

HOSCO Luthier Tool Catalog 2020-21



HOSCO

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NEW PRODUCTS



GROO BAR™ 042 BAR SET / 050 BAR SET

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BLACK NUT FILES

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COMPACT FRET CROWN FILES

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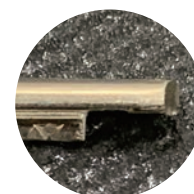
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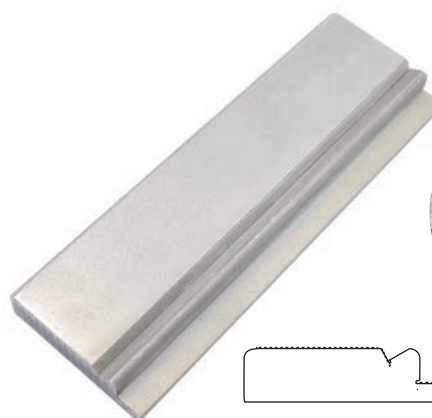
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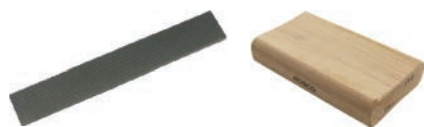
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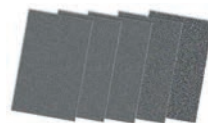
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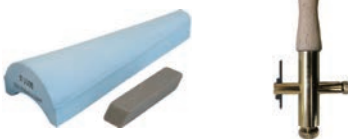
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NUT SLOT ASSIST TOOLS



GrooBar™ -Nut Slot Assist Tools- **HOSCO ORIGINAL**

The nut files can get to your target depth quickly.

Material : Non-hardened steel / Size : 12.5mmx80mm

H-GB4 Thickness : L=1.07mm (0.042") / L=1.27mm (0.050") / M=1.42mm (0.056") / H=1.65mm (0.065")

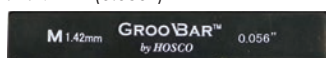
H-GB4U Thickness : U=0.81mm (0.032") / U=0.91mm (0.036") / L=1.07mm (0.042") / L=1.27mm (0.050")



L Thickness : 1.07mm (0.042")



L Thickness : 1.27mm (0.050")



M Thickness : 1.42mm (0.056")



H Thickness : 1.65mm (0.065")

H-GB4

Nut Slot Assist Tool for guitars
Set of 4



U Thickness : 0.81mm (0.032")



U Thickness : 0.91mm (0.036")



L Thickness : 1.07mm (0.042")



L Thickness : 1.27mm (0.050")

H-GB4U

Nut Slot Assist Tool for ukuleles
Set of 4

NEW



L Thickness : 1.07mm (0.042")

H-GB-042

042 Bar Set (Set of 4)

NEW



L Thickness : 1.27mm (0.050")

H-GB-050

050 Bar Set (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



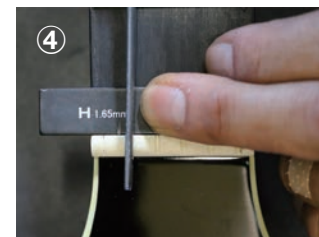
Choose one of Groobar.



File a nut to the Groobar.



Black-color is gone when done.



Move to the next slot.

NUT FILES



Black Nut Files **HOSCO ORIGINAL**

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.



H-NF-EG009

For Electric Guitars, 6pcs (009,012,016,024,032,042)

H-NF-EG010

For Electric Guitar,s 6pcs (010,013,016,028,036,046)

H-NF-AG

For Acoustic Guitars, 6pcs (012,016,024,032,042,054)

H-NF-CG

For Classical Guitars, 6pcs (028,032,036,040,042,046)

H-NF-EB

For Electric Basses, 5pcs (046,065,085,105,130)

H-NF-UK

For Ukuleles, 4pcs (024,028,032,036)



H-NF-H Aluminum Mag-Holder

Available individually -----

H-NF-009	Black Nut File 0.009"	← 0.009" (0.23mm) ← HOSCO JAPAN
H-NF-010	Black Nut File 0.010"	← 0.010" (0.25mm) ← HOSCO JAPAN
H-NF-012	Black Nut File 0.012"	← 0.012" (0.30mm) ← HOSCO JAPAN
H-NF-013	Black Nut File 0.013"	← 0.013" (0.33mm) ← HOSCO JAPAN
H-NF-016	Black Nut File 0.016"	← 0.016" (0.41mm) ← HOSCO JAPAN
H-NF-024	Black Nut File 0.024"	← 0.024" (0.61mm) ← HOSCO JAPAN
H-NF-028	Black Nut File 0.028"	← 0.028" (0.71mm) ← HOSCO JAPAN
H-NF-032	Black Nut File 0.032"	← 0.032" (0.81mm) ← HOSCO JAPAN
H-NF-036	Black Nut File 0.036"	← 0.036" (0.91mm) ← HOSCO JAPAN
H-NF-040	Black Nut File 0.040"	← 0.040" (1.02mm) ← HOSCO JAPAN
H-NF-042	Black Nut File 0.042"	← 0.042" (1.07mm) ← HOSCO JAPAN
H-NF-046	Black Nut File 0.046"	← 0.046" (1.17mm) ← HOSCO JAPAN
H-NF-050	Black Nut File 0.050"	← 0.054" (1.37mm) ← HOSCO JAPAN
H-NF-054	Black Nut File 0.054"	← 0.065" (1.65mm) ← HOSCO JAPAN
H-NF-065	Black Nut File 0.065"	← 0.085" (2.16mm) ← HOSCO JAPAN
H-NF-075	Black Nut File 0.075"	← 0.105" (2.67mm) ← HOSCO JAPAN
H-NF-085	Black Nut File 0.085"	← 0.130" (3.30mm) ← HOSCO JAPAN
H-NF-090	Black Nut File 0.090"	← 0.090" (2.29mm) ← HOSCO JAPAN
H-NF-105	Black Nut File 0.105"	← 0.075" (1.91mm) ← HOSCO JAPAN
H-NF-130	Black Nut File 0.130"	← 0.050" (1.27mm) ← HOSCO JAPAN

NUT FILES



Double Edge Nut Files **HOSCO ORIGINAL**

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

For acoustic guitars, for electric basses, for classical guitars, for electric guitars, and for ukuleles.

Total length : 190mm

Blade length : 100mm



TL-NF3A

Teeth per inch : 54 cut

For Acoustic Guitars (.016"/.042", .026"/.050", .036"/.055")



TL-NF3E

Teeth per inch : 65 cut

For Electric Guitars (.010"/.026", .013"/.036", .017"/.046")



TL-NF3B

Teeth per inch : 43 cut

For Electric Basses (.045"/.085", .065"/.105", .075"/.130")



TL-NF3U

Teeth per inch : 60 cut

For Ukuleles (.022"/.028", .024"/.032", .026"/.036")



TL-NF3C

Teeth per inch : 48 cut

For Classical Guitars (.030"/.038", .032"/.042", .035"/.046")

Chart of the fitting each file to ukulele strings.

Notice : Please check the actual string gauge and select the suitable file for use.

	Nylgut	Nylon	Fluorocarbon
.022" (0.56 mm)			1st
.024" (0.61 mm)	1st	1st	4th
.026" (0.66 mm)	4th	4th	2nd
.028" (0.71 mm)	2nd	2nd	3rd
.032" (0.81 mm)		3rd	Low-G(Plain)
.036" (0.92 mm)	3rd Low-G(Wound)	Low-G(Wound)	

Average gauges for soprano/concert C tuning

NUT FILES

Edge-Cut Nut Files

Various of accurate gauges are available.
TL-NF10 has 10 variation and TL-NF11 has 11 variation.
Each file is available individually.
Total length : 150mm
Blade length : 115mm



TL-NF10

Set of 10 (0.010" - 0.056")
w/case

TL-NF11

Set of 11 (TL-NF10 + 0.050")
w/case

Gauge Item#	.010"	.013"	.016"	.024"	.028"	.032"	.036"	.042"	.046"	.050"	.056"
TL-NF10	○	○	○	○	○	○	○	○	○		○
TL-NF11	○	○	○	○	○	○	○	○	○	○	○

Available individually -----



TL-NF-010

Teeth per inch : 73cut, .010" (0.254mm)

TL-NF-013

Teeth per inch : 80 cut, .013" (0.330mm)

TL-NF-016

Teeth per inch : 80 cut, .016" (0.406mm)

TL-NF-024

Teeth per inch : 76 cut, .024" (0.610mm)

TL-NF-028

Teeth per inch : 76 cut, .028" (0.711mm)

TL-NF-032

Teeth per inch : 78 cut, .032" (0.813mm)

TL-NF-036

Teeth per inch : 78 cut, .036" (0.914mm)

TL-NF-042

Teeth per inch : 78 cut, .042" (1.067mm)

TL-NF-046

Teeth per inch : 78 cut, .046" (1.168mm)

TL-NF-050

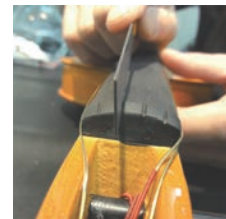
Teeth per inch : 78 cut, .050" (1.270mm)

TL-NF-056

Teeth per inch : 66 cut, .056" (1.422mm)

Violin Nut Files

These nut files are designed for filing the slots for strings of violins. It brings accurate works.
Comes with a plastic cylinder case.
Total length : 150mm
Blade length : 90mm



TL-VNF4

Set of 4 (E .020", A .026", D .032", G .040")
Teeth per inch : 76 cut (for E, A, and D strings)
Teeth per inch : 78 cut (for G string)

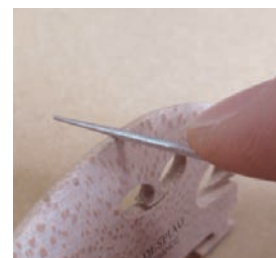
Available individually -----

TL-VNF4/E

Violin Nut File for E string (.020")
Teeth per inch : 76 cut

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 separately.
Total length : 100mm.



TL-BF5LR

Teeth per inch : 160 cut
Set of 5, Non-Clog Coated Round

Available individually -----

TL-BFLR08

Non-Clog Coated Round, 0.8mm

TL-BFLR12

Non-Clog Coated Round, 1.2mm

TL-BFLR15

Non-Clog Coated Round, 1.5mm

TL-BFLR20

Non-Clog Coated Round, 2.0mm

TL-BFLR25

Non-Clog Coated Round, 2.5mm

LEVELING FILES



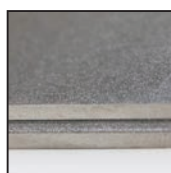
HOSCO ORIGINAL

Diamond Fret Level & Crown Files

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

Size : 25mm x 160mm x 5mm.

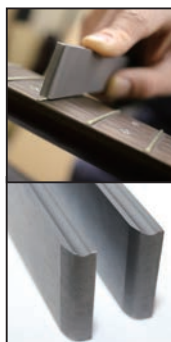
Weight : 150g



600-grit Diamond



Fret leveling



2 different sized crown files on the edges.



TL-FFLD12

File R1/ for ukulele or mandolin frets
File R2/ for normal guitar frets

TL-FFLD23

File R2/ for normal guitar frets
File R3/ for jumbo frets

Diamond Leveling File

This compact-sized leveling file is easy to use to a narrow place. Most of leveling files are designed based on guitar fingerboard size, but this has a perfect size for ukulele or mandolin fingerboards.

Size: 102 x 27 x 31 mm / Weight : 60g



TL-DIA500CL

Diamond leveling file
(500-grit)



You can safely level and bevel the frets even at higher frets with the handle.

Fret Leveling File

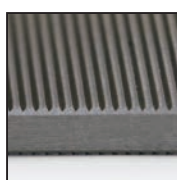
This file has 160mm(L) x 28mm(w) x 5mm(T) size with single cut. Easy and fast work for fret leveling.



TL-FL160S

Fret leveling file

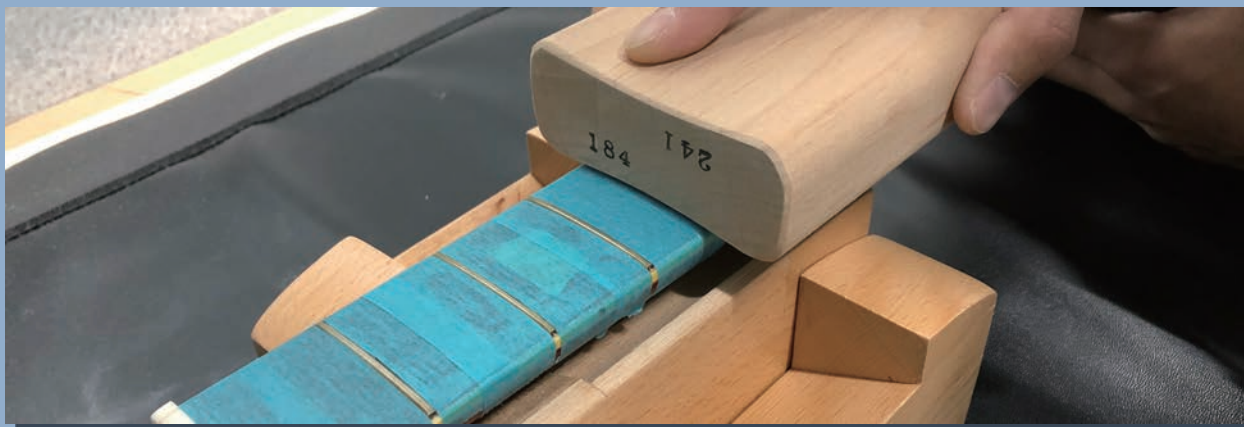
Teeth per inch : 20 cut



Enlarged photo

Large is not necessarily good.
Select smaller tools
for smaller musical instruments!

SANDING TOOLS



Mini Self-adhesive Diamond Sheets

The Mini Self-adhesive Diamond Sheets are now available in 4 different grits.
The small size is good for ukulele or mandolin fret leveling work with sanding block.
Or any purpose for sanding or sharpening tools.
It is very flexible and easy to cut to any sizes.
Size : 50 x 100mm



IDS-150

150-grit



IDS-300

300-grit



IDS-600

600-grit



IDS-1200

1200-grit



The reverse side is self-adhesive.

