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## TERMS

### Prices

Quoted ex factory in EURO. Consular fees will be charged to the buyer. An extra 100% is charged for strings of non-standard tunings or non-standard vibrating lengths. Strings not on this list can be custom-made at prices quoted upon request.

### Delivery

Delivery dates are indicated to the best of our judgement, but without any obligation on our part. Unforeseen extraordinary events and influences beyond our control may cause delays and justify postponements in accordance with our possibilities.

### Retention of title

We shall retain the title to the furnished goods until the payment in full of the amount of our invoice and of the other out-standing debits.

### Payment

Irrevocable letter of credit, cash against documents or in advance after receipt of our

Proforma-Invoice by sending us a cheque in EURO drawn on a German bank, remittance or by international money order.

References are requested, with the first order, of firms not yet known to us. The prices in this catalogue supersede all prices quoted previously.

### The place of performance and jurisdiction

is Erlangen/Germany for both parties.

## BANK REFERENCES

### Hypo-Vereinsbank AG Erlangen

BLZ: ..... 763 200 72  
Account #: ..... 3140 970  
IBAN: ..... DE06 7632 0072 0003 1409 70  
SWIFT(BIC): ..... HYVEDEMM417

### Raiffeisen-Volksbank Bubenreuth

BLZ: ..... 763 600 33  
Account #: ..... 808 784  
IBAN: ..... DE15 7636 0033 0000 8087 84  
SWIFT(BIC): ..... GENODEF1ER1

### Sparkasse Bubenreuth

BLZ: ..... 763 500 00  
Account #: ..... 3 001 477  
IBAN: ..... DE75 7635 0000 0003 0014 77  
SWIFT(BIC): ..... BYLADEM1ERH

### Postbank Nürnberg

BLZ: ..... 760 100 85  
Account #: ..... 37 653 854  
IBAN: ..... DE03 7601 0085 0037 6538 54  
SWIFT(BIC): ..... PBNKDEFF

## ADDRESS

### PYRAMID Saiten- und Stimmpfeifenfabrik Junger GmbH

Sudetenstraße 41-43  
P. O. Box 6  
D-91088 Bubenreuth  
Fed. Rep. of Germany

Tel: +49 (0) 9131 / 24 06 4  
+49 (0) 9131 / 24 06 5  
Fax: +49 (0) 9131 / 20 66 42

Email: [pyramid@junger.de](mailto:pyramid@junger.de)  
Internet: [www.pyramid-saiten.de](http://www.pyramid-saiten.de)  
[www.myspace.com/pyramidsaiten](http://www.myspace.com/pyramidsaiten)

# VIOLIN STRINGS

## ALUMINUM

Round aluminum wire is wound on steel core and is polished correctly. Perfect set for beginners and students.

Item	Note	Description	Tension	Price
100 100	Set	PYRAMID Aluminum Violin		9.44 €
100 101	e <sup>2</sup>	Silver-plated steel	8.0 Kg	1.74 €
100 102	a <sup>1</sup>	Aluminum wound on steel core, polished	5.5 Kg	2.34 €
100 103	d <sup>1</sup>	Aluminum wound on steel core, polished	5.0 Kg	2.60 €
100 104	g	Aluminum wound on steel core, polished	4.8 Kg	2.76 €

## GOLD

Precision made of pure nickel flat wire wound on a steel core and are polished correctly. They offer an excellent tone and timbre. Our best-seller, perfect for students.

