

Woodwind

Parts • Tools



JL Smith
AND COMPANY



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Felt

Sheet Felt in different colors

		CHF Net Price
S-403001	0,8mm●green●100mm x 300mm.....	1 piece 7.--
S-403004	1,6mm●green●100mm x 300mm.....	1 piece 8.--
S-403003	1,6mm●black●100mm x 300mm.....	1 piece 8.--
S-403005	1,6mm●red●100mm x 300mm.....	1 piece 8.--
S-403006	1,6mm●white●100mm x 300mm.....	1 piece 8.--

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

Q-Felt Sheet made of 100% recycled materials

		CHF Net Price
S-403047	Q1 0,3mm●100x300mm●light grey.....	1 piece 19.--
S-403036	Q1 0,5mm●100x300mm●light grey.....	1 piece 20.--
S-403040	Q1 0,8mm●100x300mm●light grey.....	1 piece 20.--
S-403037	Q1 1,0mm●100x300mm●hellgrau.....	1 piece 26.--
S-403039	Q1 1,5mm●100x300mm●hellgrau.....	1 piece 26.--
S-403038	Q1 2,0mm●100x300mm●hellgrau.....	1 piece 28.--
S-403041	Q2 0,5mm●100x300mm●dark grey.....	1 piece 20.--
S-403045	Q2 0,8mm●100x300mm●dark grey.....	1 piece 20.--
S-403042	Q2 1,0mm●100x300mm●dark grey.....	1 piece 26.--
S-403044	Q2 1,5mm●100x300mm●dark grey.....	1 piece 26.--
S-403043	Q2 2,0mm●100x300mm●dark grey.....	1 piece 20.--

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



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

Felt

Saxophone Key-Guard Bumper

		CHF Net Price
S-404001	Ø7,94mm x 6,35mm • green.....	25 pieces 7.--
S-404002	Ø7,94mm x 6,35mm • white.....	25 pieces 7.--
S-404003	Ø7,94mm x 6,35mm • red.....	25 pieces 7.--
S-404004	Ø7,94mm x 6,35mm • black.....	25 pieces 7.--
S-404005	Ø7,94mm x 9,5mm • green.....	25 pieces 7.--
S-404006	Ø7,94mm x 9,5mm • white.....	25 pieces 7.--
S-404007	Ø7,94mm x 9,5mm • red.....	25 pieces 7.--
S-404008	Ø7,94mm x 9,5mm • black.....	25 pieces 7.--
S-404009	Ø9,5mm x 6,35mm • green.....	25 pieces 7.--
S-404010	Ø9,5mm x 6,35mm • white.....	25 pieces 7.--
S-404011	Ø9,5mm x 6,35mm • red.....	25 pieces 7.--
S-404012	Ø9,5mm x 6,35mm • black.....	25 pieces 7.--
S-404013	Ø9,5mm x 7,94mm • green.....	25 pieces 8.--
S-404014	Ø9,5mm x 7,94mm • white.....	25 pieces 8.--
S-404015	Ø9,5mm x 7,94mm • red.....	25 pieces 8.--
S-404016	Ø9,5mm x 7,94mm • black.....	25 pieces 8.--
S-404017	Ø9,5mm x 9,5mm • green.....	25 pieces 8.--
S-404018	Ø9,5mm x 9,5mm • white.....	25 pieces 8.--
S-404019	Ø9,5mm x 9,5mm • red.....	25 pieces 8.--
S-404020	Ø9,5mm x 9,5mm • black.....	25 pieces 8.--



