

Woodwind

Parts • Tools



JL Smith

A N D C O M P A N Y



Contents

	Page
A	Adhesive Remover..... 8
	Anti-Tarnish Strips..... 31
B	Books..... 31
	Bore-Oil for wood 9
	Bottles empty..... 9
C	Carbon Ribbon..... 15
	Carbon Rod..... 15
	Case for flute..... 31
	Copper-Strips for Flute-Headjoint fitting..... 10
	Cork-Grease-Stick..... 31
	Cork-Sheet natural..... 6
	Cork natural (tuning-cork flute and piccolo)..... 6
	Cork natural (key-cork pre-shaped)..... 7
	Cork natural (wedges to close keys)..... 7
	Cork for saxophone-neck..... 6
	Cork-Sheet synthetic..... 8
	Cork synthetic (key-cork pre-shaped adhesive-back)..... 8
E	Embouchure-Hole-Gauge (Cooper-Gauge)..... 10
F	Felt Bumper for saxophone..... 5
	Felt Disk for saxophone..... 5
	Felt Sheet..... 4
	Flat-Springs..... 13
	Flute-Swab..... 31
G	Gold-Spring (White-Gold)..... 13
H	High-E Facilitators..... 11
	Holding-Aids (Thumbport, Flute-Gels)..... 32
K	Key-Guard Felt-Bumper Saxophone..... 5
	Key-Guard Bumper synthetic Saxophone..... 5
	Key-Oil..... 9
L	Leather Sheet..... 10
N	Needle-Springs..... 12
O	Oil..... 9
P	Paraffin..... 8
	Penetrating-Oil..... 9
	Piccolo-Swab..... 31
	Pilot Pivot PTFE-washer..... 10
	Pin for key..... 20
	Pin for wood repair..... 15
	Pin-Connection silencer B+F#Key left hand..... 10
	Pipe-Cleaners..... 10
	Plug for open-hole-key (silicone)..... 10
	Polytetrafluorethylen-Sheet..... 10
S	Springs..... 12-13
	Springs White-Gold..... 13
	Spring-Screws..... 30
	Spring-Sets..... 13
	Steel-Rods (Drill-Rods)..... 14
T	Teflon®-Sheet..... 10
	Tenon-Sleeve for clarinet tenon repair..... 15
	Thumbrest-Cushion (adhesive-back)..... 10
	Thumb-Rest for clarinet etc..... 30
	Thumb-Rest-Screws..... 30
	Tone-Hole Hard-Rubber inserts for clarinet..... 15
U	Ultra-Suede Sheet..... 10
W	Wood-Powder..... 15



Contents "Tools"

	<u>Page</u>
Leak-Test	
MAG Machine (air testing).....	18
MAG Leak-Isolator for flute.....	19
MAG Neopren-Plugs and accessories.....	18-19
MAG Pad Pad Testing Cups.....	19
MAG Accessories.....	19
LED Leak-Light.....	17
Flute	
Allen-Wrench for Pearl Pinless-Key.....	24
Bench-Plug.....	24
Embouchure-Hole gauge.....	10
Flute-Station.....	25
Flute-Block for work on bench.....	24
Headjoint Cork Tool Set.....	24
Height-Gauge for key.....	21
Tenon-Popper.....	24
Key	
Burnisher round conical for hingetube.....	21
Chimney Re-Sizer for Open-Hole Key.....	21
Clamps.....	21
Flute-Key Spud-Facer.....	20
Flute-Key Spud-Thread-Chaser.....	20
Key-Pin-Punch.....	20
Pinning Micro Drill Bit.....	20
Pinning-Reamer.....	20
Repinning-Set.....	20
Plyer	
Key-Arm and Foot Plyer.....	16
Spring-and Pin Plyer.....	16
Swedging-Plyer.....	16
Saxophone	
Body-Bar.....	27
Bow-Bar.....	27
Height-Gauge for key.....	26
Key-Adjusting-Lever.....	26
Leak-Isolator for neck.....	26
Mandrels.....	27
Neck-Bar (Alto+Tenor).....	27
Straightening Plug for Neck > Body.....	26
Sax-Post-Soldering Fixture.....	26
Tenon-Popper.....	26
Tonehole Lift-Set.....	27
Tonehole Resurfacing Kit.....	26
Tonehole	
Diamond Finishing Kit for flute.....	23
Dresser (for wood or plastic).....	23
Facer/Tester (Flute).....	23
Flatness-Gauge lighted.....	23
Flute Tone-Hole-Set.....	23
Universal	
Adjusting Screw Insert Jig.....	29
Bench-Block Steel.....	29
Bench Peg universal and clarinet.....	29
Brush for tube.....	22
Cork and Pad Scraper.....	29
Counterbore cutter for pivot screw post.....	28
Dent-Ball with 3/8" thread.....	27
Hinge-Tube-Cutter.....	28
Hinge-Tube straightening.....	20
Reamer.....	22
Ring and Key Clamp.....	21
Spring-Hook.....	21
Suction-Tester.....	29
Thum-Rest Drill-Pilot.....	29



Felt

Sheet Felt in different colors

		CHF Net Price
S-403001	∅0,8mm●100mmx300mm●green.....	1 piece 7.--
S-840051	∅1,5mm●100mmx300mm●green.....	1 piece 12.50
S-840052	∅1,5mm●100mmx300mm●black.....	1 piece 12.50
S-840053	∅1,5mm●100mmx300mm●red.....	1 piece 12.50
S-840050	∅1,5mm●100mmx300mm●white.....	1 piece 12.50
S-840054	∅2,0mm●100mmx300mm●green.....	1 piece 16.50
S-840055	∅2,5mm●100mmx300mm●white.....	1 piece 17.50
S-840058	∅2,5mm●100mmx300mm●red.....	1 piece 17.50
S-840056	∅2,5mm●100mmx300mm●green.....	1 piece 17.50
S-840057	∅3,0mm●100mmx300mm●black.....	1 piece 18.50

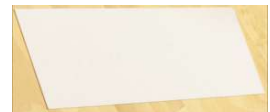
hard to find quality sheet felt for many different uses



Synthetic Sheet Felt

		CHF Net Price
S-403008	∅0,5mm●white●100mmx300mm.....	1 piece 17.--
S-403011	∅0,9mm●white●100mmx300mm.....	1 piece 20.--
S-403014	∅1,2mm●white●100mmx300mm.....	1 piece 21.--
S-403017	∅1,5mm●white●100mmx300mm.....	1 piece 21.--
S-403020	∅1,8mm●white●100mmx300mm.....	1 piece 21.--
S-403009	∅0,5mm●charcoal●100mmx300mm.....	1 piece 17.--
S-403012	∅0,9mm●charcoal●100mmx300mm.....	1 piece 20.--
S-403015	∅1,2mm●charcoal●100mmx300mm.....	1 piece 21.--
S-403018	∅1,5mm●charcoal●100mmx300mm.....	1 piece 21.--

for key work when a firm, non compressible material is desired



Q1-Felt Sheet made of 100% recycled materials

		CHF Net Price
S-403047	∅0,3mm●100x300mm●light grey.....	1 piece 20.--
S-403036	∅0,5mm●100x300mm●light grey.....	1 piece 20.--
S-403040	∅0,8mm●100x300mm●light grey.....	1 piece 20.--
S-403037	∅1,0mm●100x300mm●hellgrau.....	1 piece 27.--
S-403039	∅1,5mm●100x300mm●hellgrau.....	1 piece 27.--
S-403038	∅2,0mm●100x300mm●hellgrau.....	1 piece 28.--

this is a dense material applied to key work where you would normally use felt or cork●Q-Felt is dimensionally stable and won't get hard with age



Q2-Felt Sheet made of 100% recycled materials

		CHF Net Price
S-403046	∅0,3mm●100x300mm●dark grey.....	1 piece 20.--
S-403041	∅0,5mm●100x300mm●dark grey.....	1 piece 20.--
S-403045	∅0,8mm●100x300mm●dark grey.....	1 piece 20.--
S-403042	∅1,0mm●100x300mm●dark grey.....	1 piece 27.--
S-403044	∅1,5mm●100x300mm●dark grey.....	1 piece 27.--
S-403043	∅2,0mm●100x300mm●dark grey.....	1 piece 28.--

Same characteristics like Q-Felt but with a little higher density
We especially love the Q2 felt for flute foot material

S-800045 Q2 assortment●100x100mm●dark grey..... 1 set 40.--

1 piece each 0,5mm●0,8mm●1,0mm●1,5mm●2,0mm



Felt

Saxophone Key-Guard Felt-Bumper

		CHF Net Price
S-840098	Ø8,0mm x 6,5mm • green.....	25 pieces 13.--
S-840080	Ø8,0mm x 6,5mm • white.....	25 pieces 13.--
S-840092	Ø8,0mm x 6,5mm • red.....	25 pieces 13.--
S-840086	Ø8,0mm x 6,5mm • black.....	25 pieces 13.--
S-840099	Ø8,0mm x 8,0mm • green.....	25 pieces 13.--
S-840081	Ø8,0mm x 8,0mm • white.....	25 pieces 13.--
S-840093	Ø8,0mm x 8,0mm • red.....	25 pieces 13.--
S-840087	Ø8,0mm x 8,0mm • black.....	25 pieces 13.--
S-840100	Ø8,0mm x 10,0mm • green.....	25 pieces 13.--
S-840082	Ø8,0mm x 10,0mm • white.....	25 pieces 13.--
S-840094	Ø8,0mm x 10,0mm • red.....	25 pieces 13.--
S-840088	Ø8,0mm x 10,0mm • black.....	25 pieces 13.--
S-840101	Ø10,0mm x 6,5mm • green.....	25 pieces 13.--
S-840083	Ø10,0mm x 6,5mm • white.....	25 pieces 13.--
S-840095	Ø10,0mm x 6,5mm • red.....	25 pieces 13.--
S-840089	Ø10,0mm x 6,5mm • black.....	25 pieces 13.--
S-840102	Ø10,0mm x 8,0mm • green.....	25 pieces 13.--
S-840084	Ø10,0mm x 8,0mm • white.....	25 pieces 13.--
S-840096	Ø10,0mm x 8,0mm • red.....	25 pieces 13.--
S-840090	Ø10,0mm x 8,0mm • black.....	25 pieces 13.--
S-840103	Ø10,0mm x 10,0mm • green.....	25 pieces 13.--
S-840085	Ø10,0mm x 10,0mm • white.....	25 pieces 13.--
S-840097	Ø10,0mm x 10,0mm • red.....	25 pieces 13.--
S-840091	Ø10,0mm x 10,0mm • black.....	25 pieces 13.--



