

Schaller

electronic

60 YEARS

THE SOUND OF  
HIGH QUALITY



**MACHINE HEADS**


**BRIDGES, TREMOLOS & NUTS**

**PICKUPS & ACCESSORIES**

**VIOLIN ACCESSORIES**

**ASD CABLES**





**60 YEARS**  
**THE SOUND OF**  
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# About Ourselves



*Manual skills and state-of-the-art manufacturing techniques are essential for meeting the high requirements which our customers and we, ourselves, make on our products. All individual components are machined in-house, from zinc diecasting and lathe turnery to precious-metal surface treatment. Delicate assembly is in the hands of a regular team of qualified experts. Whether it is craftsmanship or mechanical high-tech – Schaller stands for high quality to smallest detail.*

*Schaller has been serving the classical and modern music world for more than 60 years. In recent years the product portfolio has increasingly focused on the field of string instrument hardware, away from orchestra electronics.*

*Our products are used by industrial manufacturers as well as by traditional instrument makers worldwide. Last but not least it is the musicians who optimize and refine their instruments with Schaller components.*

*Our quality standards require experience, commitment and team spirit within our own ranks, and a continuous exchange of ideas with manufacturers and end users.*

*Combining proprietary innovations with a clear focus on the needs and expectations of customers has always been part of our tradition. Many of our products are protected by Schaller patents.*





# Machine Heads



**GUITAR MACHINE HEADS**

**CLASSICAL MACHINE HEADS**

**BASS MACHINE HEADS**

**BANJO MACHINE HEADS**

**MANDOLIN MACHINE HEADS**

**UKULELE MACHINE HEADS**

# Guitar Machine Heads

All our products will be supplied always with the fastening elements, belonging to them.

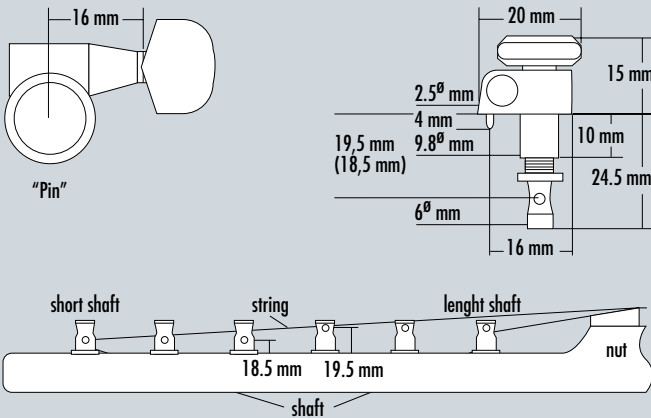
## M6 Locking Machine Heads



The machine head works much like a top locking machine, except that the string is locked from the bottom. For the 6 in line models, the shafts are staggered.

Gear ratio 1:16

Ref.No.		Finish	Button	
2000	6 in line	Chrome	1	4/6*
2010	6 in line	Gold	1	4/6*
2020	6 in line	Black-chrome	1	6*
2005	6 in line	Nickel	1	4/6*
2900	3/3	Chrome	2	5/7*
2910	3/3	Gold	2	5/7*
2920	3/3	Black-chrome	2	5*
2905	3/3	Nickel	2	5/7



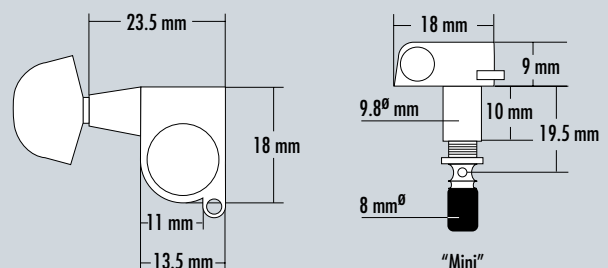
## M6 Locking Machine Heads, Top Mount

The ideal combination with a Non-Locking Tremolo. This patented machine head prevents the string from winding off from the string shaft when the Tremolo is used. Gear ratio 1:12

Combined design like "Series 2000". Additional as "Mini" design available. Gear ratio 1:14



Ref.No.		Finish	Button	
7504	6 in line	Chrome	1	4/6*
7505	6 in line	Gold	1	4/6*
71504	6 in line	Black-chrome	1	6*
7502	3/3	Chrome	2	5/7*
7503	3/3	Gold	2	5/7*
71502	3/3	Black-chrome	2	5*



\* Recommended button combinations, selection and ordering see page 8.



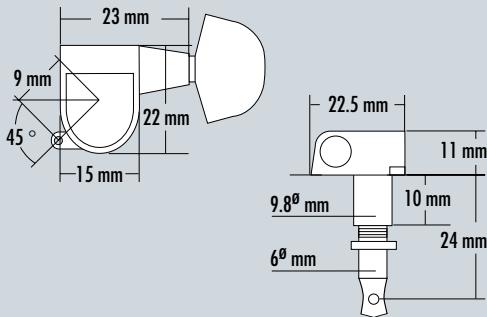
## M6

M6 Top of the Line Series. Hand-polished, manufactured to the highest quality standards, used on over one million instruments. Gear ratio: 1:12

Model	Ref.No.		Finish	Button	
M6	502	3/3	Chrome	2	5/7/9*
M6L	504	6 in line	Chrome	1	4/6/8*
M6G	503	3/3	Gold	2	5/7/9*
M6GL	505	6 in line	Gold	1	4/6/8*

M6A The only difference to the regular M6 is its machine-polished housing. Gear ratio: 1:12

Model	Ref.No.		Finish	Button	
M6A	502a	3/3	Chrome	2	5/7/9*
M6LA	504a	6 in line	Chrome	1	4/6/8*
M6GA	503a	3/3	Gold	2	5/7/9*
M6GLA	505a	6 in line	Gold	1	4/6/8*
M6B	1502	3/3	Black-chrome	2	5/9
M6BL	1504	6 in line	Black-chrome	1	4/8*



## M6 Mini Series

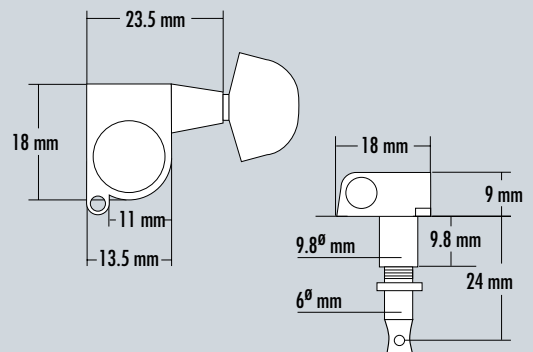
Lighter and smaller machines, designed for Stratocasters and 12-string guitars. Gear ratio 1:14

Model	Ref.No.		Finish	Button	
M6 Mini	506	3/3	Chrome	1	4/5/8*
M6G Mini	507	3/3	Gold	1	4/5/8*
M6L Mini	508	6 in line	Chrome	1	4/5/8*
M6GL Mini	509	6 in line	Gold	1	4/5/8*
M12 Mini	510	6/6	Chrome	1	4/6/8*
M12G Mini	512	6/6	Gold	1	4/6/8*



M6 Mini A Series. Machine polished housings. Gear ratio: 1:14

Model	Ref.No.		Finish	Button	
M6 MiniA	506A	3/3	Chrome	1	4/5/8*
M6G MiniA	507A	3/3	Gold	1	4/5/8*
M6L MiniA	508A	6 in line	Chrome	1	4/5/8*
M6GL MiniA	509A	6 in line	Gold	1	4/5/8*
M6B Mini	1506	3/3	Black	1	4/5/8*
M6BL Mini	1508	6 in line	Black	1	4/5/8*
M12 MiniA	510A	6/6	Chrome	1	4/6/8*
M12G MiniA	512A	6/6	Gold	1	4/6/8*



\* Recommended button combinations, selection and ordering, see page 8.

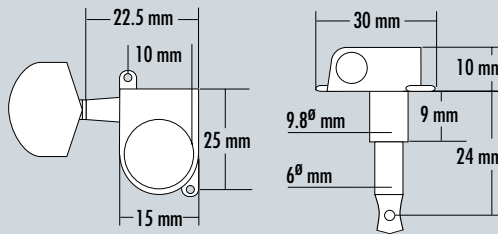


## M6 Light Nylon

Gear ratio: 1:14

Model	Ref.No.		Finish	Button	
M6N	514	3/3	Nylon	2	5*
M6NL	518	6 in line	Nylon	1	4*
M12N	516	6/6	Nylon	2	4*

\* Recommended button combinations, selection and ordering, see below.



## Finish Options & Button Combinations

Our complete hardware programme can also be finished to Matt Chrome and Matt Gold surfaces.

All M6 machines can be individually combined with any of the buttons below, except #3. Buttons #6 and #7 are also available in plastic versions.

Standard combinations are as given in the tables.



Model M6G with standard large Ebony button = Ref.No. 503/7



Model M6 mini with knurled button Ref.No. 506/10

<b>1</b> Small Metal Button	<b>3</b> Small Amber coloured Button		
<b>2</b> Standard Metal Button	<b>4</b> Small Acrylic Button	<b>6</b> Small Ebony Button	<b>8</b> Small Crank Button
	<b>5</b> Standard Acrylic Button	<b>7</b> Standard Ebony Button	<b>9</b> Standard Crank Button
			<b>10</b> Knurled Button





## M6 Vintage

This machine represents a perfect combination of the Vintage look with Schaller quality.

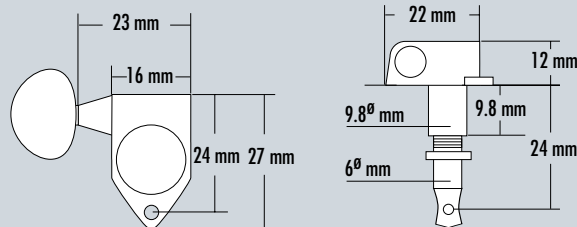
Gear ratio 1:16

Model	Ref.No.		Finish
M6 Vintage	5620	3/3	Nickel
M6 Vintage	5640	6 in line	Nickel
M6 Vintage	5621	3/3	Chrome
M6 Vintage	5641	6 in line	Chrome
M6 Vintage	15621	3/3	Black
M6 Vintage	15641	6 in line	Black
M6 Vintage	5622	3/3	Gold
M6 Vintage	5642	6 in line	Gold



For ordering machines with a "stepped" button, please indicate "/S" behind the Ref.No.

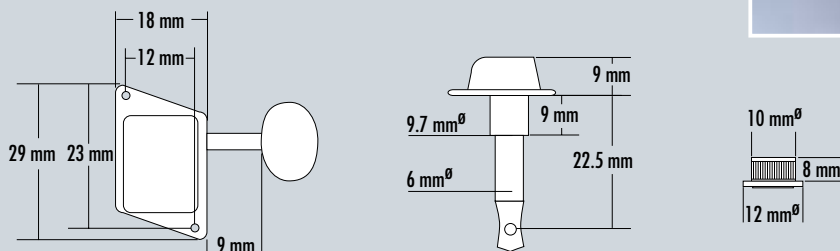
Example: 5620/S



## ST6

These machines were especially developed as a replacement for old style Kluson machines. With thrust bearing. Gear ratio 1:14

Model	Ref.No.		Finish
ST6	500	3/3	Nickel
ST6L	501	6 in line	Nickel

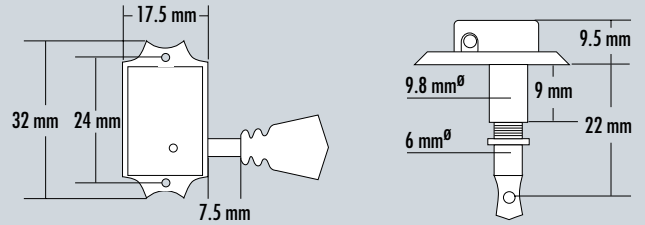




## ST6K

This machine has a green pearlescent Key Stone button. Gear ratio: 1:16

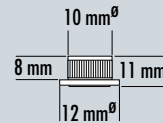
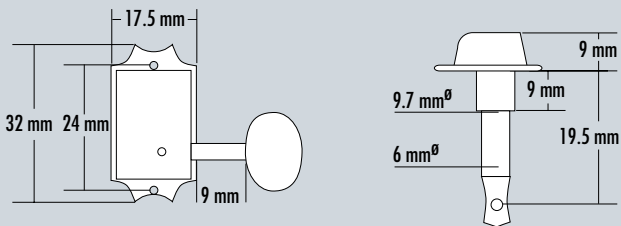
Model	Ref.No.		Finish
ST6K	520	3/3	Nickel
ST6KG	521	3/3	Gold



## ST6B

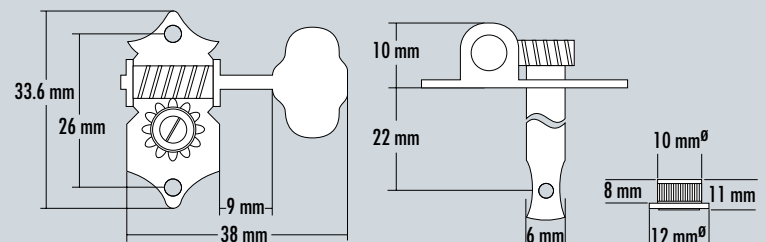
With thrust bearing. Gear ratio 1:16

Model	Ref.No.		Finish
ST6B	5203S	3/3	Nickel
ST6BG	5213S	3/3	Gold



## ST6-VINTAGE

Model	Ref.No.		Finish
ST6-V	5000-V	3/3	Nickel
ST6C-V	5001-V	3/3	Chrome
ST6G-V	5002-V	3/3	Gold
ST6B-V	5003-V	3/3	Black



# Classical Machine Heads

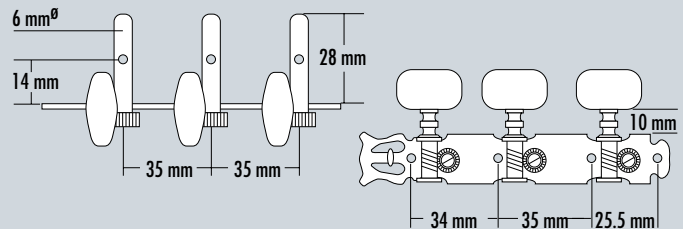
These classical machine heads use the same patented system proven in thousands of bass machine applications, while maintaining the centuries-old familiar look and standard dimensions.



Lyra and Hauser: Gear ratio 1:16

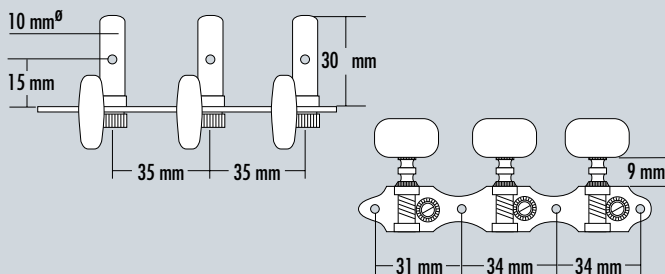
## Lyra

Model	Ref.No.	Finish	Button
LN11	550	Nickel	Acrylic
LG1	553	Gold	Acrylic



## Hauser

Model	Ref.No.	Finish	Button
HNI1	560	Nickel	Acrylic
HG1	563	Gold	Acrylic



## Shafts

With classical and mandolin machines, the type of shaft is indicated by a number.

Example: MNI3 = Mandolin machine in Nickel finish with a Gibson shaft.

Shafts 2 and 3 are supported by thrust bearings.



- 1 = Nylon shaft
- 2 = Emberger shaft
- 3 = Gibson shaft



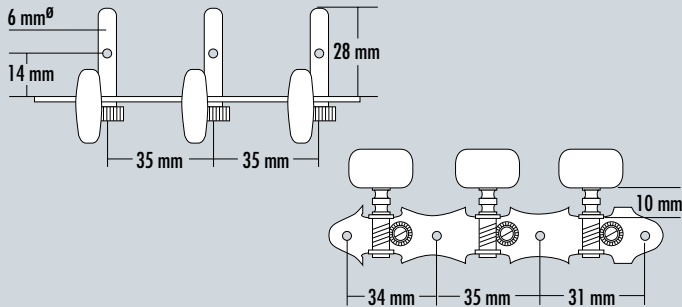
## Classical Standard Series

### Lyra

Model	Ref.No.	Finish
LSNI1	5501S	Nickel
LSMS1	5511S	Brass-plated

### Hauser

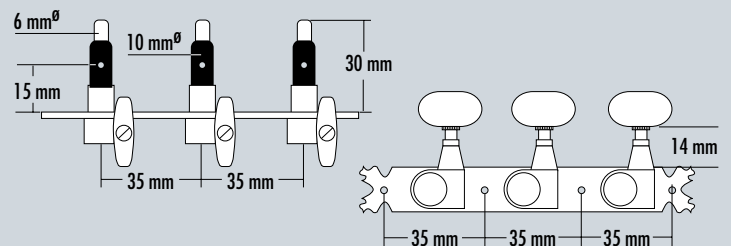
Model	Ref.No.	Finish
HSNI1	5601S	Nickel
HSMS1	5611S	Brass-plated



## MK Series

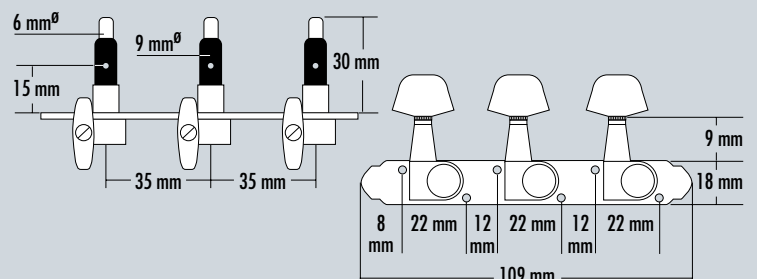
This machine was developed from our proven M6 Series, specially modified for classical and Western guitars. Gear ratio: 1:12

Model	Ref.No.	Finish	Button
MK	540	Chrome	Acrylic
MKG	541	Gold	Acrylic



Gear ratio: 1:14

Model	Ref.No.	Finish	Button
MK Mini	542	Chrome	Acrylic
MKG Mini	543	Gold	Acrylic



The buttons on page 8 are available for the MK series.