Item	Note	Description	Tension	Price
108 100	Set	PYRAMID Gold Violin		15.22 €
108 101	e <sup>2</sup>	Precision steel	7.0 Kg	1.74 €
108 102	a <sup>1</sup>	Nickel flat wound on steel core, polished	4.8 Kg	4.37 €
108 103	d <sup>1</sup>	Nickel flat wound on steel core, polished	5.2 Kg	4.52 €
108 104	g	Nickel flat wound on steel core, polished	5.5 Kg	4.59 €

## SUPERIOR

Pure nickel flat wire wound is wound on a steel core of various gauges and specific gravities. The strings produce an excellent tone and timbre and respond easily, softly and accurately. We can supply a lower and a harder tension set: # 112 100 low tension & # 114 100 hard tension

Item	Note	Description	Tension	Price
113 100	Set	PYRAMID Superior Violin		18.54 €
113 101	e <sup>2</sup>	Precision steel	6.5 Kg	2.34 €
113 102	a <sup>1</sup>	Nickel flat wound on steel core, polished	4.8 Kg	5.22 €
113 103	d <sup>1</sup>	Nickel flat wound on steel core, polished	5.2 Kg	5.43 €
113 104	g	Nickel flat wound on steel core, polished	5.5 Kg	5.55 €

## ULTRAFLEX

High-quality professional strings. These multi-strand twisted steel core strings with excellent sensitiveness are perfect in fifth and extremely flexible. Experience of over a century of string-making guarantees highest quality.

Item	Note	Description	Tension	Price
116 100	Set	PYRAMID Ultraflex Violin		25.21 €
116 101	e <sup>2</sup>	Precision steel	6.5 Kg	2.76 €
116 102	a <sup>1</sup>	Nickel flat wound on steel cable core, polished	5.5 Kg	7.24 €
116 103	d <sup>1</sup>	Nickel flat wound on steel cable core, polished	4.5 Kg	7.42 €
116 104	g	Nickel flat wound on steel cable core, polished	5.0 Kg	7.79 €

## SOLOFLEX

Exceptional quality violin strings. Pure nickel flat wire is wound on a steel cable core. This favours the production of overtones, enlarging the frequencies and results in the most desirable tone quality. Extremely responsive, very flexible with outstanding tonal quality and volume.

Item	Note	Description	Tension	Price
120 100	Set	PYRAMID Soloflex Violin		33.61 €
120 101	e <sup>2</sup>	Aluminum wound on steel cable core, polished	7.3 Kg	8.02 €
120 102	a <sup>1</sup>	Nickel flat wound on steel cable core, polished	4.5 Kg	8.22 €
120 103	d <sup>1</sup>	Nickel flat wound on steel cable core, polished	5.5 Kg	8.57 €
120 104	g	Nickel flat wound on steel cable core, polished	5.0 Kg	8.80 €

## SYNTHA-CORE

Strings for the true artist. Precision aluminum or nickel flat wire, depending on the particular string, is wound on synthetic material core. The sound qualities are particularly high developed because of the very harmonic position of the overtones (partials) of these strings. They produce a clear and pure sound, are rich in overtones, sound similar to gut strings and respond easily to slight finger pressure. The Syntha-core strings are durable and insensitive to humidity.

Item	Note	Description	Tension	Price
130 000	Set	PYRAMID Syntha-core Violin with 1st plain		29.60 €
130 200	Set	PYRAMID Syntha-core Violin with 1st wound		34.27 €
130 001	e <sup>2</sup>	Precision steel	9.0 Kg	2.34 €
130 201	e <sup>2</sup>	Aluminum flat wound on precision steel core	7.5 Kg	7.01 €
130 202	a <sup>1</sup>	Aluminum flat wound on synthetic material core	4.0 Kg	8.68 €
130 203	d <sup>1</sup>	Aluminum flat wound on synthetic material core	3.8 Kg	9.04 €
130 204	g	Nickel flat wound on synthetic material core	3.7 Kg	9.54 €

Violin Strings for all instrument sizes available:

$\frac{3}{4}$  size = scale 32.5 cm

$\frac{3}{4}$  size = scale 30.3 cm

$\frac{1}{2}$  size = scale 29.6 cm

$\frac{1}{4}$  size = scale 25.3 cm

$\frac{1}{8}$  size = scale 25.3 cm

$\frac{1}{16}$  size = scale 20.9 cm

$\frac{1}{32}$  size = scale 19.0 cm

# VIOLA STRINGS

## ALUMINIUM

Round aluminum wire is wound on steel core and is polished correctly. Perfect set for beginners and students.