Saxophone Felt-Disk

		CHF Net Price
S-840072	Ø8,0mm • thickness ±1,5mm • green.....	25 pieces 6.50
S-840060	Ø8,0mm • thickness ±1,5mm • white.....	25 pieces 6.50
S-840068	Ø8,0mm • thickness ±1,5mm • red.....	25 pieces 6.50
S-840064	Ø8,0mm • thickness ±1,5mm • black.....	25 pieces 6.50
S-840073	Ø13,0mm • thickness ±1,5mm • green.....	25 pieces 6.50
S-840061	Ø13,0mm • thickness ±1,5mm • white.....	25 pieces 6.50
S-840069	Ø13,0mm • thickness ±1,5mm • red.....	25 pieces 6.50
S-840065	Ø13,0mm • thickness ±1,5mm • black.....	25 pieces 6.50
S-840074	Ø16,0mm • thickness ±1,5mm • green.....	25 pieces 6.50
S-840062	Ø16,0mm • thickness ±1,5mm • white.....	25 pieces 6.50
S-840070	Ø16,0mm • thickness ±1,5mm • red.....	25 pieces 6.50
S-840066	Ø16,0mm • thickness ±1,5mm • black.....	25 pieces 6.50
S-840075	Ø17,5mm • thickness ±1,5mm • green.....	25 pieces 6.50
S-840063	Ø17,5mm • thickness ±1,5mm • white.....	25 pieces 6.50
S-840071	Ø17,5mm • thickness ±1,5mm • red.....	25 pieces 6.50
S-840067	Ø17,5mm • thickness ±1,5mm • black.....	25 pieces 6.50



Natural Cork

Cork Sheets

		CHF Net Price
X69-0001	Stärke ±0,5mm ● 300mm x 100mm.....	1 piece 15.50
X69-0002	Stärke ±0,8mm ● 300mm x 100mm.....	1 piece 15.50
X69-0003	Stärke ±1,0mm ● 300mm x 100mm.....	1 piece 15.50
X69-0004	Stärke ±1,2mm ● 300mm x 100mm.....	1 piece 17.50
X69-0005	Stärke ±1,5mm ● 300mm x 100mm.....	1 piece 17.50
X69-00051	Stärke ±1,6mm ● 300mm x 100mm.....	1 piece 17.50
X69-0006	Stärke ±2,0mm ● 300mm x 100mm.....	1 piece 22.--
X69-0007	Stärke ±2,5mm ● 300mm x 100mm.....	1 piece 26.50
X69-0008	Stärke ±3,0mm ● 300mm x 100mm.....	1 piece 26.50
X69-0009	Stärke ±3,2mm ● 300mm x 100mm.....	1 piece 26.50
X69-0010	Stärke ±3,5mm ● 300mm x 100mm.....	1 piece 26.50
X69-0011	Stärke ±4,0mm ● 300mm x 100mm.....	1 piece 26.50
X69-0012	Stärke ±4,7mm ● 300mm x 100mm.....	1 piece 27.--
X69-0013	Stärke ±5,0mm ● 300mm x 100mm.....	1 piece 43.--
X69-0014	Stärke ±6,0mm ● 300mm x 100mm.....	1 piece 49.--
X69-0015	Stärke ±6,4mm ● 300mm x 100mm.....	1 piece 56.--
X69-0016	Stärke ±7,0mm ● 300mm x 100mm.....	1 piece 59.--
X69-0017	Stärke ±8,0mm ● 300mm x 100mm.....	1 piece 67.--
X69-0018	Stärke ±9,0mm ● 300mm x 100mm.....	1 piece 76.--
X69-0019	Stärke ±10,0mm ● 300mm x 100mm.....	1 piece 86.--

Premium quality european cork



Head tuning cork Flute and Piccolo

		CHF Net Price
S-401430	Flute cylindrical..... Ø 17,46mm x 31,75mm ● hole Ø 3,57mm	1 piece 1.15
S-401431	Flute cylindrical●one side beveled..... Ø 17,46mm x 31,75mm ● hole Ø 3,57mm	1 piece 1.20
S-401436	Flute cylindrical ● large..... Ø 17,86mm x 31,75mm ● hole Ø 3,57mm	1 piece 1.20
S-401437	Flute Alto/Bass●cylindrical..... Ø 26,99mm x 38,1mm ● hole Ø 3,97mm	1 piece 4.90
S-401432	Piccolo cylindrical..... Ø 11,11mm x 20,64mm ● hole Ø 3,18mm	1 piece 1.--
S-401438	Piccolo cylindrical..... Ø 12,7mm x 20,64mm ● hole Ø 3,18mm	1 piece 1.--



Sax-Neck Cork

		CHF Net Price
S69-0030	Alto-Sax ±50mm●seamless.....	1 piece 4.50
s69-0031	Tenor-Sax ±43mm●seamless.....	1 piece 5.--



Natural Cork

Key-Cork pre-shaped for flute

	CHF Net Price
S-401454 Trill-Key●Shape "A"..... Bottom ± 8,4 x 5,4mm ● height ± 6,1mm	12 pieces 33.--
S-401458 Trill-Key●Shape "E"..... Bottom ± 9,2 x 3,5mm ● height ± 7,5mm	12 pieces 33.--
S-401452 Trill-Key●Shape "G"..... Bottom ± 8,0 x 4,1mm ● height ± 8,5mm	12 pieces 33.--
S-401456 Trill-Key●Shape "Yamaha"..... Bottom ± 8,1 x 5,5mm ● height ± 5,6mm	12 pieces 33.--
S-401453 D# (Eb)-Key●Shape "A"..... Bottom ± 13,9 x 10,9mm ● height ± 6mm	12 pieces 33.--
S-401457 D# (Eb)-Key●Shape "E"..... Bottom ± 15,4 x 12,2mm ● height ± 8,3mm	12 pieces 33.--
S-401451 D# (Eb)-Key●Shape "G"..... Bottom ± 13,5 x 11,2mm ● height ± 7,3mm	12 pieces 33.--
S-401455 D# (Eb)-Key●Shape "Yamaha"..... Bottom ± 13,4 x 11,7mm ● height ± 7mm	12 pieces 33.--



Cork Wedge

	CHF Net Price
S-401435 JLS Cork Wedge 19x6,35x4.76mm..... Those are excellent for holding keys closed when in transit or storage Works equally well when isolating mechanism during adjustment	12 pieces 4.--



Synthetic Cork



Cork Sheets

		CHF Net Price
S-700301	Thickness ±0,4mm • 100mm x 150mm.....	1 piece 9.90
S-700302	Thickness ±0,8mm • 100mm x 150mm.....	1 piece 11.90
S-700303	Thickness ±1,2mm • 100mm x 150mm.....	1 piece 13.90
S-700304	Thickness ±1,6mm • 100mm x 150mm.....	1 piece 15.90



Cork Sheets Adhesive-Back

		CHF Net Price
S-700305	Thickness ±0,4mm • 100mm x 150mm.....	1 piece 11.90
S-700306	Thickness ±0,8mm • 100mm x 150mm.....	1 piece 13.90
S-700307	Thickness ±1,2mm • 100mm x 150mm.....	1 piece 15.90
S-700308	Thickness ±1,6mm • 100mm x 150mm.....	1 piece 17.90

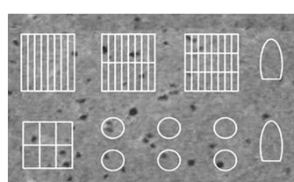
Key-Cork Adhesive-Back

		CHF Net Price
S-700361	±0,4mm • Clarinet and Flute.....	1 piece 7.--
S-700362	±0,8mm • Clarinet and Flute.....	1 piece 7.--
S-700363	±1,59mm • Clarinet, Flute and Saxophone.....	1 piece 7.--

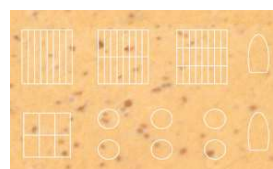
precut shapes • adhesive back for quick and easy placement



700361 • 700362



700363



Adhesive Remover - Cork Cleaner

		CHF Net Price
S-105085	40ml • citrus-based.....	1 piece 4.50

This citrus-based solvent is excellent for removing adhesive residue left behind when replacing joint corks. Also great for use as a cork cleaner



Paraffin

		CHF Net Price
S-119019	Paraffin white ±113gr.....	1 piece 4.--

for sealing cork and cork-pads



Lubricants

Key-Oil Synthetic

		CHF Net Price
S-119012	JLS 22ml● #23 Heavy.....	1 piece 11.--
S-119014	JLS 59ml● #23 Heavy.....	1 piece 19.--
S-119013	JLS 22ml● #21 Medium.....	1 piece 11.--
S-119015	JLS 59ml● #21 Medium.....	1 piece 19.--
Plastic-Bottle●replaceable metal needle		
S-119016	JLS 177ml● #23 Heavy.....	1 piece 45.--
S-119017	JLS 177ml● #21 Medium.....	1 piece 30.--
Plastic-Bottle Shop-Size		
79-9700	Miyazawa 59ml●Original●as used in Factory.....	1 piece 12.--
Plastic-Bottle●replaceable metal needle		



Key-Oil Petroleum based

		CHF Net Price
S-119038	JLS 22ml● #4 Thin.....	1 piece 7.20
S-119039	JLS 59ml● #4 Thin.....	1 piece 9.--
S-119040	JLS 22ml● #7 Medium.....	1 piece 6.--
S-119041	JLS 59ml● #7 Medium.....	1 piece 9.--
S-119042	JLS 22ml● #9 Thick.....	1 piece 6.--
S-119043	JLS 59ml● #9 Thick.....	1 piece 9.--
Plastic-Bottle●replaceable metal needle		
S-119021	JLS 177ml● #4 Thin.....	1 piece 12.--
S-119022	JLS 177ml● #7 Medium.....	1 piece 12.--
S-119023	JLS 177ml● #9 Thick.....	1 piece 12.--
Plastic-Bottle Shop-Size		

Woodwind Bore-Oil

		CHF Net Price
S-119031	JLS 177ml●#18 Universal.....	1 piece 15.--
Plastic-Bottle Shop-Size●Old formula●contains nut-oil		
This all natural bore oil is a must for woodwinds		



empty plastic bottles

		CHF Net Price
S-119003	22ml●with metal needle-oiler Ø 0,84mm.....	1 piece 5.--
S-119004	22ml●with metal needle-oiler Ø 0,41mm.....	1 piece 5.--
S-119005	22ml●with metal needle-oiler Ø 0,33mm.....	1 piece 5.--
S-119006	59ml●with metal needle-oiler Ø 0,84mm.....	1 piece 6.--
S-119007	59ml●with metal needle-oiler Ø 0,41mm.....	1 piece 6.--
S-119008	59ml●with metal needle-oiler Ø 0,33mm.....	1 piece 6.--



needles only for bottle

		CHF Net Price
S-119009	Ø 0,84mm ● color pink.....	1 piece 2.--
S-119010	Ø 0,41mm ● color schwarz.....	1 piece 2.--
S-119011	Ø 0,33mm ● color orange.....	1 piece 2.--
fits 22ml and 59ml bottles●tip of needle is blunt (not sharp edged)		



Penetrating-Oil

		CHF Net Price
S-700107	Valentino 15ml.....	1 piece 5.--
Glas-Bottle●Dropping-Glass for exact application of the oil		



Miscellaneous

Open Hole Flute-Key Plug

		CHF Net Price
S-850002	Ø±7,5mm x 3,2mm • translucent silicone.....	100 pieces 25.--
S-850003	Ø±8,0mm x 3,2mm • translucent silicone.....	100 pieces 25.--



Thumb Cushion adhesive back

		CHF Net Price
S-700443	Shape #1•synthetic black•Ø 13mm.....	12 pieces 8.--
S-700447	Shape #2•synthetic black•Ø 13mm.....	12 pieces 8.--
S-700451	Shape #3•synthetic black•Ø 13mm.....	12 pieces 8.--
S-700455	Shape #4•synthetic black•Ø 13mm.....	12 pieces 8.--



Headjoint Fitting Strips Copper

		CHF Net Price
S-101068	38mm x 102mm • adhesive back.....	3 pieces 6.--

Finally a reliable, reversible solution for temporary and long term headjoint fitting
Our new copper headjoint strips are used for fitting headjoints to flutes when the headjoint is too small to fit securely•peel-and-stick adhesive backing



Pipe-Cleaners

		CHF Net Price
S-113001	Old-Fashion white.....	56 pieces 3.--
S-113027	Old-Fashion white•extra thin.....	56 pieces 3.--

The plain, old-fashioned straight type that are perfect for cleaning hinge tubes etc.