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Sax Bumper-Felt



Saxophone Felt Disk

		CHF Net Price
S-404051	Ø9,5mm • thickness ±1,6mm • green.....	25 pieces 6.--
S-404052	Ø9,5mm • thickness ±1,6mm • white.....	25 pieces 6.--
S-404053	Ø9,5mm • thickness ±1,6mm • red.....	25 pieces 6.--
S-404054	Ø9,5mm • thickness ±1,6mm • black.....	25 pieces 6.--
S-404055	Ø12,7mm • thickness ±1,6mm • green.....	25 pieces 6.--
S-404056	Ø12,7mm • thickness ±1,6mm • white.....	25 pieces 6.--
S-404057	Ø12,7mm • thickness ±1,6mm • red.....	25 pieces 6.--
S-404058	Ø12,7mm • thickness ±1,6mm • black.....	25 pieces 6.--
S-404059	Ø15,9mm • thickness ±1,6mm • green.....	25 pieces 6.--
S-404060	Ø15,9mm • thickness ±1,6mm • white.....	25 pieces 6.--
S-404061	Ø15,9mm • thickness ±1,6mm • red.....	25 pieces 6.--
S-404062	Ø15,9mm • thickness ±1,6mm • black.....	25 pieces 6.--
S-404063	Ø17,5mm • thickness ±1,6mm • green.....	25 pieces 6.--
S-404064	Ø17,5mm • thickness ±1,6mm • white.....	25 pieces 6.--
S-404065	Ø17,5mm • thickness ±1,6mm • red.....	25 pieces 6.--
S-404066	Ø17,5mm • thickness ±1,6mm • black.....	25 pieces 6.--



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Sax Felt-Disc



Natural Cork

		CHF Net Price
X69-0001	Stärke ±0,5mm • 300mm x 100mm.....	1 piece 15.--
X69-0002	Stärke ±0,8mm • 300mm x 100mm.....	1 piece 15.--
X69-0003	Stärke ±1,0mm • 300mm x 100mm.....	1 piece 15.--
X69-0004	Stärke ±1,2mm • 300mm x 100mm.....	1 piece 17.--
X69-0005	Stärke ±1,5mm • 300mm x 100mm.....	1 piece 17.--
X69-00051	Stärke ±1,6mm • 300mm x 100mm.....	1 piece 17.--
X69-0006	Stärke ±2,0mm • 300mm x 100mm.....	1 piece 21.--
X69-0007	Stärke ±2,5mm • 300mm x 100mm.....	1 piece 22.--
X69-0008	Stärke ±3,0mm • 300mm x 100mm.....	1 piece 22.--
X69-0009	Stärke ±3,2mm • 300mm x 100mm.....	1 piece 22.--
X69-0010	Stärke ±3,5mm • 300mm x 100mm.....	1 piece 22.--
X69-0011	Stärke ±4,0mm • 300mm x 100mm.....	1 piece 26.--
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

		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 1.15
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.--



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



Natural Cork

Key-Cork pre-shaped for flute

CHF
Net Price

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



Cork Wedge

CHF
Net Price

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



Synthetic Cork

Cork Sheets

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

 Valentino USA



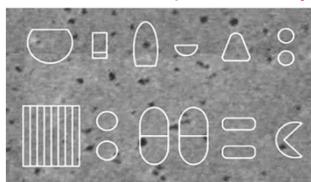
Cork Sheets Adhesive-Back

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

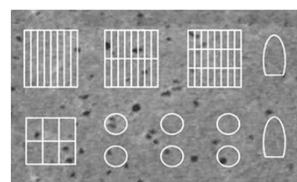
Key-Cork Adhesive-Back

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

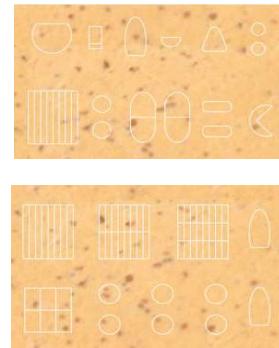
precut shapes•adhesive back for quick and easy placement



700361•700362



700363



Adhesive Remover - Cork Cleaner

		CHF Net Price
S-105085	40ml•citrus-based.....	1 piece 4.--

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 $\pm 113\text{gr}$	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.--
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Plastic-Bottle•replaceable metal needle



Key-Oil Petroleum based

		CHF Net Price
S-119038	JLS 22ml • #4 Thin.....	1 piece 6.--
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

S-119031	JLS 177ml • #18 Universal.....	1 piece 15.--
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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