HOSCO ORIGINAL

Sanding Blocks for Ukuleles and Mandolins

Most of ukulele fingerboards are still flat, but nowadays radiused fingerboard is getting popular. We developed two models with different radiuses. One side is flat and another side is radiused on both of the two models.

The flat side is also suitable to traditional mandolin fingerboards.

100mm(L) x 60mm(W) x 35mm(H) size fits ukulele and mandolin fingerboard work.



TWSB-12U

Radius : 12" (305mm) / Flat



TWSB-16U

Radius : 16" (406mm) / Flat



SANDING TOOLS

Dual Grit Mini Diamond Plates

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

Size: 30 x 100mm / Thickness : 1mm

One side



Another side



IDP-156

150 / 600-grit

IDP-410

400 / 1000-grit



Useful for beveling the edges of frets quickly
Useful for beveling the edges of frets quickly

Kovax Rolled Sandpapers

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

Width : 64mm



KCR100

100-grit, 1.4m



KCR120

120-grit, 1.8m



KCR150

150-grit, 2.2m



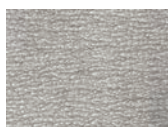
KCR240

240-grit, 2.6m



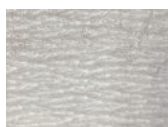
KCR320

320-grit, 3.2m



KCR400

400-grit, 3.2m



KCR600

600-grit, 3.2m

Self-adhesive Diamond Sheets

Suitable to use with our TWSB series sanding blocks.

100-grit and 400-grit are available.

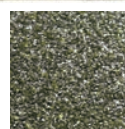
Easy to cut by knife or scissors.

Size : 75x150mm



TDS100

100-grit Dia



Enlarged photo



TDS400

400-grit Dia



Enlarged photo

2-Way Sanding Blocks **HOSCO ORIGINAL**

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 self-adhesive sandpapers.

Size : 80 x 150mm / Sanding area : 65 x 150mm



TWSB-1

Radius : 7-1/4" (184mm) / 9-1/2" (241mm)



TWSB-2

Radius : 10" (254mm) / 12" (305mm)



TWSB-3

Radius : 14" (356mm) / 16" (406mm)



TWSB-4

Radius : 15" (381mm) / 20" (508mm)



CROWN FILES



Compact Fret Crown Files **HOSCO ORIGINAL**

New compact fret crown files are available.
The size length is only 100mm (3.94").
This palm sized file can be holded easily and you can put the power from the top and control easily.
These files have coarse-cut and fine-cut on the edges.
File Size : 100 x 20 x 4mm without silicone rubber grip



H-FF1



H-FF2



H-FF3

Model	Description
H-FF1	Compact Fret Crown File, Small (R:1mm), Blue
H-FF2	Compact Fret Crown File, Medium (R:2mm), Yellow
H-FF3	Compact Fret Crown File, Jumbo (R:3mm), Red

Embossed mark on the silicone rubber is not only for holding.
It shows the cutting edges (coarse or fine) and file direction.



This is fine cutting (small triangle mark)

This is coarse cutting (large triangle mark)

Fret Crown Files **HOSCO ORIGINAL**

3 different radiuses are available.
Small is for ukuleles and mandolins, medium is for standard frets, large is for wide frets.
Blade length : 105mm.
Total length : 195mm.



TL-FF1

Teeth per inch : 49 cut, Small



TL-FF2

Teeth per inch : 43 cut, Medium



TL-FF3

Teeth per inch : 43 cut, Jumbo



Fret Dressing Files **HOSCO ORIGINAL**

This fret dressing file is designed for fret end work.
This pencil-like shape gives you more precise file job.
30 degree angled bottom is easy to fit on fingerboard with pencil-holding.
There are 3 different radius sizes for fret crown.
Blade : length 35mm / Total length : 160mm.



TL-FE1

Teeth per inch : 96 cut, Small



TL-FE2

Teeth per inch : 96 cut, Medium



TL-FE3

Teeth per inch : 96 cut, Jumbo



File top:concave, single cut
File sides: single cut
File bottom: no teeth

CROWN FILES / MASKING TAPES



3 in 1 Diamond Fret Crown File **HOSCO ORIGINAL**

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).



TL-FFD600

3 different radiuses in one file



Small standard
(R=1mm)

Medium standard
(R=2mm)

Jumbo
(R=3mm)



TL-FFLD12

TL-FFLD23

This unique 3 in 1 diamond file is HOSCO original design.

See page 8

Low Tack Masking Tape for fret work

This masking tape is specially developed for wooden work by leading masking tape factory in Japan. The glue is not too strong to damage the fingerboard surface, but good enough for a fret job.
3 different wide masking tapes are available and they are sold as a set and also individually.
The width is 6mm (1/4"), 12mm (1/2") and 20mm (0.8").

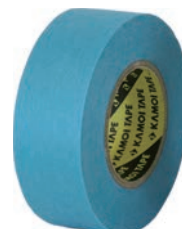
NEW



6mm



12mm



20mm

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)

Tape length : 18m (20yd)
Tape thickness : 0.10mm
Adhesive force : 1.08N/10mm
Tensile strength : 68.1N/15mm
Inner diameter : 30mm
Outer diameter : 55mm



*Case is not included

FRET RUBBERS



Fret Polishing Rubbers **HOSCO ORIGINAL**

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! Size : 65 x 18 x 9mm



FPR180
180-grit, 2pcs/set, blue



FPR400
400-grit, 2pcs/set, red



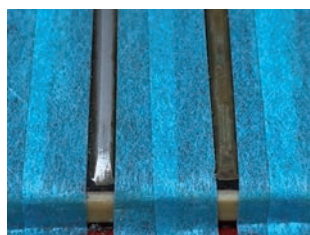
FPR1000
1000-grit, 2pcs/set, yellow

How to use FPR180, 400 and 1000

Easy to polish fret crown without masking.
Step up from 180 to 1000 depend on fret condition.



Polishing the fret
You can cut FPR as you like



After : Shiny!! Before : Dirty frets

Fret Sanding Rubber **HOSCO ORIGINAL**

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. Size : 65 x 18 x 9mm.



FSR150

150-grit, 2pcs/set, dark blue for sanding use

How to use FSR150

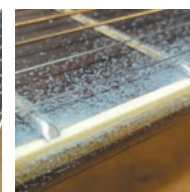
Easy to round off the filed fret edge by FSR150.



The edge is very sharp after sanding by beveling file.



Sanding the fret edge by FSR150 softly.



After sanding, the fret bevel edge has round.

Fret Rubber Sets **HOSCO ORIGINAL**



FPR-SET-3

Set of 3
(FPR180, FPR400, FPR1000)



FPR-SET-4

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

EASY FRET CARE



Easy Fret Care **HOSCO ORIGINAL**

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

Case size : 93 x 60 x 5mm
Easy Care Cloth size : 90 x 55mm
Easy Care Sheet size : 91 x 55mm (16/18/21mm)
Easy Care Sheet slit length : 65mm

Easy to Hand Carry **NEW**

Easy to Use

Easy to Make Frets Shine



H-EFC-S20

Easy Fret Care, 2.0mm
(for Small size fret)



H-EFC-S24

Easy Fret Care, 2.4mm
(for Medium size fret)



H-EFC-S28

Easy Fret Care, 2.8mm
(for Jumbo size fret)

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



H-EFC-R20

Easy Fret Care, 2.0mm Refill Pack, w/o case

Available individually -----

H-EFC-R24

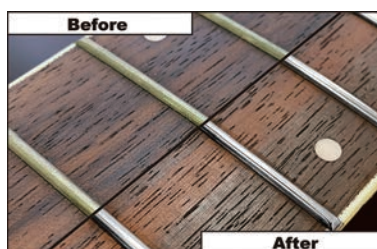
Easy Fret Care, 2.4mm Refill Pack, w/o case

H-EFC-R28

Easy Fret Care, 2.8mm Refill Pack, w/o case

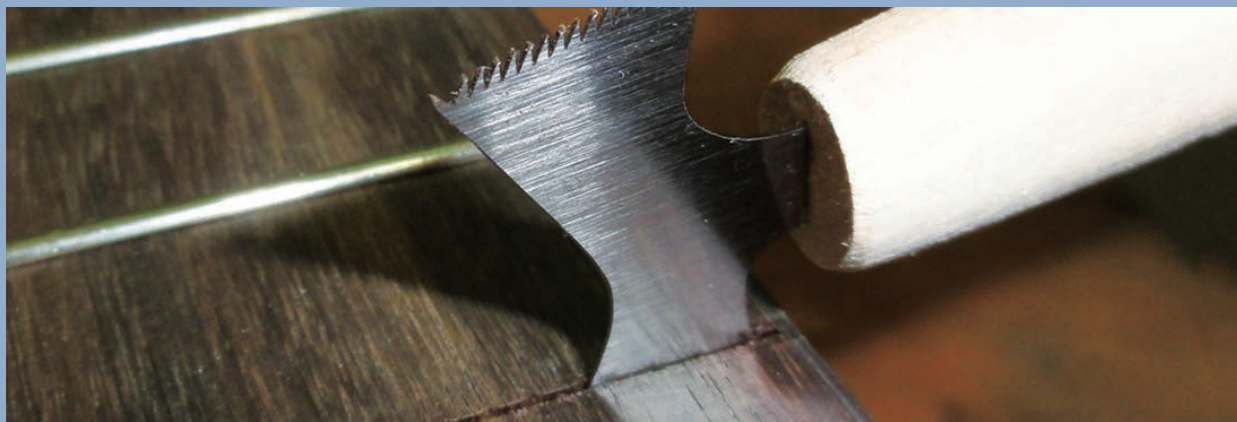
<How to use>

1. Please wipe the fingerboard and remove the dusts by common cloth first.
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, please change to a new one.



Check "How to use" movie.

FRET SLOT TOOLS



Fret Slot Cleaning Saws (Ryoba)

HOSCO ORIGINAL

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 another is push-cut.

You can clean up each fret slot edge quickly and perfectly!

Ryoba style saw -----



TL-H-SCSWD04

Thickness : 0.40mm



TL-H-SCSWD05

Thickness : 0.50mm



Pull side blade

Push side blade

Blade length is 15mm.

Fret Slot Cleaning Saws (45 degree angled)

HOSCO ORIGINAL

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

Tooth spacing is 0.9mm. Blade length is 15mm.

You can choose 2 different blade Thickness.

45 degree angled saw -----



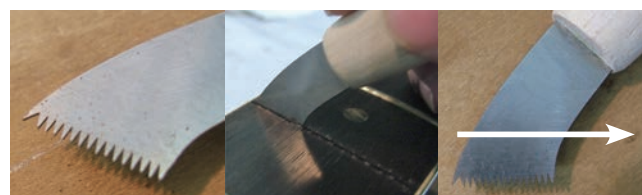
TL-H-SCSW040

Thickness : 0.40mm



TL-H-SCSW050

Thickness : 0.50mm



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

FRET SLOT TOOLS

Fret Slot Saw Guide **HOSCO ORIGINAL**

This fret slot saw guide is designed for HOSCO fret slot saws. (catalog Page 17)

Fret slot depth can be controled 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.)

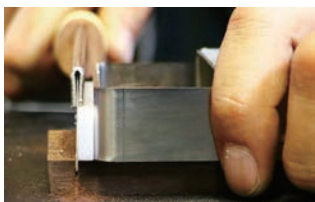
3 Neodymium magnets backed Polyacetal guide draws the saw blade and support the cutting straightly and at right angle to the fingerboard. Stainless steel made.

Size : 195 x 90 x 25mm, Weight : 475g.



H-FSWG

Fret slot saw guide for HOSCO fret saws



The saw goes vertically against a 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 visual check where you are cutting.



H-FSWG-PG

Polyacetal guide only
(3 Neodymium magnets assembled)



Size : 14 x 70 x 4mm
Contain :
Guide x 1
(w/ 3 Neodymium magnets)
Screw x 2
Nut x 2

The polyacetal guide will be worn by touching a saw and the guide repeatedly.
The guide is sold individually for replacement.
* If you need to change both size guides, Please order 2pcs.



The instruction movie from the QR code will show you how to use the H-FSWG.

How use use

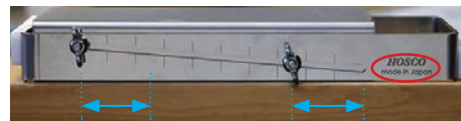
1. Set the slot depth

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

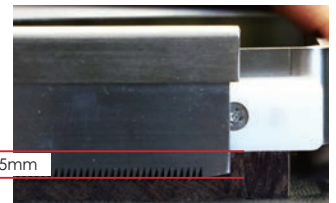
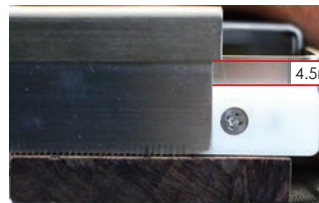
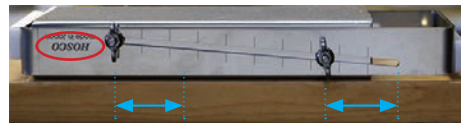
1 scale mark means approx.1.2mm depth adjustment.

2 faces give different high adjust. Plase refer the following photos.

Deep cut positions (approx. 4.7 - 2.5mm)



Shallow cutpositions (approx. 2.5 - 0.0mm)



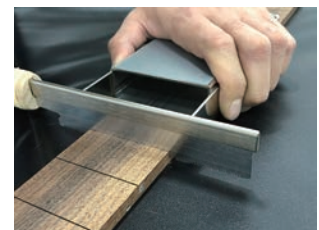
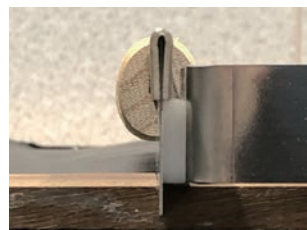
The distance between steel back bottom and guide top will be the cutting depth. Please adjust the slide frame to get the target depth.