Item	Tone	Description	Tension	Price
139 100	Set	Aluminum Viola		19.20 €
139 101	a <sup>1</sup>	Aluminum wound on steel core, polished	7.2 Kg	4.42 €
139 102	d <sup>1</sup>	Aluminum wound on steel core, polished	7.0 Kg	4.59 €
139 103	g	Aluminum wound on steel core, polished	6.0 Kg	4.92 €
139 104	c	Aluminum wound on steel core, polished	6.0 Kg	5.27 €

## GOLD

Precision made of pure nickel flat wire wound on a steel core and are polished correctly. They offer an excellent tone and timbre. Our best-seller, perfect for students.

Item	Tone	Description	Tension	Price
140 100	Set	Gold Viola		22.57 €
140 101	a <sup>1</sup>	Nickel flat wound on steel core, polished	6.5 Kg	5.04 €
140 102	d <sup>1</sup>	Nickel flat wound on steel core, polished	6.5 Kg	5.77 €
140 103	g	Nickel flat wound on steel core, polished	7.0 Kg	5.83 €
140 104	c	Nickel flat wound on steel core, polished	7.6 Kg	5.93 €

## SUPERIOR

Pure nickel flat wire wound is wound on a steel core of various gauges and specific gravities. The strings produce an excellent tone and timbre and respond easily, softly and accurately.

Item	Tone	Description	Tension	Price
141 100	Set	Superior Viola		25.94 €
141 101	a <sup>1</sup>	Nickel flat wound on steel core, polished	6.2 Kg	5.83 €
141 102	d <sup>1</sup>	Nickel flat wound on steel core, polished	5.0 Kg	6.61 €
141 103	g	Nickel flat wound on steel core, polished	6.0 Kg	6.72 €
141 104	c	Nickel flat wound on steel core, polished	7.6 Kg	6.78 €

## ULTRAFLEX

are high-quality professional strings. These multi-strand twisted steel core strings with excellent sensitiveness are perfect in fifth and extremely flexible. Experience of over a century of string-making guarantees highest quality.

Item	Tone	Description	Tension	Price
144 100	Set	Ultraflex Viola		36.37 €
144 101	a <sup>1</sup>	Nickel flat wound on steel cable core, polished	7.0 Kg	7.40 €
144 102	d <sup>1</sup>	Nickel flat wound on steel cable core, polished	6.0 Kg	8.63 €
144 103	g	Nickel flat wound on steel cable core, polished	6.5 Kg	9.36 €
144 104	c	Nickel flat wound on steel cable core, polished	6.5 Kg	10.98 €

## SOLOFLEX

are exceptional quality viola strings. Pure nickel flat wire is wound on a steel cable core. This favours the production of overtones, enlarging the frequencies and results in the most desirable tone quality. Extremely responsive, very flexible with outstanding tonal quality and volume.

Item	Tone	Description	Tension	Price
148 100	Set	Soloflex Viola		41.80 €
148 101	a <sup>1</sup>	Nickel flat wound on steel cable core, polished	7.0 Kg	8.41 €
148 102	d <sup>1</sup>	Nickel flat wound on steel cable core, polished	6.0 Kg	9.97 €
148 103	g	Nickel flat wound on steel cable core, polished	6.5 Kg	10.76 €
148 104	c	Nickel flat wound on steel cable core, polished	6.5 Kg	12.66 €

## SYNTHA-CORE

are strings for the true artist. Precision aluminum or nickel flat wire, depending on the particular string, is wound on a synthetic material core.