# Bass Machine Heads

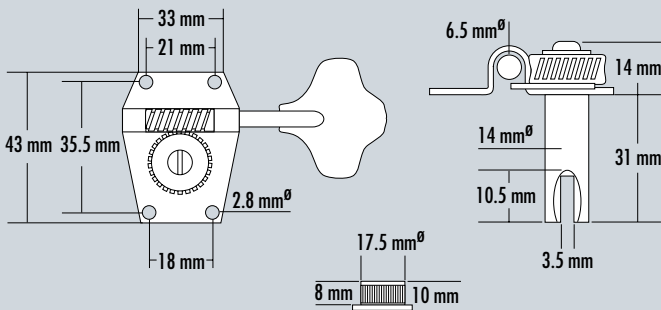


## BM Series

The Schaller-patented bass machine series features a traditional Vintage look but works with the same precision as all of our guitar and bass machines. With thrust bearing.

Gear ratio 1:20.

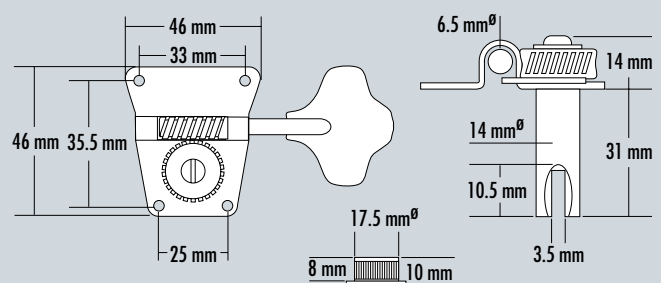
Model	Ref.No.		Finish
BM	535	2/2	Nickel
BMC	527	2/2	Chrome
BMG	524	2/2	Gold
BML	534	4 in line	Nickel
BMLC	528	4 in line	Chrome
BMLG	526	4 in line	Gold
BM5	570	3/2	Nickel
BM5C	571	3/2	Chrome
BM5G	572	3/2	Gold
BMB	1527	2/2	Black-chrome
BMLB	1528	4 in line	Black-chrome
BM5B	1570	3/2	Black-chrome



## BMFL Series

With a longer button and a larger shaft than the BM Series, these machine heads have been designed as exact replacements for old-style Kluson machines on jazz and percussion bass instruments. With thrust bearing. Gear ratio 1:20

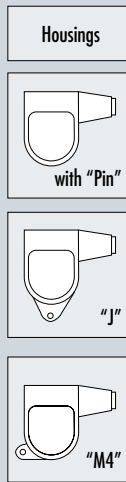
Model	Ref.No.		Finish
BMFL	545	4 in line	Nickel
BMFLC	547	4 in line	Chrome
BMFLG	549	4 in line	Gold
BMFLB	1547	4 in line	Black-chrome
BM5F	5455	3/2	Nickel
BM5FC	5475	3/2	Chrome
BM5FG	5495	3/2	Gold
BM5FB1	15475	3/2	Black-chrome







## M4 2000

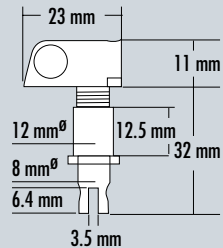
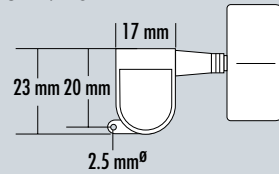


The M4 2000 has been developed to meet the same quality standards as our M6 Series. In function and size between the proven M4 and the open BM Series, it complements the bass machines range with optimized weight.

For 5-string bass instruments, please add "5" to the Ref.No. Example: 43045 = 3 left / 2 right

The M4 2000 Series can also be equipped with the standard M4 button.

Gear ratio 1:20



### Hand-polished

Ref.No.	Model	Finish
5304	M4 Type 2000 machine	Polished-nickel
53040	Ditto 4 left	
5304-I	M4 Type 2000 machine	Industry, polished-nickel
53040-I	Ditto 4 left	
5304-P	M4 Type 2000 machine	PIN, polished-nickel
53040-P	Ditto 4 left	

5324	M4 Type 2000 machine	Polished-chrome
53240	Ditto 4 left	
5324-I	M4 Type 2000 machine	Industry, polished-chrome
53240-I	Ditto 4 left	
5324-P	M4 Type 2000 machine	PIN, polished-chrome
53240-P	Ditto 4 left	

15324	M4 Type 2000 machine	Black-chrome
153240	Ditto 4 left	
15324-I	M4 Type 2000 machine	Industry, black-chrome
153240-I	Ditto 4 left	
15324-P	M4 Type 2000 machine	PIN, black-chrome
153240-P	Ditto 4 left	

5334	M4 Type 2000 machine	Polished-gold
53340	Ditto 4 left	
5334-I	M4 Type 2000 machine	Industry, polished-gold
53340-I	Ditto 4 left	
5334-P	M4 Type 2000 machine	PIN, polished-gold
53340-P	Ditto 4 left	

### Machine polished

Ref.No.	Model	Finish
5304a	M4 Type 2000 machine	Machine polished-nickel
53040a	Ditto 4 left	
5304a-I	M4 Type 2000 machine	Industry, machine polished-nickel
53040a-I	Ditto 4 left	
5304a-P	M4 Type 2000 machine	PIN, machine polished-nickel
53040a-P	Ditto 4 left	

5324a	M4 Type 2000 machine	Machine polished-chrome
53240a	Ditto 4 left	
5324a-I	M4 Type 2000 machine	Industry, machine polished-chrome
53240a-I	Ditto 4 left	
5324a-P	M4 Type 2000 machine	PIN, machine polished-chrome
53240a-P	Ditto 4 left	

53244	M4 Type 2000 machine	Satin-chrome
532440	Ditto 4 left	
53244-I	M4 Type 2000 machine	Industry, satin-chrome
532440-I	Ditto 4 left	
53244-P	M4 Type 2000 machine	PIN, satin-chrome
532440-P	Ditto 4 left	

5334a	M4 Type 2000 machine	Machine polished-gold
53340a	Ditto 4 left	
5334a-I	M4 Type 2000 machine	Industry, machine polished-gold
53340a-I	Ditto 4 left	
5334a-P	M4 Type 2000 machine	PIN, machine polished-gold
53340a-P	Ditto 4 left	



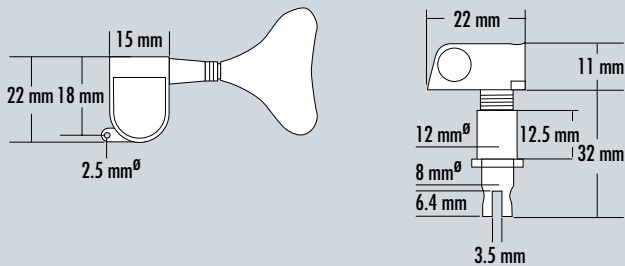
## M4 Series

These machine heads are based on our M6 Series proven in millions of applications.  
Gear ratio: 1:12

Model	Ref.No.		Finish
M4	532	2/2	Chrome
M4L	530	4 in line	Chrome
M4G	533	2/2	Gold
M4LG	531	4 in line	Gold

M4 A Series, machine polished. Gear ratio 1:12

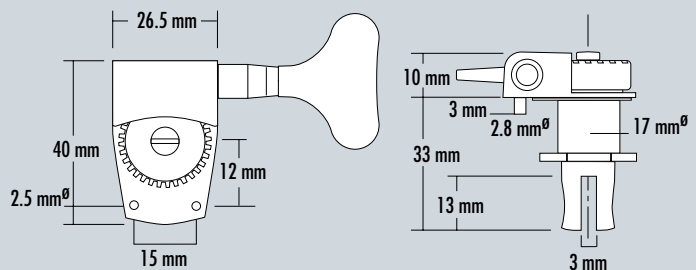
Model	Ref.No.		Finish
M4a	532a	2/2	Chrome
M4La	530a	4 in line	Chrome
M4Ga	533a	2/2	Gold
M4LGa	531	4 in line	Gold
M4B	1532	2/2	Black-chrome
M4Lb	1530	4 in line	Black-chrome
M5a	660	3/2	Chrome
M5Ga	661	3/2	Gold
M5B	1660	3/2	Black-chrome



## M4S Series

A half open machine head featuring oversize gear wheels, heavy-duty shafts, and large cast buttons for a comfortable feel. Gear ratio 1:22

Model	Ref.No.		Finish
M4S	538	2/2	Chrome
M4SG	539	2/2	Gold
M4SL	536	4 in line	Chrome
M4SLG	537	4 in line	Gold
M4SB	1538	2/2	Black-chrome
M4SLB	1536	4 in line	Black-chrome

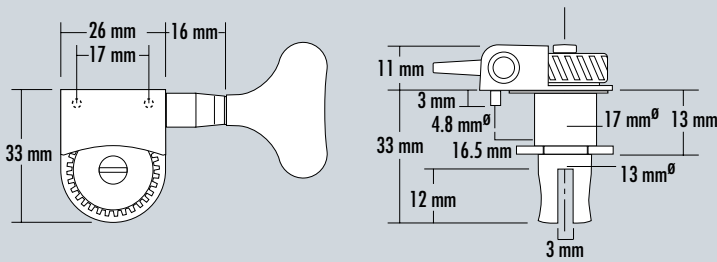




## BM Light

The use of boron and aluminum has resulted in weight savings without compromising durability and precision. Gear ratio 1:22

Model	Ref.No.		Finish
BM Light	5365	left	Chrome
BM Light	5385	2/2	Chrome
BM Light	53855	3/2	Chrome
BM Light	5396	left	Gold
BM Light	5395	2/2	Gold
BM Light	53955	3/2	Gold
BM Light	15365	left	Black
BM Light	15385	2/2	Black
BM Light	153855	3/2	Black



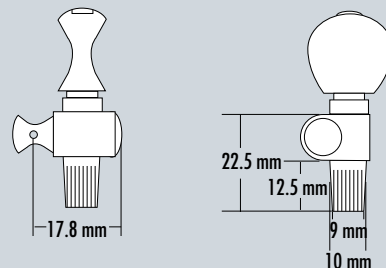
## Banjo, Mandolin & Ukulele Machine Heads

### B5

A self-locking banjo machine, mounted on the side of the neck.

Gear ratio: 1:8

Model	Ref.No.	Finish
B5	603	Nickel
B5C	604	Chrome
B5G	605	Gold
B5GH	606	Gold hand-engraved
B5-1NI	640	Nickel
B5-1C	641	Chrome
B5-1G (Gibson-Style)	642	Gold

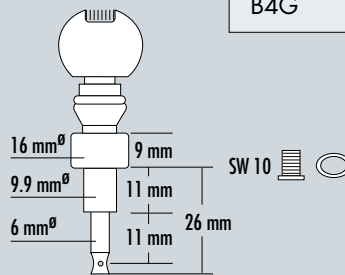




## B4 Series

5-wheel planetary gear with button-integrated lock. Gear ratio 1:4

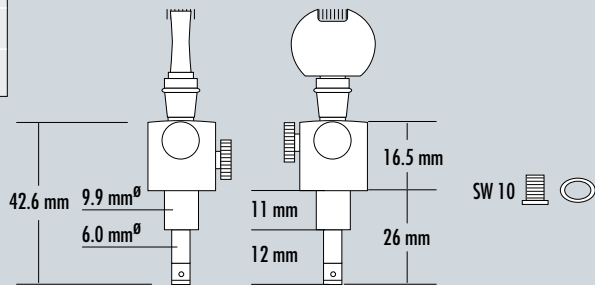
Model	Ref.No.	Finish
B4	600	Nickel
B4C	601	Chrome
B4G	602	Gold



## B4 Adjustable

Banjo machine with shaft adjustment wheel for changing pitch when playing. Gear ratio 1:4

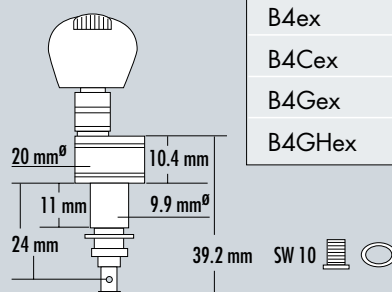
Model	Ref.No.	Finish
B4V	610	Nickel
B4CV	611	Chrome
B4GV	612	Gold
B4GHV	613	Gold, hand-engraved



## B4 Excenter

Gear ratio: 1:3,5

Model	Ref.No.	Finish
B4ex	614	Nickel
B4Cex	615	Chrome
B4Gex	616	Gold
B4GHex	617	Gold, hand-engraved



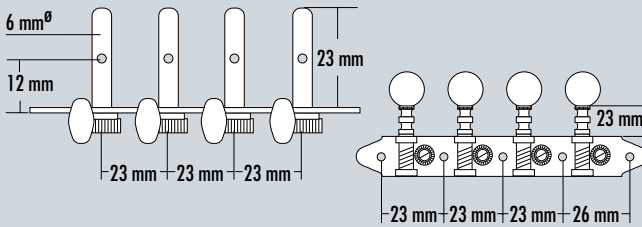


## Mandolin Machine Heads

Design based on the same patented system and "line art" engraved baseplate style found on the Hauser and Lyra classical machines.

Gear ratio 1:16

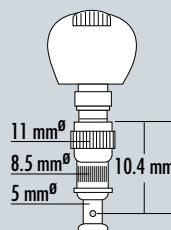
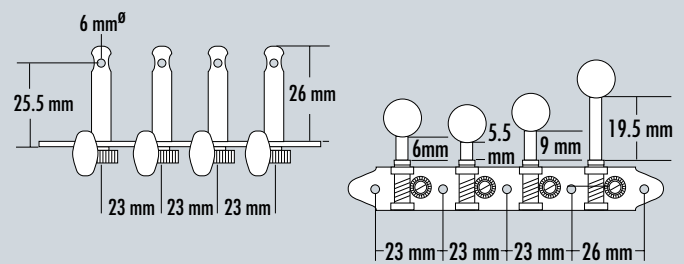
Model	Ref.No.	Shaft	Finish
MNI2	591	2	Nickel
MG2	594	2	Gold
MNI3	592	3	Nickel
MG3	595	3	Gold



## Mandolin Machine Heads

These machine heads are modern replicas of the old-style machines used by Gibson, in four different shaft lengths. They are also available with reversed gears. Gear ratio 1:16

Model	Ref.No.	Shaft	Finish
MNI4	593	3	Nickel
MG4	598	3	Gold
MGP4	597	3	Gold with button in genuine mother of pearl



## Ukulele Machine Heads

Model	Ref.No.	Button	Finish
UNP	620	Plastic	Nickel
UCA	622	Acrylic	Chrome



# Bridges, Tremolos & Nuts



**GUITAR BRIDGES**

**TREMOLOS & NUTS**

**TREMSTOP**

**SCREWS**

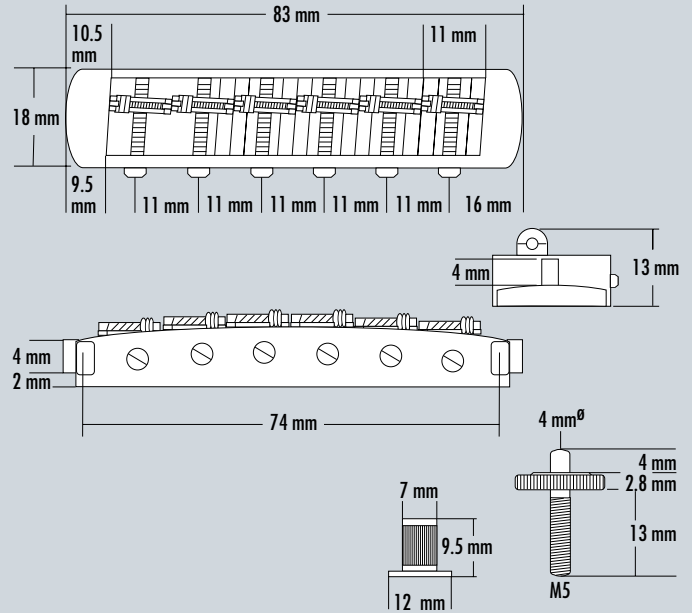
**BASS BRIDGES**

# Guitar Bridges



## STM – Bridges and Tailpieces

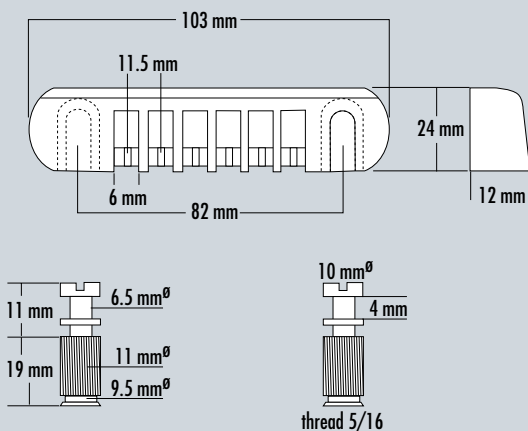
Replacement Bridge for all Les Paul type guitars. The design of this bridge allows a 3-dimensional adjustment – of height and intonation as well as string spacing.