PTFE (Teflon®) (Polytetrafluorethylen)

		CHF Net Price
S-403028	Thickness 0,127mm (.005")• 100mm x 300mm.....	1 piece 6.50
S-403048	Thickness 0,254mm (.010")• 100mm x 300mm.....	1 piece 9.--
S-403029	Thickness 0,381mm (.015")• 100mm x 300mm.....	1 piece 11.--

PTFE sheets are etched on one side to allow for bonding•for key-work and brass helpful in brass work•Use it to cover your dent machine shoes and your dent-hammer faces to reduce the danger of tool



Ultrasuede (Microfiber-Fabric)

		CHF Net Price
S-403026	black thickness 0,8mm • 100mm x 300mm.....	1 piece 7.50



Leather

		CHF Net Price
S-403025	brown thickness ± 0,3mm • 100mm x 300mm.....	1 piece 7.--



Embouchure-Hole Gauge

		CHF Net Price
S-245033	Cooper Gauge.....	1 piece 22.--

universal gauge to measure all relevant parameters of the embouchure-hole comes with instruction manual



Pin-Connection Silencer B+F# left Hand

		CHF Net Price
S-580001	Clarinet Silencer Shims.....	25 pieces 4.--

plastic silver-colored•thickness 0,013mm•silencer for connecting pin



PTFE-Washer Pilot Pivot

		CHF Net Price
S-174001	Saxophone PTFE-washer 0,127mm..... outer Ø±4,76mm•inner Ø±1,59mm	25 pieces 5.--
S-165001	Clarinet PTFE-washer 0,127mm..... outer Ø±3,57mm•inner Ø±1,19mm	25 pieces 5.--



High-E Facilitators

Delrin (press fit)		CHF Net Price
S-168077	Ø 12,446mm (.490")..... fits Yamaha 674	1 piece 8.50
S-168079	Ø 12,573mm (.495")..... fits Brannen Cooper•Di Zhao•Haynes Q-Serie Haynes Custom	1 piece 8.50
S-168009	Ø 12,7mm (.500")..... fits Powell Handmade older models	1 piece 8.50
S-168011	Ø 12,954mm (.510")..... fits Sonare 7000•Trevor-James Performer	1 piece 8.50
S-168012	Ø 13,081mm (.515")..... fits Armstrong 105	1 piece 8.50
S-168013	Ø 13,208mm (.520")..... fits Solexa•Sankyo•Miyazawa•Muramatsu	1 piece 8.50
S-168014	Ø 13,335mm (.525")..... fits Altus 807+1107•DiMedeci 1011•Pearl 775 Azumi•Muramatsu•Haynes	1 piece 8.50
S-168015	Ø 13,462mm (.530")..... fits Azumi•Haynes•Tom Green	1 piece 8.50



Aluminium (press fit)		CHF Net Price
S-168076	Ø 12,446mm (.490")..... fits Yamaha 674	1 piece 10.--
S-168078	Ø 12,573mm (.495")..... fits Brannen Cooper•Di Zhao•Haynes Q-Serie Haynes Custom	1 piece 10.--
S-168001	Ø 12,7mm (.500")..... fits Powell Handmade older models	1 piece 10.--
S-168002	Ø 12,827mm (.505")..... fits Brio•Armstrong 90	1 piece 10.--
S-168003	Ø 12,954mm (.510")..... fits Sonare 7000•Trevor-James Performer	1 piece 10.--
S-168004	Ø 13,081mm (.515")..... fits Armstrong 105	1 piece 10.--
S-168006	Ø 13,335mm (.525")..... fits Altus 807+1107•DiMedeci 1011•Pearl 775 Azumi•Muramatsu•Haynes	1 piece 10.--
S-168007	Ø 13,462mm (.530")..... fits Azumi•Haynes•Tom Green	1 piece 10.--



Springs

Needle-Springs "DS-Alloy" Stainless-Steel

CHF
Net Price

S-180138	Ø 0,965mm (0,038") x ± 50mm.....	25 pieces 4.--
S-180140	Ø 1,016mm (0,040") x ± 55mm.....	25 pieces 4.--
S-180142	Ø 1,067mm (0,042") x ± 64mm.....	25 pieces 4.--
S-180144	Ø 1,118mm (0,044") x ± 64mm.....	25 pieces 4.--
S-180148	Ø 1,219mm (0,048") x ± 64mm.....	25 pieces 4.--

Our Valentino DS Alloy Stainless Steel round springs are very reliable, predictable and they out perform most every other spring. They aren't brittle or dead and they don't break or rust. We supply our springs with the "Post-Flat" already stamped in

Needle-Springs "Premium" Stainless-Steel

CHF
Net Price

S-182116	0,406mm (0,016") x ± 32mm.....	25 pieces 6.--
S-182118	0,457mm (0,018") x ± 32mm.....	25 pieces 6.--
S-182120	0,508mm (0,020") x ± 32mm.....	25 pieces 6.--
S-182122	0,559mm (0,022") x ± 32mm.....	25 pieces 6.--
S-182125	0,635mm (0,025") x ± 44mm.....	25 pieces 7.--
S-182126	0,660mm (0,026") x ± 44mm.....	25 pieces 7.--
S-182128	0,711mm (0,028") x ± 44mm.....	25 pieces 7.--
S-182130	0,762mm (0,030") x ± 50mm.....	25 pieces 8.--
S-182132	0,813mm (0,032") x ± 50mm.....	25 pieces 8.--
S-182136	0,914mm (0,036") x ± 50mm.....	25 pieces 8.--
S-182140	1,016mm (0,040") x ± 50mm.....	25 pieces 10.--
S-182145	1,143mm (0,045") x ± 64mm.....	25 pieces 13.--
S-182151	1,295mm (0,051") x ± 64mm.....	25 pieces 16.--

Our Valentino Premium Stainless Steel round springs are made of high-tensile stainless-steel that is ground and polished. The surface finish is more akin to a gold flute spring than a typical stainless spring. Particularly in the smaller diameters (piccolo, flute, oboe, clarinet) the spring has a more lively feel than either the blued needle, regular stainless or gold
We supply our springs with the "Post-Flat" already stamped in

Needle-Springs blued Steel

CHF
Net Price

S-180213	Ø 0,33mm (0,013") x ± 30mm.....	12 pieces 15.--
S-180215	Ø 0,38mm (0,015") x ± 30mm.....	12 pieces 15.--
S-180217	Ø 0,43mm (0,017") x ± 54mm.....	12 pieces 15.--
S-180219	Ø 0,48mm (0,019") x ± 54mm.....	12 pieces 15.--
S-180221	Ø 0,53mm (0,021") x ± 43mm.....	12 pieces 15.--
S-180223	Ø 0,58mm (0,023") x ± 56mm.....	12 pieces 15.--
S-180225	Ø 0,64mm (0,025") x ± 52mm.....	12 pieces 15.--
S-180227	Ø 0,69mm (0,027") x ± 56mm.....	12 pieces 15.--
S-180229	Ø 0,74mm (0,029") x ± 56mm.....	12 pieces 15.--
S-180231	Ø 0,79mm (0,031") x ± 56mm.....	12 pieces 15.--
S-180233	Ø 0,84mm (0,033") x ± 58mm.....	12 pieces 15.--
S-180235	Ø 0,90mm (0,035") x ± 60mm.....	12 pieces 15.--
S-180237	Ø 0,94mm (0,037") x ± 56mm.....	12 pieces 15.--
S-180239	Ø 0,99mm (0,039") x ± 62mm.....	12 pieces 15.--
S-180243	Ø 1,09mm (0,043") x ± 55mm.....	12 pieces 15.--
S-180247	Ø 1,19mm (0,047") x ± 62mm.....	12 pieces 15.--
S-180251	Ø 1,30mm (0,051") x ± 62mm.....	12 pieces 15.--
S-180255	Ø 1,40mm (0,055") x ± 90mm.....	12 pieces 15.--

The classic made of top-quality european blued steel

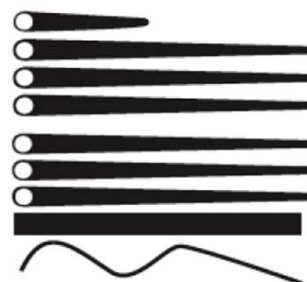
Springs

Flat-Springs Clarinet blued Steel

CHF
Net Price

S-180001	0,25mm x 16mm • mit Loch.....	12 pieces	23.--
S-180002	0,20mm x 36mm • mit Loch.....	12 pieces	23.--
S-180003	0,30mm x 36mm • mit Loch.....	12 pieces	26.--
S-180004	0,40mm x 36mm • mit Loch.....	12 pieces	28.--

The classic made of top-quality european blued steel



Flat-Springs Saxophone blued Steel

CHF
Net Price

S-180005	0,20mm x 36mm • mit Loch.....	12 pieces	23.--
S-180006	0,30mm x 36mm • mit Loch.....	12 pieces	26.--
S-180007	0,40mm x 36mm • mit Loch.....	12 pieces	29.--
S-180008	0,40mm x 32mm • gewinkelt.....	12 pieces	32.--

The classic made of top-quality european blued steel

Spring Sets blued Steel

CHF
Net Price

S-180261	Piccolo.....	1 Set	10.--
S-180260	Oboe.....	1 Set	15.--
S-180259	Flute.....	1 Set	15.--
S-180256	Bb-Clarinet.....	1 Set	20.--
S-180257	Alto Saxophone.....	1 Set	33.--
S-180258	Tenor Saxophone.....	1 Set	34.--

This set of springs contains all the flat springs and needle springs required to respring most of the common brands



Piccolo



Oboe



Flute



Bb-Clarinet



Alto-Sax



Tenor-Sax

White-Gold Spring

CHF
Net Price

S-180029	Ø 0,508mm (.020")•length 125mm.....	1 piece	91.--
S-180027	Ø 0,635mm (.025")•length 125mm.....	1 piece	142.--
S-180028	Ø 0,813mm (.032")•length 125mm.....	1 piece	143.--