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

S-700107	Valentino 15ml.....	1 piece 4.--
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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.--



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
S-403033	black thickness 0,4mm • 100mm x 300mm.....	1 piece 7.50



Leather

		CHF Net Price
S-403023	brown thickness ± 0,3mm • 100mm x 300mm.....	1 piece 7.--



Embouchure-Hole Gauge

		CHF Net Price
S-245033	Cooper Gauge.....	1 piece 22.50

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



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

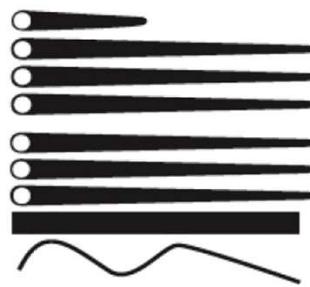


Springs

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 0,51mm•length 125mm.....	1 piece 65.--
S-180027	Ø 0,64mm•length 125mm.....	1 piece 95.--
S-180028	Ø 0,81mm•length 250mm.....	1 piece 160.--



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 7.--
S-452044	Ø 2,184mm•length 457mm.....	2 pieces 7.--
S-452045	Ø 2,083mm•length 457mm.....	2 pieces 7.--
S-452046	Ø 2,057mm•length 457mm.....	2 pieces 7.--
S-452047	Ø 1,994mm•length 457mm.....	2 pieces 7.--
S-452564	Ø 1,984mm•length 457mm.....	2 pieces 7.--
S-452048	Ø 1,930mm•length 457mm.....	2 pieces 7.--
S-452049	Ø 1,854mm•length 457mm.....	2 pieces 7.--
S-452050	Ø 1,778mm•length 457mm.....	2 pieces 7.--
S-452051	Ø 1,702mm•length 457mm.....	2 pieces 7.--
S-452116	Ø 1,588mm•length 457mm.....	2 pieces 7.--



1095er Carbon Toolsteel ($\pm 58\text{--}61$ 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 1,5mm•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.--
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S-115004 Stainless-Steel Ø ±2,36mm•30cm.....	1 piece 4.--
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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



Tenor-Sleeve

	CHF Net Price
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S-165021 Tenon-Sleeve.....	17.50
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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
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S-165030 Hard-Rubber Tone-Hole-Insert.....	1 piece 11.--
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outer Ø±11.07mm•inner Ø±4.39mm

S-165031 Hard-Rubber Tone-Hole-Insert.....	1 piece 11.--
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outer Ø±11.07mm•inner Ø±5,21mm

to repair cracked toneholes•glue in with epoxy



Wood-Powder

	CHF Net Price
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S-900010 real rosewood ±18gr.....	1 piece 8.--
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S-900011 real ebony ±12gr.....	1 piece 8.--
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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 adjustement for flute pad cups•top plier features leather padding and a slightly recessed slot for fitting over the pad cup arm	1 piece 49.--
S-251013	#13 Pad-Cup-Leveling-Plier "open hole"..... allows side-to-side adjustement 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 49.--
S-251014	#14 Flute-Back-Arm-Plier..... allows grasping the key cup arm from behind where it attaches to the cup	1 piece 49.--
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 49.--



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

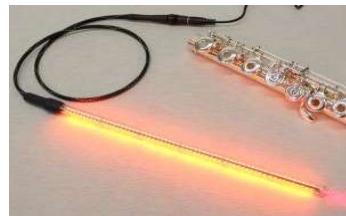


Leak-Light

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



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

S-237100 MAG Leak-Machine..... 1 piece 595.--

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

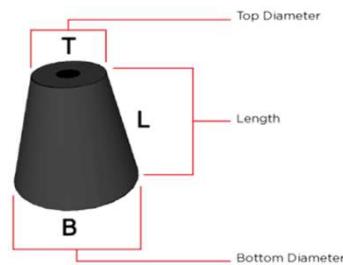


JLS "MAG" Testing-Plug Assortment

		CHF Net Price
S-236003	Clarinet•35 piece set.....	1 Set 37.--
S-236004	Flute•27 piece set.....	1 Set 39.--
S-236005	Oboe•27 piece set.....	1 Set 38.50
S-236006	Piccolo•20 piece set.....	1 Set 25.--
S-236001	complet assortment•92 piece set.....	1 Set 120.--
S-236002	standard assortment•78 pieces set.....	1 Set 77.--