Model	Ref.No.	Finish
STM	451	Nickel
STM	452	Chrome
STM	453	Gold
STM	1452	Black-chrome

## Tailpiece

Tailpiece, especially designed for our STM and GTM bridges.

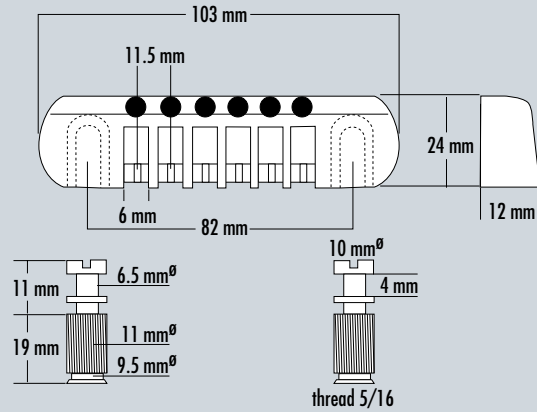


Model	Ref.No.	Finish
SH	490	Nickel
SH	491	Chrome
SH	492	Gold
SH	1491	Black-chrome



## Fine-tuning Tailpiece

Fine-tuning version of the SH tailpiece.

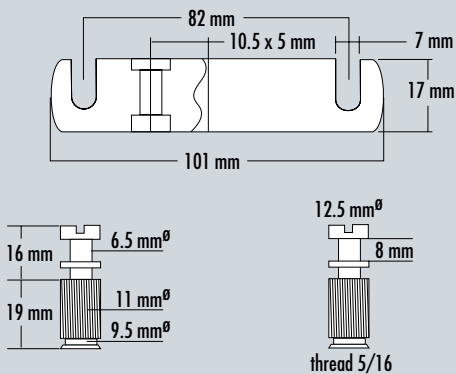


Model	Ref.No.	Finish
FS	493	Nickel
FS	494	Chrome
FS	495	Gold
FS	1494	Black-chrome

## Stop Tailpiece

Tailpiece for bridges (GTM).

Ref.No.	Finish
49060	Nickel
49061	Chrome
49062	Gold
149061	Black-chrome

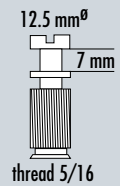
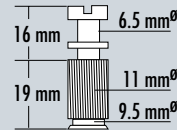
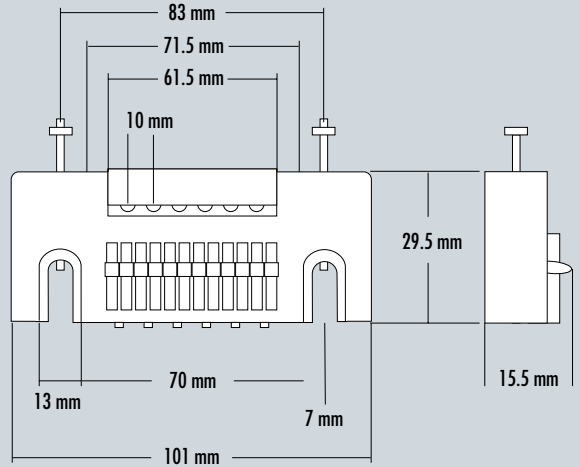




## 455 Bridge

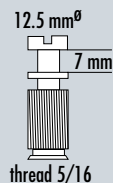
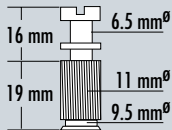
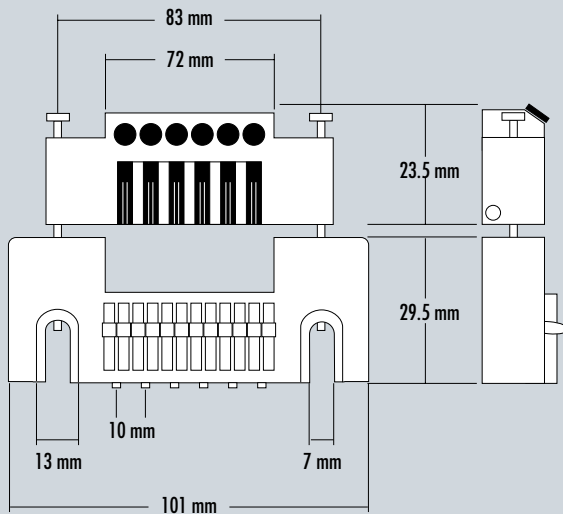
Bridge/tailpiece combination. The bridge allows intonation adjustment for every individual string.

Ref.No.	Finish
455	Chrome
457	Gold
1455	Black-chrome



## 456 Bridge

These bridges feature a special fine tuning tailpiece section that allows for fine tuning of each string. Comes with all necessary mounting hardware.



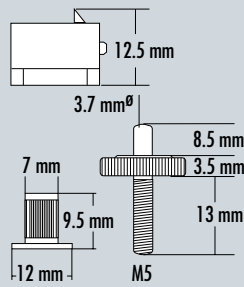
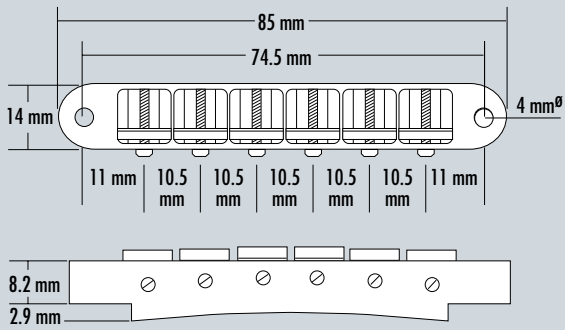
Ref.No.	Finish
456	Chrome
458	Gold
1456	Black-chrome



## GTM

The original, built by Schaller for decades, now also available for individual users.

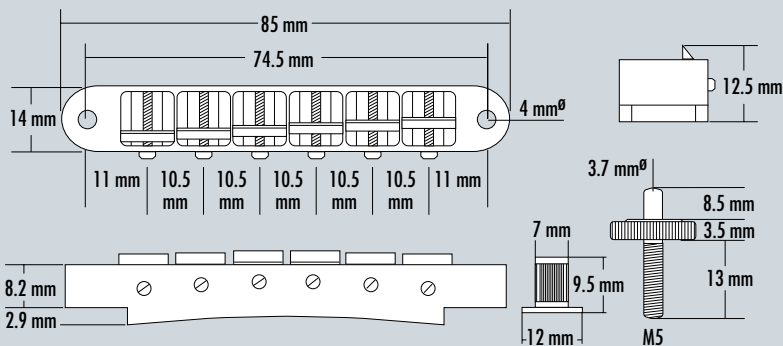
Ref.No.	Finish
45060	Nickel
45061	Chrome
45062	Gold
145060	Black-chrome
45065	Satine-chrome



## GTM-P

The original, but with individual Piezo pickups.

Ref.No.	Finish
45060P	Nickel
45061P	Chrome
45062P	Gold
145061P	Black-chrome
65065P	Satine-chrome







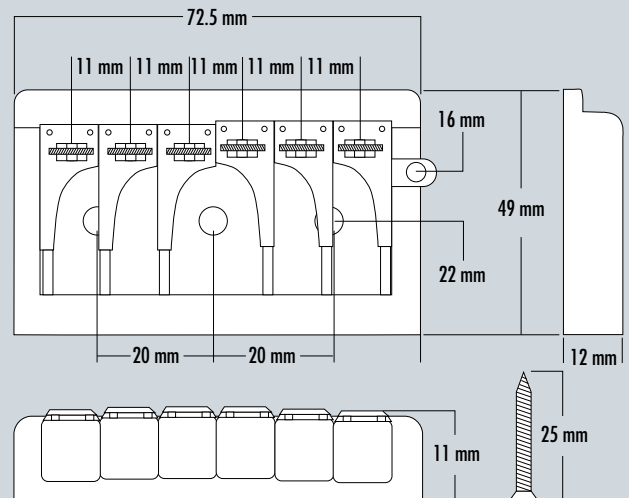
## 3-D6

This patented bridge is designed for 3-way adjustment of height, intonation and string spacing, as well as individual string height adjustment. Complete with all mounting hardware plus one spacer for additional height adjustment.

Model	Ref.No.	Finish
3-D6	475	Chrome
3-D6	476	Gold
3-D6	1475	Black-chrome

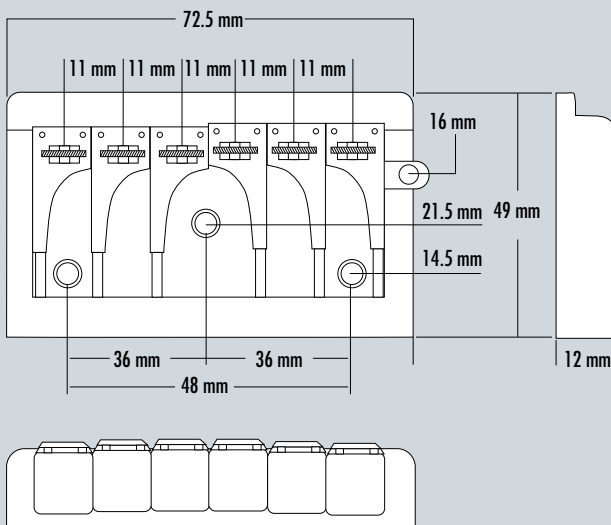
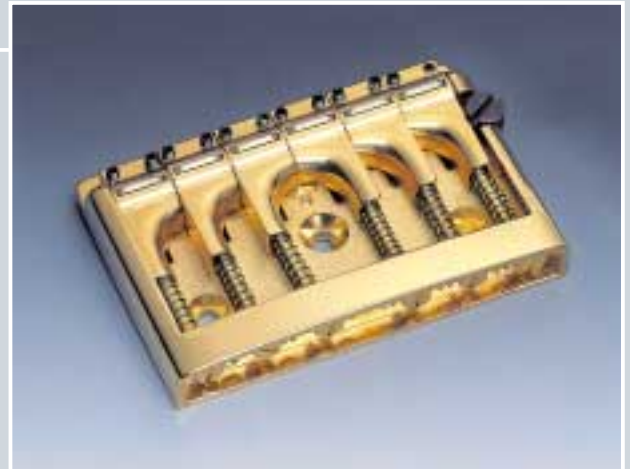
Single spacers for 3-D6 bridges.

Ref.No.	Height	Finish
484	3 mm	Chrome
485	4 mm	Chrome
486	3 mm	Gold
487	4 mm	Gold
1484	3 mm	Black-chrome
1485	4 mm	Black-chrome



## 3-D6P

Six single Piezo pickups are built into the 3-D6 bridge. This allows users to pick up the signal of every string individually, either in combination with regular pickups or with a midi device.



Model	Ref.No.	Finish
3-D6P	4751	Chrome
3-D6P	4761	Gold
3-D6P	14751	Black-chrome

# Tremolo Systems



Our tremolo systems are supplied complete with nut, saddle, springs, and all mounting hardware. When ordering, please indicate the required nut type.

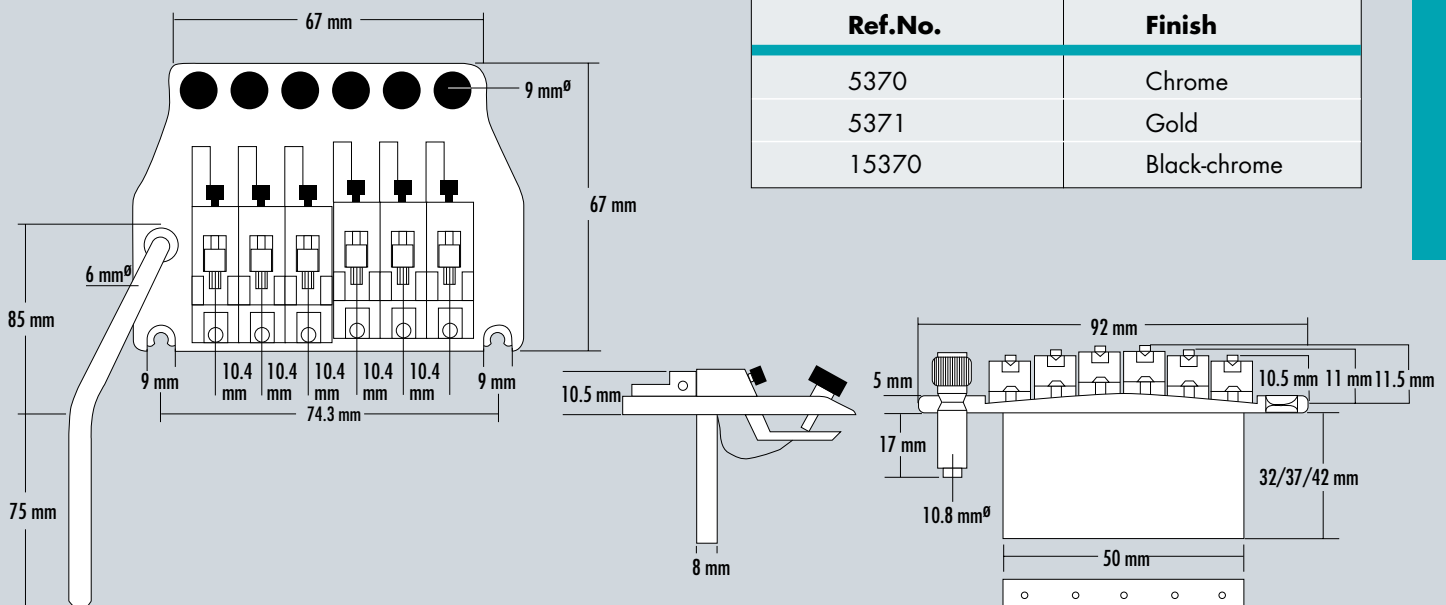
Example:

Tremolo in Chrome with nut #2 = 370/2

## Low Profile Tremolos - licensed under Floyd Rose

These low-profile tremolos are based on a new development by Floyd Rose which permits a more recessed integration of the bridge in the body.

Ref.No.	Finish
5370	Chrome
5371	Gold
15370	Black-chrome

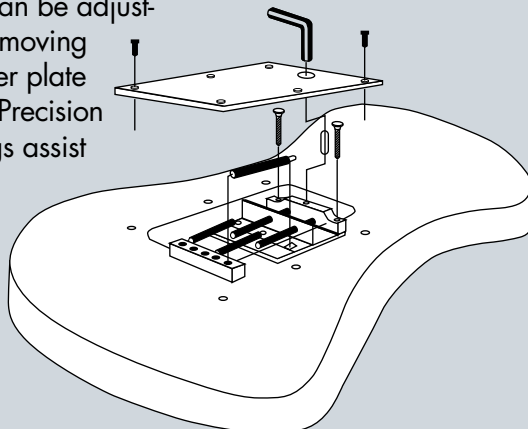


## Sure Claw

Designed for guitarists who use a Floyd Rose type or other tremolo system with sustain block.

The Sure Claw helps to maintain proper spring tension under demanding conditions.

The tension can be adjusted without removing the back cover plate of the guitar. Precision gear windings assist in achieving the exact desired spring tension.



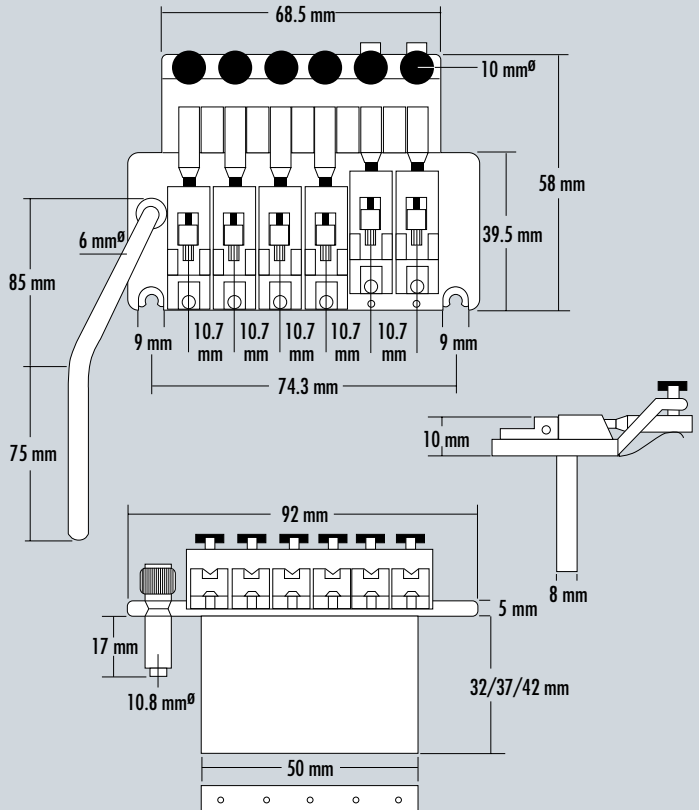
Ref.No.
377



## “Floyd Rose” Tremolo

The experience of building the majority of the original Floyd Rose Tremolos helped us to develop our own Tremolo System. Hardened knife edges and saddles made out of hardened steel guarantee an extremely long sustain.