Steel-Rods

Drill-Rod

CHF
Net Price

S-452030	Ø 3,264mm●length 457mm.....	2 pieces 9.--
S-452031	Ø 3,048mm●length 457mm.....	2 pieces 9.--
S-452032	Ø 2,946mm●length 457mm.....	2 pieces 9.--
S-452033	Ø 2,870mm●length 457mm.....	2 pieces 9.--
S-452034	Ø 2,819mm●length 457mm.....	2 pieces 9.--
S-452035	Ø 2,794mm●length 457mm.....	2 pieces 9.--
S-452036	Ø 2,705mm●length 457mm.....	2 pieces 9.--
S-452037	Ø 2,642mm●length 457mm.....	2 pieces 8.--
S-452038	Ø 2,578mm●length 457mm.....	2 pieces 8.--
S-452039	Ø 2,527mm●length 457mm.....	2 pieces 8.--
S-452040	Ø 2,489mm●length 457mm.....	2 pieces 8.--
S-452041	Ø 2,438mm●length 457mm.....	2 pieces 8.--
S-452332	Ø 2,381mm●length 457mm.....	2 pieces 8.--
S-452042	Ø 2,375mm●length 457mm.....	2 pieces 8.--
S-452043	Ø 2,261mm●length 457mm.....	2 pieces 8.--
S-452044	Ø 2,184mm●length 457mm.....	2 pieces 8.--
S-452045	Ø 2,083mm●length 457mm.....	2 pieces 8.--
S-452046	Ø 2,057mm●length 457mm.....	2 pieces 8.--
S-452047	Ø 1,994mm●length 457mm.....	2 pieces 8.--
S-452564	Ø 1,984mm●length 457mm.....	2 pieces 8.--
S-452048	Ø 1,930mm●length 457mm.....	2 pieces 8.--
S-452049	Ø 1,854mm●length 457mm.....	2 pieces 8.--
S-452050	Ø 1,778mm●length 457mm.....	2 pieces 8.--
S-452051	Ø 1,702mm●length 457mm.....	2 pieces 8.--
S-452116	Ø 1,588mm●length 457mm.....	2 pieces 8.--



1095er Carbon Toolsteel (±58-±61 Rockwell)

drill rods are perfect for making replacement rods, screws and axles
and various tools in the shop

Wood Repair Material

Carbon Fiber Ribbon

CHF
Net Price

S-115001 Carbon Fiber Ribbon..... 1 piece 16.--
 Hank with black Carbon-Hair•length ±365cm
 Perfect to repair wood-cracks•use Epoxy-Glue to glue in the carbon-hair
 to finish use wood dust and INSTA-CURE Thin CA-Glue and sand to finish
 when properly executed, you will have a perfect and nice permanent repair



Carbon Fiber Crack Rod

CHF
Net Price

S-115005 Carbon Fiber Crack Rod Ø1,5mm•50cm..... 1 piece 10.--
 drill a blind hole across the crack with the appropriate drill size
 Insert the rod marking the length (slightly shorter)
 place 3 drops of CA-Glue into the hole and insert the "Pin"•finish up with
 wood dust and CA-Glue•the result is a perfect permanent repair



Steel-Pin

CHF
Net Price

S-115002 Stainless-Steel Ø ±1,3mm•30cm..... 1 piece 20.--
 S-115003 Stainless-Steel Ø ±1,83mm•30cm..... 1 piece 4.--
 S-115004 Stainless-Steel Ø ±2,36mm•30cm..... 1 piece 4.--
 grooved•drill a hole across the crack with the appropriate drill size
 measure the hole-depth and cut the pin slightly shorter•screw or glue the pin
 into the hole•fill the entry-point with wood dust and CA-Glue



Tenon-Sleeve

CHF
Net Price

S-165021 Tenon-Sleeve..... 1 piece 19.--
 fits Buffet R13•Hard-Rubber•turn the broken tenon of on a late to the right size
 slip the sleeve over the tenon and glue it



Tone-Hole Insert for clarinet

CHF
Net Price

S-165030 Hard-Rubber Tone-Hole-Insert..... 1 piece 11.--
 outer Ø±11.07mm•inner Ø±4.39mm
 S-165031 Hard-Rubber Tone-Hole-Insert..... 1 piece 11.--
 outer Ø±11.07mm•inner Ø±5.21mm
 to repair cracked toneholes•glue in with epoxy



Wood-Powder

CHF
Net Price

S-900010 real rosewood ±18gr..... 1 piece 8.--
 S-900011 real ebony ±12gr..... 1 piece 8.--



Plier

JLS Swedging Plier (hardened stainless-steel)

CHF
Net Price

S-251021	Small ● hole when closed Ø 2,4mm.....	1 piece 43.--
S-251022	Medium ● hole when closed Ø 2,5mm.....	1 piece 43.--
S-252021	#21●hole when closed Ø 3,3mm..... Piccolo, Oboe and some Flute-Keys (G# and B)	1 piece 43.--
S-252022	#22●hole when closed Ø 3,6mm..... most hinge tubes on flute and small hinges on clarinet	1 piece 43.--
S-252023	#23●hole when closed Ø 4,0mm..... most clarinet hinge tubes and small saxophone hinges	1 piece 43.--
S-252024	#24●hole when closed Ø 4,5mm..... most saxophone keys	1 piece 43.--
S-252025	#25●hole when closed Ø 5,0mm..... extra large hinge tubes on some saxophone	1 piece 43.--



For fitting and elongating hing-tubes●rubber-grips

JLS Whole Spring & Pin Plier (hardened stainless-steel)

CHF
Net Price

S-252020	#20 Whole Spring Plier.....	1 piece 43.--
----------	-----------------------------	---------------

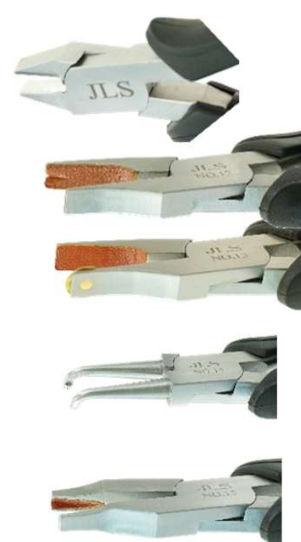
For removing, installing straight springs and for pulling key-pins out●rubber-grips



JLS Key-Plier (hardened stainless-steel)

CHF
Net Price

S-252027	#27 Key Arm and Foot Plier..... rubber grips●designed to securely grip a key arm or foot with parallel pressure polished jaw surface●Tip▶ cover one jaw with leather or PTFE against scratches	1 piece 49.--
S-251012	#12 Pad-Cup-Leveling-Plier "closed hole"..... allows side-to-side adjustment for flute pad cups●top plier features leather padding and a slightly recessed slot for fitting over the pad cup arm	1 piece 45.--
S-251013	#13 Pad-Cup-Leveling-Plier "open hole"..... allows side-to-side adjustment for flute pad cups●top plier features leather padding and a slightly recessed slot for fitting over the pad cup arm bottom plier with a rivet for centering the plier on the underside of open hole	1 piece 45.--
S-251014	#14 Flute-Back-Arm-Plier..... allows grasping the key cup arm from behind where it attaches to the cup	1 piece 45.--
S-251015	#15 Flute-Key-Foot-Plier..... for making minor alterations to the key cup venting or when regulatin lost motion leather padding and a slightly recessed slot on one side for fitting on pad cup arm	1 piece 45.--



Universal Plier (hardened stainless-steel)

CHF
Net Price

S-252045	JLS Small Round Nose..... Stainless-Steel●length ±130mm●tip length ±25mm●rounded tips●rubber grips	1 piece 12.--
S-252046	JLS Small Flat Nose..... Stainless-Steel●length ±130mm●tip length ±25mm●flat tips●rubber grips	1 piece 12.--
S-252047	JLS Small Chain Nose..... Stainless-Steel●length ±130mm●tip length ±25mm●pointed tips●rubber grips	1 piece 12.--



Parallel Jaw Plier

CHF
Net Price

S-252040	JLS Brass Jaw Parallel..... chrome plated spring loaded grips●length ±145mm●brass inserts 8mm wide the brass prevents scratching and avoid marring	1 piece 25.--
S-252041	JLS Nylon Jaw Parallel.....	1 piece 25.--
S-252042	Jaw-Tip Nylon 8mm wide..... chrome plated spring loaded grips●length ±145mm●nylon jaws 8mm wide the nylon prevents scratching and avoid marring●maximum surface contact	1 piece 2.50



Leak-Light

LED Leak-Light 360° "orange"

CHF
Net Price

S-237006	Piccolo length ±178mm.....	1 piece	150.--
S-237008	Flute/Saxophone length ±305mm.....	1 piece	162.--
S-237010	Saxophone length ±508mm.....	1 piece	175.--

including 0,5m cable●Power-Supply-Adapter●On/Off-Switch



LED Leak-Light 360° "white"

CHF
Net Price

S-237005	Piccolo length ±178mm.....	1 piece	150.--
S-237007	Flute/Saxophone length ±305mm.....	1 piece	162.--
S-237009	Saxophone length ±508mm.....	1 piece	175.--

including 0,5m cable●Power-Supply-Adapter●On/Off-Switch



JLS Leak-Light "Starter-Pack"

CHF
Net Price

S-237003	JLS Starter-Pack (replacement pack).....	1 Set	27.--
----------	---	-------	-------

the Starter-Pack is included with the JLS LED Leak-Light set includes Power-Supply-Adaptor●50cm cable extension●On/Off-Switch



Tone-Hole Flatness Gauge lighted

CHF
Net Price

S-227051	JLS Tone Hole Flatness Gauge		64.--
----------	---	--	-------

Our lighted tone-hole-gauge is the ultimate way to locate flute tone imperfections. Before setting flute pads make sure that the tone hole is flat enough for a pad to seal with first touch. The tool is made of a comfortable and beautiful wooden handle, a precision ground and hardened gauge and a light with replaceable battery that shines into the tone hole, illuminating gaps between hole and the gauge.



