection sheets developed for end-users to easily polish frets. 3 sheets of protection sheets can be used for one guitar.

Package Set

includes 2 x Fret Care Cloth and 5 x Fret Care Sheet with case







H-EFC-S24 2.4mm width for Medium Fret



H-EFC-S28 2.8mm width for Jumbo Fret

Refill Pack

includes 2 x Fret Care Cloth and 5 x Fret Care Sheet without case



H-EFC-R20 2.0mm width for Small Fret



H-EFC-R24 2.4mm width for Medium Fret



H-EFC-R28 2.8mm width for Jumbo Fret







Check "How to use" movie.

How to use

- 1. Wipe the fingerboard and remove the dusts by common cloth first.
- $\ensuremath{\mathsf{2}}.$ Take a piece of care sheet and put it to cover the fingerboard to show the fret.
- 3. Polish the fret by care cloth.
- 4. When polished it, remove the care sheet and put it on the next fret.
- 5. Polish the next fret in the same way.
- 6. When you feel the care sheet glue gets weak, change to a new one.



How quickly EASY FRET CARE can polish frets!

H-EFC-S20	EASY FRET CARE / for Small size fret
H-EFC-S24	EASY FRET CARE / for Medium size fret
H-EFC-S28	EASY FRET CARE / for Jumbo size fret
H-EFC-R20	EASY FRET CARE / for Small size fret / Refi ll Pack
H-EFC-R24	EASY FRET CARE / for Medium size fret / Refi ll Pack
H-EFC-R28	EASY FRET CARE / for Jumbo size fret / Refi II Pack

S Maintenance

Wiping Cloths

HOSCO Ezo-deer Chamois cloth Made in Japan



HCL-100S

This chamois leather is made of Ezo-deer Chamois captured as a forest protection measure in Hokkaido. We have begun to introduce this environmentally friendly product overseas in addition to its domestic release in Japan.

Ezo-deer Chamois is chamois-tanned wild deer leather.

Therefore, there may be scratches or holes left on the product from fights, but this is a sign of authenticity and does not affect the quality.

<Ezo-deer Chamois story>

More than 100,000 Ezo-deer are captured annually due to population adjustments in Hokkaido's Ezo-deer conservation management plan.

It is true that the use of wild animal resources can lead to overhunting if not done carefully, but since they are captured with adjustments, the disposal of parts other than meat after mass capture is more problematic than such concerns at this time, and not using them is far more pitiful than refraining from using them.

The fiber structure of Ezo-deer skin was not as good as that of other deer family.

Therefore, we introduced the deerskin "nameshi" technique, a traditional industry in Nara, and after repeated trial and error, we brought out the thin and soft texture of Ezo deer skin and "Ezo-Deer Chamois" was born.

HCL-100S	HOSCO Ezo-deer Chamois cloth / Small / 30x30cm			
HCL-150M	HOSCO Ezo-deer Chamois cloth / Medium / 35x40cm			

Professional Care Cloth for superior finish



HWC-3739

HWC-3739



Package

This wiping cloth for musical instruments is made from thick microfiber and has both a good touch and durability. The antistatic material keeps dust away from the cloth even in dry weather and places, and it can be used both dry and wet, so it can be used for various instruments such as wind instruments and pianos, in as well as guitars.

Click here for explanation video.

Professional Care Cloth for superior finish / 37 x 39ci

Humidity Control Items

Fret Shield

Fret Shield has two functions: reducing damage to the frets and controlling humidity inside the case! It's easy to use, just insert it between the strings and the fingerboard of your guitar.

Just put it in the case as it is, and it will keep the inside of the case at the right humidity level, and also prevent scratches and dents on the frets that can occur when the instrument is moved around in the case and the frets and strings hit or rub against each other.

AHM-530







□Material□. Surface fabric: Polypropylene Humidity regulator (content): B-type silica gel

AHM-660





When used on acoustic guitars, it can also be dripped inside the sound hole for humidity control inside the body!