Ref.No.	Finish
370	Chrome
371	Gold
1370	Black



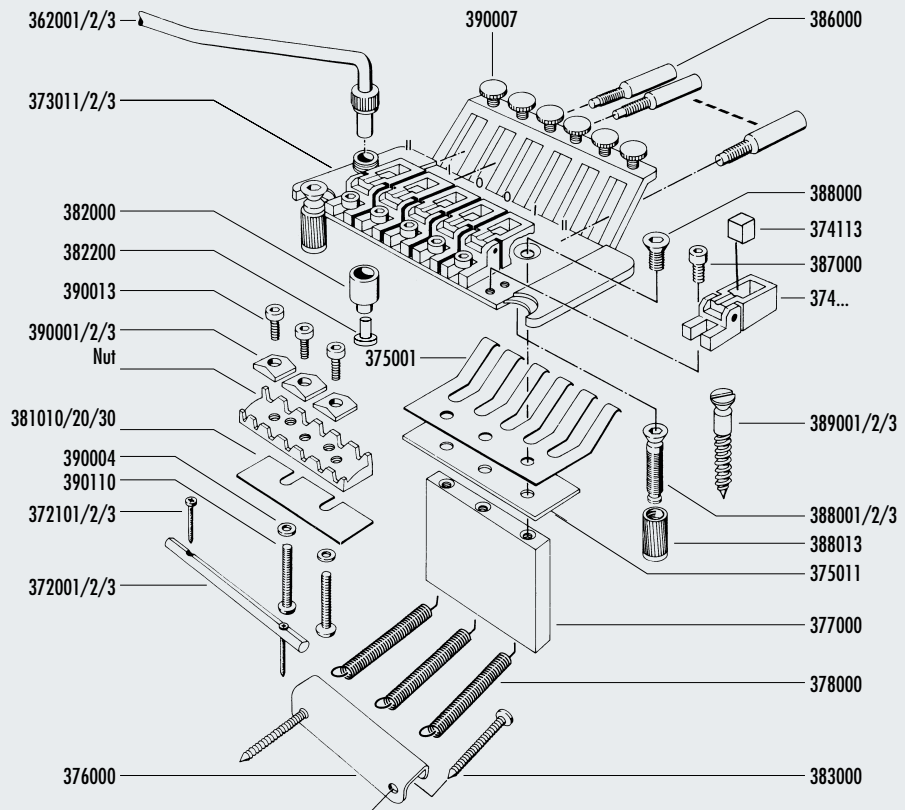
## Nuts – The Original Floyd Rose Locking Nut

Black Chrome Ref.No.	Chrome Ref.No.	Gold Ref.No.	Width/mm	
1381	381	391	39.5	Gibson Flying “V”, SG Series
1382	382	392	41.28	Old Strat, Pacers
1383	383	393	42.86	Les Paul, narrow string spacing
1384	384	394	42.86	B.C. Rich, Les Paul, wide string spacing
1385	385	395	44.55	Boogie Body, Charvel
1386	386	396	39.69	Bullet, New Strat
1387	387	397	41.28	Bullet, Ibanez

Part No.	Description	Color
362001cpl.	Tremolo arm	Chrome
362002cpl.	Tremolo arm	Gold
362003cpl.	Tremolo arm	Black
373011	Baseplate	Chrome
373012	Baseplate	Gold
373013	Baseplate	Black
390007	Finetuning screws	
386000	String lock screws	
387000	Saddle mounting screw	
374113	String lock insert	
389001	Pivot screw	Chrome
389002	Pivot screw	Gold
389003	Pivot screw	Black
388001	Pivot stud	Chrome
388002	Pivot stud	Gold
388003	Pivot stud	Black
388013	Insert	
375001	Bronze spring	
375011	Shim	
377000	Sustain block	
378000	Tremolo spring	
376000	Spring claw	
383000	Wood screw	
372001	String retainer	Chrome
372002	String retainer	Gold
372003	String retainer	Black
372101	Wood screw	Chrome
372102	Wood screw	Gold
372103	Wood screw	Black
390110	Neck screw	
390004	Washer	
381010	Shim 0.10 mm	
381020	Shim 0.20 mm	
381030	Shim 0.30 mm	
390001	Nut cap	Chrome
390002	Nut cap	Gold
390003	Nut cap	Black
390013	Nut screw	
382000	Hasp socket	Black
382200	Hasp socket screw	Black



## "Floyd Rose" Tremolo



NUT		
Part No.	Description	Color
381	Nut R1 - 39.69 mm	
382	Nut R2 - 41.28 mm	
383	Nut R3 - 42.86 mm	Chrome
384	Nut R4 - 42.86 mm	Chrome
385	Nut R5 - 44.45 mm	Chrome
386	Nut R6 - 39.69 mm	Chrome
387	Nut R7 - 41.28 mm	Chrome
391	Nut R1 - 39.69 mm	Gold
392	Nut R2 - 41.28 mm	Gold
393	Nut R3 - 42.86 mm	Gold
394	Nut R4 - 42.86 mm	Gold
395	Nut R5 - 44.45 mm	Gold
396	Nut R6 - 39.69 mm	Gold
397	Nut R7 - 41.28 mm	Gold
1381	Nut R1 - 39.69 mm	Black
1382	Nut R2 - 41.28 mm	Black
1383	Nut R3 - 42.86 mm	Black
1384	Nut R4 - 42.86 mm	Black
1385	Nut R5 - 44.45 mm	Black
1386	Nut R6 - 39.69 mm	Black
1387	Nut R7 - 41.28 mm	Black

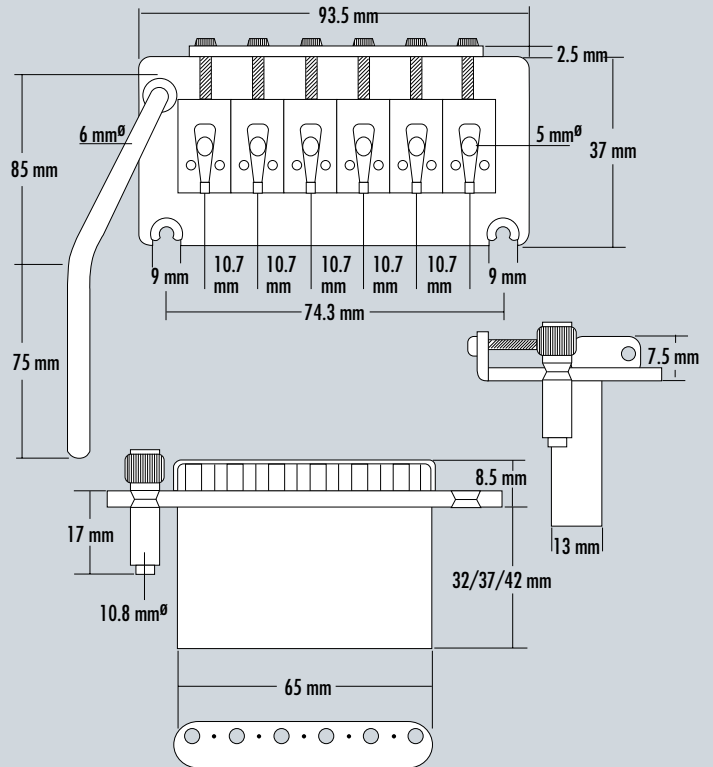
SADDLES CPL. FOR ...STRING		
Part No.	Description	Color
374001	D+G	Chrome
374101	A+B	Chrome
374201	E+E	Chrome
374002	D+G	Gold
374102	A+B	Gold
374202	E+E	Gold
374003	D+G	Black
374103	A+B	Black
374203	E+E	Black

- Nut R1 = for Gibson flying "V", SG-Type
- Nut R2 = for Old Strat, Pacers
- Nut R3 = for Gibson Les Paul, narrow string distance
- Nut R4 = for B.C. Rich, Les Paul, widest string distance
- Nut R5 = for Boogie Body, Charvel
- Nut R6 = for Bullet, New Strat
- Nut R7 = for Bullet, Ibanez



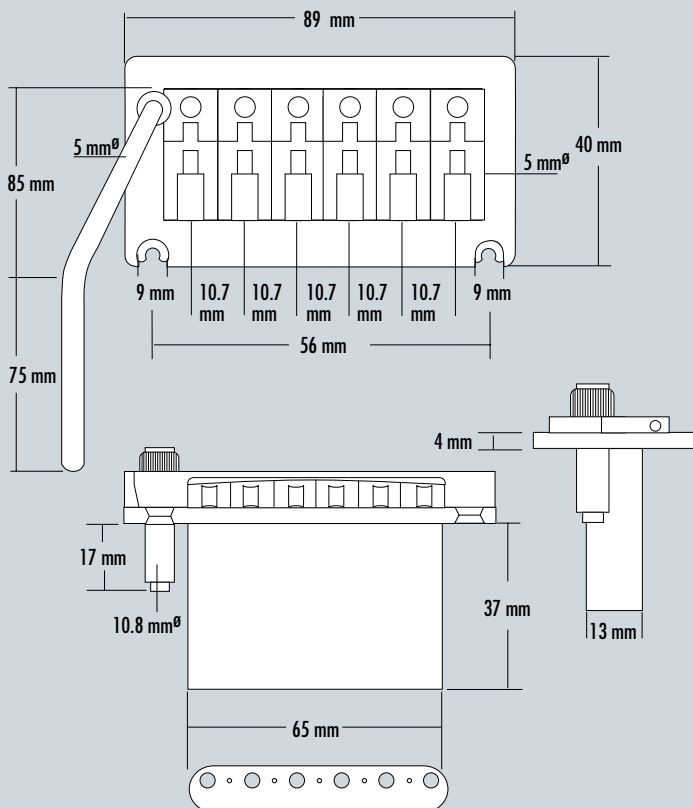
## Vintage Tremolo

A hardened steelplate gives this tremolo the right sustain.



Ref.No.	Finish
3801	Chrome
3802	Gold
13801	Black-chrome

## Non-finetuning Tremolo 2000



Particular, adjustable saddle warrants a very good slaving of the strings.

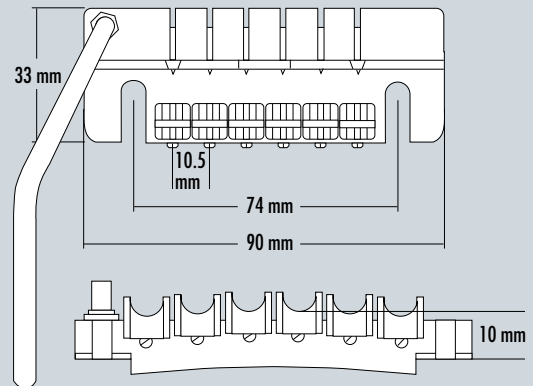
Ref.No.	Finish
5375	Chrome
5376	Gold
15375	Black-chrome





## Assembly Tremolo LP

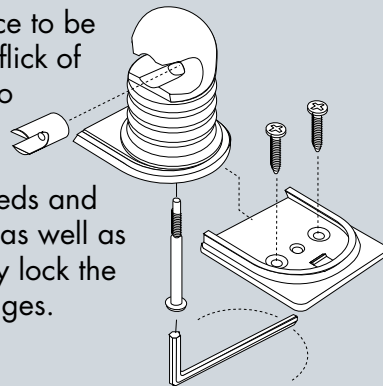
This tremolo was specially developed to simplify the exchange of the original bridge for Les Paul guitars. Can be used both for basic assembly or retrofits without the need for additional work on the guitar body.



Ref.No.	Finish
4200	Nickel
4201	Chrome
4202	Gold
14201	Black-chrome
4204	Matt Chrom

## Tremstop

A small new patented piece to be fitted and removed with a flick of the wrist, locks any tremolo perfectly tight. Using Tremstop is like playing with a fixed bridge. It speeds and facilitates strings changes as well as tremolo adjustment. Simply lock the tremolo during string changes.



**Ref.No.**

399



## Screw Kit

The box contains all of the most frequently used guitar screws.

**Ref.No.**

6100



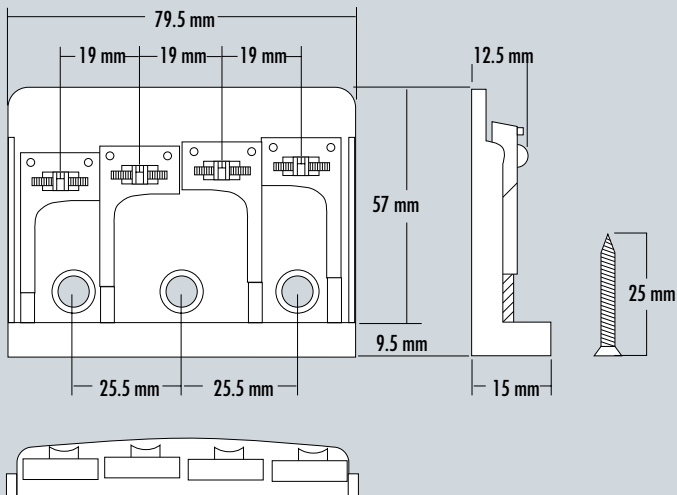
## Floyd Rose Replacement Kit

Saddles, screws, stringblocks and all the different parts used in the original and in our tremolo.

Ref.No.
7100

## Bass Bridges

### 3-D4



A patented bridge, allowing a 3-dimensional adjustment: String-height, intonation and string spacing. Heavy duty precision parts produce optimum sustain. Included is a 3 mm high spacer.

Model	Ref.No.	Finish
3-D4	467	Chrome
3-D4	469	Gold
3-D4	1467	Black-chrome



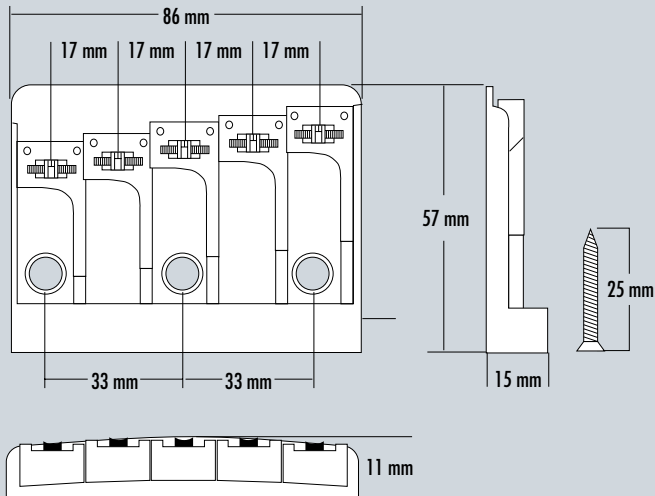
### 3-D4P

4 Piezo pickups built into the saddles produce individual string tones.

Model	Ref.No.	Finish
3-D4P	4631	Chrome
3-D4P	4651	Gold
3-D4P	14631	Black-chrome

### 3-D5

Bass bridge for 5-string basses.  
Also available with 3 mm high spacer.



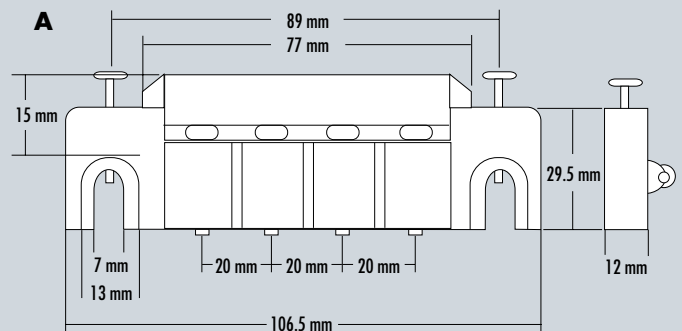
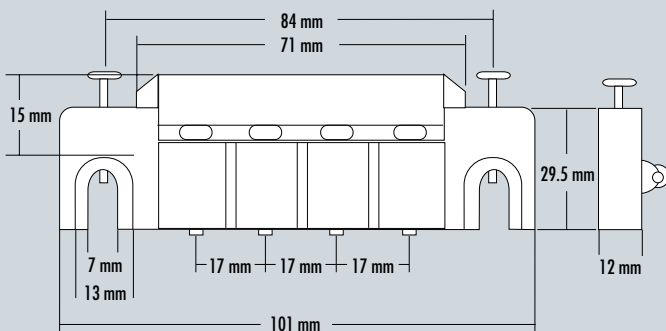
Model	Ref.No.	Finish
3-D5	498	Chrome
3-D5	499	Gold
3-D5	1498	Black-chrome



### 460 Bass Bridges

Heavy duty bass bridges, placed on height adjustment screws. The string distance and intonation can be adjusted for each individual string.

Ref.No.	Finish
460	Chrome
462	Gold
1460	Black-chrome
460A	Chrome wide string spacing
462A	Gold wide string spacing
1460A	Black-chrome string spacing





## 4-string Bass Bridge 2000

Steel bridge for 3-dimensional adjustment. The stringblocks can be adjusted with socket head screws.