Leak-Machine

JLS "MAG" Leak-Machine

CHF
Net Price

S-237100 MAG Leak-Machine..... 1 piece 555.--

The final word in determining to what degree an instrument is leaking
It helps locate leaks that cannot be found with other traditional methods



JLS "MAG" Testing-Plug Assortment

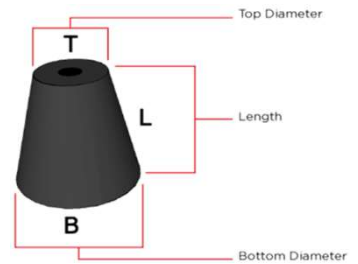
CHF
Net Price

S-236003 Clarinet●35 piece set..... 1 Set 30.--
S-236004 Flute●27 piece set..... 1 Set 30.--
S-236005 Oboe●27 piece set..... 1 Set 28.--
S-236006 Piccolo●20 piece set..... 1 Set 20.--
S-236001 complet assortment●92 piece set..... 1 Set 120.--
S-236002 standard assortment●78 pieces set..... 1 Set 63.--

JLS "MAG" EPDM-Plugs with hole

CHF
Net Price

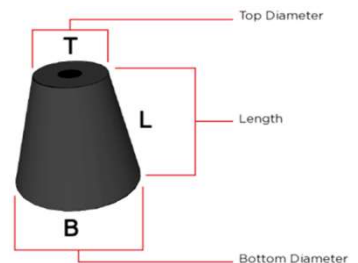
S-236080 B Ø 13.00mm ●T Ø 8.00mm ●L 21.00mm..... 1 piece 1.70
S-236081 B Ø 15.00mm ●T Ø 10.00mm ●L 25.40mm..... 1 piece 2.--
S-236082 B Ø 17.00mm ●T Ø 13.00mm ●L 25.40mm..... 1 piece 2.--
S-236020 B Ø 18.99mm ●T Ø 12.97mm ●L 25.40mm..... 1 piece 3.--
S-236083 B Ø 24.00mm ●T Ø 18.00mm ●L 25.40mm..... 1 piece 4.--
S-236084 B Ø 26.00mm ●T Ø 20.00mm ●L 25.40mm..... 1 piece 4.--
S-236086 B Ø 27.00mm ●T Ø 23.00mm ●L 25.40mm..... 1 piece 6.--
S-236088 B Ø 37,00mm ●T Ø 30,00mm ●L 25,40mm..... 1 piece 7.--
S-236090 B Ø 39,00mm ●T Ø 31,00mm ●L 25,40mm..... 1 piece 8.--
S-236092 B Ø 41,00mm ●T Ø 33,00mm ●L 25,40mm..... 1 piece 10.--
S-236094 B Ø 45,00mm ●T Ø 37,00mm ●L 25,40mm..... 1 piece 5.20



JLS "MAG" EPDM-Plugs without hole

CHF
Net Price

S-236008 B Ø 3.18mm ●T Ø 1.57mm ●L 15.88mm..... 1 piece 1.30
S-236009 B Ø 4.75mm ●T Ø 1.57mm ●L 19.05mm..... 1 piece 1.30
S-236010 B Ø 5.08mm ●T Ø 1.57mm ●L 19.05mm..... 1 piece 1.30
S-236011 B Ø 6.35mm ●T Ø 3.18mm ●L 19.05mm..... 1 piece 1.30
S-236012 B Ø 8.74mm ●T Ø 4.75mm ●L 25.40mm..... 1 piece 1.30
S-236013 B Ø 9.42mm ●T Ø 6.35mm ●L 19.05mm..... 1 piece 1.30
S-236014 B Ø 11.10mm ●T Ø 6.35mm ●L 25.40mm..... 1 piece 1.30
S-236015 B Ø 11.99mm ●T Ø 8.99mm ●L 19.00mm..... 1 piece 1.30
S-236016 B Ø 12.70mm ●T Ø 7.95mm ●L 20.62mm..... 1 piece 1.30
S-236017 B Ø 15.09mm ●T Ø 10.31mm ●L 25.40mm..... 1 piece 1.30
S-236018 B Ø 16.66mm ●T Ø 12.70mm ●L 25.40mm..... 1 piece 1.30
S-236019 B Ø 19.05mm ●T Ø 14.30mm ●L 25.40mm..... 1 piece 1.30
S-236021 B Ø 19.84mm ●T Ø 15.88mm ●L 25.40mm..... 1 piece 2.--
S-236022 B Ø 23.83mm ●T Ø 18.24mm ●L 25.40mm..... 1 piece 2.--
S-236023 B Ø 26.01mm ●T Ø 19.99mm ●L 25.40mm..... 1 piece 2.--
S-236085 B Ø 27.00mm ●T Ø 23.00mm ●L 25.00mm..... 1 piece 6.--
S-236026 B Ø 33.99mm ●T Ø 27.00mm ●L 25.40mm..... 1 piece 2.--
S-236087 B Ø 37,00mm ●T Ø 30,00mm ●L 25,40mm..... 1 piece 7.--
S-236089 B Ø 39,00mm ●T Ø 31,00mm ●L 25,40mm..... 1 piece 7.--
S-236091 B Ø 41,00mm ●T Ø 33,00mm ●L 25,40mm..... 1 piece 10.--
S-236093 B Ø 45,00mm ●T Ø 37,00mm ●L 25,40mm..... 1 piece 10.--
S-236095 B Ø 50,00mm ●T Ø 42,00mm ●L 25,40mm..... 1 piece 11.50



EPDM ► Synthetic-Rubber

Leak-Machine Accessories

JLS MAG Leak-Isolator for flute

CHF
Net Price

S-236056	Leak-Isolator for flute tonehole.....	1 piece	125.--
S-236072	Replacement Rubber-Washer•Ø18mm.....	1 piece	6.--
S-236114	Replacement Silicone-Washer•black•Ø18mm.....	1 piece	5.80

The tool will isolate the flute at different points along its length and it will also isolate each pad individually



JLS MAG Hose

CHF
Net Price

S-236046	JLS Soft-Hose blau.....	1 piece	7.50
----------	-------------------------	---------	------

Length ±91cm•fits original MAG connectors and adapters



JLS MAG Connectors

CHF
Net Price

S-236045	JLS Plug/Hose Connector.....	1 piece	3.50
----------	------------------------------	---------	------

Plastic white•small barbed end for hose•large barb inserts into neopren-plug



S-236119	JLS Quick Release Adapter.....	1 piece	6.--
----------	--------------------------------	---------	------

Plastic grey•large barbe with rubber O-ring inserts into MAG machine
Allows you to quickly and easily change out differet hoses for the MAG machine



JLS MAG Pad Testing Cups

CHF
Net Price

S-236065	JLS Pad Testing Cups small.....	1 Set	51.--
----------	---------------------------------	-------	-------

for pads up to Ø 20mm•use together with the MAG machine
pads can be tested on slightest damages before setting them in the key-cup

S-236066	JLS Pad Testing Cups large.....	1 Set	126.--
----------	---------------------------------	-------	--------

for pads from Ø 20mm up to 73mm•use together with the MAG machine
pads can be tested on slightest damages before setting them in the key-cup



Key-Tools

JLS Key Pin Punch

CHF
Net Price

S-233047 JLS anodized aluminium..... 1 piece 275.--

The ultimate pin removal tool!•the J.L.Smith Flute Key Pin Punch allows you to safely and easily loosen even the toughest pins without ever harming the keys or shafts•Two pin punches (pointed and concave) allow you to work pins that are flush or slightly raised and a third needle punch with a pilot sleeve allows you to tap loose any longer pins•A spring-loaded ball holds the punch in place, allowing both hands free to hold the key and hammer•The tools also comes with a light and 4 individually shaped anvils to support various keys on flutes and piccolos



JLS Key Pin Punch accessories

CHF
Net Price

S-233055 Anvil #1•solid brass..... 1 piece 8.--
 S-233056 Anvil #2•brass with Delrin insert..... 1 piece 11.--
 S-233057 Anvil #3•Delrin pointed..... 1 piece 8.--
 S-233058 Anvil #4•Delrin flat top with notches..... 1 piece 6.--
 S-233065 Punch rod pointed•Ø4,76mm x 76,4mm (Rod A)..... 1 piece 13.--
 S-233066 Punch rod concave•Ø4,76mm x 71,82mm (Rod B)..... 1 piece 13.--
 S-180255KP Needle-Pin-Punch•Ø1,4mm x 90mm..... 1 piece 1.50
 S-233047H Wooden-Wedge..... 1 piece 5.--
 S-901601 LED Light..... 1 piece 4.--



JLS Flute Repinning Set

CHF
Net Price

S-800018 JLS Flute Repinning Set..... 1 set 48.--

everything you need to replace Key-Pins.
 2 reamers Ø 0,69mm•2 reamersn Ø 0,99mm•1 Pinning-Micro-Drill-Bit
 36 Stainless-Steel conical pins 25mm•Ø 0,5mm▶Ø 0,9mm



JLS Key-Pins

CHF
Net Price

S-168025 Stainless-Steel conical 25mm•0,5mm▶0,9mm..... 25 pieces 7.--



JLS Pinning-Reamer

CHF
Net Price

S-227024 #70 Small•Ø 0,42▶0,71mm•length 66mm..... 4.--
 S-227025 #60 Large•Ø 0,65▶1,07mm•length 79mm..... 4.--

hardened tool-steel•for the preparation of the hole in which the pin will fit



JLS Pinning Micro Drill Bit

CHF
Net Price

S-233043 Pinning Micro Drill Bit..... 1 piece 17.--



Working the flute key-cup spud

CHF
Net Price

S-254169 JLS Flute Spud Facer..... 1 set 63.--
 S-254167 JLS Plastic-Guide white for Spud-Facer..... 1 piece 6.--

Set complet with cutter, guide, height-stop and hex-key used to adjust the height of the spud inside the key-cup

S-254170 JLS Flute Spud Thread Chaser..... 1 set 43.--

Set complet with tap-holder and hex-key•tap 1/72 and tap 1,75x0,35mm used to restore the spud-thread inside the key-cup



Working Hinge-Tube

CHF
Net Price

S-206078 JLS Key Trapeze..... 1 set 35.--

Designed to hold and help straighten hinge-tube•for flute, clarinet and saxophone
 2 movable arm-slides on stainless-steel rod•arms can be flipped around



Key-Tools

Chimney Re-Sizer Open-Hole

CHF
Net Price

S-227013 **JLS Chimney Re-Sizer**..... 1 piece 75.--

Tool to re-round and re-size the open-hole for example to enlarge the hole when the pad-bushing became too loose



JLS Spring-Hook

CHF
Net Price

S-700060 **JLS Stainless-Steel**•Foam-Rubber-Grip..... 1 piece 19.--

Laser Cut from stainless-steel and hardened•The flat rectangular profile allows it to sit in the hand without requiring the tension that a round spring hook does
The geometry on one side is for smaller instruments, the other side for saxes



JLS Ring and Key Clamp

CHF
Net Price

S-201009 **JLS Ring and Key Clamp**..... 1 piece 12.--

Hold small parts securely and protect fingers with the leather-lined jaws of this clamp•Rounded at one end, flat on the other



JLS Flute Key Height Gauge

CHF
Net Price

S-227049 **JLS Flute Key Height Gauge**•Delrin..... 1 piece 15.--

finally a easy way to determine the exact height of each key



Key-Clamps

CHF
Net Price

S-700058 **JLS Steel-Clamp**..... 1 piece 8.50

Ideally tensioned, non-marring clamps holds flute and clarinet keys

S-700059 **JLS Elastic-Clamp**..... 1 piece 2.50

universal•not heat resistant•less tension than the steel-clamps



Burnisher round conical

CHF
Net Price

S-233045 **JLS Broach-Set**•12 piece set..... 1 Set 45.--

Tool-Steel•for rerounding hinge-tubing, holes etc.