Click here for explanation video.

AHM-530	Fret Shield / for Ukulele, for Mandolin / 5 × 30cm	
AHM-660	Fret Shield / for Guitar, for Bass / 6 × 60cm	

Maintenand

Hygrometer / Thermometer

HOSCO Hygrometer / Thermometer is useful just as the indicator, also it's the best tool to catch the condition of your instrument if you mount in your guitar case with our optional mount kit. Also, the H-HT60/L can be used as an interior parts in your workshop.

H-HT60

HOSCO Hygrometer/ Thermometer



H-HT60FFahrenheit version



Features

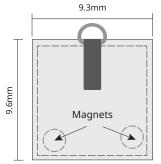
- * Japan high quality mechanism, called "EX sensor" installed.
- * Tolerance: +-3% for hygrometer and +- 2 degree for Thermometer.
- * 62mm outer diameter x 19mm thickness.
- * Black face design fits for guitar case or musician's room.
- * Fahrenheit thermometer is also available.
- * Made in Japan

H-HT60/L

Tabletop type







With the leather case, it can be assembled into a tabletop type, a wall-hanging type by hooking the ring attached to the back of the case to a hook or the like, or it can be attached to a metal panel or the like with the magnets on the back of the case.

H-HT60/M

HOSCO Hygrometer / Thermometer includes case mount kit (refer HT-MKIT)



HT-MKIT

Case mount kit only Plate x 1 Velcro x 1 Screw x 2



How to use (Mount Kit)



1. Fix the plate to hygrometer with 2 screws.



2. Insert the plate under the case pocket wall.



3. Slide in and adjust the position of plate till the hygrometer can be seen clearly.



4. Set the velcro tape under the plate. This is for non -slip purpose. The hook side should be at the bottom to catch the case interior.

H-HT60	HOSCO Hygrometer / Thermometer
H-HT60F	HOSCO Hygrometer / Thermometer Fahrenheit version
H-HT60/L	HOSCO Hygrometer / Thermometer set with foldable black leather frame
H-HT60/M	HOSCO Hygrometer / Thermometer includes case mount kit (refer HT-MKIT)
HT-MKIT	HOSCO Hygrometer / Thermometer Case mout kit only