2. Set the guide on the fingerboard



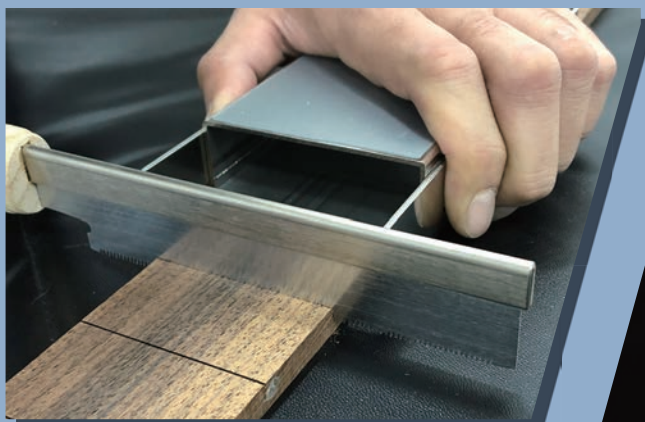
Marking the center line on the fingerboard. It is a guide line for Fret Saw Guide. And then set the guide which both triangle cut center mark (This mark is on the polyacetal guide) is on this line.

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.

FRET SLOT TOOLS



Fret Slot Saws **HOSCO ORIGINAL**

2 types of Fret Slot Saws with 120mm long blade are available. One is High-end model. These are great saws for luthiers who make high-end musical instruments. Another is Standard model. Both models cut fret slots accurately on even hard fingerboards.

High-end model

Cross cut teeth and the tooth spacing is 1.07mm.
Material : YSS (Yasuki Specialty Steel)



TL-H-FSW050H

Thickness : 0.50mm



TL-H-FSW053H

Thickness : 0.53mm



TL-H-FSW057H

Thickness : 0.57mm

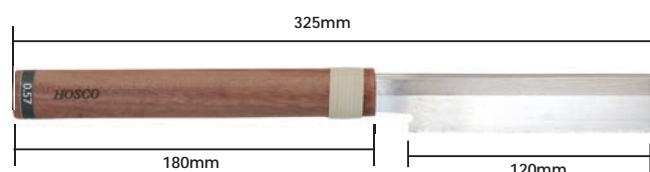


TL-H-FSW060H

Thickness : 0.60mm



enlarged photo of TL-H-FSWH blade



Standard model

Universal cutting teeth and the tooth spacing is 1.25mm.
Material : Carbon Steel



TL-H-FSW050

Thickness : 0.50mm



TL-H-FSW053

Thickness : 0.53mm



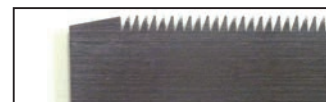
TL-H-FSW057

Thickness : 0.57mm



TL-H-FSW060

Thickness : 0.60mm



enlarged photo of TL-H-FSW blade

Circular Saw for Fret Slots

Diameter : Outer dia. 100mm, Inner dia. 32mm
Thickness : 0.5mm
Material : SK steel
Made in Japan
*OEM production is welcomed.

HFCS-100-05

Circular Saw for Fret Slots



enlarged photo of teeth

FRET TOOLS



Fret Puller

TL-TC10 has flattened blade.
Not suitable to cut the wires but good for just pulling out the frets from fingerboard.
Material : Carbon Steel
Blade width : 10.0mm
Blade thickness : 0.4mm
Length : 150mm



TL-TC10

Fret puller



TL-TC10 blade shape



Fret Cutter **HOSCO ORIGINAL**

We developed this fret cutter at the factory who has 95 years history to make cutting pliers by Japanese traditional making methods.
The material is made of special steel which called High Carbon tool steel.
190mm total length with 26mm blade width.
Flat and sharp cutting edge makes very flat fret end.
This is not suitable for stainless frets.
(Recommended tool for stainless frets: C-C28)
Catalog Page 19

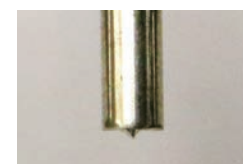
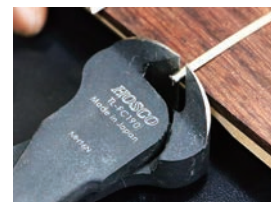


TL-FC190

Fret cutter



TL-FC190 blade shape



Cut end by TL-FC190

FRET TOOLS

Hosco Fret Tang Nipper *HOSCO ORIGINAL*

Hosco fret tang nipper comes back in 2020.
We line up 2 versions for medium and for jumbo size fret. 170mm in length and 250g in weight.
It helps your fret tang cutting job easily.

NEW

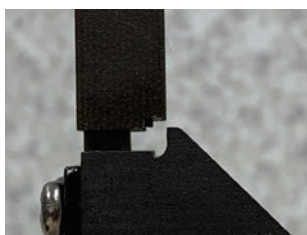


H-FTN-M

Fret Tang Nipper for Medium frets

H-FTN-J

Fret Tang Nipper for Jumbo frets



1) Ser a fret on the base slit



2) Cut the fret tang



Before cutting



After cutting

Stainless Fret Cutter

2.3mm piano wire cutting ability for this model.
Easy cutting and less power by leverage.
We recommend to use for stainless wire cutting.
This works for not only fret works, but also needle springs or piano wire cutting in wind instruments or piano field.

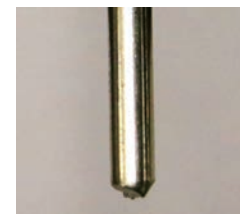


C-C28

Wire cutter
w/button lock
Total length : 210mm



C-C28 blade shape



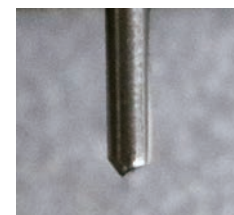
Cut end by C-C28

Cutting stainless fret 100 times



Before

After



Cut end of stainless fretwire by C-C28

How to Unlock



FRETTING TOOLS



Hammers

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

HOSCO Fretting Hammer



Weight : 115g

NEW

TL-HMF-S

For fretting

Head Material : Bronze

Head : Octagonal Shape, 60 x 15 x 17 mm

Total length : 300mm



Both small convex faces can hit frets as a point and both long flat faces can hit frets as a plane.

Twin Hammers



Weight : 225g

TL-HMT-L

For fretting

Head : 25mm dia. x 75mm

Total length : 330mm



Weight : 115g

TL-HMT-S

For fretting

Head : 17mm dia. x 64mm

Total length : 300mm



Fret Setter **HOSCO ORIGINAL**

The TL-FS10 is useful for resetting frets without loosening the strings.

Brass made, 10cm long Fret Setter

The 7mm diameter slim body helps a fretting job easily.

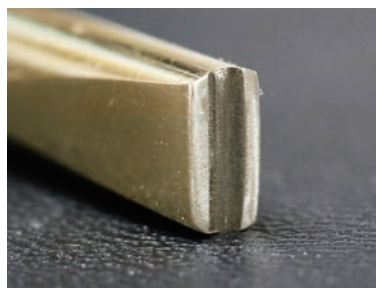
Suitable for small, medium and jumbo fretwires



TL-FS10

Material: Brass

Suitable for small, medium and jumbo fretwires

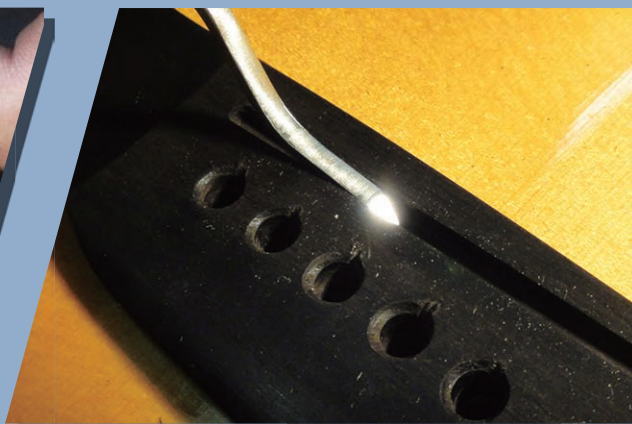


Tip shape



Fit the tip of TL-FS10 over the crown of frets

SLOT TOOLS



Saddle Slot Files **HOSCO ORIGINAL**

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.
Size : 50mm long x 20mm high x 2 / 2.5 / 3mm thick.



TL-SF2

Teeth per inch : 67 cut
Thickness : 2mm



TL-SF2.5

Teeth per inch : 67 cut
Thickness : 2.5mm



TL-SF3

Teeth per inch : 67 cut
Thickness : 3mm



HSS steel Micro Chisels **HOSCO ORIGINAL**

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 .



TL-MC11

Blade Material : High Speed Steel
Width : 1.1mm

TL-MC22

Blade Material : High Speed Steel
Width : 2.2mm



enlarged photo of
TL-MC11 (Left) / TL-MC22 (Right)

TL-MC11 (Left)

1.1mm width is good for violin purfling slot making.

TL-MC22 (Right)

2.2mm width is good for guitar saddle slot work.

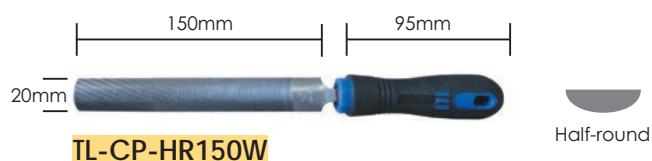
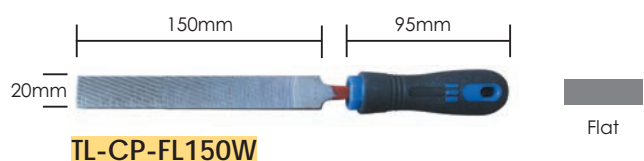
FILES



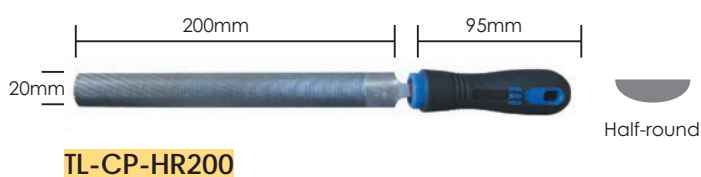
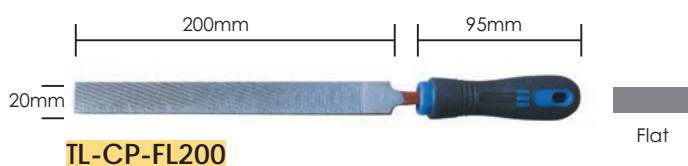
CP(Chemical Polishing) Files

The CP files have special file tooth pattern and it keeps file clean without clogging.
It works incredible fine for wood filing! You have to use it 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

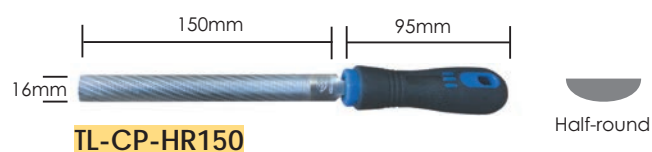
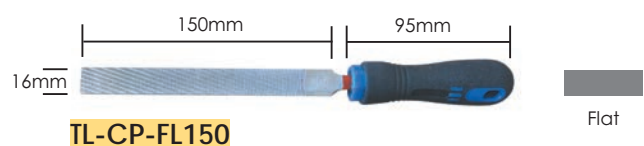
Medium wider size



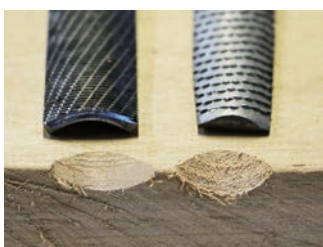
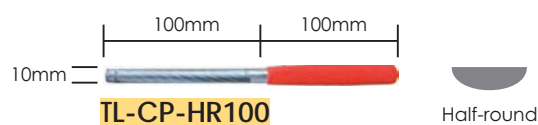
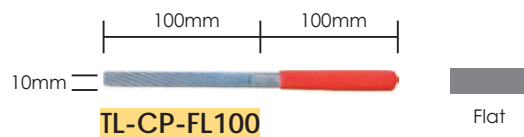
Large size



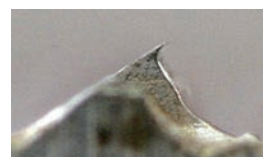
Medium size



Small size



Left : 1 stroke by CP file
Right : 10 stroke by normal wood file
Comparison between CP file and normal wood file



Enlarged CP files tooth.
This is the secret.
CP file has special file tooth pattern.

FILES

Standard File sets

Each file set includes 5 different shapes.

TL-SFF5 is second cut file set with rubber grip.

TL-DIA5 is 200-grit Diamond file set with rubber grip.

TL-SSF5 is swiss-cut precision needle file set.

Shapes



Thickness

Flat	: 1.5mm
Half-round	: 2.7mm
Round	: 3.4mm
Square	: 3.5mm
Triangle	: 5.5mm
File length	: 76.3mm
Total length	: 185mm

TL-SFF5

Teeth per inch : 58 cut
Second Cut Files, Set of 5



Thickness

Flat	: 1.5mm
Half-round	: 2mm
Round	: 2.7mm
Square	: 3mm
Triangle	: 3.5mm
File length	: 50.5mm
Total length	: 140mm

TL-DIA5

200-grit Diamond Files, Set of 5



Thickness

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

TL-SSF5

Teeth per inch : 130 cut
Swiss Cut Needle Files, Set of 5

Nut and Saddle Shaping Files

3 different shapes (Flat, Half-round and Triangle) are available. All files are non-clogging coated, so they work quite well.

This "non-clog" plating works to remove the dusts of any materials from the teeth very easily.

File length : 100mm.

Total length : 220mm.



TL-BF3

Teeth per inch : 43 cut
Saddle Shaping File, Set of 3

Available individually -----



TL-BFFL

Flat



Thickness	: 3.5mm
Width	: 11mm



TL-BFHR

Half-round



Thickness	: 3.8mm
Width	: 12mm



TL-BFTRI

Triangle



Thickness	: 9.0mm
Width	: 9.0mm



FILES

Feather Edge and Feather Edge Diamond Files

Feather edge and feather edge diamond files are normally used for sharpening hand saw, but these are useful for the first cut-in before nut slot filing.