0,40▶0,86mm ■ 0,53▶0,97mm ■ 0,60▶1,06mm ■ 0,65▶1,13mm ■ 0,66▶1,26mm
0,76▶1,37mm ■ 1,07▶1,74mm ■ 1,22▶1,94mm ■ 1,52▶2,26mm ■ 1,65▶2,57mm
1,98▶3,00mm ■ 2,39▶3,49mm



Key-Tools

JLS Reamers

		CHF Net Price
S-233001	#15 Ø 4,57mm•Length 114mm.....	1 piece 24.--
S-233002	#16 Ø 4,50mm•Length 114mm.....	1 piece 24.--
S-233003	#17 Ø 4,37mm•Length 114mm.....	1 piece 24.--
S-233004	#18 Ø 4,31mm•Length 114mm.....	1 piece 24.--
S-233005	#19 Ø 4,22mm•Length 114mm.....	1 piece 24.--
S-233006	#20 Ø 4,09mm•Length 114mm.....	1 piece 24.--
S-233007	#21 Ø 4,04mm•Length 114mm.....	1 piece 24.--
S-233008	#22 Ø 3,99mm•Length 102mm.....	1 piece 23.--
S-233009	#23 Ø 3,91mm•Length 102mm.....	1 piece 24.--
S-233010	#24 Ø 3,86mm•Length 102mm.....	1 piece 23.--
S-233011	#25 Ø 3,80mm•Length 102mm.....	1 piece 30.--
S-233012	#26 Ø 3,73mm•Length 102mm.....	1 piece 23.--
S-233013	#27 Ø 3,66mm•Length 102mm.....	1 piece 23.--
S-233014	#28 Ø 3,57mm•Length 102mm.....	1 piece 29.50
S-233015	#29 Ø 3,45mm•Length 102mm.....	1 piece 23.--
S-233016	#30 Ø 3,26mm•Length 102mm.....	1 piece 58.--
S-233017	#31 Ø 3,05mm•Length 102mm.....	1 piece 27.--
S-233018	#32 Ø 2,95mm•Length 102mm.....	1 piece 30.--
S-233019	#33 Ø 2,87mm•Length 102mm.....	1 piece 29.50
S-233020	#34 Ø 2,82mm•Length 89mm.....	1 piece 25.--
S-233021	#35 Ø 2,79mm•Length 89mm.....	1 piece 21.--
S-233022	#36 Ø 2,71mm•Length 102mm.....	1 piece 20.--
S-233023	#37 Ø 2,64mm•Length 102mm.....	1 piece 20.--
S-233024	#38 Ø 2,58mm•Length 102mm.....	1 piece 20.--
S-233025	#39 Ø 2,53mm•Length 102mm.....	1 piece 29.50
S-233026	#40 Ø 2,49mm•Length 102mm.....	1 piece 32.50
S-233027	#41 Ø 2,44mm•Length 102mm.....	1 piece 36.--
S-233028	#42 Ø 2,37mm•Length 102mm.....	1 piece 36.50
S-233029	#43 Ø 2,26mm•Length 102mm.....	1 piece 25.--
S-233030	#44 Ø 2,18mm•Length 102mm.....	1 piece 25.--
S-233031	#45 Ø 2,08mm•Length 102mm.....	1 piece 25.--
S-233032	#46 Ø 2,06mm•Length 102mm.....	1 piece 26.--
S-233033	#47 Ø 1,99mm•Length 76mm.....	1 piece 31.--
S-233034	#48 Ø 1,93mm•Length 76mm.....	1 piece 35.--
S-233035	#49 Ø 1,85mm•Length 79mm.....	1 piece 34.--
S-233036	#50 Ø 1,78mm•Length 79mm.....	1 piece 34.--
S-233037	#51 Ø 1,70mm•Length 79mm.....	1 piece 29.--

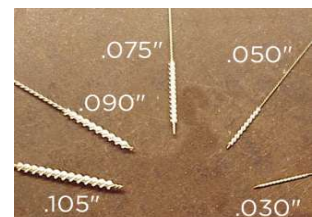
hardened tool-steel



JLS Micro Tube-Brushes

		CHF Net Price
S-113040	Ø ±0,76mm•Brush ±12,7mm•total length ±101mm.....	1 piece 13.--
S-113046	Ø ±1,27mm•Brush ±12,7mm•total length ±101mm.....	1 piece 13.--
S-113047	Ø ±1,91mm•Brush ±19mm•total length ±101mm.....	1 piece 13.--
S-113048	Ø ±2,29mm•Brush ±19mm•total length ±101mm.....	1 piece 13.--
S-113049	Ø ±2,67mm•Brush ±25mm•total length ±101mm.....	1 piece 13.--

Ultra-Fine abrasive filament•improves the key-action on any woodwind
with hinge key•cleans and polishes perfectly the inside of key-tubes



JLS Stainless Tube-Brushes

		CHF Net Price
S-113082	Ø ±0,76mm•Brush ±12,7mm•total length ±101mm.....	1 piece 6.--
S-113083	Ø ±1,27mm•Brush ±12,7mm•total length ±101mm.....	1 piece 6.--
S-113084	Ø ±1,78mm•Brush ±19mm•total length ±101mm.....	1 piece 6.--
S-113085	Ø ±2,03mm•Brush ±19mm•total length ±101mm.....	1 piece 6.--
S-113086	Ø ±2,54mm•Brush ±25mm•total length ±101mm.....	1 piece 6.--

handle with ring•get the crustiest residues off the inside of tubes



Tonehole-Tools

Tone Hole Dresser Interior with wood-handle

CHF
Net Price

S-248020H	Ball Ø 6,35mm.....	1 piece	62.--
S-248021H	Ball Ø 9,525mm.....	1 piece	71.50
S-248022H	Ball Ø 12,7mm.....	1 piece	84.--
S-248023H	Ball Ø 15,875mm.....	1 piece	91.--

hardened tool-steel•for refacing interior of holes on wooden or plastic instruments



Tone Hole Dresser Interior without wood-handle

CHF
Net Price

S-248020	Ball Ø 6,35mm.....	1 piece	42.50
S-248021	Ball Ø 9,525mm.....	1 piece	47.50
S-248022	Ball Ø 12,7mm.....	1 piece	47.50
S-248023	Ball Ø 15,875mm.....	1 piece	54.50

hardened tool-steel•for refacing interior of holes on wooden or plastic instruments



JLS Flute Tone Hole Facer/Tester

CHF
Net Price

S-227011	JLS Flute Tone Hole Facer/Tester.....	1 piece	50.--
----------	---------------------------------------	---------	-------

Expertly machined flat and level surface for checking level of tone-holes
May we suggest buying two and attaching a very fine grit sand-paper
to one for perfect tone hole finishing



Tone-Hole Flatness Gauge lighted

CHF
Net Price

S-227051	JLS Tone Hole Flatness Gauge.....	1 piece	64.--
----------	-----------------------------------	---------	-------

Our lighted tone-hole-gauge is the ultimate way to locate flute tone imperfections
Before setting flute pads make sure that the tone hole is flat enough for a pad to
seal with first touch. The tool is made of a comfortable and beautiful wooden
handle, a precision ground and hardened gauge and a light with replaceable
battery that shines into the tone hole, illuminating gaps between hole and the gauge



Flute Tone Hole Diamond Finishing Kit

CHF
Net Price

S-227019	JLS Diamond Flute Tone Hole Finishing Kit.....	Set	50.--
S-227036	Set of 4 Nylon-Pilots.....	Set	10.--
S-227081	Diamond embeded disc 300grit replacement.....		40.--
S-227082	Diamond embeded disc 600grit replacement.....		40.--
S-227083	Diamond embeded disc 1200grit replacement.....		45.--

Handle with Slip-On diamond embeded disc 600grit
Nylon-Pilots for tone-hole•use light oil when grinding



Flute Tone Hole Set

CHF
Net Price

S-227006	JLS Flute-Tone-Hole-Set.....	Set	282.--
----------	------------------------------	-----	--------

1xFacer/tester•1xfacing-stone•3xexterior facers•1xinterior facer•5xguides
these tools, after leveling the tone-hole, can be used to remove the burrs left
on the outer and inner edges of the tone hole as well as rounding the face of the
tone hole•set covers tone holes of all brands of flute



Flute Tools

JLS Flute-Bench-Peg

CHF
Net Price

S-201019 JLS Flute-Bench-Peg..... 1 piece 27.--

Mounted to a bench (drill a 9,5mm hole) this non-marring plastic peg provides a third hand when performing operations on the body, foot or headjoint receiving part length 50,5mm x Ø 8,8mm



JLS Flute Headjoint Cork Tool Set

CHF
Net Price

S-227023 JLS black Delrin..... 1 set 41.--

the set consist of a long and a short black Delrin tool
Long ▶ adjustable in length to show the original cork location and to push back the new cork into his exactly same old position
Short ▶ used to push down the cork into the head



JLS Flute Head Cork Stick

CHF
Net Price

S-227084 JLS Delrin black..... 1 piece 7.--

Ø 12,8mm • length 280mm • one side with hole • grooved line at 17mm from end



JLS Flute Tenon Popper

CHF
Net Price

S-242056 JLS Tenon Popper steel..... 1 piece 44.--

Finally an easy way to re-round the end of metal tenons and slide tubes.
Our two part Tenon & Tube Popper set include a male rounder/expander and a female shrinker



JLS "Pearl-Flute" Allen-Wrench

CHF
Net Price

S-227021 JLS Allen-Wrench for Pearl-Flute..... 1 piece 3.--

Specially designed Allen-Wrench tool for servicing the proprietary pinless key system on Pearl Flutes

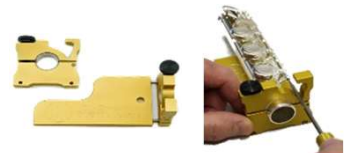


JLS Flute-Block

CHF
Net Price

S-2421055 JLS Flute-Block Aluminium..... 1 Set 100.--

keeps flutes savely off the bench and leave both hands free to work
perfect for padding, assembling, adjusting etc. • prevents damages on flute while working
"Piano"-Base is removable • 360° access for easy working



Flute Tools

JLS Flute-Station

CHF
Net Price

S-227100 **JLS Flute-Station Base-Kit**..... 2'600.--

The flute-station is a elegant and versatile tool-system for all flute bodyworks
The flute-station Base-Kit includes:

- ▶ 360° turnable lockable base with 2 stainless-steel mounting rods
- ▶ burnishing column with crank for hight-adustement
- ▶ large clamp secured V-Block•mandrels can be secured by brass-threaded T-handle
- ▶ clamp secured tool-holder with V-hole•tools secured by allen wrench•fits 1" tooling
- ▶ sliding tool-holder with V-hole•tools secured by allen wrench•fits 1" tooling
- ▶ concave burnishing-wheel used in burnishing column with crank
- ▶ stainless burnishing head used in burnishing column with crank