Alphabetical Index

	A		H-MASK I-20B	Low Tack Masking Tapes / 20mm width, Box	16
			H-MASKT-20P	Low Tack Masking Tapes / 20mm width, Pack	16
AHM-530	Fret Shield for Ukulele, for Mandolin		H-MASKT-6B	Low Tack Masking Tapes / 6mm width, Box	16
AHM-660	Fret Shield for Guitar, for Bass	56	H-MASKT-6P	Low Tack Masking Tapes / 6mm width, Pack	16
			H-MASKT-SET	Low Tack Masking Tape Set	16
			H-NF-009	Black Nut File for Guitar / 0.009"	8
	F		- H-NF-010	Black Nut File for Guitar / 0.010"	8
FDD190	Fret Deliahina Dubban / #400	24	H-NF-012	Black Nut File for Guitar / 0.012"	8
FPR180	Fret Polishing Rubber / #180		H-NF-013	Black Nut File for Guitar / 0.013"	8
FPR400	Fret Polishing Rubber / #400		H-NF-016	Black Nut File for Guitar / 0.016"	8
FPR1000	Fret Polishing Rubber / #1000		H-NF-024	Black Nut File for Guitar / for Ukulele / 0.024"	8
FPR-SET-3	Fret Polishing Set		H-NF-028	Black Nut File for Guitar / for Ukulele / 0.028"	8
FPR-SET-4	Fret Polishing & Sanding Rubber Set		H-NF-032	Black Nut File for Guitar / for Ukulele / 0.032"	8
FSR150	Fret Sanding Rubber	. 21	H-NF-036	Black Nut File for Guitar / for Ukulele / 0.036"	8
			H-NF-040	Black Nut File for Guitar / 0.040"	8
			H-NF-042	Black Nut File for Guitar / 0.042"	8
-	——— н ———		H-NF-046	Black Nut File for Guitar / for Bass / 0.046"	8
	Wassaw I A	40	H-NF-050	Black Nut File for Guitar / for Bass / 0.050"	8
H-AP1	HOSCO Work Apron		H-NF-054	Black Nut File for Guitar / for Bass / 0.054"	8
H-BG20AL	Binding Glue		H-NF-065	Black Nut File for Guitar / for Bass / 0.065"	8
HCL-100S	HOSCO Ezo-deer Chamois cloth / Small		H-NF-075	Black Nut File for Guitar / for Bass / 0.075"	8
HCL-150M	HOSCO Ezo-deer Chamois cloth / Medium		H-NF-085	Black Nut File for Bass / 0.085"	8
H-EFC-S20	EASY FRET CARE for Small size fret		H-NF-090	Black Nut File for Bass / 0.090"	8
H-EFC-S24	EASY FRET CARE for Medium size fret	54	H-NF-105	Black Nut File for Bass / 0.105"	8
H-EFC-S28	EASY FRET CARE for Jumbo size fret	54	H-NF-130	Black Nut File for Bass / 0.130"	8
H-EFC-R20	EASY FRET CARE for Small,Refill Pack	54	H-NF-AG	Black Nut File Set for Acoustic Guitars	8
H-EFC-R24	EASY FRET CARE for Medium,Refill Pack		H-NF-CG	Black Nut File Set for Classical Guitars	8
H-EFC-R28	EASY FRET CARE for Jumbo,Refill Pack	54	H-NF-EB	Black Nut File Set for Electric Basses	8
H-FF1	Compact Fret Crown File / Small		H-NF-EG009	Black Nut File Set for Electric Guitars	8
H-FF2	Compact Fret Crown File / Medium	24	H-NF-EG010	Black Nut File Set for Electric Guitars	8
H-FF2HC	Compact Fret Crown File for Stainless / Medium		H-NF-H	Black Nut File Aluminum holder	8
H-FF3	Compact Fret Crown File / Large	24	H-NF-UK	Black Nut File Set for Ukulele	8
H-FF3HC	Compact Fret Crown File for Stainless / Large	24	H-NSG	2-way Neck Support	48
H-FF-UFO1	Ultimate Fret Crown Optimizer 1		H-NWT2	HOSCO Nut Work Table	6
H-FF-UFO2	Ultimate Fret Crown Optimizer 2	25	H-NWT-600D	HOSCO Nut Work Table Diamond Sheet	6
H-FSWG	Fret Slot Saw Guide		H-RG2	Fingerboard Radius Gauge	44
H-FSWG-PG	Fret Slot Saw Guide Polyacetal guide only	. 15	H-SG-G	Step Gauge for Guitar	42
H-FTN-J	Fret Tang Nippers for Jumbo frets	. 19	H-SGSW	String Guide Saw	7
H-FTN-M	Fret Tang Nippers for Medium frets	. 19	H-SG-U	Step Gauge for Ukulele and Mandolin	42
H-GB-042	GrooBar™ / Set of 4 L2=0.042" (1.07mm)	7	H-TB1V	Roll-up tool bag	49
H-GB-050	GrooBar™ / Set of 4 L1=0.050" (1.27mm)	7	H-TB2	Guitar Tech Bag	
H-GB4	GrooBar™ / for Guitar	7	HT-MKIT	Hygrometer / Thermometer Case mout kit only	
H-GB4U	GrooBar™ / for Ukulele	7	H-TO-15	HOSCO Tool Oil	
HG-H1S-05	Hide Glue / 500g 40), 53	H-TRW+	Phillips Head Truss Rod Wrench	
HG-H1S-1	Hide Glue / 1kg 40), 53	HWC-3739	Professional Care Cloth for superior finish	
HG-H1S-25	Hide Glue / 5kg 40), 53	H-ZONE	Zone File set	
HG-H1S-5	Hide Glue / 25kg), 53	H-ZONE-H	Zone File for High fret area	
H-GNC	Guitar Nut Cube	46	H-ZONE-L	Zone File for Low fret area	
H-HT60	HOSCO Hygrometer / Thermometer	57	H-ZONE-HD	Zone File Diamond Sheet for ZONE-H	
H-HT60/L	HOSCO Hygrometer / Thermometer set	57	H-ZONE-LD	Zone File Diamond Sheet for ZONE-L	
H-HT60/M	Hygrometer / Thermometer w/ case mount kit	57	II ZONL'LD	25.10 File Diamond Street for ZONE-E	
H-HT60F	Hygrometer / Thermometer Fahrenheit version	57			
H-LWM1	Workbench Mat	48			
H-MASKT-12B	Low Tack Masking Tapes / 12mm width, Box	16			