Ref.No.	Finish
2331	Nickel
2334	Chrome
2332	Gold
2333	Black-chrome
2337	Black-gold

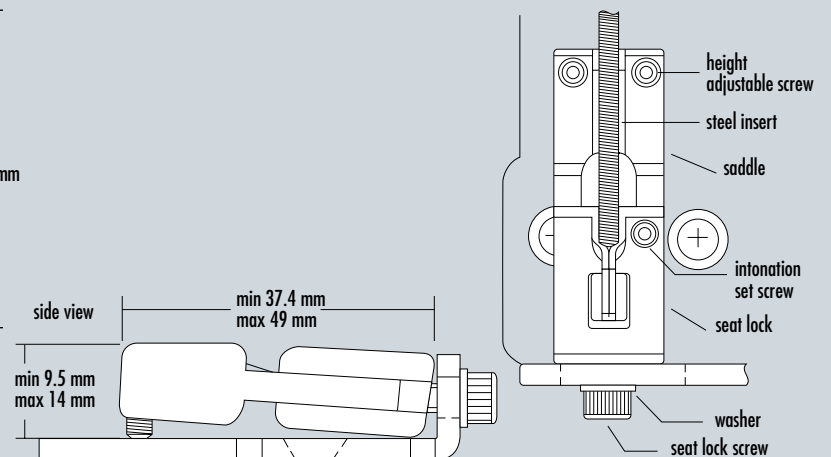
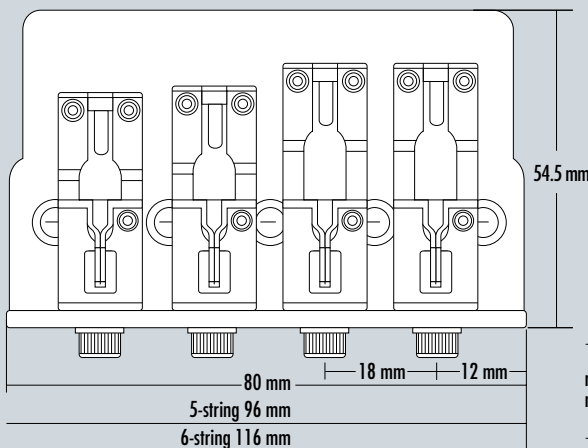
## 5-string Bass Bridge 2000

Ref.No.	Finish
23351	Nickel
23354	Chrome
23352	Gold
23353	Black-chrome
23357	Black-gold



## 6-string Bass Bridge 2000

Ref.No.	Finish
23361	Nickel
23364	Chrome
23362	Gold
23363	Black-chrome
23367	Black-gold







# Pickups & Guitar Accessories

**WESTERN PICKUPS**

**HUMBUCKERS**

**SINGLE-COIL PICKUPS**

**BASS PICKUPS**

**ACTIVE PICKUPS**

**GUITAR ACCESSORIES**

**OYSTER PIEZO PICKUPS**

**PICKUP VINTAGE**

**EFFECT ACCESSORIES**

# Western Pickups

A pickup system designed to maintain the true natural sound of acoustic guitars without feedback. The coils are individually shielded in the pickup. A special configuration of the magnets in the pickup provides uniform volume balance on all six strings. Further features include precise adjustment of all magnets through Allan pole screws, a newly developed mounting system for all acoustic guitar brands and without string change, progressive pickup height adjustment in the sound hole, and a three years warranty.

DC resistance: 5.4 kOhm  
Inductance: 2.7 Henry

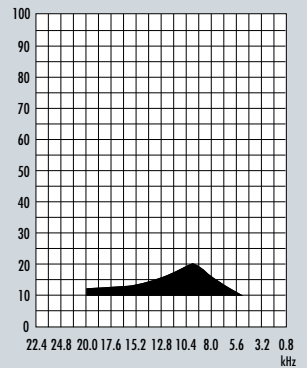


**Ref.No.**

209

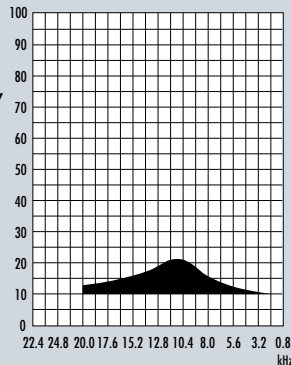
## Western I

Black-satin finish. Built-in volume control allows volume adjustment directly.



## Western II

Black-satin finish. Built-in volume control allows volume adjustment directly at the pickup. Built-in 4 position mode switch allows the player to select full humbucking, out of phase and single coil sound or standby.



**Ref.No.**

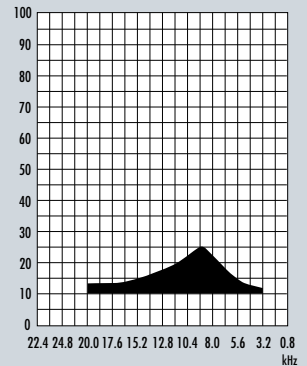
210





## Western III

Lower priced acoustic pickup with the technical features of the Western I and II but without the built-in controls. All models are available with optional 18 carat gold plated metal parts.

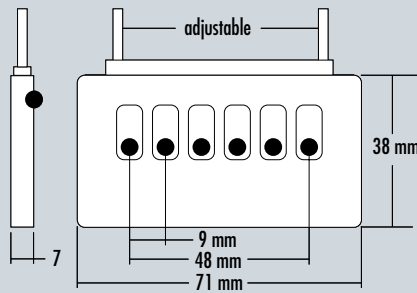
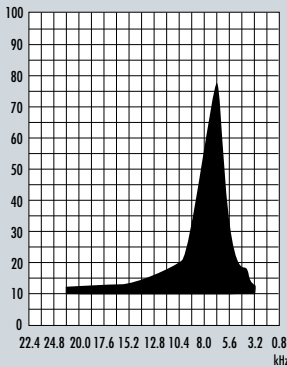


**Ref.No.**

214

## Flat Western/Jazz-pickup, Adjustable

Specially designed for mounting on the neck of Western guitars, with sliding magnet poles for precise alignment to the strings.



Inductance: 9.4 H  
DC Resistance: 10.8 kOhm



**Ref.No.**

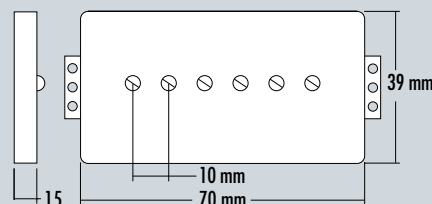
3280



## P 90 pickup

According to the original with most modern means manufactured. With frames available too.

Model	Ref.No.	Humbucker
Chrome	2290	2295
Gold	2292	2297
Black	12290	12295



# Humbucking Pickups

All of our single-pole Humbucker pickups are built to fit in any common frame. Our frames provide mounting with four height adjustment screws to prevent tilting. When winding the coils we pay special attention to the precise matching of each pair of coils – essential for ensuring 100% humbucking function.

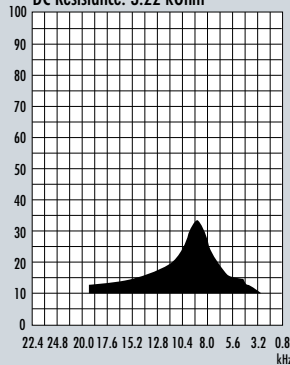
As with our single-coil pickups, all Humbucker coils are soaked in a special process to minimize microphone feedback.

The single-pole Humbuckers offer variable pole piece spacing at neck and bridge pickups, which permits full use of the magnetic field. The diagrams of our pickups are generated by a specially developed computer which tracks the resonance of the pickup in linear steps of 100 Hertz, providing hitherto unparalleled results in pickup measuring.

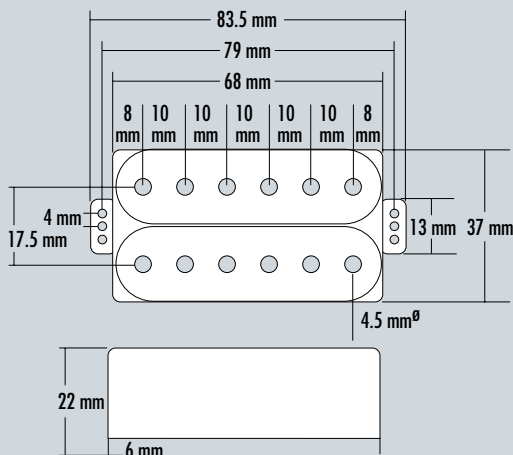
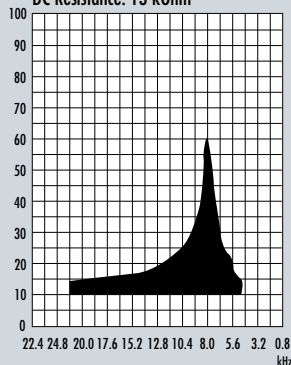
**All pickups are available in Cream, Black, or Cream Black (Humbuckers only).**



Coils parallel:  
Inductance: 1.55 H  
DC Resistance: 3.22 kOhm



Coils in series:  
Inductance: 8.1 H  
DC Resistance: 13 kOhm



## 2 in 1 (Neck) 2 in 1 (Bridge)

Humbucker with extremely high-output, equipped with 12 adjustable Allan screws as pole pieces. The 2 in 1 produces a solid sustain and aggressive sound.

The pole screw spacing of the neck and bridge pickups differs to ensure precise centering of the strings over the pole pieces.

The four-conductor cable supports various different sound options; parallel, in series, single coil, and phasing with a second pickup.

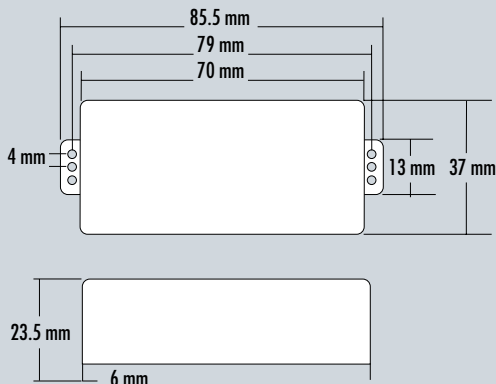
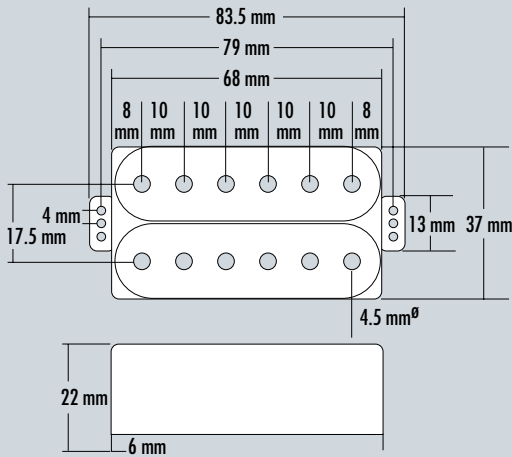
The mini-switch required for the latter as well as Allan keys are included.

Model	Ref.No.
2 in 1 (Neck)	212N
2 in 1 (Bridge)	212B

## Golden 50 (Neck) Golden 50 (Bridge)

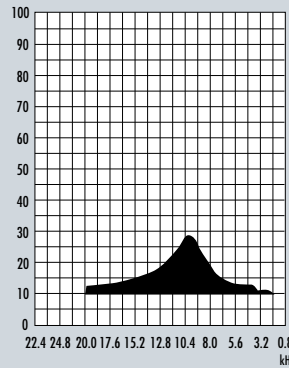
A specially designed and manufactured Alnico magnet is the heart of this pickup, providing very fast and sensitive response to string vibrations as well as a warm and full sound. The sound of the Golden 50 Humbucker accurately reproduces that of the late Humbucker of the 50's.

To compensate the volume differences between the neck and bridge pickups, the neck version has a resistance of 7.4 kOhm vs. 8.2 kOhm for the bridge version.

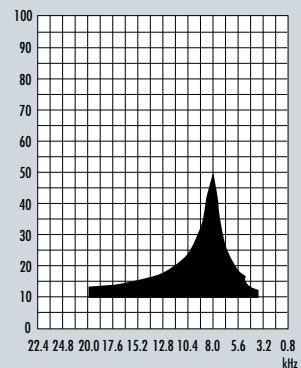


Model	Ref.No.
Golden 50 (Neck)	220N
Golden 50 (Bridge)	220B

Coils parallel:  
Inductance: 0.74 H  
DC Resistance: 2.0 kOhm



Coils in series:  
Inductance: 5.82 H  
DC Resistance: 8.2 kOhm



## Golden 50 Super (Neck) Golden 50 Super (Bridge)

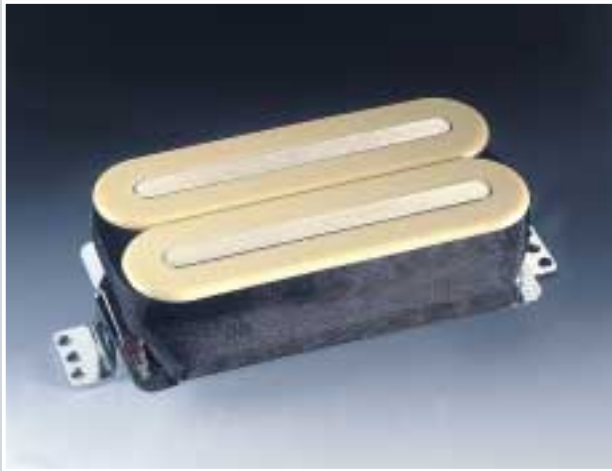
This Humbucker combines the rich sustain and aggressive sound of the 2 in 1 with the fast response of the Golden 50 Alnico magnets. It is a preferred pickup among jazz musicians, and comes complete with a four-conductor cable for various wiring options.

Model	Ref.No.
Golden 50 Super (Neck)	206N
Golden 50 Super (Bridge)	206B

Coils parallel:  
Inductance: 1.4 H  
DC Resistance: 3.2 kOhm

Coils in series:  
Inductance: 5.64 H  
DC Resistance: 12.8 kOhm

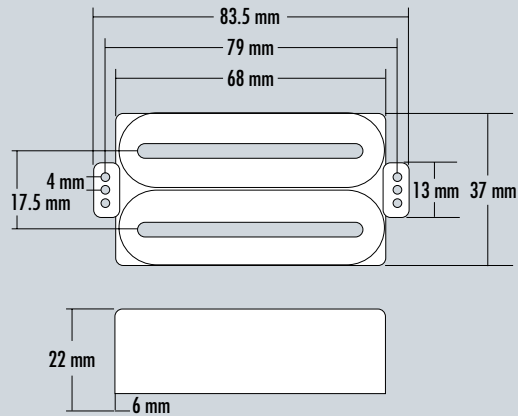
See "Golden Super Adjustable" diagram on page 38.



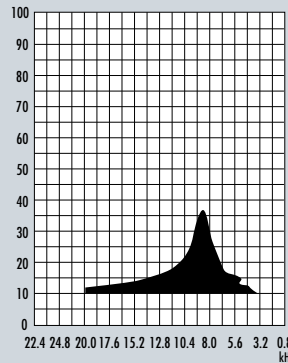
## Hot Stuff

This is our highest output pickup, specially designed for Heavy Metal sound. The Hot Stuff has two bar magnets which eliminate dead spots between strings, ideal for guitarists who exhibit their strings to high pull. Again, a four-conductor cable provides various different wiring options.

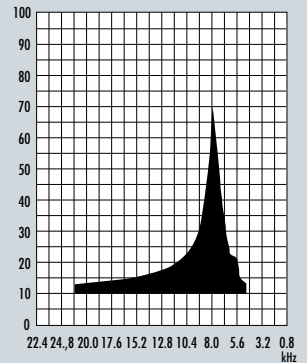
Ref.No.
216



Coils parallel:  
Inductance: 2.5 H  
DC Resistance: 3.6 kOhm



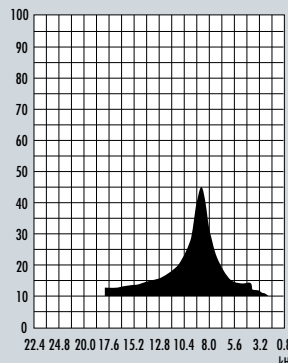
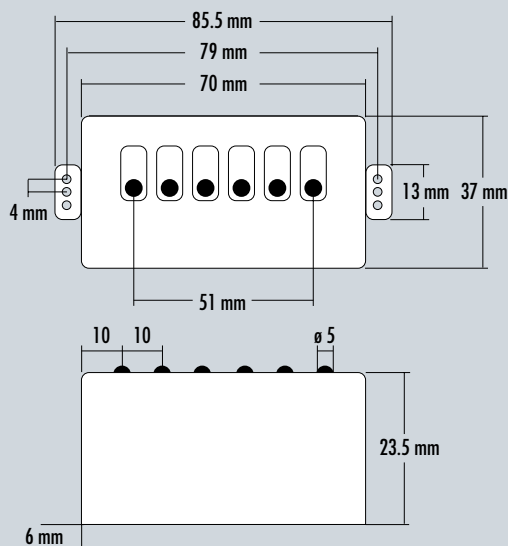
Coils in series:  
Inductance: 10.15 H  
DC Resistance: 14.4 kOhm



## Golden 50 Super, Adjustable

Identical with our Golden 50 Super pickup, plus adjustable magnet poles.

Ref.No.
20650



Coils parallel:  
Inductance: 1.4 H  
DC Resistance: 3.2 kOhm

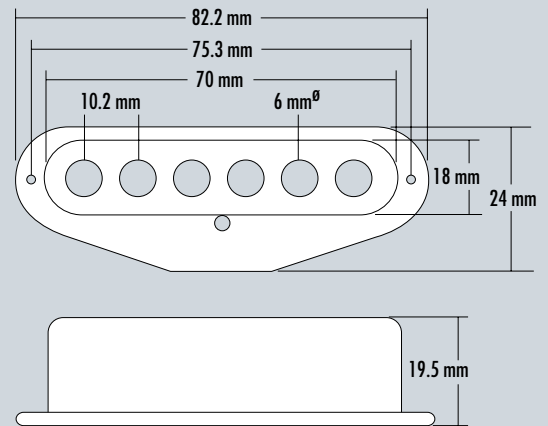
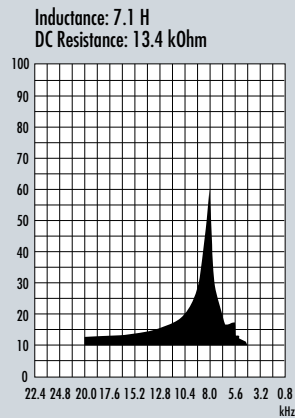
# Single coil Pickups



## S6

The highlight of this replacement pickup is its powerful but clear delivery of bass and high frequencies.