Zubehör zu JLS Flute-Station

CHF
Net Price

S-227111 **Burnishing-Wheel Flat Wide**..... 1 piece 47.--

stainless wheel ⇄9,45mm width and flat

- ▶ to be used with column with crank

S-227112 **Burnishing-Wheel Flat Narrow**..... 1 piece 38.--

stainless wheel ⇄4,0mm width and flat

- ▶ to be used with column with crank

S-227108 **Burnishing-Head Plastic**..... 1 piece 18.--

burnishing head plastic for finishing

- ▶ to be used with column with crank

S-227109 **Burnishing-Head Stainless-Steel**..... 1 piece 18.50

burnishing head Ø 4,75 stainless-steel with rounded tip•included in the base-kit

- ▶ to be used with column with crank

S-227061 **Tenon-Roller+Mandrel Stainless**..... 1 piece 114.--

tenon-roller flat ⇄9,3mm with mandrel•for rounding or expanding tenons/headjoint

- ▶ tenon-roller to be used with column with crank

S-227055 **Headjoint-Rod Stainless-Steel**..... 1 piece 79.--

for dent removal on head-joint•in connection with Tenon-Roller-Mandrel

total length ±318mm•insert-length ±241mm - Ø±16mm

S-242009 **Body-Mandrel**..... 1 piece 105.--

length 50,8cm x Ø 18,67mm•for body straightening and dent work

S-242052 **Dent-Body-Bar**..... 1 piece 75.--

for lifting dents from body•each end has a particular radius and entry angle
works even on heavy-wall nickel-silver tube

S-227050 **Tone-Hole-Rod**..... 1 piece 215.--

Ø18,65mm•helps lift tone holes to remove low spots•helps raise dented posts

works with both our tenon roller and post raising wrench•length 508mm

8 balls•2x Ø6,35mm•2xØ 7,95mm•2x Ø11,11mm•2x Ø12,7mm

S-227056 **Post-Raising-Wrench**..... 1 piece 57.--

raises flute body posts or rib that's been pushed in•use with Tone-Hole-Rod

- ▶ use the largest ball from the set



informational videos

 **JLSmith**
www.jlsmitheuropa.eu
enjoy our products

Saxophone-Tools

JLS Sax Key Adjusting Lever

CHF
Net Price



S-233041 JLS hardened steel..... 1 piece 21.--

A versatile tool that will perform several functions necessary to properly set up a saxophone. Most likely, you are currently using methods and possibly other tools to achieve the same results that this tool will give. Most will find the tool is a "hand-saver" and more exacting ► download instruction from WebSite



Sax Neck Leak Isolator

CHF
Net Price



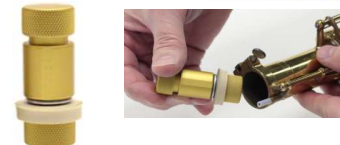
S-236031 JLS Alto-Saxophon..... 1 piece 60.--

S-236032 JLS Tenor-Saxophon..... 1 piece 60.--

S-236057 Replacement rubber-washer Alto-Saxophon..... 1 piece 6.--

S-236058 Replacement rubber-washer Tenor-Saxophon..... 1 piece 6.--

Neck Leaks are a common problem on saxophones and often overlooked Individually sized for Alto or Tenor. This isolators use a expanding ring to seal the body below the neck tenon. The neck fits over the tool and suction is checked with the neck installed. These tools are easy, fast and extremely efficient to use



Neck ► Body Straightening Plug

CHF
Net Price

S-242025 JLS Alto-Sax 1 piece 27.--

S-242026 JLS Tenor-Sax 1 piece 27.--

Our Sax Neck and Body Plugs are offered as a mandrel to fit in the neck receiver and the inside of the neck tenon. They can be used to re-round and straighten the neck or receiver. Held in a vice they can be used as a third hand to help manipulate a neck to straighten it. Inserted in the neck receiver the plugs can be used as a device to align a bent stack tube with



JLS Sax Key Height Gauge

CHF
Net Price

S-257020 JLS Alto-Sax Key Height Gauge • Delrin..... 1 piece 25.50

S-257018 JLS Tenor-Sax Key Height Gauge • Delrin..... 1 piece 29.50

finally a easy way to determine the exact height of each key both side differently graduated for equal heights or heights depending on needs



JLS Sax Tenon Popper

CHF
Net Price

S-242057 JLS Alto-Sax steel..... 1 piece 44.--

S-242058 JLS Tenor-Sax steel..... 1 piece 44.--

Finally an easy way to re-round the end of metal tenons and slide tubes. Our two part Tenon & Tube Popper set include a male rounder/expander and a female shrinker.



JLS Post Soldering Fixture

CHF
Net Price

S-260031 JLS Sax Post Soldering Fixture..... 1 piece 27.--

The Fixture has a through hole that you will insert binding-wire through • the wire is then wrapped around the body and secured • sits atop the post-ball



JLS Tonehole Resurfacing Set

CHF
Net Price

S-257062 JLS Sax Tone Hole Resurfacing Kit..... 1 Set 595.--

Tool-Set to easely resurface the sax tone-holes
26 Delrin-Pilots from Ø11mm ► Ø50mm
9 Diamond embedded heavy gauge steel discs Ø 12,8mm ► Ø 63,5mm
3 different ball end allen key actuators



Saxophone-Tools

Bow-Bar

CHF
Net Price

S-206043 **JLS Saxophone Bow-Bar**..... 1 piece 88.--

Our Bow-Bar is a fantastic way to remove dents from the bottom bow of all saxophones. The bar is bent to access the bow through the bell on one end and through the Eb hole on the other end



Alto Neck-Bar

CHF
Net Price

S-206041 **JLS Alto-Sax Neck-Bar**..... 1 piece 38.--

Our Neck-Bar is designed to round up dents and flat spots in the neck. Each polished end of the tool can be used - one for coming through the receiver end and one for coming through the mouthpiece end



Tenor Neck-Bar

CHF
Net Price

S-206042 **JLS Tenor-Sax Neck-Bar**..... 1 piece 38.--

Our Neck-Bar is designed to round up dents and flat spots in the neck. Each polished end of the tool can be used - one for coming through the receiver end and one for coming through the mouthpiece end

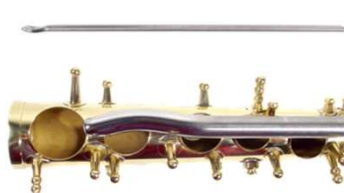


Body-Bar

CHF
Net Price

S-206040 **JLS Saxophone Body-Bar**..... 1 piece 62.--

Easily remove small to medium sized dents in the body-tube of all saxophones
The "crook" shape works it's way around the octave vent tube (without removing it) when you move the stack over the tool. Using a "ranking" motion, remove all small dents. The opposite end of the tool is threaded 3/8" with a inserted stainless stud in order to use dent balls of your choice to lift larger dents and to blend and round



Dent-Ball 3/8" thread

CHF
Net Price

S-206064 **JLS Dent-Ball 3/4" (19,05mm)**..... 1 piece 24.--

S-206065 **JLS Dent-Ball 7/8" (22,23mm)**..... 1 piece 24.--

S-206066 **JLS Dent-Ball 1" (25,4mm)**..... 1 piece 24.--

S-206067 **JLS Dent-Ball 1 1/8" (28,58mm)**..... 1 piece 24.--

to be used with the body-bar

fits also Ferree's N31•N32•N33•N70•N71•N72•N74



Sax Tone Hole Lift Set

CHF
Net Price

S-233060 **JLS Tone Hole Lift Set**..... 1 Set 80.--

S-233061 Tone-Hole-Saddle small..... 1 piece 5.--

S-233062 Tone-Hole-Saddle medium..... 1 piece 5.--

S-233063 Tone-Hole-Saddle large..... 1 piece 5.--

The JLS Sax Tonehole Lift Set is cleverly designed for lifting low spots on toneholes prior to facing them. Our set includes 3 different plastic fulcrums and one burnisher
The fulcrums are set atop the hole opposite a low spot. The tapered burnisher is designed to give excellent control and power when lifting as it sits in the notch on the top side of the (fulcrum) saddle



Mandrels high-tensile 7075-aluminium

CHF
Net Price

S-242023 **Sopran-Sax 5-piece**•length 743mm..... 248.--

conical ±10,4mm ▶±50,8mm•mandrel-sections screwed

S-242020 **Alto-Sax 4-piece**•length 638mm..... 248.--

conical ±21mm ▶±50,8mm•mandrel-sections screwed

S-242024 **Tenor-Sax 5-piece**•length 816mm..... 322.--

conical ±24,6mm ▶±61,2mm•mandrel-sections screwed

S-242022 **Bariton-Sax "upper"** 4-piece•length 581mm..... 248.--

conical ±36,5mm ▶±53,7mm•mandrel-sections screwed

S-242021 **Bariton-Sax "lower"** 4-piece•length 579mm..... 322.--

conical ±53,6mm ▶±68,4mm•mandrel-sections screwed



Hinge-Tube Cutter

"Versa-Grip" handle only

CHF
Net Price

S-254134	Small Ø 9,5mm.....	1 piece	38.50
S-254135	Large Ø 12,7mm.....	1 piece	38.50

Magnetic square shaped female housing which secures a square composite tipped male tool • economical method and easy and fast changing of blades
Gold anodized aluminium • Cross-milled for a positive grip • Ball-End rotatable also to be used for Versa Screwdrivers as well • see chapter ▶ "Universal"



"Versa" Hingetube-Cutter and Pilots

CHF
Net Price

S-254157	JLS Hinge Tube Facer.....	1 piece	43.--
----------	---------------------------	---------	-------

Tool-Steel • CNC cut to strict tolerances and hardened • supplied without pilot
Made in a 4 flute neutral rake design to work precisely and gradually • the range of pilot sizes will allow to select a tool that is most accurate for your project

S-254158-066	JLS Pilot Ø 1.68mm • .066"	1 piece	17.--
S-254158-069	JLS Pilot Ø 1.75mm • .069"	1 piece	17.--
S-254158-072	JLS Pilot Ø 1.83mm • .072"	1 piece	17.--
S-254158-075	JLS Pilot Ø 1.91mm • .075"	1 piece	17.--
S-254158-077	JLS Pilot Ø 1.96mm • .077"	1 piece	17.--
S-254158-079	JLS Pilot Ø 2.01mm • .079"	1 piece	17.--
S-254158-081	JLS Pilot Ø 2.06mm • .081"	1 piece	17.--
S-254158-085	JLS Pilot Ø 2.16mm • .085"	1 piece	17.--
S-254158-088	JLS Pilot Ø 2.24mm • .088"	1 piece	17.--
S-254158-092	JLS Pilot Ø 2.34mm • .092"	1 piece	17.--
S-254158-094	JLS Pilot Ø 2.39mm • .094"	1 piece	17.--
S-254158-095	JLS Pilot Ø 2.41mm • .095"	1 piece	17.--
S-254158-097	JLS Pilot Ø 2.46mm • .097"	1 piece	17.--
S-254158-099	JLS Pilot Ø 2.51mm • .099"	1 piece	17.--
S-254158-101	JLS Pilot Ø 2.57mm • .101"	1 piece	17.--
S-254158-103	JLS Pilot Ø 2.62mm • .103"	1 piece	17.--
S-254158-106	JLS Pilot Ø 2.69mm • .106"	1 piece	17.--
S-254158-108	JLS Pilot Ø 2.74mm • .108"	1 piece	17.--
S-254158-110	JLS Pilot Ø 2.79mm • .110"	1 piece	17.--
S-254158-112	JLS Pilot Ø 2.84mm • .112"	1 piece	17.--
S-254158-115	JLS Pilot Ø 2.92mm • .115"	1 piece	17.--
S-254158-118	JLS Pilot Ø 3.00mm • .118"	1 piece	17.--
S-254158-120	JLS Pilot Ø 3.05mm • .120"	1 piece	17.--