Feather Edge Files -----



TL-DF100

Teeth per inch : 58 cut
100mm Cut

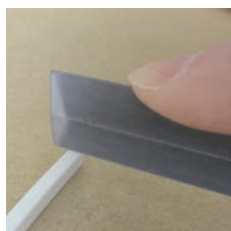


TL-DF150

Teeth per inch : 50 cut
150mm Cut



Sharpening saw blades



Marking for first-cut
before nut slot making

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.



Crossing Files

These crossing files works for violin making. Each face has different radius and we line up 2 different grid (#0 and #1) and 2 different length (150mm and 200mm).

vallorbe
SWISS



TL-VS-C0150 #0, Length 150mm

TL-VS-C1150 #1, Length 150mm

TL-VS-C0200 #0, Length 200mm

TL-VS-C1200 #1, Length 200mm



	A	B
TL-VS-C*150	15.1	4.7
TL-VS-C*200	21.1	6.3

(mm)

Half-round Files

Half-round shaped flies are standard design, but we line up 3 different grid (#00, #0 and #1) with 2 different length (150mm and 200mm).

vallorbe
SWISS



TL-VS-HR00150 #00, Length 150mm

TL-VS-HR0150 #0, Length 150mm

TL-VS-HR1150 #1, Length 150mm

TL-VS-HR00200 #00, Length 200mm

TL-VS-HR0200 #0, Length 200mm

TL-VS-HR1200 #1, Length 200mm



	A	B
TL-VS-HR*150	15.1	4.7
TL-VS-HR*200	21.1	6.3

(mm)

Vallorbe Cut Number

Vallorbe's cut number shows number of teeth [Z / cm].
Z/cm is obtained by counting perpendicularly to the cut.
Here is the list of the number of teeth per cm.

- #00 : 16 teeth per cm
- #0 : 20 teeth per cm
- #1 : 25 teeth per cm

SAW RASPS



Wood Saw Rasps

The saw rasp is a unique tool which has properties for both of 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 released from clogging!!!



TL-S-SR200

200mm long blade



TL-S-SR250

250mm long blade



TL-S-SRD200

200mm long blade, angle type



TL-S-SR200



TL-S-SRD200

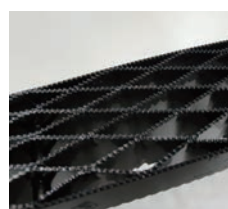


TL-S-SRD-RB

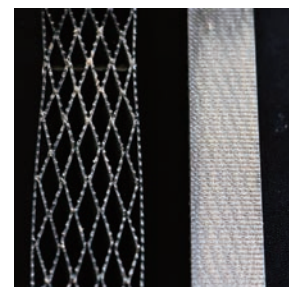
Replacement blade for TL-S-SRD200



Coarse side



Fine side



Saw Rasp

General

SANDING SHEETS



SHINEX Sanding Sheets

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 structure. Perforations are added into the center so it can be cut it in half. In addition, it is usable in both water and oil.



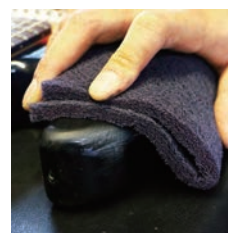
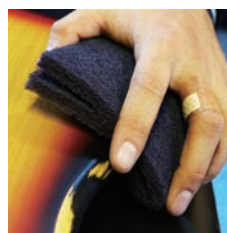
Size :
150x230x7.5mm (can cut half)



SSS-SET

2 of each grit (80 ~ 3000-grit)
16 sheets in total

SSS-80	80-grit, black	SSS-600	600-grit, purple
SSS-120	120-grit, brown	SSS-800	800-grit, bluish purple
SSS-240	240-grit, red	SSS-1500	1500-grit, gray
SSS-400	400-grit, green	SSS-3000	3000-grit, orange



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



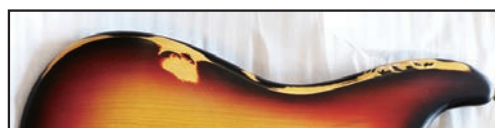
Easy to cut in the center,
because of a perforation



Sheet thickness is 7.5mm.



Before



After

SANDING SHEETS

Kovax Finish Repairing Papers

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)

Size : 70mm x 114mm (divided into 8 parts)



The instruction movie from the QR code will show you how to use the KFRP.



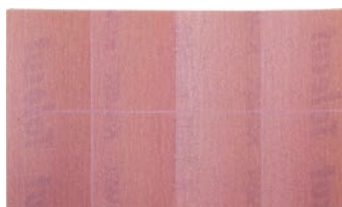
KFRP800

800-grit, yellow



KFRP1200

1200-grit, orange



KFRP1500

1500-grit, pink



KFRP2000

2000-grit, green



KFRP2500

2500-grit, blue



KFRP3000

3000-grit, black

Rubber Blocks for KFRP

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



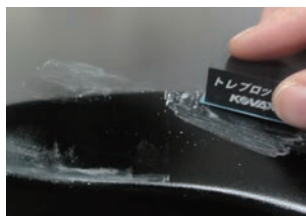
KFRP-RBF

For flat surface,
33 x 27 x 15mm, set of 2

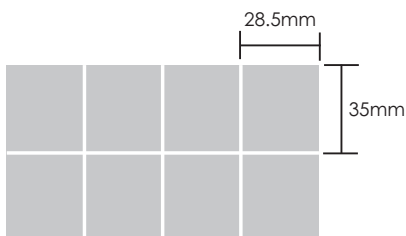


KFRP-RBC

For curved surface,
26 x 33 x 20mm, set of 2



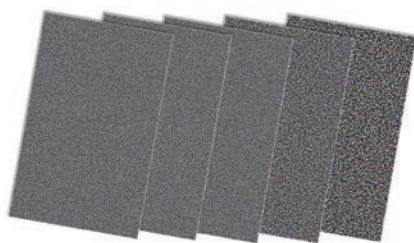
KOVAX Finish Repairing Papers
with KFRP-RBF



One sheet is divided into 8 small pieces

Kovax Water Proof Sandpapers

Standard water proof sandpapers for general wooden works. 200pcs per box. Size : 228 x 140mm



KSC180

180-grit

KSC240

240-grit

KSC320

320-grit

KSC400

400-grit

KSC600

600-grit

KSC800

800-grit

KSC1000

1000-grit

KSC1200

1200-grit

KSC1500

1500-grit

KSC2000

2000-grit

MOQ : 200pcs each



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. However, it is available and can make this beautiful surface. "Unryu" means "movement of cloud". It is made of multi-layered steel.

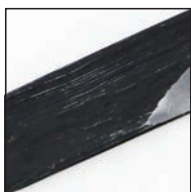
The amazingly beauty of cloud pattern on the surface is only from the meister of blacksmith. Engraved name with gold on the knife Both knives are with Japanese traditional wooden case.

Total length : 210mm

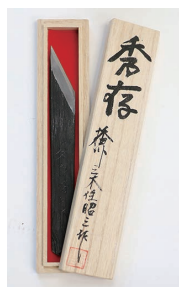


TL-I-KM21

"Mokume" knife, Right



Mokume up



w/ the wooden case



TL-I-KU21

"Unryu" knife, Right



Unryu up



w/ the wooden case

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.



Beautiful cloud pattern on the surface



Multi layered steel

Bevel: Right

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

Bevel: Left

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

Bevel: Double (Right & Left)

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

KNIVES

Unryu Kuri-style Knife "Ume-Tsuba"

The decoration on the handle and sheath is called "Ume-Tsuba" and it is a kind of traditional Japanese patterns. Our manufacturer is the last one who can do the traditional decoration.

It is worth adding into your collection!

Total length: 205mm / Blade length: 105mm



TL-I-KU105UME

Unryu, Kuri-style, w/Decorated handle and sheath
Blade material: Yasuki Hagane (Blue Steel No.2)



Enlarged photo of blade



Enlarged photo of Ume-Tsuba

"Kuri" Knives

As it has no pattern, you can enjoy your original pattern with it.

Total length : 160mm.

Blade width : 10mm, no handle type



TL-I-KU10R

"Kuri" knife, Right



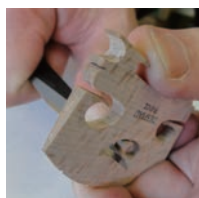
TL-I-KU10L

"Kuri" knife, Left



TL-I-KU10D

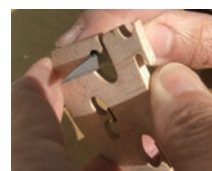
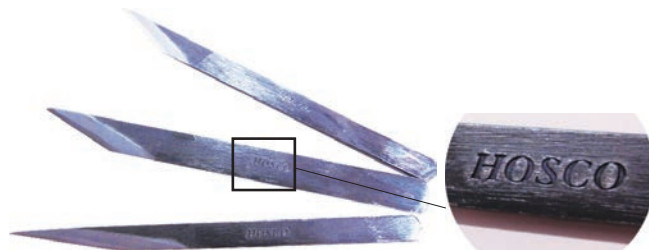
"Kuri" knife, Double



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

Kiridashi Knives

These knives are made of two layered hand forged hardened steel.



Logo stamp is available for 10mm on up.

Left bevel knife is not only for left handedness. This is useful for pulling cut for right handedness.

Bevel: Right

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

Bevel: Left

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

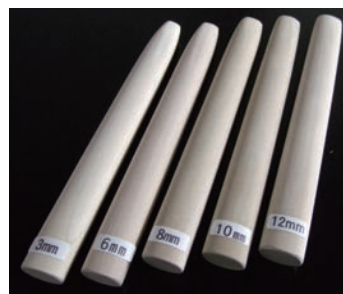
Bevel: Double (Right & Left)

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

Wooden Handles for Japanese Kiridashi Knives

All Kiridashi Knives are without handles as you see, but the handles are available as pictured.

Length : 180mm



*Each knife and handle is available for 3, 6, 8, 10, 12, 15 & 18mm blade width.

	Width		Width		Width
TL-I-H3	3mm	TL-I-H10	10mm	TL-I-H15	15mm
TL-I-H6	6mm	TL-I-H12	12mm	TL-I-H18	18mm
TL-I-H8	8mm				

KNIVES

"Kogatana" Knives 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, will keep the knives in condition.
Individual knife covers are also included.
Total length : 157mm / Handle length : 95mm



TL-I-6S

Mini Knives Set with Roll-up Bag, set of 6

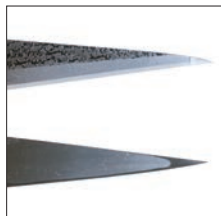
Cutting Edge



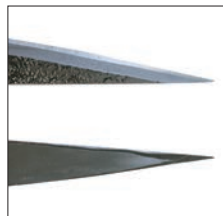
Right beveled



Left beveled



Pointed right beveled



Pointed left beveled



Double beveled



Chisel style



- 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.

Wood Carving Knife **HOSCO ORIGINAL**

Japanese traditional designed and double beveled carving knife with wooden handle.
Blade length : 60mm / Handle length : 140mm

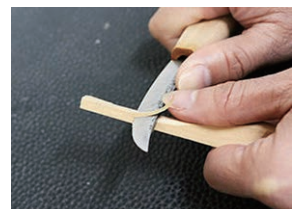


TL-I-CAKD

Carving Knife, Double Bevel



double beveled



HOSCO ORIGINAL

"Kuri" Knives with Special Wooden Handle

It is same as Kiridashi and Yokote knife but its pointed head allows you to process the places where you are unable to process by Kiridashi or Yokote 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 Bevel



TL-I-KUKL

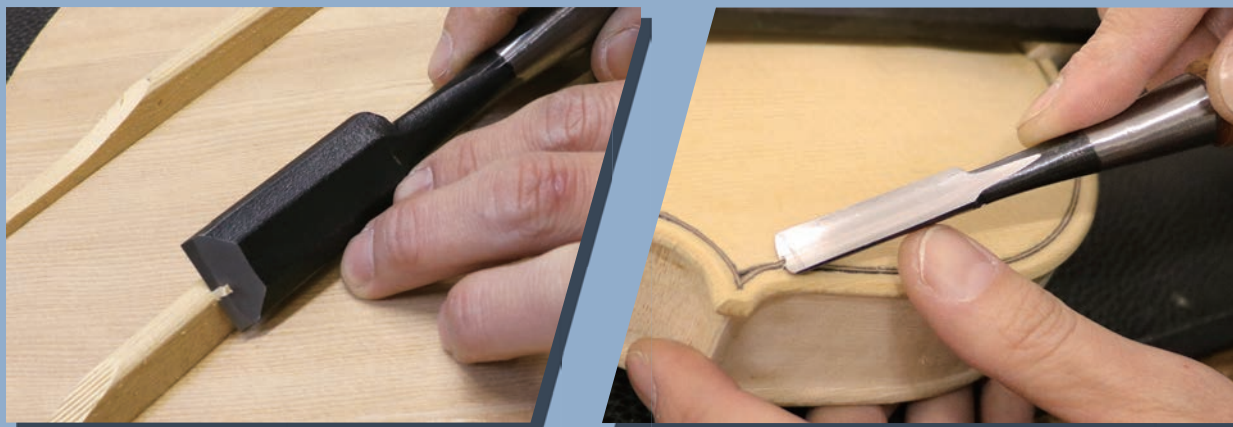
Left Bevel



TL-I-KUKD

Double Bevel

CHISELS



Japanese Chisels (Tataki-Nomi)