	I	TL-BFHR	Nut and Saddle Shaping File Half-round	6
		TL-BFLR08	Line Round Files 0.8mm	9, 33
IDP-156	Handy-type Dual Diamond Plates / #150 / 600 51	TL-BFLR12	Line Round Files 1.2mm	9, 33
IDP-410	Handy-type Dual Diamond Plates / #400 / 1000 51	TL-BFLR15	Line Round Files 1.5mm	9, 33
		TL-BFLR20	Line Round Files 2.0mm	9, 33
		TL-BFLR25	Line Round Files 2.5mm	•
	K	TL-BFTRI	Nut and Saddle Shaping File Triangle	
KCR100	Voyay Polled Sandpapers / #100 16, 27	TL-CP-FL100	Flat CP File / 100mm	
KCR120	Kovax Rolled Sandpapers / #100	TL-CP-FL150	Flat CP File / 150mm	
KCR150	Kovax Rolled Sandpapers / #120	TL-CP-FL150W	Flat CP File / 150mm	
KCR240	Kovax Rolled Sandpapers / #240	TL-CP-FL200	Flat CP File / 200mm	
KCR320	Kovax Rolled Sandpapers / #240	TL-CP-HR100	Half-round CP File / 100mm	
KCR400	Kovax Rolled Sandpapers / #400	TL-CP-HR150	Half-round CP File / 150mm	
KCR600	Kovax Rolled Sandpapers / #600	TL-CP-HR150W	Half-round CP File / 150mm	
KFRP1200	Kovax Finish Repairing Papers / #1200	TL-CP-HR200	Half-round CP File / 200mm	
KFRP1500	Kovax Finish Repairing Papers / #1500	TL-DB2-7086	Step Drill Bits φ7.0/8.6	
KFRP2000	Kovax Finish Repairing Papers / #2000	TL-DB2-7899	Step Drill Bits φ7.8/9.9	
KFRP2500	Kovax Finish Repairing Papers / #2500	TL-DF100	Feather Edge File	
KFRP3000	Kovax Finish Repairing Papers / #3000	TL-DF100DA	Feather Edge Diamond File / 100mm	
KFRP800	Kovax Finish Repairing Papers / #800	TL-DF75DA	Feather Edge Diamond File / 75mm	
KFRP-KIT2	Kovax Finish Repair Papers and Blocks Set 2	TL-DIA5	200-grit Diamond File Set	
KFRP-KIT6	Kovax Finish Repair Papers and Blocks Set 6	TL-FC190	Fret Cutters for Nickel silver Fretwire	
KFRP-RBC	Kovax Rubber Blocks for KFRP, curved surface 36	TL-FC28S TL-FE1	Fret and Drossing Files / Small	
KFRP-RBF	Kovax Rubber Blocks for KFRP, flat surface	TL-FE2	Fret-end Dressing Files / Small Fret-end Dressing Files / Medium	
KSC1000	Kovax Water Proof Sandpapers / #1000 37	TL-FE2HC	•	
KSC1200	Kovax Water Proof Sandpapers / #1200	TL-FE2HC	Fret-end Dressing Files / for Stainless Medium Fret-end Dressing Files / Large	
KSC1500	Kovax Water Proof Sandpapers / #1500	TL-FE3HC	Fret-end Dressing Files / for Stainless Large	