Item	Tone	Description	Tension	Price
152 200	Set	Syntha-core Viola		45.86 €
152 201	a <sup>1</sup>	Precision aluminum flat wound on nylon core, polished	5.5 Kg	8.90 €
152 202	d <sup>1</sup>	Precision aluminum flat wound on nylon core, polished	4.5 Kg	9.19 €
152 203	g	Precision nickel flat wound on nylon core, polished	4.5 Kg	9.93 €
152 204	c	Precision nickel flat wound on nylon core, polished	4.8 Kg	17.84 €

### Viola strings for all instrument sizes available:

16" = scale 36.9 cm (standard size)

15" = scale 34.7 cm (2/3 size)

13" = scale 30.3 cm (1/2 size Junior Viola = 3/4 violin)

11" = scale 25.3 cm (1/6 size viola = 1/4 violin)

15.5" = scale 35.8 cm and 16.5" = scale 38.0 cm (here you can use our standard size viola strings)

14" = scale 32.5 cm (3/4 size, Intermediate Viola = 1/2 violin)

12" = scale 28.6 cm (1/4 size viola = 1/2 violin)

# CELLO STRINGS

## ALUMINIUM

Round aluminum wire is wound on steel core and is polished correctly. Perfect set for beginners and students.

Item	Tone	Description	Tension	Price
170 100	Set	Aluminum Cello		40.33 €
170 101	a	Aluminum wound on steel core, polished	11.5 Kg	8.73 €
170 102	d	Aluminum wound on steel core, polished	14.0 Kg	9.80 €
170 103	G	Aluminum wound on steel core, polished	13.0 Kg	9.92 €
170 104	C	Aluminum wound on steel core, polished	12.0 Kg	11.88 €

## GOLD

Precision made of pure nickel flat wire wound on a steel core and are polished correctly. They offer an excellent tone and timbre. Our best-seller, perfect for students.

Item	Tone	Description	Tension	Price
173 100	Set	Gold Cello		47.68 €
173 101	a	Nickel flat wound on steel core, polished	13.0 Kg	10.31 €
173 102	d	Nickel flat wound on steel core, polished	11.0 Kg	11.54 €
173 103	G	Nickel flat wound on steel core, polished	11.0 Kg	12.83 €
173 104	C	Nickel flat wound on steel core, polished	15.0 Kg	13.00 €

## SUPERIOR

Pure nickel flat wire wound is wound on a steel core of various gauges and specific gravities. The strings produce an excellent tone and timbre and respond easily, softly and accurately.

Item	Tone	Description	Tension	Price
176 100	Set	Superior Cello		54.63 €
176 101	a	Nickel flat wound on steel core, polished	11.0 Kg	11.83 €
176 102	d	Nickel flat wound on steel core, polished	11.0 Kg	13.05 €
176 103	G	Nickel flat wound on steel core, polished	13.0 Kg	14.62 €
176 104	C	Nickel flat wound on steel core, polished	13.0 Kg	15.13 €

## ULTRAFLEX

are high-quality professional strings. These multi-strand twisted steel core strings with excellent sensitiveness are perfect in fifth and extremely flexible. Experience of over a century of string-making guarantees highest quality.

Item	Tone	Description	Tension	Price
179 100	Set	Ultraflex Cello		68.97 €
179 101	a	Nickel flat wound on steel cable core, polished	12.0 Kg	11.88 €
179 102	d	Nickel flat wound on steel cable core, polished	8.5 Kg	16.02 €
179 103	G	Nickel flat wound on steel cable core, polished	13.3 Kg	19.94 €
179 104	C	Nickel flat wound on steel cable core, polished	13.8 Kg	21.13 €

## SOLOFLEX

are exceptional quality viola strings. Pure nickel flat wire is wound on a steel cable core. This favours the production of overtones, enlarging the frequencies and results in the most desirable tone quality. Extremely responsive, very flexible with outstanding tonal quality and volume.