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

Total length : 225mm Hardness of blade : HRC63



TL-INM3

3mm wide blade



TL-INM6

6mm wide blade



TL-INM9

9mm wide blade



TL-INM12

12mm wide blade



TL-INM15

15mm wide blade



TL-INM18

18mm wide blade



TL-INM21

21mm wide blade

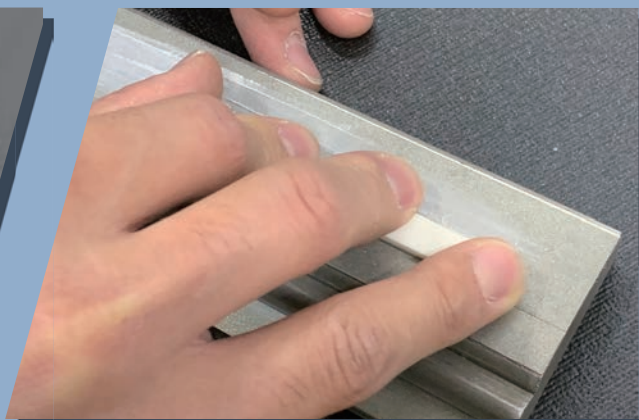


TL-INM24

24mm wide blade



HONES



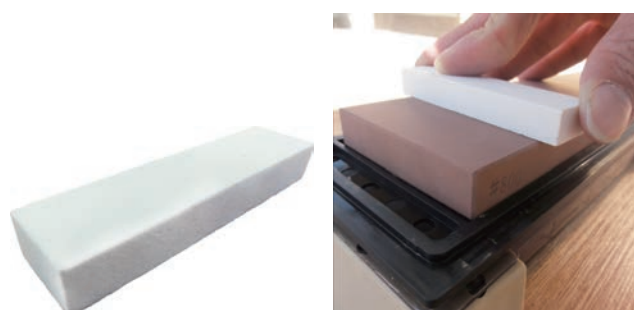
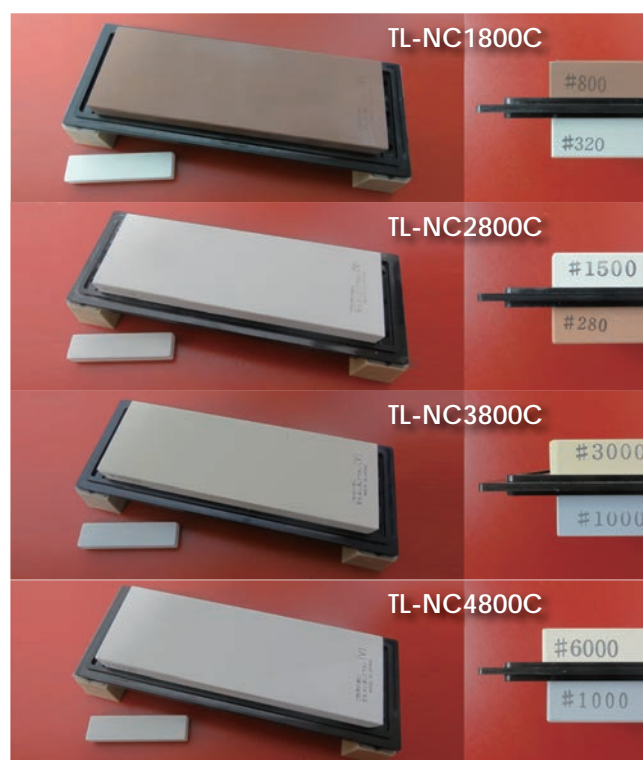
Ceramic Combination Stones

Our ceramic stones are made by mixing superfine compound and clayey binder and then high-temperature firing. 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. Size : 25 x 62 x 25mm



TL-NC1800C #320 / #800
TL-NC2800C #280 / #1500
TL-NC3800C #1000 / #3000
TL-NC4800C #1000 / #6000

w/flattening stone



This is a flattening stone for worn sharpening 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.



HONES

Ceramic Single Stones

Our ceramic stones are made by mixing superfine compound and clayey binder and then high-temperature firing.
These single stones are for professional use size.
Please dip the stone in water 10-15 min. before using.
Size : 206 x 66 x 33.5mm



TL-ST800

800-grit

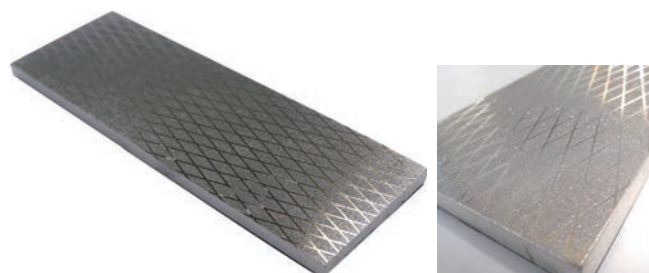


TL-ST1200

1200-grit

Diamond Honing Tools

This product works for honing of chisels or knives.
Rubber grip sheet on the bottom.
Size: 205 x 70mm Weight: 1 kg



TL-IDH-1



TL-IDH-1

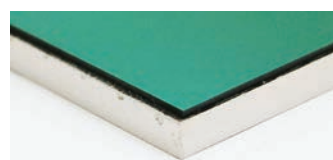
Coarse 150-grit

TL-IDH-2

Medium 300-grit

TL-IDH-3

Fine 800-grit



Rubber grip sheet

Hosco Nut Work Table

HOSCO ORIGINAL

This Nut and Saddle shaping tool has 3 different tables with #600 grit diamond.
Flat table and 90 degree angles are precisely processed by CNC machine.
Size : 180 x 60 x 15mm Weight: 1.08 kg

NEW

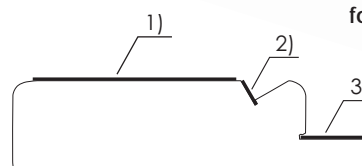


H-NWT

Nut Work Table

H-NWT-600D

Replacement Diamond Sheets for H-NWT



- 1) 35mm x 180mm flat table
Use for flat surface job
- 2) 4mm x 180mm 90 degree corner table
Use for 90 degree sanding of saddles
- 3) 10mm x 180mm 90 degree corner table
Use for 90 degree sanding of nuts



Nut shaping:
Please make flat bottom by using 1).
And then make 90 degree angle perfectly by using 3)



Saddle shaping:
At first, please make one side of saddle flat by using 1) and then sand the other side to make flat and adjust the thickness.
Then, make 90 degree angled bottom by using 2).
2) diamond face is 30 degree angled to sand saddle ergonomically.

And we prepare the replacement diamond sheets.
If the diamonds disappears, please reset new diamond sheets.

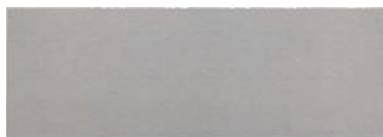
SCRAPERS



Scrapers **HOSCO ORIGINAL**

The Wide Scrapers are useful for smoothing sides of guitars and they were developed by a Japanese famous classical guitar luthier's advice. The Standard Scraper Set is used to wide surface like top and back of guitars. The Shaped Small Scraper Set is especially designed for making violins.

Wide Scrapers



TL-SCR-1S

Straight shape

Size : 150 x 55mm, Thickness : 1.0mm



TL-SCR-1C

Curved shape

Size : 150 x 55mm, Thickness : 1.0mm



Standard Scraper Set



TL-SCR-2

Set of 2 shapes

Size : 120 x 44mm, Thickness : 0.4mm



Shaped Small Scraper Set



39x18mm

T: 0.2mm

50x32mm

T: 0.4mm

45x30mm

T: 0.2mm

45x25mm

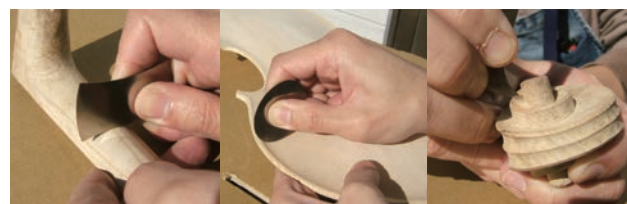
T: 0.4mm

70x27mm

T: 0.4mm

TL-SCR-5

Set of 5 shapes

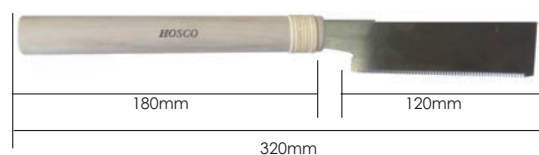


ORIGINAL SAWS



Flush Cutting Saw

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. Blade thickness is 0.4mm.

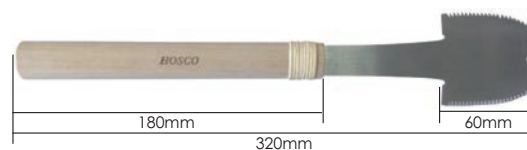


TL-H-FL120



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.



TL-H-AZE60



Coarse side



Fine side

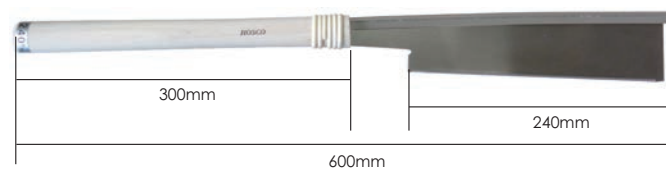


Dozuki Saws (Back Saws)

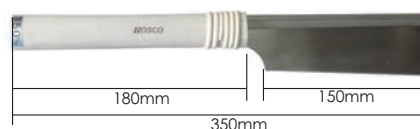
The blade thickness is 0.3mm, reinforced with the rib for stable cutting.

TL-H-DS240 Total length : 600mm / Blade length : 240mm / Handle length : 300mm

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



TL-H-DS240



TL-H-DS150

FINE CUT SAWS

Bracing Saw

This saw is designed mainly for cutting bracing.

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



TL-H-RSAW



Round blade



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 Total length : 185mm / Blade length : 54mm / Handle length : 130mm

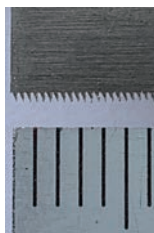
TL-H-FCSW2 Total length : 235mm / Blade length : 120mm / Handle length : 110mm

TL-H-FCSW3 Total length : 280mm / Blade length : 160mm / Handle length : 110mm



TL-H-FCSW103

0.1mm thick blade, 0.3mm pitch



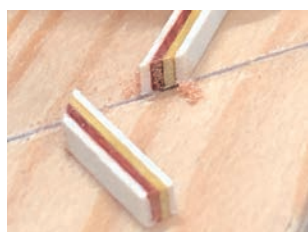
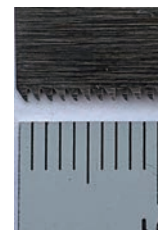
TL-H-FCSW2

0.2mm thick blade, 0.9mm pitch



TL-H-FCSW3

0.3mm thick blade, 0.9mm pitch



The finest 0.3mm pitch blade is suitable to make perfect joints.

JEWELERS SAWS



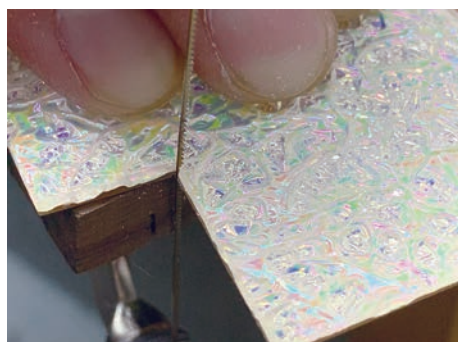
Handle for SUPER Q Jewlers Saws

The TL-JSW-490 can be used for cutting shells.
The length can be adjusted and the depth is 75mm.
Wooden handle. Made of hard wood.



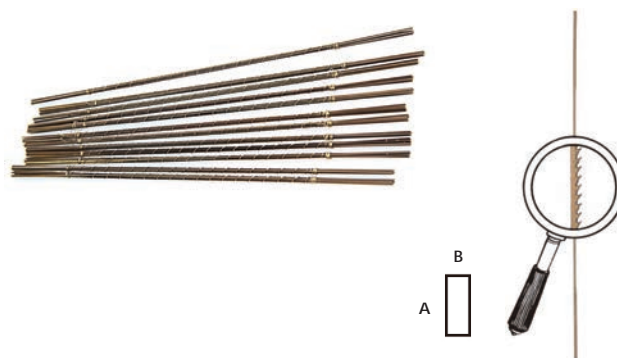
TL-JSW490

Adjustable type



Jewelers Saw Blades

6 different size saw blades are available to cover various inlay cutting jobs. All blades are multi-purpose reliable blades. Sold as a dozen.
Please check each blade thickness and width below.
Blade length : 130mm



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

SUPER Q Five-S

Super Quality

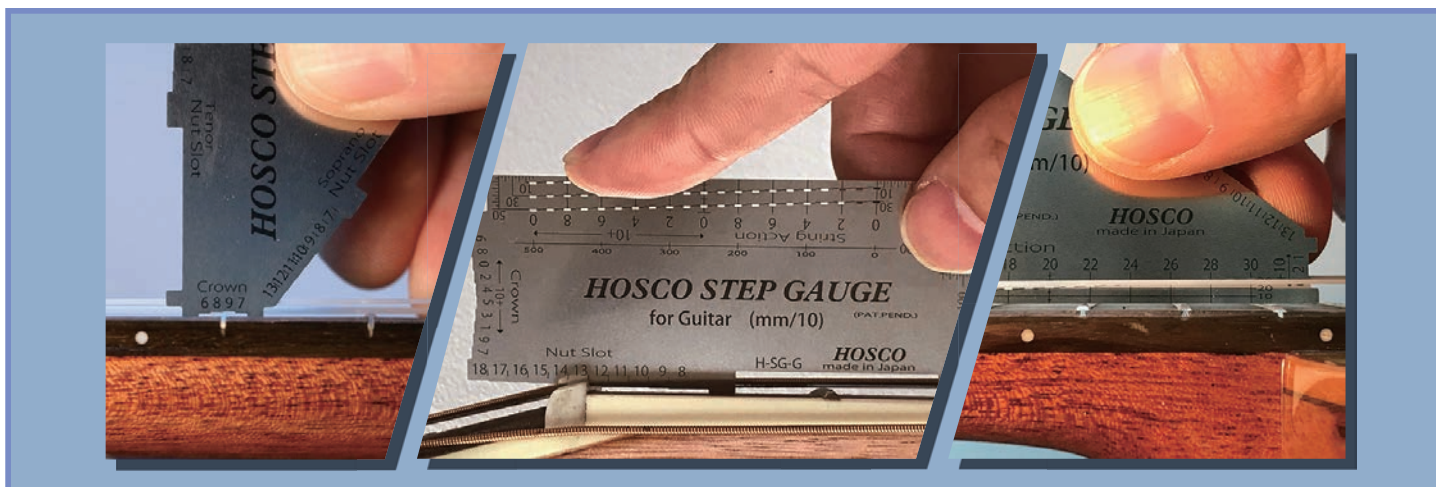
Super Precision

Super Elastic

Super Sharp

Super Performance of Alloy

STEP GAUGES



Step Gauges **HOSCO ORIGINAL**

HOSCO presents 2 STEP GAUGES for guitars and ukuleles. You can also use them for Electric Basses, Banjos, Mandolins or other fretted instruments in similar scale. (Made in Japan)

STEP GAUGES have 3 functions in 1 tool designed and invented for factories, music shops, repair shops and guitar tech!