KSC180	Kovax Water Proof Sandpapers / #180 37	TL-FF1	Fret Crown Files Small	
KSC2000	Kovax Water Proof Sandpapers / #2000 37	TL-FF2	Fret Crown Files Medium	
KSC240	Kovax Water Proof Sandpapers / #240 37	TL-FF3	Fret Crown Files Large	
KSC320	Kovax Water Proof Sandpapers / #320 37	TL-FFD600	3 in 1 Diamond Fret Crown File	
KSC400	Kovax Water Proof Sandpapers / #400 37	TL-FFLD12	Diamond fret leveling file (R=1/R=2)	
KSC600	Kovax Water Proof Sandpapers / #600 37	TL-FFLD23	Diamond fret leveling file (R=2/R=3)	
KSC800	Kovax Water Proof Sandpapers / #800 37	TL-FL160S	Fret Leveling File for Regular Fretwire	
		TL-FL160SHC	Fret Leveling File for Stainless steel Fretwire	
		TL-FS10	Fret Setter	
	s	TL-H-AZE60	Azebiki Saw	
	3	TL-H-DS150	Dozuki Saw (Back Saws) / 150mm	27
SSS-120	SHINEX Sanding Sheet / #120	TL-H-FCSW103	Fine Cut Saw / 0.1mm	26
SSS-1500	SHINEX Sanding Sheet / #1500	TL-H-FCSW2	Fine Cut Saw / 0.2mm	26
SSS-240	SHINEX Sanding Sheet / #240	TL-H-FCSW3	Fine Cut Saw / 0.3mm	. 26
SSS-3000	SHINEX Sanding Sheet / #3000	TL-H-FL120	Flush Cutting Saw	. 27
SSS-400	SHINEX Sanding Sheet / #400	TL-H-FSW050	Fret Slot Saw / Carbon steel / 0.50mm	. 14
SSS-600	SHINEX Sanding Sheet / #600	TL-H-FSW050H	Fret Slot Saw / YSS / 0.50mm	. 14
SSS-80	SHINEX Sanding Sheet / #80	TL-H-FSW053	Fret Slot Saw / Carbon steel / 0.53mm	. 14
SSS-800	SHINEX Sanding Sheet / #800	TL-H-FSW053H	Fret Slot Saw / YSS / 0.53mm	. 14
SSS-SET	SHINEX Sanding Sheet Set	TL-H-FSW057	Fret Slot Saw / Carbon steel / 0.57mm	. 14
		TL-H-FSW057H	Fret Slot Saw / YSS / 0.57mm	. 14
		TL-H-FSW060	Fret Slot Saw / Carbon steel / 0.60mm	. 14
	т	TL-H-FSW060H	Fret Slot Saw / YSS / 0.60mm	. 14
		TL-HMF-S	Octagonal Shape Hammer	. 20
TDS100	Self-adhesive Diamond Sheets / #100 16, 37	TL-HMT-L	Japanese Hammer (Twin Heads), Large	. 20
TDS400	Self-adhesive Diamond Sheets / #400 16, 37	TL-HMT-S	Japanese Hammer (Twin Heads), Small	. 20
TL-BF3	Nut and Saddle Shaping File Set	TL-H-RSAW	Bracing Saw	. 27
TL-BF5LR	Line Round File Set of 5	TL-H-SCSW040	Fret Slot Cleaning Saw / 0.40mm	. 14
TL-BFFL	Nut and Saddle Shaping File Flat	TL-H-SCSW050	Fret Slot Cleaning Saw / 0.50mm	