Item	Tone	Description	Tension	Price
183 100	Set	Soloflex Cello		75.61 €
183 101	a	Nickel flat wound on steel cable core, polished	12.0 Kg	15.29 €
183 102	d	Nickel flat wound on steel cable core, polished	8.5 Kg	16.91 €
183 103	G	Nickel flat wound on steel cable core, polished	13.3 Kg	20.84 €
183 104	C	Nickel flat wound on steel cable core, polished	13.8 Kg	22.57 €

## SYNTHA-CORE

are strings for the true artist. Precision aluminum or nickel flat wire, depending on the particular string, is wound on a synthetic material core.

Item	Tone	Description	Tension	Price
185 200	Set	Syntha-core Cello		76.65 €
185 201	a	Precision aluminum flat wound on nylon core, polished	9.5 Kg	17.79 €
185 202	d	Precision nickel flat wound on nylon core, polished	8.5 Kg	18.83 €
185 203	G	Precision nickel flat wound on nylon core, polished	7.5 Kg	19.57 €
185 204	C	Precision nickel flat wound on nylon core, polished	9.5 Kg	20.46 €

### Cello strings for all instrument sizes:

$\frac{4}{4}$  size = scale 68.5 cm (standard size)  
 $\frac{1}{4}$  size = scale 52.3 cm

$\frac{3}{4}$  size = scale 62.2 cm  
 $\frac{1}{8}$  size = scale 46.0 cm

$\frac{1}{2}$  size = scale 58.6 cm

## DOUBLE BASS STRINGS

### ALUMINIUM

Perfect set for beginners and students. Round aluminum wire is wound on a steel core and is polished correctly.

Item	Tone	Description	Tension	Price
195 100	Set	Aluminum Double Bass		92.83 €
195 101	G	Aluminum wound on steel core, polished	28.7 Kg	18.82 €
195 102	D	Aluminum wound on steel core, polished	22.0 Kg	21.00 €
195 103	A <sub>1</sub>	Aluminum wound on steel core, polished	25.6 Kg	23.31 €
195 104	E <sub>1</sub>	Aluminum wound on steel core, polished	34.0 Kg	29.70 €

### BLACK TAPE NYLON

Item	Tone	Description	Tension	Price
197 100	Set	Black Tape Nylon Double Bass		113.91 €
197 101	G	Black Tape Nylon wound on steel core, polished	20.0 Kg	21.09 €
197 102	D	Black Tape Nylon wound on steel core, polished	20.0 Kg	30.78 €
197 103	A <sub>1</sub>	Black Tape Nylon wound on steel core, polished	25.0 Kg	29.45 €
197 104	E <sub>1</sub>	Black Tape Nylon wound on steel core, polished	23.0 Kg	32.59 €

### GOLD

Precision made with pure nickel flat wire wound on a steel core. Excellent tone and timbre The Pyramid Gold set are excellent pizzicato strings that are suitable for the occasional bowed passage.

Item	Tone	Description	Tension	Price
198 100	Set	Gold Double Bass		125.87 €
198 101	G	Nickel flat wound on steel core, polished	23.1 Kg	23.76 €
198 102	D	Nickel flat wound on steel core, polished	28.0 Kg	32.27 €
198 103	A <sub>1</sub>	Nickel flat wound on steel core, polished	32.0 Kg	33.16 €
198 104	E <sub>1</sub>	Nickel flat wound on steel core, polished	30.6 Kg	36.68 €

### SOLO BASS

Item	Tone	Description	Tension	Price
199 100	Set	Gold Double Bass, Solo Bass Tuning A <sub>1</sub> , E <sub>1</sub> , H, F Nickel flat wound on steel core, polished	27.5 Kg	125.87 €

### SOLOFLEX

Professional highest-quality bass strings. Pure nickel flat wire is wound on a woven steel cable core.

Item	Tone	Description	Tension	Price
207 100	Set	Soloflex Double Bass G, D, A <sub>1</sub> , E <sub>1</sub> Nickel flat wound on steel cable core, polished	18.0 Kg	166.28 €

### GOLD GUT STRINGS

are professional highest-quality bass strings. Selected plain gut, depending on the particular string, and pure nickel flat wire is wound on plain gut core. Gut strings have the warmest sound, traditional to stringed instrument playing. Strings with excellent flexibility and feel, warm and rich sound with dark overtones.