The gauge thickness is only 0.1mm, because it can check the 1st. String nut slot height of electric guitars.

To protect this thin and precise tool, the Step Gauges come with a stylish aluminum case (93 x 60 x 5mm).



Guitar



H-SG-G (PAT. PEND)

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)

Ukulele



Mandolin



H-SG-U (PAT. PEND)

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)



Original case

Aluminum thin case

Size: 93 x 60 x 5mm



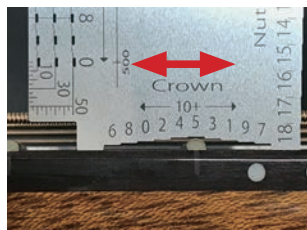
STEP GAUGES

How to use (H-SG-G)

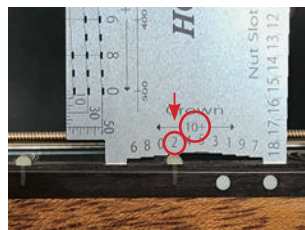
Fret Crown height



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



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



3) Read the number on the fret crown. Since the number is 10 times of mm. Divide it by 10.
ex. $10 \div 2 = 12$, $12 / 10 = 1.2\text{mm}$

Tips!

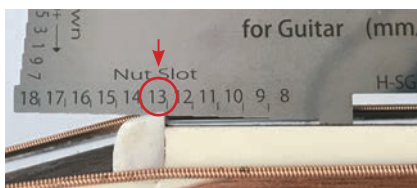
Before nut slot work, you should check the 1st fret crown height. And then set up the target height of each string slot. You can check the height with our step gauge.
ex. if the 1st fret height is 1.2mm, the target nut slot height is 1.3-1.4mm.

Nut Slot height

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 fingerboard.



2) Slide the gauge to headstock while keeping both legs contacting to fingerboard. Step Gauge stops when the gauge contacts over slot.

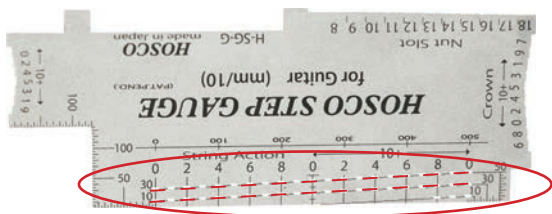


3) Read the number on the nut. Since the number is 10 times of mm. Divide it by 10.
ex. 13 , $13 / 10 = 1.3\text{mm}$

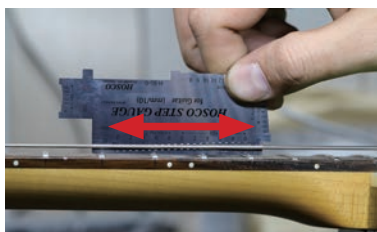


Caution! : If the leg is floating off fingerboard, Slide back the gauge until both legs contact the fingerboard again.

String Action



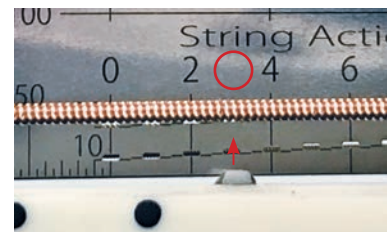
There are many slits at string action gauge area in 2 lines. Lower line shows you from 1.0mm to 3.0mm height. Upper line shows you from 3.0mm to 5.0mm height. Each slit locates 0.1mm height gap.



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.

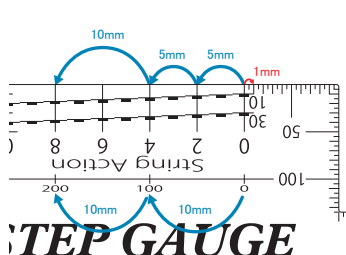
Tips : with light from other side, you can see the slit hole clearly.



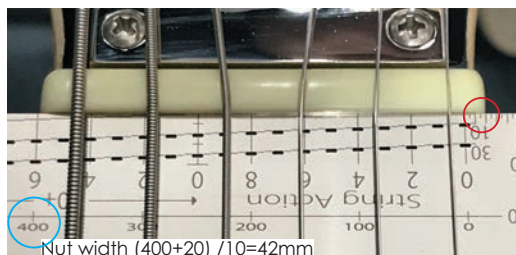
3) Read the number. Since the number is 10 times of mm. Divide it by 10.

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

Other function



String action gauge is also regular metric scale. You can check nut width or saddle slot depth, pickup polepiece distance etc. (This function is only for H-SG-G)



Nut width $(400 + 20) / 10 = 42\text{mm}$

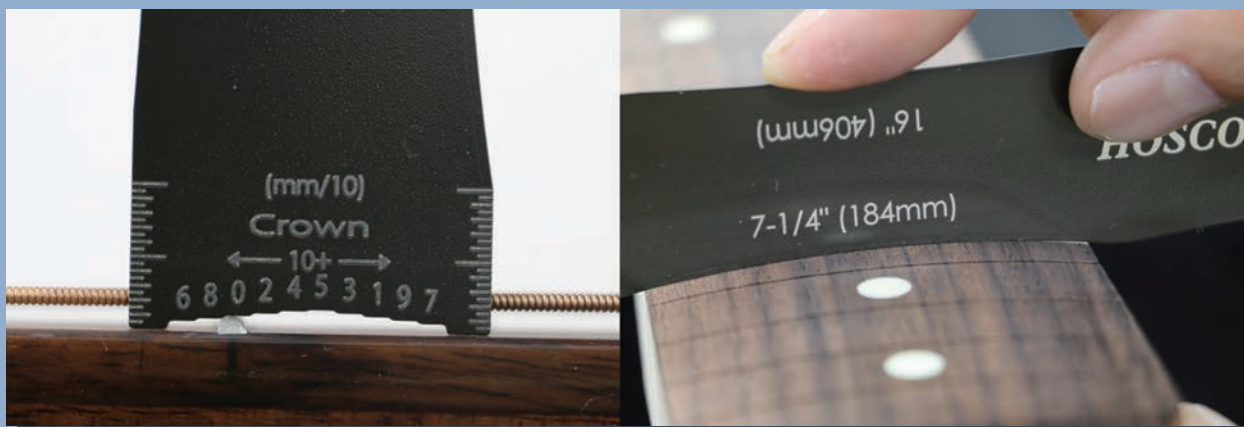
H-SG-G



H-SG-U



RADIUS GAUGE



Fingerboard Radius Gauge

HOSCO ORIGINAL

Hosco original radius gauge is a ruler shape.

6 different major radiuses, 7-1/4", 9-1/2", 10", 12", 14", 16" are in one. And it has 10mm scale for string height.

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



H-RG2

Radius Gauge

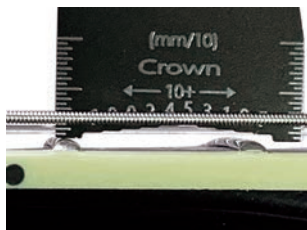
- 7-1/4" (184mm)
- 9-1/2" (241mm)
- 10" (254mm)
- 12" (305mm)
- 14" (356mm)
- 16" (406mm)



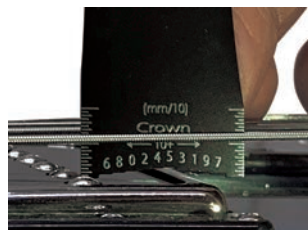
For 7-1/4" (184mm)

10mm Scale

- for checking string height
- for checking saddle slot depth
- for checking string height between pick up polepiece and string
- etc.



String - Fret
ex. String height : 1.6mm



String - Polepiece
ex. string height : 5.1mm

Crown Height Gauge

0.6mm - 1.5mm (Wide side)

0.9mm - 1.5mm (Narrow side)



Wide side

Narrow side

Fret crown height gauging (mm/10)
This is same function as Step Gauge.



Set the fittable side above the fret and move right to left. And read the number at the point which the gauge contacts the top of the crown.



Fret crown height (high fret)
ex. 9/10=0.9mm
If the "10+" area, please add 10.
ex. 3+10=13 13/10=1.3mm

RULERS



Rulers w/Inch Conversion Table

Simple but important tools is the rulers. Metric scale.
We line up 4 different length of the rulers from 150mm up to 1000mm. These are useful not only to check the length but also check the straight line.
Made of stainless steel



TL-RU1000 1000mm



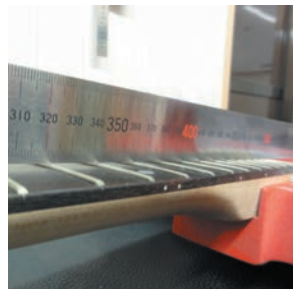
TL-RU600 600mm



TL-RU300 300mm



TL-RU150 150mm



600mm size rule is good for guitar neck checking.

Scale marks are done by etching and black chrome plating.
And Inch - mm conversion chart is printed on the back.
Each scale has a hanging hole.

Taper Gauge

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.
1.2mm thickness, 1 -15mm diameter hole



Back



Taper gauge is easy to check the hole diameter.

TL-RU-TA

compensation formula to check inner diameter

$$\text{Inner diameter} = \sqrt{\text{value}^2 + 1.44}$$

Protractor

Easy to check the neck angle with protractor.
This has 100mm rule, too. Metric scale.
*Use this to see the angle in installing a neck to a body.
*Made of Stainless Steel



TL-RU-PR



Suitable to check a neck angle

RULERS / EYELETEER

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.

Blade: Stainless Steel (75x13x1.5mm)

Base: Brass (48x15x6.0mm)

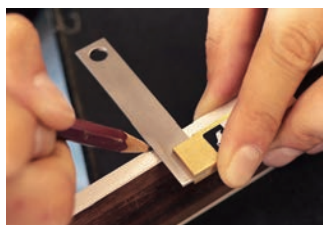
Net Weight: 45g



TL-RU-SQ75



Checking flatness
for installing machine heads



Marking for side position.

Thickness Gauge

9 different thickness gauge in one.

0.04mm up to 0.30mm.

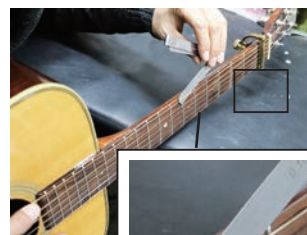
Metal frame case protect thinner gauges
from damage.

Material : carbon steel

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



TL-RU-TG



Checking a relief of the neck



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.

150mm Length, Profiling the Shape

*Made of stainless steel



TL-RU-PG

Needle size :

84 mm x 0.8mm diameter



example: for neck shapes

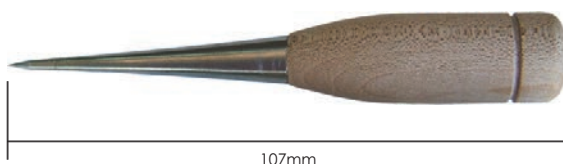
Japanese Eyeleteer (Kujiri)

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.