TI LI CCCWDOA	Fret Clat Classing Saw / Dyoba / 0.40mm	1.4	TI THINDVIIIOD	Fangy Vividaghi knifa "LINDVII"/ Daubla / 19mm	20
TL-H-SCSWD04	Fret Slot Cleaning Saw / Ryoba / 0.40mm Fret Slot Cleaning Saw / Ryoba / 0.50mm			Fancy Kiridashi knife "UNRYU"/ Double / 18mm Fancy Kiridashi knife "UNRYU"/ left / 18mm	
TL-H-VP	Hand Jig Saw				
TL-II-VF	Kogatana knife set			Fancy Kiridashi knife "UNRYU"/ right / 18mm Fancy Kiridashi knife "UNRYU"/ Double / 3mm	
TL-I-O3	Wood Curving Knife		TL-I-UNRYU3D TL-I-UNRYU3L		
TL-I-CARD	Table-top type Diamond Hone / #150			Fancy Kiridashi knife "UNRYU"/ left / 3mm	
			TL-I-UNRYU3R	Fancy Kiridashi knife "UNRYU"/ right / 3mm	
TL-IDH-2	Table-top type Diamond Hone / #300		TL-I-UNRYU6D	Fancy Kiridashi knife "UNRYU"/ Double / 6mm	
TL-IDH-3	Table-top type Diamond Hone / #600		TL-I-UNRYU6L	Fancy Kiridashi knife "UNRYU"/ left / 6mm	
TL-IGS15	Japanese Gouges / 15mm wide Blade		TL-I-UNRYU6R	Fancy Kiridashi knife "UNRYU"/ right / 6mm	
TL-IGS9	Japanese Gouges / 9mm wide Blade		TL-I-UNRYU8D	Fancy Kiridashi knife "UNRYU"/ Double / 8mm	
TL-I-K10D	Kiridashi knife / Bevel: Double / 10mm		TL-I-UNRYU8L	Fancy Kiridashi knife "UNRYU"/ left / 8mm	
TL-I-K10L	Kiridashi knife / Bevel: Left / 10mm		TL-I-UNRYU8R	Fancy Kiridashi knife "UNRYU"/ right / 8mm	
TL-I-K10R	Kiridashi knife / Bevel: Right / 10mm		TL-JSW490	Super Q Jewelers Saw Handle	
TL-I-K12D	Kiridashi knife / Bevel: Double / 12mm		TL-JSWB-0	Jewelers Saw Super Q Blade / 0.36 x 0.18mm	
TL-I-K12L	Kiridashi knife / Bevel: Left / 12mm		TL-JSWB-1	Jewelers Saw Super Q Blade / 0.44 x 0.22mm	
TL-I-K12R	Kiridashi knife / Bevel: Right / 12mm		TL-JSWB-2	Jewelers Saw Super Q Blade / 0.52 x 0.26mm	13
TL-I-K15D	Kiridashi knife / Bevel: Double / 15mm		TL-JSWB-2/0	Jewelers Saw Super Q Blade / 0.56 x 0.28mm	
TL-I-K15L	Kiridashi knife / Bevel: Left / 15mm	29	TL-JSWB-4/0	Jewelers Saw Super Q Blade / 0.60 x 0.30mm	13
TL-I-K15R	Kiridashi knife / Bevel: Right / 15mm	29	TL-JSWB-6/0	Jewelers Saw Super Q Blade / 0.70 x 0.34mm	13
TL-I-K18D	Kiridashi knife / Bevel: Double / 18mm	29	TL-KUJIRI-S	Japanese Kujiri	, 52
TL-I-K18L	Kiridashi knife / Bevel: Left / 18mm	29	TL-MC11	Micro Chisel / Width: 1.1mm	, 52
TL-I-K18R	Kiridashi knife / Bevel: Right / 18mm	29	TL-MC22	Micro Chisel / Width: 2.2mm	, 52
TL-I-K3D	Kiridashi knife / Bevel: Double / 3mm	29	TL-NC1800C	Ceramic Combination Stones / #320/#800	50
TL-I-K3L	Kiridashi knife / Bevel: Left / 3mm	29	TL-NC2800C	Ceramic Combination Stones / #280/#1500	50
TL-I-K3R	Kiridashi knife / Bevel: Right / 3mm	29	TL-NC3800C	Ceramic Combination Stones / #1000/#3000	50
TL-I-K6D	Kiridashi knife / Bevel: Double / 6mm	29	TL-NC4800C	Ceramic Combination Stones / #1000/#6000	50
TL-I-K6L	Kiridashi knife / Bevel: Left / 6mm	29	TL-NF-010	Edge-Cut Nut File for Guitar / .010"	10