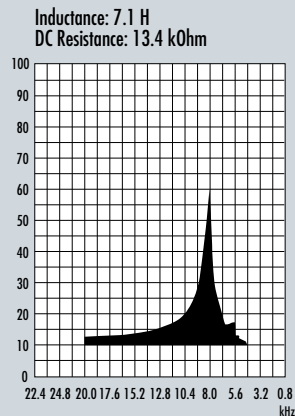
Ref.No.
224



## S6 Adjustable

Combines our S6 pickup with individually adjustable magnet poles.

Ref.No.
22450

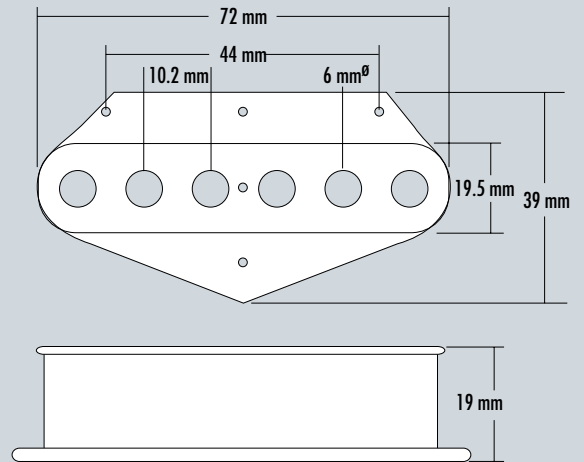
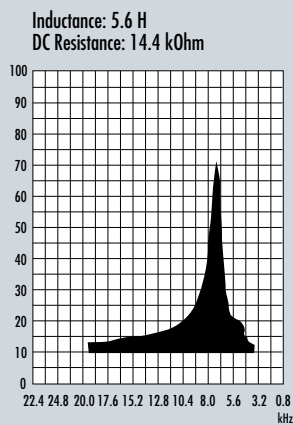




## T6

The T6 is a special bridge pickup with dedicated winding and 6 mm Alnico magnets for extreme output particularly within the mid- and high ranges.

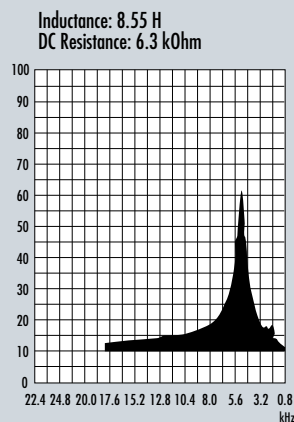
Ref.No.
228



## Vintage Custom

Vintage Custom pickup with housing.

Ref.No.
243G



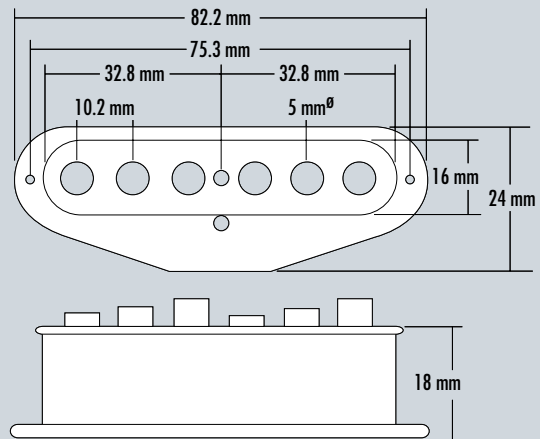
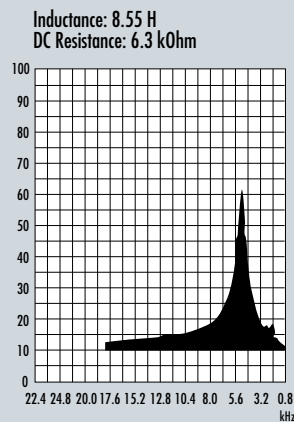




## S6 Vintage Custom

This pickup uses 6 different length magnets to accommodate the characteristics of the individual string. While it corresponds to the old original pickups, we have modified it to give more power and punch, especially in high frequencies.

Ref.No.
243



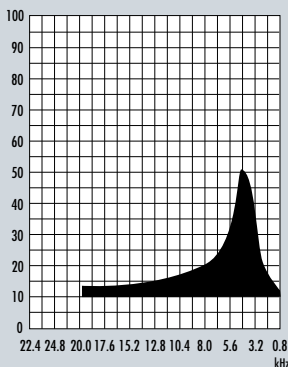
## Single-coil Humbucker

Extremely powerful single-coil Humbucker featuring single-coil sound.

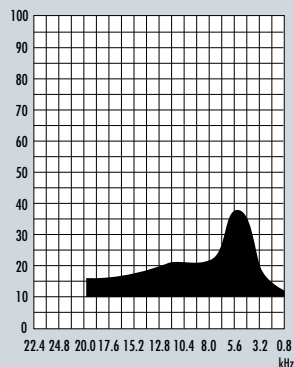
Ref.No.
2244



Coils in series:  
Inductance: 9.8 H  
DC Resistance: 10.4 kOhm



Coils parallel:  
Inductance: 2.1 H  
DC Resistance: 2.6 kOhm



# Bass Pickups



All of our pickups are available in Cream and Black, Humbuckers also with one coil in Cream and the other in Black.

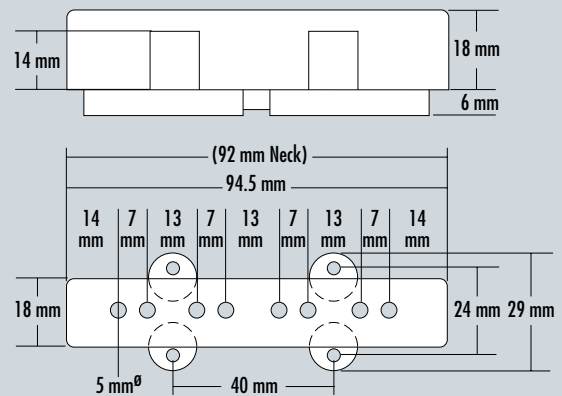
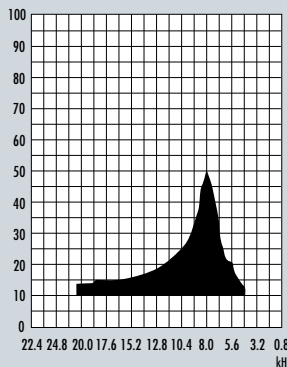
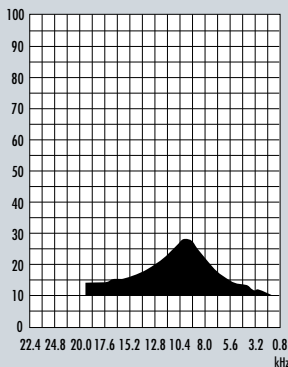
## JBX (Neck) JBX (Bridge)

This Fender type bass Humbucker has been designed for live performances of bassists who prefer a hard striking technique while requiring full basses, i.e. with all the "crisp" in the sound.

The JBX Humbucker features 4x two adjustable pole screws per pickup as well as a four-conductor cable for various different wiring options. It is always supplied in pairs.

Coils parallel:  
Inductance: 1.75 H  
DC Resistance: 1.75 kOhm

Coils in series:  
Inductance: 7 H  
DC Resistance: 7 kOhm



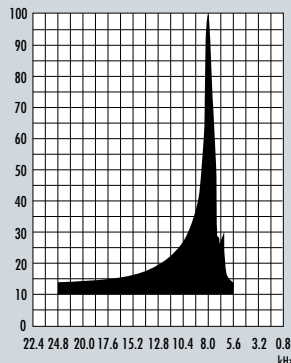
Model	Ref.No.
JBX (Neck)	246N
JBX (Bridge)	246B

## JB6 (Neck) JB6 (Bridge)

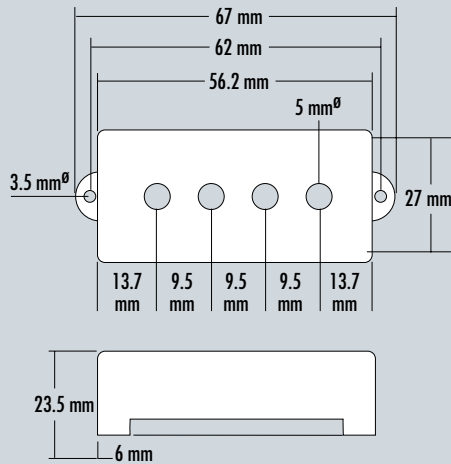
The JB6 is a powerful pickup for excellent delivery of crisp sounds. It provides a very long sustain and wide, deep basses, due in particular to its 6x18 mm Alnico magnets.

The JB6 is supplied in pairs.

Coils in series:  
Inductance: 6.4 H  
DC Resistance: 13.5 kOhm



Model	Ref.No.
JB6 (Neck)	249N
JB6 (Bridge)	249B

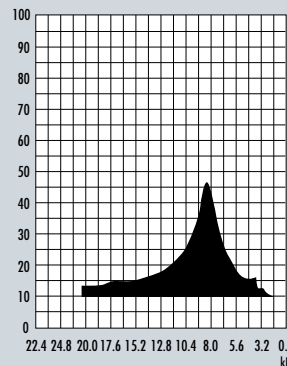


## PBX

A staggered mount version of the JBX, the PBX's strong magnet field and larger coil size delivers a smooth "woody" sound, rich in crisp highs and deep basses. Like the JBX its adjustable pole pieces allow the output of individual strings to be balanced for your style and the gauge of string you prefer. A mini switch for variety of wiring options is supplied.

**Ref.No.**

236



Coils in series:  
Inductance: 7.04 H  
DC Resistance: 11.4 kOhm

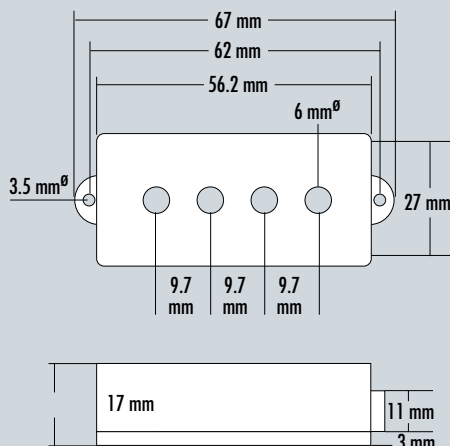
Coils parallel:  
Inductance: 1.7 H  
DC Resistance: 2.85 kOhm

## PB6

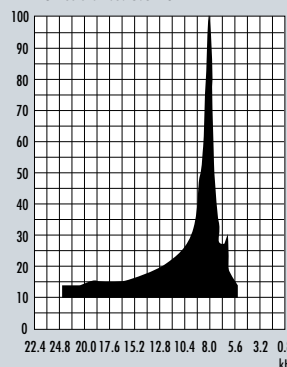
The perfect pickup for bassists looking for increased output and sustain, its specially designed 6 mm Alnico magnets deliver that extra punch and power to cut through high volume rock.

**Ref.No.**

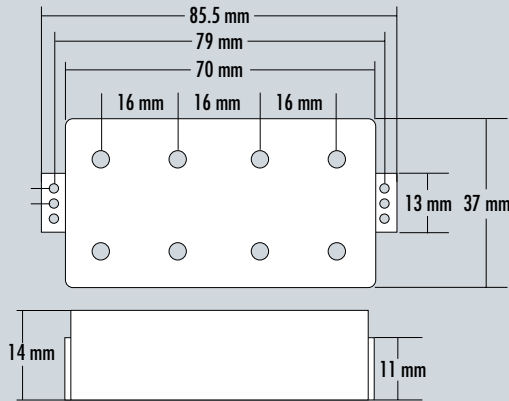
240



Coils parallel:  
Inductance: 1.9 H  
DC Resistance: 3.8 kOhm



Coils in series:  
Inductance: 9 H  
DC Resistance: 14 kOhm

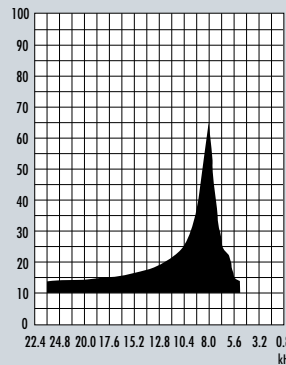


## Bassbucker

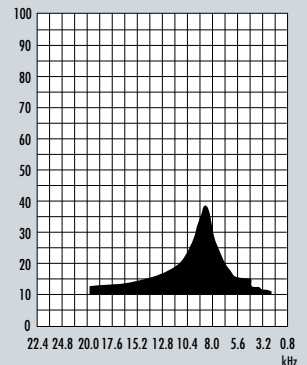
Built like a normal guitar humbucker, this pickup delivers warm rich sound and is especially unique when used in combination with a single coil pickup like our JB6. A four-conductor cable is supplied so that you can explore all available sound options.

Ref.No.
232

Coils parallel:  
Inductance: 2.25 H  
DC Resistance: 3.5 kOhm



Coils in series:  
Inductance: 7.5 H  
DC Resistance: 15.2 kOhm



## Active Pickups

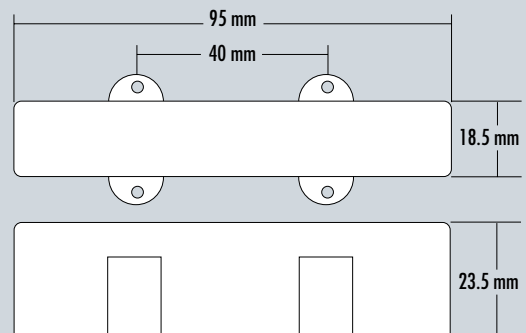


Our pickups are built according to the latest scientific findings. Our computer aided construction of our pickups and a meticulous final check guarantees that our pickups rank among the best on the market.

## JBA

All Schaller Active Pickups are to be intermediately installed and are ready to be fitted, incl. volume and sound potentiometer, battery clip, springs, screws and manual.

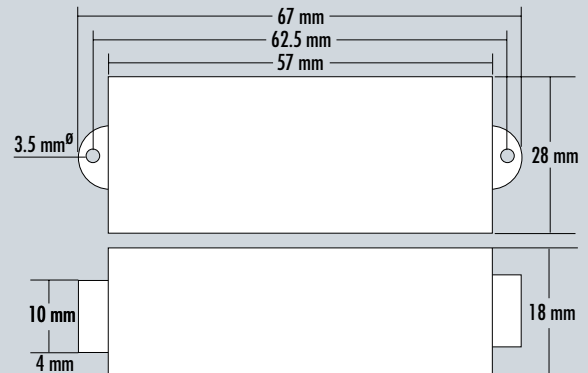
Model	Ref.No.	
JBA	263	Jazz bass Humbucker
JBA Neck	263N	Jazz bass Humbucker single, neck position
JBA Bridge	263B	Jazz bass Humbucker single, bridge position
JPA	261	Combination of a PBA and a JBA bridge





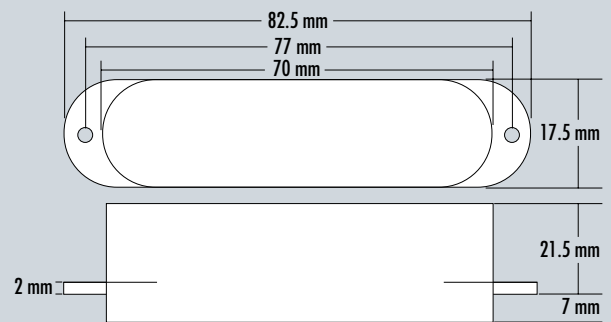
## PBA

Model	Ref.No.	
PBA	265	Precision bass Humbucker

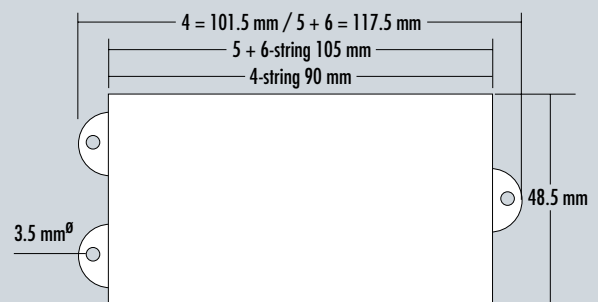


## SA

Model	Ref.No.	
SAI	274	3 single-coil pickups, sounding very clear and loud, similar to the old "Strat" sound/Alnico magnet (Gold)
SAI	275	Single single-coil pickup
SA	272	3 single-coil pickups, with a lot of sustain and sensitivity Hartferrit magnet (Silver)
SA	273	Single pickup
SA/SA/HAI	276	Combination of 2 single-coils and one humbucker
SA/SA/HAI	277	Combination of 2 single-coils and one humbucker
SAI/SAI/HAI	278	Combination of 2 single-coils and one humbucker
SAI/SAI/HAI	279	Combination of 2 single-coils and one humbucker



## MM-Style Bass Pickup



Space polpiece: 4 = 19 mm  
5 = 16 mm  
6 = 15.5 mm

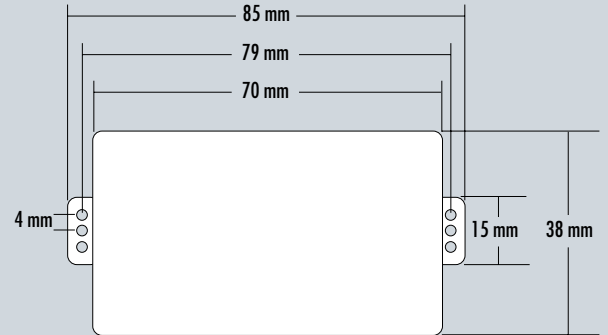
Model	Ref.No.
for 4-string	2324-MM
for 5-string	2325-MM
for 6-string	2356-MM

available in black



## HAI

Model	Ref.No.	
HAI	267	Humbucker with the typical "PAF" sound
HAI1	266	Humbucker, sounding very clear and louder



## Guitar Accessories



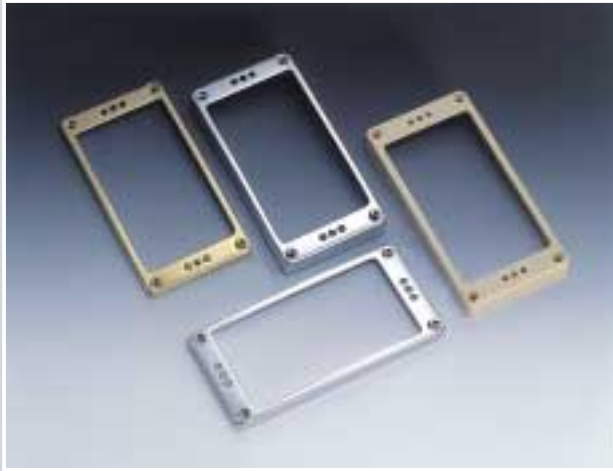
## Pickup Housings

All of these housings are manufactured either in solid brass or in high-quality plastics.