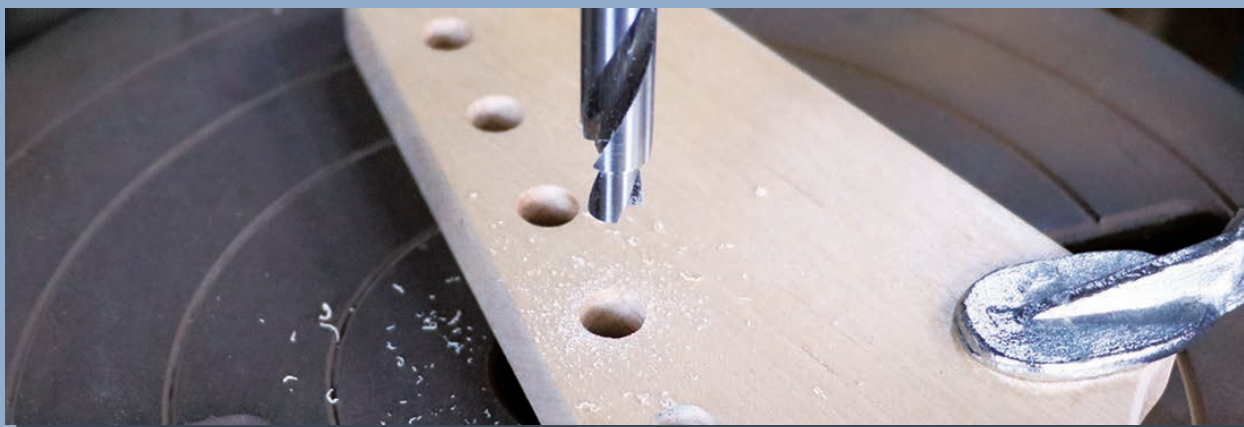
TL-KUJIRI-S

Material : stainless steel



Easy to check a gap under frets by the thinnest gauge

STEP DRILL BITS



Step Drill Bits

HOSCO ORIGINAL

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



TL-DB2-7899

For installing Rotomatic® type tuners
Shank : 9.9mm diameter



Cross section of drilled hole

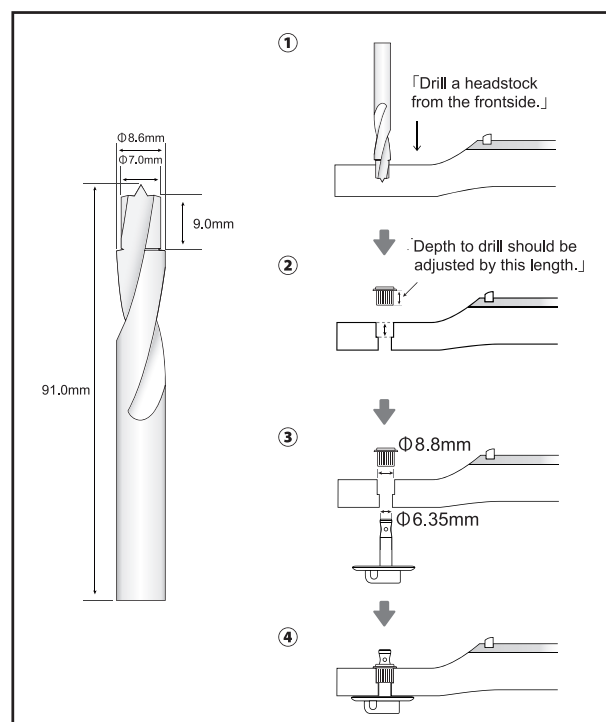
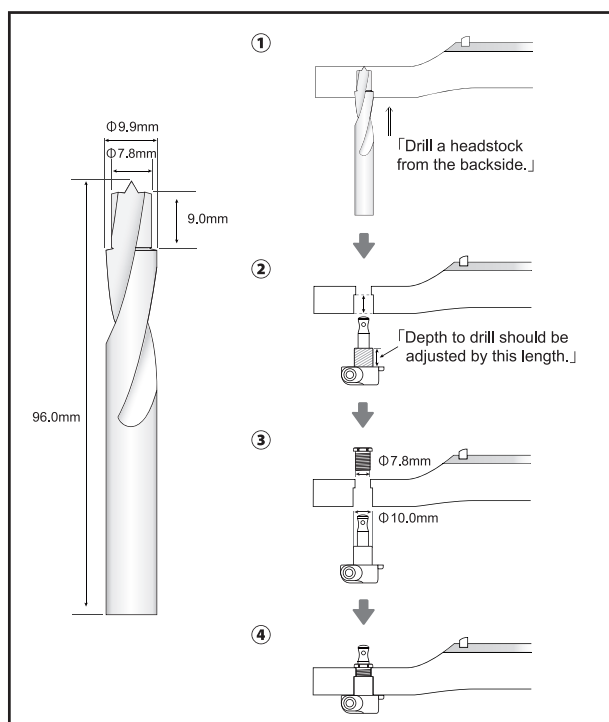


TL-DB2-7086

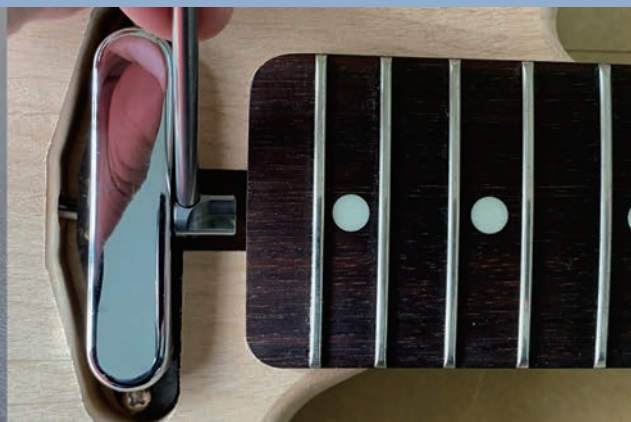
Shank : 8.6mm diameter



Cross section of drilled hole



WRENCHES



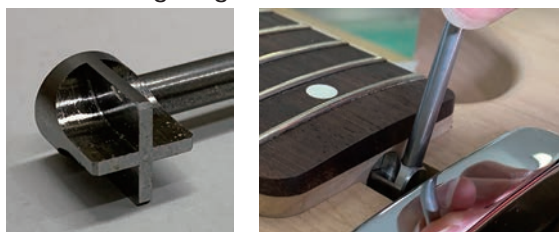
Phillips Head Truss Rod Wrench **HOSCO ORIGINAL**

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.



NEW

H-TRW+ Phillips Head Truss Rod Wrench
Head: 11mmx9mm dia.
Length: 78mm
Weight: 4g



Hex Wrench Set

Total 78pcs per box, include:
12pcs each : 1.27mm, 1.5mm, 2.0mm, 2.5mm
6pcs each : 3.0mm, 4.0mm, 5.0mm, 7.0mm, 8.0mm
All of the wrenches come with a white sleeve for size description.



WR-ASSORT

Wrench Assortment
*with plastic organizer Box

Hex Wrenches for Inch type

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



WRE-I516J

For 5/16" Truss Rod Hex Nut with phillips head screwdriver



WRE-I14J

For 1/4" Truss Rod Hex Nut

Hex Wrenches for Metric type



WRE-1.27J

1.27mm
(0.05 inch)



WRE-1.5J
1.5mm



WRE-2.0J
2.0mm



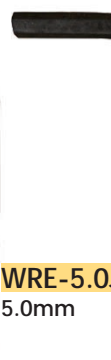
WRE-2.5J
2.5mm



WRE-3.0J
3.0mm



WRE-4.0J
4.0mm



WRE-5.0J
5.0mm



WRE-7.0J
7.0mm



WRE-8.0J
8.0mm

All of the wrenches come with a white sleeve for size description.

WRENCHES

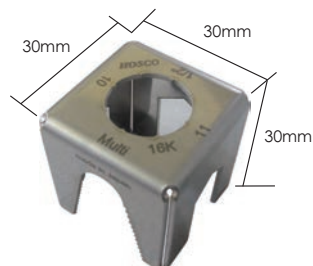
Guitar Nut Cube **HOSCO ORIGINAL**

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.

5 in 1 design : 2 x metric hex nut (10mm and 11mm), 1 x inch hex nut (1/2"), 16mm knurled nut and 1 x multi (knurled nut of U.S. made toggle switches etc.) stainless steel, made in Japan.

Size: 30mm x 30mm x 30mm

HOSCO original design.



H-GNC

Guitar Nut Cube (5 in 1)

10mm Hex nut
11mm Hex nut
1/2" Hex nut
Multi Knurled nut
16mm Knurled nut

How to Use



10mm Hex nut

Gotoh® or other guitar tuner hex nut etc.
Use GNC after loosening 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 nut

Japanese toggle switches etc.



Hex Driver Set **HOSCO ORIGINAL**

5 truss-rod wrenches + magnet detachable solid aluminum handle.

We make a truss rod wrench set to cover 4 different major truss rod size.

A magnet is installed in the handle and the wrenches can be replaced easily and quickly.

Truss rod size :

3/16" (4.76mm), straight shape

1/8" (3.1mm), L shape

4.0mm, L shape

5.0mm, L shape / L shape long



Wrench Size

3/16"

1/8"

4.0mm

5.0mm

5.0mm Long

Comforming

For Fender® USA Bass, Fender Mexico

For Fender® USA Guitar

For Fender® Japan

For normal Guitar and Bass

For Martin®



SCREWDRIVERS



Screwdrivers **HOSCO ORIGINAL**

These two Hex Screwdrivers promise you to adjust saddle height quickly and comfortably. These look like common screwdrivers, but the light-weight aluminium body is easy to use.
Total length : 165mm,
handle size : 100mm.

Hex Screwdrivers



H-HEXSD15

Saddle Hex screwdriver
Thickness : 1.5mm



H-HEXSD127

Saddle Hex screwdriver
Thickness : 1.27mm (0.05")



Screwdrivers



H-DPH1

Phillips #1 screwdriver



H-DPH2

Phillips #2 screwdriver



For mounting rings



For endpoints



H-DSL5

Flathead screwdriver
Slotted width : 5.0mm



For bridges

VIOLIN TOOLS



Hand Jig Saw

HOSCO ORIGINAL

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.

Blade thickness : 0.4mm

Blade pitch : 0.9mm



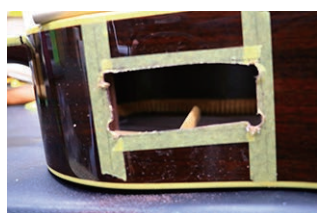
TL-H-VP



It is designed for cutting inside of violin pegbox.



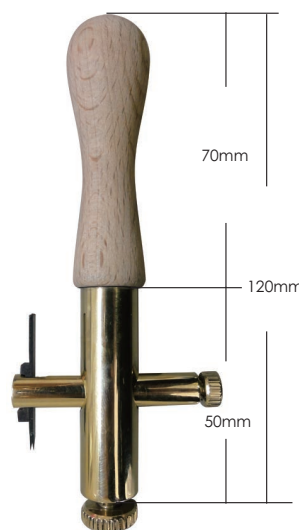
This saw can be used to cut the side of the guitar for installing EQ (Equalizer).



Purfling Cutter for Violins

This is designed specially for violin purfling.

As shown, two Japanese Kogatana blade makes Purfling slot. We recommend you to use HOSCO Micro chisels to make deep slot. The blade is adjustable both height and distance of the purfling from edge.



TL-I-PC

Wood Handle,
w/TL-I-PCB Blades

Purfling Cutter Replacement Blade

We can offer the replacement blade for purfling cutter. This is a set of 2 blades. The blade is produced under Japanese "Kogatana" making process.



TL-I-PCB

2pcs per set



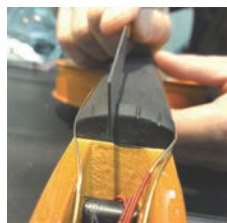
VIOLIN TOOLS

Violin Nut Files

These nut files are designed for filing the slots for strings of violins. It brings accurate works. Comes with a plastic cylinder case.

Total length : 150mm

Blade length : 90mm



TL-VNF4

Set of 4 (E .020", A .026", D .032", G .040")

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

Teeth per inch : 78 cut (for G string)

Available individually -----

TL-VNF4/E

Violin Nut File for E string (.020")

Teeth per inch : 76 cut

Whetstones for Gouges

These tapered and half-round shaped whetstones are useful for curved blades like chisels and fishtail gouges. Not only outer blades, but also inner blades are sharpened.

Size: 152 x 55 x 31 mm

Weight: 280g



TL-2HS1
#280



TL-2HS2
#1000



TL-2HS3
#4000



HOSCO ORIGINAL

"Kuri" Knives with Special Wooden Handle

It is same as Kiridashi and Yokote knife but its pointed head allows you to process the places where you are unable to process by Kiridashi or Yokote 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 Bevel



TL-I-KUKL

Left Bevel



TL-I-KUKD

Double Bevel

VIOLIN TOOLS

Japanese Fishtail Gouges

Our fishtail gouges are born by a good combination of western design and Japanese skill.
7 different shape and width gouges are 245mm total length and 100mm handle length.
Cutting edge corner is less than 90 degrees.



TL-NM-R3-16

16mm wide blade, Sweep#3



TL-NM-R5-12

12mm wide blade, Sweep#5



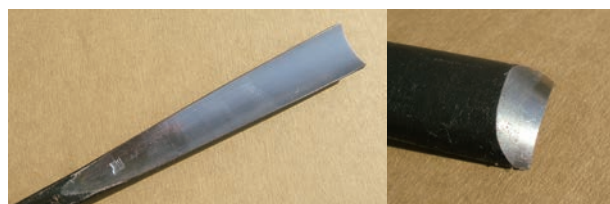
TL-NM-R7-10

10mm wide blade, Sweep#7



TL-NM-R7-14

14mm wide blade, Sweep#7



We use 2-layerd steel.
Hard steel ("Shiragami" white steel)+ Soft steel.
This process is same as Japanese knives and it needs time and technique, but you can get toughness and sharpness.



TL-NM-R7-20

20mm wide blade, Sweep#7



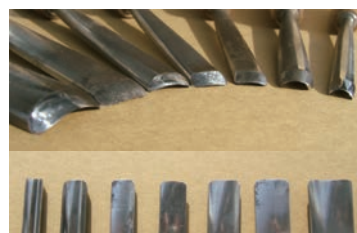
TL-NM-R8-7

7mm wide blade, Sweep#8



TL-NM-R8-10

10mm wide blade, Sweep#8



Cutting edge shape

	R3-16
	R5-12
	R7-10
	R7-14
	R7-20
	R8-7
	R8-10

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



Side view



TL-IGS15 blade



GLUE



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.

The hide glue is packed in plastic bag except HG-H1S-25.



Viscosity : 10.0 or more (mp)
Jelly strength : 280 or more (g)
PH : 6.50 - 8.50
Moisture : 16 or less (%)
Material : Cow skin

Caution and Tips

Caution:

1. Please use **cold water** when you mix hide glue and water.
Hide glue can absorb cold water only!
2. For melting swollen hide glue, avoid direct heat!
Heat them in a water-bath at 60 - 80 degree celsius, instead.
Excessively lower or higher than the above in temperature damages the hide glue adhesive power.
3. If the glue density is higher, dilute with **warm water**.
Don't use cold water. (Cold water makes the solution gelling.)
4. If it's diluted too much, you **must not add the hide glue** into.
(You would be better to make it dense at first.)
5. The balance of hide glue and water is depend on the weather, temperature, humidity etc. So please find the best balance in your place and time.

Reference

Hide glue : Cold water = 1:2 - 1:3

Heat temperature is between 60 - 80 (C) / 140 - 176 (F)

HG-H1S-05	500 g
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



500g x2 for HG-H1S-1

HYGRO-THERMOMETERS



Hygrometer / Thermometer **HOSCO ORIGINAL**

Our 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.