TL-I-K6R	Kiridashi knife / Bevel: Right / 6mm	29	TL-NF-013	Edge-Cut Nut File for Guitar / .013"	10
TL-I-K8D	Kiridashi knife / Bevel: Double / 8mm	29	TL-NF-016	Edge-Cut Nut File for Guitar / .016"	10
TL-I-K8L	Kiridashi knife / Bevel: Left / 8mm	29	TL-NF-024	Edge-Cut Nut File for Guitar / .024"	10
TL-I-K8R	Kiridashi knife / Bevel: Right / 8mm	29	TL-NF-028	Edge-Cut Nut File for Guitar / .028"	10
TL-I-KM21	High-end Fancy Kiridashi knife	28	TL-NF-032	Edge-Cut Nut File for Guitar / .032"	10
TL-I-KU10D	Kuri knife / Double	30	TL-NF-036	Edge-Cut Nut File for Guitar / .036"	10
TL-I-KU10L	Kuri knife / Left	30	TL-NF-042	Edge-Cut Nut File for Guitar / .042"	10
TL-I-KU10R	Kuri knife / Right	30	TL-NF-046	Edge-Cut Nut File for Guitar / .046"	10
TL-I-KU21	High-end Fancy Kiridashi knife	28	TL-NF-050	Edge-Cut Nut File for Guitar / .050"	10
TL-I-KUKD	Kuri knife with Wooden Handle / Double 29	, 53	TL-NF-056	Edge-Cut Nut File for Guitar / .056"	10
TL-I-KUKL	Kuri knife with Wooden Handle / Left	, 53	TL-NF10	Edge-Cut Nut Files / Set of 10	10
TL-I-KUKR	Kuri knife with Wooden Handle / Right 29	, 53	TL-NF11	Edge-Cut Nut Files / Set of 11	1 0
TL-INM12	Japanese Chisel (Tataki-Nomi) /12mm	31	TL-NF3A	Double Edge Nut Files Set / for Acoustic Guitar	10
TL-INM15	Japanese Chisel (Tataki-Nomi) /15mm	31	TL-NF3B	Double Edge Nut Files Set / for Bass	10
TL-INM18	Japanese Chisel (Tataki-Nomi) /18mm	31	TL-NF3C	Double Edge Nut Files Set / for Classical Guitar	10
TL-INM21	Japanese Chisel (Tataki-Nomi) /21mm	31	TL-NF3E	Double Edge Nut Files Set / for Electric Guitar	10
TL-INM24	Japanese Chisel (Tataki-Nomi) /24mm	31	TL-NF3U	Double Edge Nut Files Set / for Ukulele	10
TL-INM3	Japanese Chisel (Tataki-Nomi) /3mm	31	TL-RU150	Rulers w/ Inch Conversion Table / 150mm	44
TL-INM6	Japanese Chisel (Tataki-Nomi) /6mm	31	TL-RU300	Rulers w/ Inch Conversion Table / 300mm	44
TL-INM9	Japanese Chisel (Tataki-Nomi) /9mm	31	TL-RU600	Rulers w/ Inch Conversion Table / 600mm	44
TL-INM-SET4	Japanese Chisel (Tataki-Nomi) set	31	TL-RU-PG	Profi ling Gauge	45
TL-I-UNRYU10D	Fancy Kiridashi knife "UNRYU"/Double / 10mm	28	TL-RU-PR	Protractor	44
TL-I-UNRYU10L	Fancy Kiridashi knife "UNRYU"/ left / 10mm	28	TL-RU-SQ75	Mini Stainless Square	45
	Fancy Kiridashi knife "UNRYU"/ right / 10mm		TL-RU-TA	Taper Gauge	
	Fancy Kiridashi knife "UNRYU"/ Double / 12mm		TL-RU-TG	Thickness Gauge	
	Fancy Kiridashi knife "UNRYU"/ left / 12mm		TL-SCR-1C	Wide Scraper / Curved shape	
	Fancy Kiridashi knife "UNRYU"/ right / 12mm		TL-SCR-1S	Wide Scraper / Straight shape	
	Fancy Kiridashi knife "UNRYU"/ Double / 15mm		TL-SCR-2	Standard Scraper Set / Set of 2 shapes	
	Fancy Kiridashi knife "UNRYU"/ left / 15mm		TL-SCR-5	Standard Scraper Set / Set of 5 shapes	
	Fancy Kiridashi knife "UNRYU"/ right / 15mm		TL-SCR-L18	Long Scraper / 180mm	
5	,aud State of the figure 15th in minimum			3 20.0pc. /	