Tool-Steel • CNC cut to strict tolerances and hardened
to be screwed into the Hingetube-Cutter • easy to change



"Versa-Grip" Counterbore Cutter for Post

CHF
Net Price

S-254105	Ø 2,413mm (.095").....	1 piece	42.--
S-254106	Ø 2,540mm (.100").....	1 piece	42.--
S-254107	Ø 2,667mm (.105").....	1 piece	42.--
S-254108	Ø 2,794mm (.110").....	1 piece	42.--
S-254109	Ø 3,048mm (.120").....	1 piece	42.--
S-254110	Ø 3,302mm (.130").....	1 piece	42.--
S-254111	Ø 3,556mm (.140").....	1 piece	42.--
S-254112	Ø 3,810mm (.150").....	1 piece	42.--
S-254113	Ø 4,064mm (.160").....	1 piece	42.--

Tool-Steel • CNC cut to strict tolerances and hardened
4 flute style with neutral rake to take very fine cut of the interior of pivot screw post



Miscellaneous Tools

Cork and Pad Cup Scraper

CHF
Net Price

S-201073 **JLS Cork and Pad-Cup Scraper**..... 1 piece 27.--
 hardened Stainless-Steel•This Push-Pull scraper is great for scraping cork off rounded parts such as tenons and necks. The small end works well to remove adhesive residue from key cup when still mounted on the instrument



Clarinet Suction Tester

CHF
Net Price

S-236112 **JLS Clarinet Suction-Tester**..... 1 piece 4.80
 Neopren black•A very simple but effective device for testing suction on a clarinet top or bottom joint. You supply the suction, but the device allows for more **hygienic** approach than if you put your mouth on the clarinet



Bench Peg

CHF
Net Price

S-201006 **JLS universal Bench-Peg Onyx (3D printed) black**..... 1 piece 22.50
 for all kind of works on various instruments as flutes or piccolo etc.
 Drill a 9,5mm hole in the face of your workbench to mount the bench peg

S-239103 **JLS Clarinet Tenon Bench-Ped Delrin black**..... 1 piece 26.--
 For all clarinet works•cork Ø ±23,1mm
 Drill a 9,5mm hole in the face of your workbench to mount the bench peg



Thumb Rest Drill Pilot

CHF
Net Price

S-239105 **JLS Thumb Rest Drill Pilot**..... 1 piece 20.--
 The tool comes complet with a brass pilot sleeve, a spring and a highspeed drill bit
 This tool makes it easy and ultra fast to make precisely centered holes every time
 When the Thumb-Rest is loose, fill the holes and drill new ones for the screws



Adjusting Screw Insert Jig

CHF
Net Price

S-201036 **JLS Adjusting Screw Insert Jig**..... 1 set 71.--
 S-201035 Replacement Drill..... 1 piece 3.50
 S-450005 PTFE (Teflon®) Insert Material Ø1mm x 30cm..... 1 piece 3.--
 Eliminate the need for silencers under adjusting screw. These tool allows a hole to be easily cut in the end of an adjusting screw. A insert can then be glued in.
 Set comes with tool, drill, insert material and instructions



Bench-Block Steel

CHF
Net Price

S-201003 **JLS Bench-Block Steel 63x63x25mm**..... 1 piece 22.--
 Weight 0,8kg•for many uses as spring peening etc.
 S-201004 **JLS Bench-Block Steel 100x100x19mm**..... 1 piece 31.--
 Weight 1,35kg•for many uses as spring peening etc.



Spare Parts

Thumb-Rest

		CHF Net Price
S69-0001	2-hole mount •nickel-plated.....	1 piece 1.50
S69-0002	2-hole mount •silver-plated.....	1 piece 2.10
Thumb-Rest Ø±13,3mm•domed mount Ø±16,5mm		
S69-0003	3-hole mount •nickel-plated.....	1 piece 1.50
S69-0004	3-hole mount •silver-plated.....	1 piece 2.10
Thumb-Rest Ø±14mm•domed mount ±13,8mm x ±18,0mm		
S69-0010	3-hole mount •ring attachment•nickel-plated.....	1 piece 4.50
S69-0011	3-hole mount •ring attachment•silver-plated.....	1 piece 5.--
Thumb-Rest Ø±14mm•domed mount ±13,8mm x ±18,0mm		
Ring inner Ø±5,6mm		
S69-0012	adjustable •silver-plated.....	1 piece 13.--
Thumb-Rest Ø±13,7mm•domed 2-hole mount ±16,4mm x ±10,1mm		
adjustable 0▶±16,4mm		
S69-0014	adjustable •ring-attachment•silver-plated.....	1 piece 18.--
Thumb-Rest ±16,4mm x ±12,0mm•domed 2-hole mount ±16,4mm x ±10,1mm		
Ring inner Ø±7,5mm•adjustable 0▶±17,5mm•ring removable (screwed)		



Thumb-Rest Screw

		CHF Net Price
S69-0020	Steel thread M2x0,6 •3x4mm.....	10 pieces 4.--
S69-0021	Steel thread M2x0,6 •3x5,1mm.....	10 pieces 4.--
S69-0022	Steel wood-thread 2x0,8mm •3x5,1mm.....	10 pieces 4.--



Spring-Screw

		CHF Net Price
S69-0025	Steel thread M-1,4 •2,2x3,5mm.....	10 pieces 4.--
S69-0026	Steel thread M-1,4 •2,2x5,1mm.....	10 pieces 4.--



Accessories

Flute-Cleaner

		CHF Net Price
S-101062	Altieri "Original" purple •total length 355mm..... Plastic-Rod Ø9,8mm•cleaner-length ±225mm•very absorbent Micro-Fabric cleans perfectly up to the headjoint corkplate	1 piece 22.--
S-101098	Altieri "Extension" 38cm •Ø9,8mm•Delrin..... Extension für flute-cleaner "Original"•to screw in handle	1 piece 7.50
S-101093BB	Altieri "Helix" black-blue •total length 355mm.....	1 piece 26.--
S-101093BF	Altieri "Helix" black-magenta •total length 355mm.....	1 piece 26.--
S-101093BK	Altieri "Helix" black •total length 355mm.....	1 piece 26.--
S-101093BL	Altieri "Helix" blue •total length 355mm.....	1 piece 26.--
S-101093FA	Altieri "Helix" magenta •total length 355mm.....	1 piece 26.--
S-101093PU	Altieri "Helix" purple •total length 355mm..... Delrin-Rod Ø9,7mm with rubber-grip Ø13,8mm•cleaner length 184mm novel structure of microfiber-shims for thoroughly cleaning and drying	1 piece 26.--



Piccolo-Cleaner

		CHF Net Price
S-101063	Altieri "Original" purple •total length ±355mm..... 2-piece screwed stainless-steel rod Ø4mm•cleaner length 110mm very absorbent Micro-Fabric•long enough for cleaning the complet piccolo	1 piece 26.--



Flute-Case

		CHF Net Price
S-101082	Altieri C-Foot	1 piece 120.--
S-101058	Altieri Low-B-Foot elegant round form•machined from solid hard-wood•fits most metal flutes Ultra-Suede lining inside	1 piece 120.--



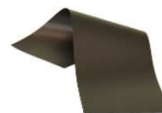
Cork-Grease

		CHF Net Price
S-700103	JLS Lip-Stick-Tube synthetic white grease•content ±4,5gr	1 piece 2.--



Antitarnish-Strips for silver

		CHF Net Price
S-101130	Altieri plastic texture film ±50mm x ±177,8mm non toxic•non abrasive•in a case the protection remains for ± 1 month air-tight sealed in the bag can provide protection for up to 12 month perfect for flute-case	24 Pieces 12.--



Books

		CHF Net Price
S-109022	Servicing the Flute bei J.L. Smith..... 41 pages•115 Illustrationens	1 piece 18.--
S-109023	Servicing the Clarinet by J.L. Smith..... 59 pages•150 Illustrationens	1 piece 18.--



Holding Aids

Flute

CHF
Net Price

69-8630	Thumbport black+grey.....	1 piece 9.50
69-8631	Thumbport blue+white.....	1 piece 9.50
69-8632	Thumbport green+white.....	1 piece 9.50
69-8633	Thumbport pink+white.....	1 piece 9.50
69-8634	Thumbport purple+white.....	1 piece 9.50
69-8635	Thumbport grey+white.....	1 piece 9.50
69-8636	Thumbport copper+grey.....	1 piece 9.50

► **right thumb** • C-Shape plastic-shell • tube-contact-surface non-slip soft plastic
just clip on to tube for installation at around the F-key
more informations ► www.jlsmitheurope.eu ► manuals woodwind ► flute specific

69-8640	Thumbport-2 black+grey.....	1 piece 9.50
69-8641	Thumbport-2 copper+grey.....	1 piece 9.50
69-8642	Thumbport-2 pink+white.....	1 piece 9.50
69-8643	Thumbport-2 olive+white.....	1 piece 9.50

► **right thumb** • C-Shape plastic-shell • tube-contact-surface non-slip soft plastic
more rigid • lower default angle for the thumb • touches the flute tube less
more informations ► www.jlsmitheurope.eu ► manuals woodwind ► flute specific

69-8660	Fingerport black+grey.....	1 piece 9.50
---------	-----------------------------------	--------------

► **left index-finger** • C-Shape plastic-shell • tube-contact-surface non-slip soft plastic
just clip on to tube for installation
more informations ► www.jlsmitheurope.eu ► manuals woodwind ► flute specific



Thumbport



Thumbport-2



Fingerport



Thumbport Piccolo

Piccolo

CHF
Net Price

69-8655	Thumbport black+grey.....	1 piece 9.50
---------	----------------------------------	--------------

► **right thumb** • C-Shape plastic-shell • tube-contact-surface non-slip soft plastic
just clip on to tube for installation
more informations ► www.jlsmitheurope.eu ► manuals woodwind ► flute specific

► Thumbport ◀



black-grey blue-white green-white pink-white purple-white grey-white copper-grey

► Thumbport-2 ◀



grey-white copper-grey pink-white olive-white

Flute Gels

CHF
Net Price

69-8670	Flute-Gels soft Gel-Pads.....	2 pieces 11.--
---------	--------------------------------------	----------------

longlasting • easy to clean • self-adhesive • for left index finger and right thumb
helps to keep you!