Item	Tone	Description	Tension	Price
213 300	Set	Gut Double Bass with A <sub>1</sub> plain gut		523.94 €
214 300	Set	Gut Double Bass with A <sub>1</sub> silver-plated wound on gut		548.10 €
213 301	G	Plain gut	22.0 Kg	88.97 €
213 302	D	Plain gut	22.0 Kg	109.84 €
213 303	A <sub>1</sub>	Plain gut	20.0 Kg	138.41 €
214 303	A <sub>1</sub>	Silver-plated wound on gut core	25.0 Kg	162.57 €
213 304	E <sub>1</sub>	Silver-plated wound on gut core	31.0 Kg	186.72 €

### NYLON

double bass strings are a fine choice for the folk or jazz player who primarily plays pizzicato and is looking for a deep, driving percussive sound, where overtones are less important.

Item	Tone	Description	Tension	Price
217 200	Set	Nylon Double Bass with A <sub>1</sub> plain nylon		86.48 €
218 200	Set	Nylon Double Bass with A <sub>1</sub> silver-plated wound on nylon		105.87 €
217 201	G	Plain nylon	21.0 Kg	14.33 €
217 202	D	Plain nylon	23.0 Kg	15.02 €
217 203	A <sub>1</sub>	Plain nylon	17.0 Kg	15.68 €
218 203	A <sub>1</sub>	Silver-plated wound on nylon core	25.0 Kg	35.07 €
217 204	E <sub>1</sub>	Silver-plated wound on nylon core	32.0 Kg	41.45 €

We also supply high c and low C and H strings.

#### Double Bass Strings for all instrument sizes available:

$\frac{3}{4}$  size = scale 108-111 cm

$\frac{3}{4}$  size = scale 104-106 cm (standard size)

$\frac{1}{2}$  size = scale 95-98 cm

$\frac{1}{4}$  size = scale 91-91.5 cm

$\frac{1}{8}$  size = scale 80.5 cm

## LUTE STRINGS

We make lute strings for all historical lute instruments,

- Treble (Soprano) Lute
- Renaissance Lute
- Baroque Lute
- Tenor Lute
- A- and D-Lute
- Theorbo
- Bass Lute
- Vihuela
- Baroque Guitar

## VIOLA DA GAMBA STRINGS

We make lute strings for all historical gamba instruments,

- Paradessus
- Treble/Soprano
- Alto/Tenor
- Tenor/Bass
- Double Bass (Violone)
- Baroque Violin- Viola- and Cello

## STRINGS FOR HISTORICAL BOW AND PLUCKED-STRING INSTRUMENTS

We also manufacture strings for:

- Hurdy-Gurdy
- Milanese Mandolin
- Neapolitan Mandolin
- Treble Rebec
- Alt/Tenor Rebec
- Bass Rebec
- Chitarrone
- Cittern
- Orpharion
- Pandure

We supply plain gut strings, gut for frets, perlon for frets, steel-, bronze and brass strings with ball or loop end. Accessories like our string calculator for lute strings, fingerboard oil, saddle powder, composition for pegs, polish and string oil. Please ask for detailed catalogue



## SPECIAL DESIGNED STRINGS / CUSTOM-MADE STRINGS

### PLAIN STRINGS

Steel strings with ball end or loop end, 100 cm length  
Available gauges from 0.18 - 0.70 mm

Bronze strings with ball end or loop end, 100 cm length  
Available gauges from 0.20 - 0.70 mm

Brass strings with ball end or loop end, 100 cm length  
Available gauges from 0.20 - 0.70 mm

Longer strings available with an extra surcharge:  
120 cm, 140 cm, 160cm

### WOUND STRINGS (STEEL & BRONZE CORE STRINGS)

100 cm length with ball end or loop end  
Steel (core wire) wound with silver-plated copper  
(steel gauges from 0.18 mm to 0.60 mm / silver-plated copper wires from 0.05 mm to 0.90 mm)

Bronze (core wire) wound with brass  
(bronze gauges from 0.20 mm to 0.60 mm / brass wires from 0.05 mm bis 0.90 mm)

Longer strings 120 cm, 140 cm, 160 cm charged plus an extra surcharge.