TL-SCR-L25	Long Scraper / 250mm					
TL-SF2	Saddle Slot File / Thickness : 2mm 11					
TL-SF2.5	Saddle Slot File / Thickness : 2.5mm					
TL-SF3	Saddle Slot File / Thickness : 3mm 11					
TL-SFF5	Standard File Set / Secound cut File Set					
TL-SSF5	Swiss-cut Precision Needle File Set					
TL-S-SR200	Wood Saw Rasps / 200mm long blade					
TL-S-SR250	Wood Saw Rasps / 250mm long blade					
TL-S-SRD-RB	Saw Rasps Replacement blade					
TL-ST1200	Ceramic Single Stone / #1200 50					
TL-ST800	Ceramic Single Stone / #800 50					
TL-TC10	Fret Pullers / Blade width:5mm 19					
TL-TC5	Fret Pullers / Blade width:10mm					
TL-VNF4	Edge-Cut Violin Nut File Set 11, 52					
TL-VNF4/E	Edge-Cut Violin Nut File for E string 11, 52					
TWSB-1	2 Way Sanding Block / 184R/ 241R 17, 38					
TWSB-2	2 Way Sanding Block / 254R / 305R 17, 38					
TWSB-3	2 Way Sanding Block / 356R / 406R 17, 38					
TWSB-4	2 Way Sanding Block / 381R / 508R 17, 38					
	w					
	••					
WRE-1.27	Hex Wrenches / 1.27mm (.050") 47					
WRE-1.5	Hex Wrenches / 1.5mm 47					
WRE-1.57	Hex Wrenches / 1.57mm (1/16")					
WRE-2.0	Hex Wrenches / 2.0mm					
WRE-2.5	Hex Wrenches / 2.5mm					
WRE-3.0	Hex Wrenches / 3.0mm					
WRE-4.0	Hex Wrenches / 4.0mm 47					
WRE-5.0	Hex Wrenches / 5.0mm 47					
WRE-7.0	Hex Wrenches / 7.0mm 47					
WRE-8.0	Hex Wrenches / 8.0mm 47					
WRE-I14	Truss Rod Wrenches / 6.35mm (1/4")					

HOSCO®