Features :

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



H-HT60 HOSCO Hygrometer/ Thermometer



H-HT60F Fahrenheit version



H-HT60/L

Hygrometer / Thermometer set with foldable black leather frame



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

1. Fix the plate to hygrometer with 2 screws.



2. Insert the plate under the case pocket wall. (photo 1)

3. Slide in and adjust the position of plate till the hygrometer can be seen clearly. (Photo 2)

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. (Photo 3)



Photo 1



Photo 2



Photo 3

TOOL BAGS



Roll-up Bag **HOSCO ORIGINAL**

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 : 115g

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

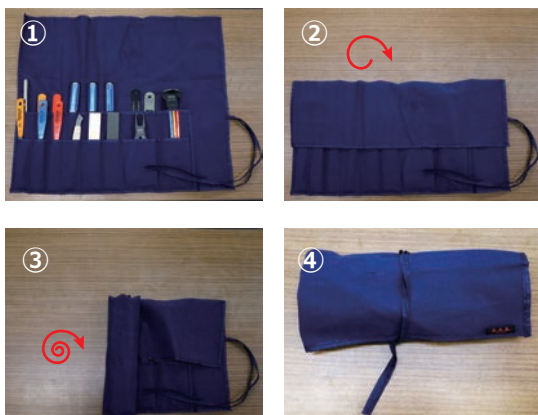
Total 16 pockets



H-TB1

Roll-up tool bag

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



Guitar-tech Bag **HOSCO ORIGINAL**

Compact and #1680D black nylon zipper bag
with handle is developed for guitar techs.

Size : 220 x 120 x 70mm / Weight : 125g

*6 inserts with rubber bands for nut /fret files or gauges
etc, drivers etc.

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

*One screw catcher magnet with red thread circle.



H-TB2

Guitar-tech bag, #1680D

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



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.

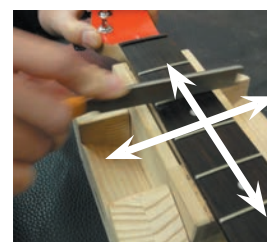
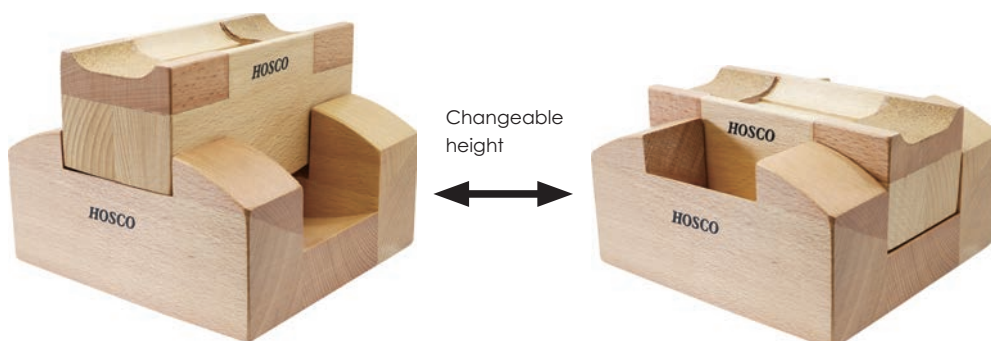
NECK SUPPORT



2-way Neck Support

HOSCO ORIGINAL

HOSCO original wooden neck support consists of 2 parts as pictured, which you can get two different height at the neck rest. The top part is cork lined to protect the neck, and swinging on the bottom.



H-NSG gives you a good stability not only fret leveling job direction, but also fret crowning job direction.

H-NSG

Neck Support for guitars, Swing type
15cm x 15cm x 7.3/10.5cm



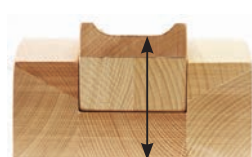
High position
(ex : for acoustic guitars)



10.5cm



Low position
(ex : for electric guitars)



7.3cm



Soprano



Concert



Tenor

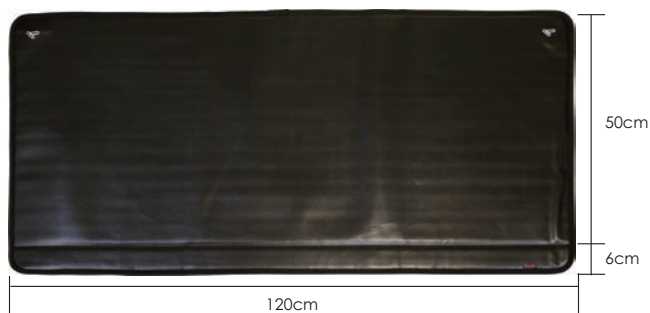
You can support thin instruments such as Ukuleles with only the top part

WORKSHOP ACCESSORIES



Workbench Mat **HOSCO ORIGINAL**

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 as shown Picture A. Secure magnets are located at two corners of upper side to hold metal parts such as screws, nuts, small hardware, etc. as shown Picture B. This is really ideal mat for every luthier. Size : 120cm x 50cm (47" x 19-3/4")



H-LWM1

Workbench Mat



6cm wide extra part for protector



Magnets are put on the inside of both edges.

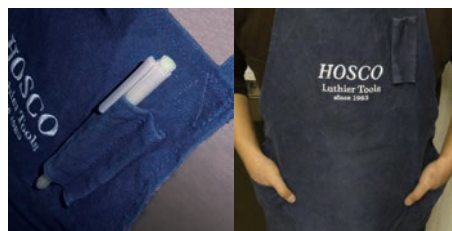
Hosco Work Apron **HOSCO ORIGINAL**

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. Free size, canvas cloth, Weight : 360g



H-AP1

Original Apron



Index by article No.

Carving chisels, Scrapers, etc

TL-I-CAKD	WOOD CARVING KNIFE	30
TL-IGS15S	SPOON SHAPE GOUGE, 15MM WIDTH BLADE	49
TL-IGS9	SPOON SHAPE GOUGE, 9MM WIDTH BLADE	49
TL-I-KUKD	"KURI" KNIFE, DOUBLE, 13.5MM WOODEN HANDLE	30 / 48
TL-I-KUKL	"KURI" KNIFE, LEFT, 13.5MM, WOODEN HANDLE	30 / 48
TL-I-KUKR	"KURI" KNIFE, RIGHT, 13.5MM, WOODEN HANDLE	30 / 48
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TL-MC22	HSS MICRO CHISEL 2.2MM	21
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TL-NM-R5-12	FISHTAIL GOUGE, SWEEP#5, 12MM WIDTH BLADE	49
TL-NM-R7-10	FISHTAIL GOUGE, SWEEP#7, 10MM WIDTH BLADE	49
TL-NM-R7-14	FISHTAIL GOUGE, SWEEP#7, 14MM WIDTH BLADE	49
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TL-INM24	ECONOMY CHISEL 24MM WIDTH BLADE	31
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H-NF-024	HOSCO BLACK NUT FILE 0.024"	5
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H-NF-040	HOSCO BLACK NUT FILE 0.040"	5
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H-NF-050	HOSCO BLACK NUT FILE 0.050"	5
H-NF-054	HOSCO BLACK NUT FILE 0.054"	5
H-NF-065	HOSCO BLACK NUT FILE 0.065"	5
H-NF-075	HOSCO BLACK NUT FILE 0.075"	5
H-NF-085	HOSCO BLACK NUT FILE 0.085"	5
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TL-CP-HR150W	CP FILE, HALF ROUND 150MM, WIDER •••••	• 22
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TL-VS-HR0150	VALLORBE HALF ROUND FILE #0, 150MM •••••	• 24
TL-VS-HR0200	VALLORBE HALF ROUND FILE #0, 200MM •••••	• 24
TL-VS-HR1150	VALLORBE HALF ROUND FILE #1, 150MM •••••	• 24
TL-VS-HR1200	VALLORBE HALF ROUND FILE #1, 200MM •••••	• 24

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TL-DF100DA	FEATHER EDGE DIAMOND FILE 100MM" •••••	• 24
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TL-DF75DA	FEATHER EDGE DIAMOND FILE 75MM" •••••	• 24
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TL-I-H12	WOODEN HANDLE FOR 12MM BLADE KNIFE •••••	• 29
TL-I-H15	WOODEN HANDLE FOR 15MM BLADE KNIFE •••••	• 29
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Knives

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TL-I-KU10R	"KURI" KNIFE, RIGHT, 10MM	29
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IDS-600	MINI SELF-ADHESIVE DIAMOND SHEET #600	9
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KCR150	"KOVAX" CASSETE ROLL PAPER #150	10
KCR240	"KOVAX" CASSETE ROLL PAPER #240	10
KCR320	"KOVAX" CASSETE ROLL PAPER #320	10
KCR400	"KOVAX" CASSETE ROLL PAPER #400	10
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KFRP1500	"KOVAX" FINISH REPAIRING PAPERS #1500	27
KFRP2000	"KOVAX" FINISH REPAIRING PAPERS #2000	27
KFRP2500	"KOVAX" FINISH REPAIRING PAPERS #2500	27
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KSC240	WATER PAPER P240 SC 228X140MM	27
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TL-H-DS240	DOZUKI SAW, 240MM	35
TL-H-FCSW103	SUPER FINE CUT SAW 0.1MM/0.3MM PITCH	36
TL-H-FCSW2	FINE CUT SAW 0.2MM/0.9MM PITCH	36
TL-H-FCSW3	FINE CUT SAW 0.3MM/0.9MM PITCH	36
TL-H-FL120	FLUSH CUTTING SAW, 120MM	35
TL-H-FSW050	FRET SAW, STANDARD MODEL, 0.50MM	17
TL-H-FSW050H	FRET SAW , HIGH GRADE, 0.50mm	17
TL-H-FSW053	FRET SAW, STANDARD MODEL, 0.53MM	17
TL-H-FSW053H	FRET SAW , HIGH GRADE, 0.53mm	17
TL-H-FSW057	FRET SAW, STANDARD MODEL, 0.57MM	17
TL-H-FSW057H	FRET SAW , HIGH GRADE, 0.57mm	17
TL-H-FSW060	FRET SAW, STANDARD MODEL, 0.60MM	17
TL-H-FSW060H	FRET SAW , HIGH GRADE, 0.60mm	17
TL-H-RSAW	BRACING SAW, 0.2MM	36
TL-H-SCSW040	FRET SLOT CLEANING SAW 0.40MM	15
TL-H-SCSW050	FRET SLOT CLEANING SAW 0.50MM	15
TL-H-SCSWD04	FRET SLOT CLEANING SAW RYOBA 0.40MM	15
TL-H-SCSWD05	FRET SLOT CLEANING SAW RYOBA 0.50MM	15
TL-H-VP	HAND JIG SAW	47
TL-JSW490	JEWELERS SAW	37
TL-JSWB-0	VALLORBE JEWELERS SAW BLADE, 0 <Doz>	37
TL-JSWB-1	VALLORBE JEWELERS SAW BLADE, 1 <Doz>	37
TL-JSWB-2	VALLORBE JEWELERS SAW BLADE, 2 <Doz>	37
TL-S-SR200	SAW RASP, 200MM LONG	25
TL-S-SR250	SAW RASP, 250MM LONG	25
TL-S-SRD200	SAW RASP, 200MM LONG, ANGLE TYPE	25
TL-S-SRD-RB	REPLACEMENT BLADE FOR TL-S-SRD200	25
TL-JSWB-2/0	VALLORBE JEWELERS SAW BLADE, 2/0 <Doz>	37
TL-JSWB-4/0	VALLORBE JEWELERS SAW BLADE, 4/0 <Doz>	37
TL-JSWN-6/0	VALLORBE JEWELERS SAW BLADE, 6/0 <Doz>	37

Wire cutter, Drill bits and Fret cutters

C-C28	WIRE CUTTER	19
H-FTN-J	FRET TANG NIPPER, JUMBO	19
H-FTN-M	FRET TANG NIPPER, MEDIUM	19
TL-DB2-7086	2 STEP DRILL BIT 7.0MM/8.6MM	43
TL-DB2-7899	2 STEP DRILL BIT 7.8MM/9.9MM	43
TL-FC190	FRET CUTTER 190MM	18

Wrenches and Screw drivers

H-DPH1	PHILLIPS #1 SCREW DRIVER	46
H-DPH2	PHILLIPS #2 SCREW DRIVER	46
H-DSL5	SLOTTED SCREW DRIVER, 5.5MM	46
H-GNC	GUITAR NUT CUBE	45
H-HEXSD127	HEX SCREW DRIVER, SADDLE 1.27MM	46
H-HEXSD15	HEX SCREW DRIVER, SADDLE 1.5MM	46
H-HEXTRSET	HEX SCREW DRIVER SET FOR TRUSS ROD	45
H-TRW+	PHILLIPS HEAD TRUSS ROD WRENCH	44
WR-ASSORT	WRENCH ASSORTMENT BOX	44
WRE-1.27J	HEX WRENCH 1.27MM	44
WRE-1.5J	HEX WRENCH 1.5MM	44
WRE-2.0J	HEX WRENCH 2.0MM	44
WRE-2.5J	HEX WRENCH 2.5MM	44
WRE-3.0J	HEX WRENCH 3.0MM	44
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WRE-5.0J	HEX WRENCH 5.0MM	44
WRE-7.0J	PIPE WRENCH FOR 7.0MM HEX NUT	44
WRE-8.0J	PIPE WRENCH FOR 8.0MM HEX NUT	44
WRE-I14	PIPE WRENCH FOR 1/4 INCH HEX NUT	44
WRE-I516	PIPE WRENCH FOR 5/16 INCH HEX NUT	44

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H-AP1	HOSCO APRON	54
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HG-H1S-1	HIDE GLUE, 1.0kg IN PLASTIC BAG	50
HG-H1S-25	HIDE GLUE, 25.0kg IN PAPER BAG	50
HG-H1S-5	HIDE GLUE, 5.0kg IN PLASTIC BAG	50
H-HT60	HOSCO HYGROMETER / THERMOMETER	51
H-HT60/L	H-HT60 + LEATHER FRAME	51
H-HT60/M	H-HT60 + MOUNT KIT	51
H-HT60F	HYGRO/THERMOMETER, FAHRENHEIT	51
H-LWM1	HOSCO WORKBENCH MAT	54
H-NSG	NECK SUPPORT FOR GUITAR	53
H-TB1	HOSCO ROLL-UP TOOL BAG	52
H-TB2	HOSCO GUITAR-TECH BAG	52
HT-MKIT	CASE MOUNT KIT FOR H-HT60	51

HOSCO