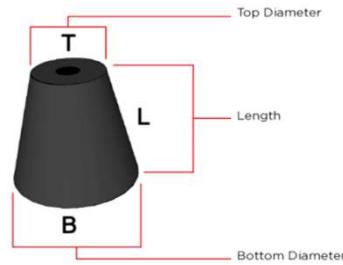
JLS "MAG" EPDM-Plugs with hole

		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 118.--
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



		CHF Net Price
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 befor setting them in the key-cup



		CHF Net Price
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 befor setting them in the key-cup

Key-Tools

JLS Key Pin Punch

S-233047 JLS anodized aluminium..... 1 piece CHF 275.-- Net Price

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

S-800018 JLS Flute Repinning Set..... 1 set CHF 48.-- Net Price

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



JLS Key-Pins

S-168025 Stainless-Steel conical 25mm•Ø 0,5mm►Ø 0,9mm..... 25 pieces CHF 7.-- Net Price



JLS Pinning-Reamer

S-227024 #70 Small•Ø 0,42►0,71mm•length 66mm..... 3.--
S-227025 #60 Large•Ø 0,65►1,07mm•length 79mm..... 3.--

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



JLS Pinning Micro Drill Bit

S-233043 Pinning Micro Drill Bit..... 1 piece CHF 17.-- Net Price



Working the flute key-cup spud

S-254169 JLS Flute Spud Facer..... 1 set CHF 63.-- Net Price

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 CHF 43.-- Net Price

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

S-206078 JLS Key Trapeze..... 1 set CHF 35.-- Net Price

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

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

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

S-700060 **JLS** Stainless-Steel•Foam-Rubber-Grip..... 1 piece 16.-- CHF
Net Price

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

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

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

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

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



Key-Clamps

S-700058 **JLS** Steel-Clamp..... 1 piece 5.-- CHF
Net Price

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

S-700059 **JLS** Elastic-Clamp..... 1 piece 2.-- CHF
Net Price

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



Burnisher round conical

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

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 45.50

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

Bevor 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.--

Handle with Slip-On diamond embeded disc 600grit

Nylon-Pilots for tone-hole●use light oil when grinding



		CHF Net Price
S-227036	Set of 4 Nylon-Pilots.....	Set 10.--

		CHF Net Price
S-227081	Diamond embeded disc 300grit replacement.....	40.--

		CHF Net Price
S-227082	Diamond embeded disc 600grit replacement.....	40.--

		CHF Net Price
S-227083	Diamond embeded disc 1200grit replacement.....	45.--

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

S-201019 JLS Flute-Bench-Peg..... 1 piece 22.-- CHF
Net Price

When mounted to a bench or the Flute-Station, this non-marring plastic peg provides a third hand when performing operations on the body, foot or headjoint



JLS Flute Headjoint Cork Tool Set

S-227023 JLS black Delrin..... 1 set 41.-- CHF
Net Price

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

S-227084 JLS Delrin black..... 1 piece 7.-- CHF
Net Price

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



JLS Flute Tenon Popper

S-242056 JLS Tenon Popper steel..... 1 piece 44.-- CHF
Net Price

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

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

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



Saxophone-Tools

JLS Sax Key Adjusting Lever

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

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

S-242025 JLS Alto-Sax 1 piece 24.--

S-242026 JLS Tenor-Sax 1 piece 24.--

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 reround 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

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

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

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

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

Tool-Set to easily 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 reround



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 workprecisely 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

S-201073 **JLS** Cork and Pad-Cup Scraper..... 1 piece CHF 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

Net Price



Clarinet Suction Tester

S-236112 **JLS** Clarinet Suction-Tester..... 1 piece CHF 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