ABS Models	Black Ref.No.	Chrome Ref.No.
12 Holes (Neck)	170N	168N
12 Holes (Bridge)	170B	168B
6 Holes (Neck)	162N	160N
6 Holes (Bridge)	162B	160B
Closed	174	172
8 Holes	166	164

Brass Models	Gold Ref.No.	Chrome Ref.No.
12 Holes (Neck)	150N	148N
12 Holes (Bridge)	150B	148B
6 Holes (Neck)	134N	132N
6 Holes (Bridge)	134B	132B
Closed	146	144
Open	156	154
8 Holes	140	138





## Pickup Frames

Supplied with complete screw and spring hardware required.

ABS Models	Cream Ref.No.	Black Ref.No.
Flat 1/4" straight	128	130
High 1/2" straight	124	126

Brass Models	Gold Ref.No.	Chrome Ref.No.	Black-chrome Ref.No.
Flat 1/4" straight	120	118	1118
High 1/2" straight	114	112	1112
Flat 1/4" bent	203	205	1205
High 1/2" bent	199	200	1200

## Mounting Hardware

4 height adjusting screws, 4 springs and 4 mounting screws included.

Model	Ref.No.	
1/2" Kit	239H	Gold
1/2" Kit	237H	Chrome
1/2" Kit	1237H	Black-chrome
1/4" Kit	239FL	Gold
1/4" Kit	237FL	Chrome
1/4" Kit	1237FL	Black-chrome



## Plectra

Single plectra in high-strength plastic. Refill tubes and box refills upon request.



Color	Ref.No.	Thickness	Size
Light Red	199012	Super light	0.018 "
Orange	199014	Light	0.024 "
Yellow	199013	Light medium	0.027 "
Green	199010	Medium	0.033 "
Blue	199015	Medium heavy	0.039 "
Violet	199011	Heavy	0.043 "

Model	Ref.No.
Pocket dispenser with 12 assorted plectra	191100
Plectrum box with 6x3 dozen	1991
Auto-dispenser with 2000 plectra	199420



## Speed Knobs

	Model	Ref.No.	
1	Brass speed knob	178	Gold
	Brass speed knob	176	Chrome
	Brass speed knob	1176	Black
2	Brass speed knob	184	Gold
	Brass speed knob	182	Chrome
	Brass speed knob	1182	Black
3	Brass speed knob	149	Gold
	Brass speed knob	151	Chrome
	Brass speed knob	1151	Black

No. 1 is also available in aluminium

## Wiring Hardware

### 1. MCF Module

Ref.No.	74952
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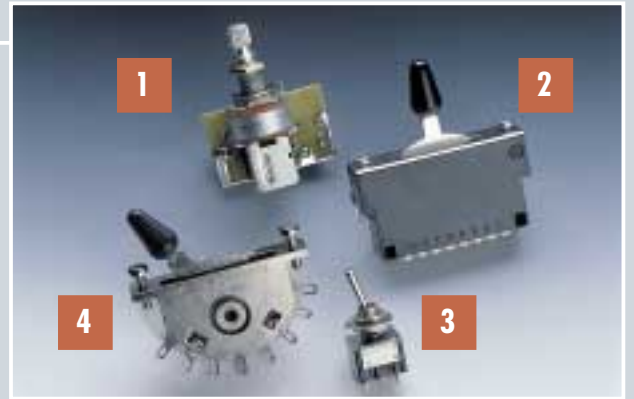
Passive 2-level push/pull filter. Two different frequencies can be selected by pushing/pulling, and controlled by turning.

### 2. Standard 5-position switch

Ref.No.	105
---------	-----

### 3. Miniature toggle switch

Ref.No.	110
---------	-----



### 4. Schaller 3-/5-position switch

Model	Ref.No.
Schaller 3-position switch	103S
Schaller 5-position switch	105S
Fender type Schaller 3-position switch	103SF
Fender type Schaller 5-position switch	105SF

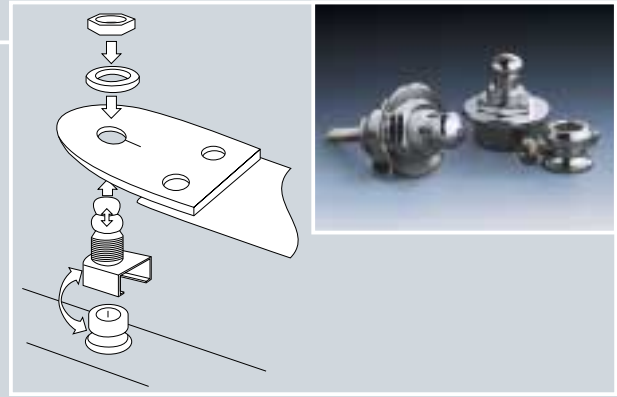


## Guitar Accessories

	Model	Gold Ref.No.	Chrome Ref.No.
1	Thumbrest		
	Screws included	219	221
2	Pick-guard screws & 1 angle bracket included	229	231
	Jackplate	161	159
4	Truss Rod Cover	173	171
5	Toggle-switch-plate	155	157
6	Toggle-switch-knob	191	189

## Security Lock

Model	Ref.No.	
Security Lock	445	Nickel
Security Lock	446	Chrome
Security Lock	447	Gold
Security Lock	1446	Black-chrome
Security Lock	448	Satin-chrome



## Items for Security Locks

### Items for Security Lock Ref.No. 445-12

Nickel Nut	40 pcs.	Ref.No. 445114
Chrome Nut	40 pcs.	Ref.No. 446114
Gold Nut	30 pcs.	Ref.No. 447114
Black Nut	40 pcs.	Ref.No. 1446114
Sat. Chrome Nut	30 pcs.	Ref.No. 448114

Nickel Washer	30 pcs.	Ref.No. 445112
Chrome Washer	30 pcs.	Ref.No. 446112
Gold Washer	20 pcs.	Ref.No. 447112
Black Washer	30 pcs.	Ref.No. 1446112
Sat. chrome Washer	20 pcs.	Ref.No. 448112
Screw for SL 3,5 x 25	60 pcs.	Ref.No. S0141

### Button for Security Lock Ref.No. 445-6

Nickel	25 pcs.	Ref.No. 445110
Chrome	25 pcs.	Ref.No. 446110
Gold	20 pcs.	Ref.No. 447110
Black	25 pcs.	Ref.No. 1446110
Satin-chrome	20 pcs.	Ref.No. 448110
Screw for SL 3,5 x 25	115 pcs.	Ref.No. S0141

## Jack

Jack with integrated belt pin for classical guitars.

Model	Ref.No.
Belt pin	857



## Allan Key Holder

Allan key holder with fitting wrenches for original and Schaller tremolos.

Model	Ref.No.	
Allan key holder	234	Gold
Allan key holder	233	Chrome
Allan key holder	1233	Black-chrome

# Oyster – Piezo Pickup

Oyster pickups from Schaller are attached with an extremely thin adhesive tape that will not damage your instrument. The target in developing these pickups was to provide a truly natural sound.



## Oyster 721

Designed for internal mounting.

## Oyster 722

The best position for the two piezo components should be determined by trial on the actual instrument, a) for bass pickup, and b) for optimum highs, such as on the guitar bridge or on the frame.

Internally, models 723-728 correspond exactly to models 721 and 722, except that the latter have been designed for visible mounting and therefore feature chrome or gold plated housings. All oyster pickups are attached with double-sided adhesive tape that will not damage the instrument surface.

## Oyster 723

External mount version with chrome plated cover and attached 10 foot jack cable.  
(Best-selling "Schaller" Oyster pickup)





## Oyster 724

This Oyster pickup comes with a jack socket fastened by means of our Security Lock.

## Oyster 725

Oyster pickup with an additional housing for passive pre-adjustment of volume and sound. Both housings come in Chrome, with 3 m cable and jack plug.

## Oyster 726

Gold plated version of the 725.

## Oyster 727

Combines the chrome-plated housing of Oyster 723 for external attachment with sound and volume control in a separate housing, as with Oyster 725.

Oyster 727 is supplied in High-gloss Chrome, complete with a 3 m cable and jack plug.



## Oyster 728

Same as 727 but heavy gold-plated.





## Piezo Pickup

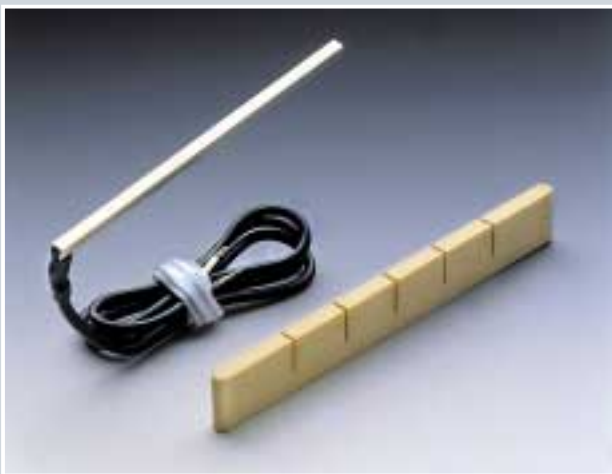
This pickup has been designed for mounting under the bridge of classical guitars. Supplied complete with combined jack/socket and belt pin.

Model	Ref.No.
Piezo Pickup, 67 mm	747
Piezo Pickup, 72 mm	749

## Piezo Pickup

Specially designed for 3-string and Saz-instruments. Also available with jack plug and socket. Length: 40 mm

Model	Ref.No.
Piezo Pickup	747S



## Thinline 3000 Pickup

Piezo 749 pickup with an ivory-colored, pre-fabricated plastic bridge for further individual design. The Thinline 3000 can be combined with our ASD Preamp.

Model	Ref.No.
Thinline TA 3000	7496

## Piezo 2000 Pickup

Classical piezo bridge with six individual piezo components contacted in the bracket. Can be combined with our ASD Preamp.

Model	Ref.No.
Piezo 2000 Pickup	7495







Model	Ref.No.
Piezo pickup for body (standard)	7498
Preamp dimensions. (l x w x h) 56.4 x 45.3 x 19.3	

## Dual Pickup ASD-micro

- Easy fitting – no drilling required
- Choice of internal or external fitting
- Easy battery changing
- Choice of under-saddle or capsule piezo pickups
- Flexible microphone mount for optimum positioning
- Adjustable frequency range for microphone
- Complete with switched endpin jack

**Micro input:** for micro 5.6 mV/Pa/1 kHz/+/-4 dB sound control -20 dB bei 3 kHz, volume control.

**Piezoinput:** 30 mV, volume control.

**Output:** typ. 300 mV, max. 650 mV, output impedance 10 kOhms. Frequency tuning control. 2 preamps with lowest power consumption: 200 µA per preamp (VCC = 3 Volts)

## ASD Preamp

The ASD Preamp module is supplied with a customized piezo pickup. The basic principle of the piezo/preamp combination is to transmit the natural sound of an acoustic guitar in its full dynamic volume and free from noise. Dynamic sound volume plays an essential role in music and has in the past been reserved to electrical guitars. For the first time, the ASD Preamp supports the full range of the acoustic guitar, from crystal clear melody lines to powerful chord play. Key to this success is the use of components made from high-quality materials, such as polyester capacitors, metal film resistors, noise-free IC's and slide potentiometers in studio quality, fine-tuned with a specially selected pre-filter as well as musically useful EQ frequencies.

From guitar amps, P.A. to studio equipment, this piezo/preamp combination meets the highest demands.

With its unique mounting system (rotary claw design), the preamp facilitates both battery changes as well as fast installation, after which the customized piezo pickup can be plugged-in as supplied.



Model	Ref.No.
ASD Preamp with piezo 2000 pickup	74959
ASD Preamp Thinline with piezo 3000 pickup	74959/1

Technical Specifications	
Input resistance	10 MOhm
Output resistance	100 kOhm
Frequency response	20 Hz–20 kHz (±3 db)
Maximun Output	3 Volt
Dynamic range	123 db
S/N ratio	-90 db

EQ Frequencies	
LO	80 Hz ± 12 db
MID II.	630 Hz ± 8 db
MID I	1400 Hz ± 8 db
HI	6300 Hz ± 15 db
Power consumption	0.8 mA

# Pickup Vintage

Pickups for self-mounting on metal-string instruments.



## 10/40

Model	Ref.No.
10/40	401

## 10/44

Singly pickup in a very flat metal design, high-gloss chrome-plated, for mounting on the finger-board.

Model	Ref.No.
10/44	405



## 10/43

Pickup in metal design, high-gloss chrome-plated, for mounting on the sound hole of Spanish guitars.

Model	Ref.No.
10/43	403

## 10/40 M

Pickup in a very flat metal design, high-gloss chrome-plated, for Spanish guitars. Can be screwed or stuck on the surface of the instrument.

Model	Ref.No.
10/40 M	402





## 10/43S

Like 10/43 but with adjustable audiomixer.

Model	Ref.No.
10/43S	404

## Pickup for Zithers

Utilizes a highly efficient chrome-plated pickup for the sympathetic vibration strings, a control box and a moveable pickup for the melody strings. Also available in a two output stereo version (10/48 Stereo). The 10/48 Piezo utilizes a specially designed piezoelectric contact pickup for the sympathetic strings.

Model	Ref.No.
10/48	408
10/48 Stereo	412
10/48 Piezo	409



## Pickup for Double Basses

High-gloss chrome-plated double-bass pickup, with adjustable individual magnets and volume control, for mounting on the fingerboard.

Model	Ref.No.
10/70	411

# Effect Accessories



## Tremolo TR

For use in-series with any amplifier. Transistorized, with battery and standby indicator, amplitude and frequency control.

Ref.No.
316

## F121 Foot Controller

Foot controller for guitars, organs or other instruments.

Ref.No.
340

## Wha-wha-Fuzz

Pedal for wha-wha, distortion and fuzz, otherwise like wha-wha Ref.No. 318.

Ref.No.
319



## Wha-wha

Accessory with amazing wha-wha and joi-joi sound effects. Foot ramp design, with Original/Effect switch, input socket for jack plug. Battery operation.

Ref.No.
318



# Violin Accessories

**BOWS & BOW ACCESSORIES**

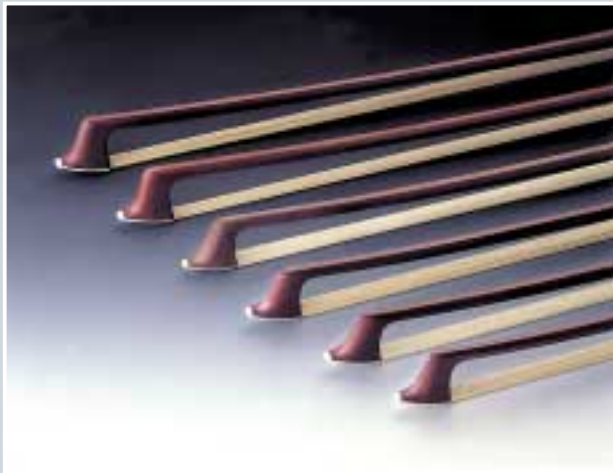
**MUTES & TENSION PEGS**

**HANGEL LINES**

**PICKUPS & TAILPIECES**

**VIOLIN ACCESSORIES**





Schaller violin bow with horse hair from Manchuria.

## Schaller Violin Bow

In the production of our patented violin-bow we use the lightest and most durable materials such as graphite, nylon and aluminum. By doing so we achieve the exact weight, the same balance and the identical looks of a high-class wooden bow. Its superior set of German silver completes this violin bow.