Net Price



Bench Peg

S-201006 **JLS** Bench-Peg Onyx (3D printed) black..... 1 piece CHF 22.50

Drill a 9,5mm hole in the face of your workbench to mount the bench peg●We do not recommend the Delrin Bench peg for lathe●Great help to work on clarinets or flutes

Net Price



Thumb Rest Drill Pilot

S-239105 **JLS** Thumb Rest Drill Pilot..... 1 piece CHF 20.--

The tool comes complete 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

Net Price



Adjusting Screw Insert Jig

S-201036 **JLS** Adjusting Screw Insert Jig..... 1 set CHF 65.--

S-201035 Replacement Drill..... 1 piece 3.50

S-450005 PTFE (Teflon®) Insert Material Ø1mm x 30cm..... 1 piece 3.--

Net Price

Eliminate the need for silencers under adjusting screw. This 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

S-201003 **JLS** Bench-Block Steel 63x63x25mm..... 1 piece CHF 22.--

Weight 0.8kg●for many uses as spring peening etc.

Net Price



S-201004 **JLS** Bench-Block Steel 100x100x19mm..... 1 piece CHF 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 11.--
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 17.--
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.....	1 piece 22.--	
Plastic-Rod Ø9,8mm●cleaner-length ±225mm●very absorbent Micro-Fabric			
cleans perfectly up to the headjoint corkplate			
S-101098	Altieri "Extension" 38cm●Ø9,8mm●Delrin.....	1 piece 7.50	
Extension für flute-cleaner "Original"●to screw in handle			
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.....	1 piece 26.--	
Delrin-Rod Ø9,7mm with rubber-grip Ø13,8mm●cleaner length 184mm			
novel structure of microfiber-shims for thoroughly cleaning and drying			

Piccolo-Cleaner

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

Flute-Case

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

Cork-Grease

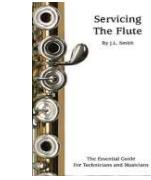
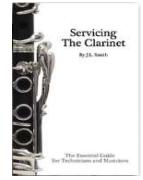
		CHF Net Price	
S-700103	JLS Lip-Stick-Tube	1 piece 2.--	
synthetic white grease●content ±4,5gr			

Antitarnish-Strips for silver

		CHF Net Price	
S-101130	Altieri plastic texture film ±50mm x ±177,8mm.....	24 Pieces 12.--	

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

Books

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

Holding Aids

Flute

		CHF Net Price
69-8630	Thumbport black-grey.....	1 piece 10.--
69-8631	Thumbport blue-white.....	1 piece 10.--
69-8632	Thumbport green-white.....	1 piece 10.--
69-8633	Thumbport pink-white.....	1 piece 10.--
69-8634	Thumbport purple-white.....	1 piece 10.--
69-8635	Thumbport grey-white.....	1 piece 10.--
69-8636	Thumbport grey-yellow.....	1 piece 10.--

►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.jlsmiteurope.eu►manuals woodwind►flute specific



69-8640	Thumbport-2 black-grey.....	1 piece 10.--
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►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.jlsmiteurope.eu►manuals woodwind►flute specific



69-8660	Fingerport black-grey.....	1 piece 10.--
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►left index-finger●C-Shape plastic-shell●tube-contact-surface non-slip soft plastic

just clip on to tube for installation

more informations►www.jlsmiteurope.eu►manuals woodwind►flute specific

Thumbport-2



Fingerport

69-8655	Thumbport black-grey.....	1 piece 10.--
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►right thumb●C-Shape plastic-shell●tube-contact-surface non-slip soft plastic

just clip on to tube for installation

more informations►www.jlsmiteurope.eu►manuals woodwind►flute specific



black-grey

blue-white

green-white

pink-white

purple-white



grey-white



yellow-grey

Flute Gels

69-8670	Flute-Gels soft Gel-Pads.....	2 pieces 11.--
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longlasting●easy to clean●self-adhesive●for left index finger and right thumb

helps to keep yo