Size	Ref.No.
1/16	700
1/8	708
1/4	701
1/2	702
3/4	703
4/4	704

## White Horse Hair

From Manchuria

Size	Ref.No.
62 – 67 cm	710
68 – 69 cm	711
70 cm	712
71 cm	713
72 cm	714
73 cm	715
74 – 75 cm	716

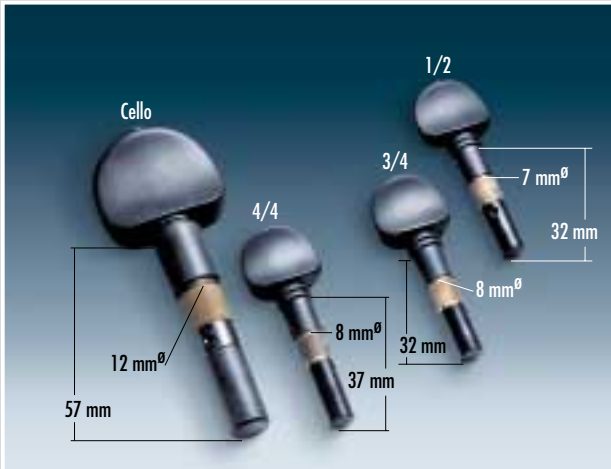






## Tourte Mute

Size	Ref.No.
4/4 Violin, rubber	706
4/4 Violin	717
4/4 Cello	718



## Hangel Lines

Nylon lines with exact cut threads and brass nuts for fastening the tailpieces to violins, violas and cello.

Model	Ref.No.
Cello = 280 mm	733
Cello extra thick = 320 mm	734
1/4, 1/2 = 115 mm	735
3/4, 4/4 = 135 mm	736
Viola = 145 mm	737

## Frog

Ebony coloured frog with a complete German silver set, threefold buttons and pearloid eye.

Size	Ref.No.
1/2, 1/4	759
4/4, 3/4	760



## Adjustable Tension Pegs

Model	Ref.No.
Precision peg for Cello 1/2, 3/4, 4/4	740
Precision violin peg 1/2	741
Precision violin peg 3/4	742
Precision violin peg 4/4	743





## Tailpieces

Tailpieces of high quality. They can be adjusted easily and exactly by using four fine tuners. The design and color correspond exactly to those found on the instruments of the masters.

Size	Ref.No.
1/4	750
1/2	751
3/4	752
4/4	753
Viola	754
1/2 Cello	755
4/4 Cello	756

## Violin Pickup

Specially designed piezo-ceramic pickup that allows you to amplify any type of string. This gives the violonist the volume he needs to be heard above the band.

Size	Ref.No.
10/80	720



## Violin Accessories

Model	Ref.No.	
a	761	Frog with acrylic eyes and German silver port
b	769	Spindle
c	762	Bow frog linings, German silver
d	763	Bow frog rings, German silver
e+f	764	Bow wedges for frog and frog ring
g	765	Frog slides
b <sub>1</sub>	766	Screw nut, brass
h	767	Bow frog linings, German silver

Please order the items for frog to 1/4, 1/2 or 3/4, 4/4 size!

The background of the advertisement features a dark blue gradient with several colorful cables (green, yellow, red, and blue) running diagonally across the frame. A white cable with a connector is also visible in the upper left. The text is overlaid on this background.

# ASD Cables

**ASD CABLES**

**LINEAR  
INSTRUMENT CABLES**

**MIKROPHONE CABLES**

**SPEAKER CABLES**

**BULK CABLES**

# ASD Cables



Our assembled cables are equipped with high-quality plugs depending on the specific cable type and application.

## ASD 10

Conductor: 0.28 mmq = AWG 22 (18 x 0.15 CU).  
Cable Ø: 6.5 mm.  
Conductor PVC shielded, Ø: 2.4 mm.  
Insulation Ø: 1.8 mm.  
Spiral shield 100 % .  
Available in black, red, blue, green, yellow, bronze.

## ASD 20

Conductor: 0.24 mmq = AWG 23 (30 x 0.1 CU).  
Cable Ø: 7 mm.  
Conductor PVC shielded, Ø: 2.4 mm.  
Insulation Ø: 1.8 mm.  
Spiral shield 95 %.  
Available in transparent rose, blue, smoke.

## ASD 30

Conductor: 0.22 mmq = AWG 23 (28 x 0.1 CU).  
Cable Ø: 6.5 mm.  
Insulation Ø: PVCHT105 Superflex  
1.2 mm.  
Cotton Shielded and Spiral Shield 100 %.  
Available in black, green, blue, red, yellow.

Schaller is proud to present a new Cables range: **ASD**, for **American Sound Device** – engineered together with leading musicians in the United States, manufactured in the European Union, assembled and tested in Germany.

This and the controlled use of high-quality materials allows us to offer you a lifetime warranty on our assembled cables.

## ASDP 35

Conductor: 0.22 mmq = AWG 23 (30 x 0,1 CU).  
Insulation Ø: 1.8 mm.  
Single Shielded in PVC.  
Conductor Ø: 2.4 mm. Foil Shielded.  
Shield CU/SN more than 96 %.  
Cable Ø: 7 mm. Available in black.

## ASD 40

Conductor: 1.508 mmq x 2 = AWG 15  
(48 x 0.2 CU). Insulation PVC 60 Shore.  
Diameter 2.85 mm. Ø: 7.4 mm. Available in grey.

## ASD 50

Conductor: 2.405 mmq x 4 = AWG 13  
(48 x 0.25 CU). Insulation PVC 60 Shore.  
Diameter 3.46 mm. Ø: 11 mm. Available in grey.

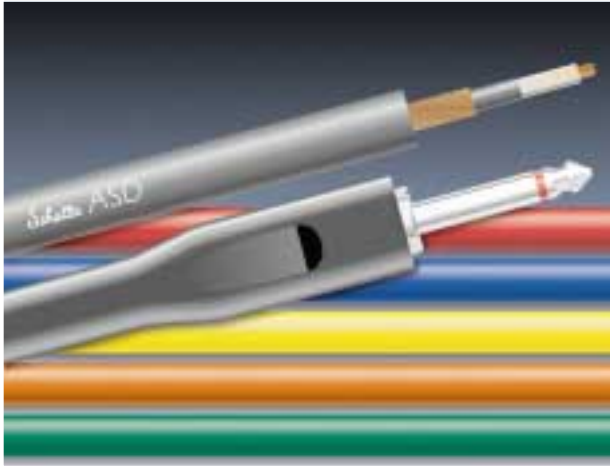
## ASDP 15

Conductor: 0.5 mmq = AWG 20  
(64 x 0.1 CU/SN). Cable Ø: 7 mm.  
Conductor, single w/PEE (Foam) and  
PVC/Teflon conductive sleeve. Insulation Ø:  
PEE Foam 2.4 mm and PVC 50 shore, 3.2 mm.  
90 % Braided Shielded CU/SN.  
Black PVC 60 shore flexible jacket.  
Ø: 7 mm. Available in black.

## ASD 25

Conductor: 0.28 mmq = AWG 22  
(16 x 0.15 CU). Cable Ø: 7 mm.  
Conductor, PVC shielded, Ø 2.4 mm.  
Cotton covered.  
Spiral Shielded 100 %. PVC 50 Shore Jacket,  
cotton covered. Ø: 7 mm.  
Available in Cotton black, red, green/white.

# Linear Instrument Cables



## Noiseless Linear Instrument Cables

### **ASD 100/3**

Ø 6.5 mm, linear cable (ASD 10), with 2 plugs K 640. 3 ft. Available in black, red, blue, yellow, bronze, green.

### **ASD 100/10**

Ø 6.5 mm, linear cable (ASD 10), with 2 plugs K 640. 10 ft. Available in black, red, blue, yellow, bronze, green.

### **ASD 100/20**

Ø 6.5 mm, linear cable (ASD 10), with 2 plugs K 640. 20 ft. Available in black, red, blue, yellow, bronze, green.

### **ASD 100/30**

Ø 6.5 mm, linear cable (ASD 10), with 2 plugs K 640. 30 ft. Available in black, red, blue, yellow, bronze, green.

## Professional Linear Instrument Cables

### **ASDP 150/10**

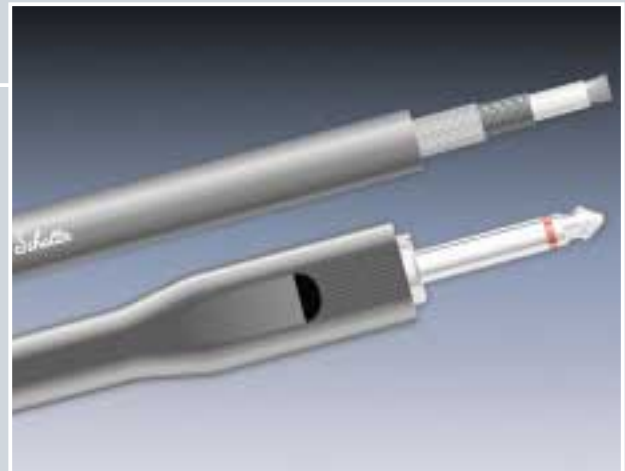
Ø 7 mm, linear cable (ASDP 15), with 2 plugs K 640. 10 ft. Available in black.

### **ASDP 150/20**

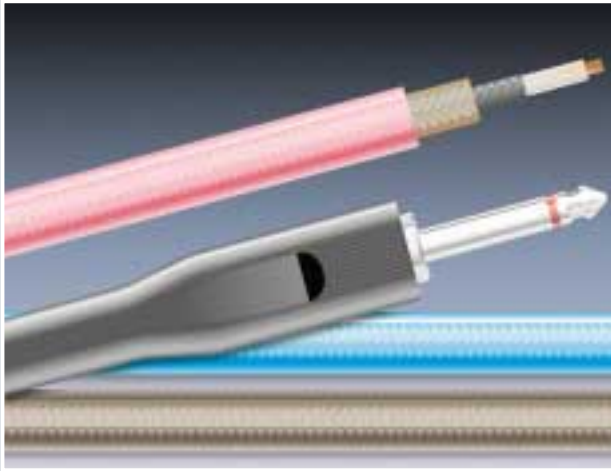
Ø 7 mm, linear cable (ASDP 15), with 2 plugs K 640. 20 ft. Available in black.

### **ASDP 150/30**

Ø 7 mm, linear cable (ASDP 15), with 2 plugs K 640. 30 ft. Available in black.







## Professional Linear Instrument Cables, Transparent

### ASD 210/3

Ø 7 mm, linear cable (ASD 20), with 2 plugs K 640. 3 ft. Available in smoke, blue, rose.

### ASD 210/10

Ø 7 mm, linear cable (ASD 20), with 2 plugs K 640. 10 ft. Available in smoke, blue, rose.

### ASD 210/20

Ø 7 mm, linear cable (ASD 20), with 2 plugs K 640. 20 ft. Available in smoke, blue, rose.

### ASD 210/30

Ø 7 mm, linear cable (ASD 20), with 2 plugs K 640. 30 ft. Available in smoke, blue, rose.

## Professional Noisless Linear Instrument Cables, Cotton

### ASD 250C/10

Ø 7 mm, linear cable (ASD 25), with 2 plugs K 640. 10 ft. Available in black, red, green/white.

### ASD 250C/20

Ø 7 mm, linear cable (ASD 25), with 2 plugs K 640. 20 ft. Available in black, red, green/white.

### ASD 250C/30

Ø 7 mm, linear cable (ASD 25), with 2 plugs K 640. 30 ft. Available in black, red, green/white.







## Micro Cables with Neutrik Plugs

### **ASD 300/20/X**

Ø 6.5 mm, linear Micro cable (ASD 30), with plug K 640 and Neutrik (female). 20 ft. Available in black, red, blue, yellow, green.

### **ASD 300/30/X**

Ø 6.5 mm, linear Micro cable (ASD 30), with plug K640 and Neutrik (female). 30 ft. Available in black, red, blue, yellow, green.

### **ASD 310/20/X**

Ø 6.5 mm, linear Micro cable (ASD 30), with Neutrik (female/male). 20 ft. Available in black, red, blue, yellow, green.

### **ASD 310/30/X**

Ø 6.5 mm, linear Micro cable (ASD 30), with Neutrik (female/male). 30 ft. Available in black, red, blue, yellow, green.

## Professional Micro Cables with Neutrik Plugs

### **ASDP 360/20/X**

Ø 7 mm, linear Micro cable (ASDP 35), with plug K 640 and Neutrik (female). 20 ft. Available in black.

### **ASDP 360/30/X**

Ø 7 mm, linear Micro cable (ASDP 35), with plug K 640 and Neutrik (female). 30 ft. Available in black.

### **ASD 350/20/X**

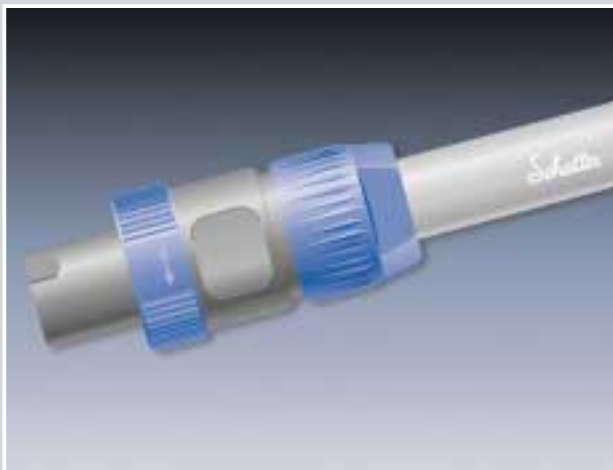
Ø 7 mm, linear Micro cable (ASDP 35), with Neutrik (female/male). 20 ft. Available in black.

### **ASD 350/30/X**

Ø 7 mm, linear Micro cable (ASDP 35), with Neutrik (female/male). 30 ft. Available in black.



# Speaker Cable



## **ASD 400/45/D**

Ø 7.4 mm, electric linear cable  
2 x 1.5 mm, (ASD 40), with plug K 640  
and Deltron (male). 45 ft. Available in grey.

## **ASD 400/30/D**

Ø 7.4 mm, electric linear cable  
2 x 1.5 mm, (ASD 40), with plug K 640  
and Deltron (male). 30 ft. Available in grey.

## **Speaker cables**

### **ASD 400/2**

Ø 7.4 mm, electric linear cable  
2 x 1.5 mm, (ASD 40), with plug K 640  
and K 640. 6 ft. Available in grey.  
Connection cable from top to speaker.

### **ASDK 400/45**

Ø 7.4 mm, electric linear cable  
2 x 1.5 mm, (ASD 40), with plug K 640  
and K 640. 45 ft. Available in grey.

### **ASD 400/30**

Ø 7.4 mm, electric linear cable  
2 x 1.5 mm, (ASD 40), with plug K 640  
and K 640. 30 ft. Available in grey.

### **ASD 500/45**

Ø 11 mm, electric linear cable  
4 x 2.4 mm, (ASD 50), with Speakon plugs.  
45 ft. Available in grey.

### **ASD 500/30**

Ø 11 mm, electric linear cable  
4 x 2.4 mm, (ASD 50), with Speakon plugs.  
30 ft. Available in grey.

# Bulk Cables

## **Noiseless Linear Instrument Cable**

### **ASD 10**

Ø 6.5 mm, linear cable. 300 ft.  
Available in black, red, blue, green.

### **Professional Linear Instrument Cable, Transparent**

### **ASD 20**

Ø 7 mm, linear cable. 300 ft.  
Available in smoke, blue, rose.

### **Professional Linear Instrument Cable, Cotton**

### **ASD 25**

Diameter 7 mm, linear cable. 300 ft.  
Available in black, red, green/white.

## **Professional Linear Instrument Cable**

### **ASDP 15**

Ø 7 mm, linear cable. 300 ft.  
Available in black.

## **Microphone Cable**

### **ASD 30**

Ø 6.5 mm, linear Micro cable. 300 ft.  
Available in black, red, blue, green.

## **Professional Microphone Cable**

### **ASDP 35**

Ø 7 mm, linear Micro cable. 300 ft.  
Available in black.

## **Speaker Cables**

### **ASD 40**

Ø 7.4 mm, electric linear cable  
2 x 1,5 mm.300 ft.  
Available in grey.

### **ASD 50**

Ø 11 mm, electric linear cable  
4 x 2,4 mm.300 ft.  
Available in grey.

## Helmut Schaller's Vision

Directly after World War II, still in 1945, Helmut Schaller (age group 1923) began, in a small workshop in Feucht near Nuremberg, by being fitted out with a lot of craftsmanship and the vision to do more than the many others, to build his enterprise.

First of all he started with the manufacturing and what was in particular important for these times with repairing of radio sets. By the circumstance, that Feucht was an US-Air-Base directly after the war until to the centre of the 90th, he had very early contact to American GIs and developed a great interest and a close friendship in the former occupying power of Germany.

Like many young Germans he felt rather attracted very early to the land of "Unlimited Opportunities". Already in the 50th he crossed the Atlantic Ocean often (for most Germans it was an unrealizable dream) to look for visions and ideas for his company.

The victory of Rock'n Roll in the 50th and 60th inspired him so well, that he would not like to hear this music only, but he also wanted to form it. Unfortunately he was just an average musician, but an excellent technician. Although he couldn't play the guitar so well like Les Paul, by the way he had the chance to meet him personally, so he wanted to give this music more sound, in his own style.

The Schaller Hardware was born and it should get its triumphant advance in the USA. Every excellent guitar, whether it is from Fender, Gibson, Ovation, Paul Reed Smith, C7 Martin or Ernie Ball is equipped



with Hardware from Helmut Schaller. Every private or professional musician estimates the advantages of Schaller Electronics and he is changing it by himself if his new acquisition missed it.

Helmut's second talent among his technical skill was the right feeling for the desires and destinations of the people. With his honesty, direct, also very tough nature he acquires the friendship of many personalities in the music business.

After his son René entered the company in the 70th both improved the well established enterprise to world wide dominating Manufacturer of Guitar Hardware. In the meantime about 150 employees are working hard to manufacture and to ship the quality products which got a world wide reputation.

As the tragic reason of an accident René died in 1998 and his father Helmut followed him in 1999. By the excellent market reputation and continues engagement of Helmut's wife Grete who is leading the company in both minds, the company could reach its market position.



**Schaller**  
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