## GUITAR STRINGS

Item	Type	Description	Price
396 200	7-string Russian Guitar, Nylon	<b>Scale 64-66 cm, Tension 7.0 kg</b> d <sup>1</sup> , b plain nylon g, d, B, G, D Silver-plated copper wound on nylon silk	31.55 €
397 200	8-string Guitar, Nylon	<b>Scale 64-66 cm, Tension 7.0 kg</b> e <sup>1</sup> , b, g plain nylon d, A, E, D, C Silver-plated copper wound on nylon silk	32.82 €
472 200	Alto Guitar 6-string, Nylon	<b>Scale 40-50 cm, Tension 5.0 kg</b> d <sup>2</sup> , a <sup>1</sup> , f <sup>1</sup> plain nylon c <sup>1</sup> , g, d Silver-plated copper wound on nylon silk	26.87 €
474 200	Terz Guitar 6-string, Nylon	<b>Scale 54-58 cm, Tension 6.0 kg</b> g <sup>1</sup> , d <sup>1</sup> rectified nylon b, f, c, G Silver-plated copper wound on nylon silk	27.32 €
C474 200	Terz Guitar 6-string, Carbon	<b>Scal 54-58 cm, Tension 6.0 kg</b> g <sup>1</sup> , d <sup>1</sup> , b carbon f, c, G Silver-plated copper wound on nylon silk	31.28 €
476 200	Quart Guitar 6-string, Nylon	<b>Scale 46-50 cm</b> a <sup>1</sup> , e <sup>1</sup> , c <sup>1</sup> rectified nylon g, d, A Silver-plated copper wound on nylon silk	27.42 €
478 200	Quint Guitar 6-string, Nylon	<b>Scale 42-46 cm</b> b <sup>1</sup> , fis <sup>1</sup> , d <sup>1</sup> rectified nylon a, e, B Silver-plated copper wound on nylon silk	27.95 €
479 200	Sext Guitar 4-string, Nylon	<b>Scale 38-39 cm</b> a <sup>1</sup> , d <sup>1</sup> plain nylon g, c Silver-plated copper wound on nylon silk	14.23 €
480 200	Double Bass Guitar 6-string, Nylon	<b>Scale 72-76 cm</b> e, B, G, D, A <sub>1</sub> , E <sub>1</sub> Silver-plated copper wound on nylon silk	39.22 €
398 200	10-string Guitar, Nylon	<b>Scale 64-66 cm, Tension 6.9 kg</b> e <sup>1</sup> , b, g plain nylon d, A, E, D, C, B <sub>1</sub> , A <sub>1</sub> Silver-plated copper wound on nylon silk	45.47 €
399 200	12-string Guitar, Nylon	<b>Scale 64-66 cm, Tension 7.0 kg</b> e <sup>1</sup> e <sup>1</sup> , b b, g g <sup>1</sup> plain nylon d d <sup>1</sup> , A a, E e Silver-plated copper wound on nylon silk	36.91 €
482 200	Quintbass Guitar 6-string, Nylon	<b>Scale 68-72 cm</b> a plain nylon e, c, G, D, A <sub>1</sub> Silver-plated copper wound on nylon silk	28.12 €
483 200	Sextbass Guitar 6-string, Nylon	<b>Scale 68-72 cm</b> c <sup>1</sup> plain nylon g, es, B, F, C Silver-plated copper wound on nylon silk	33.07 €
484 200	Septimbass Guitar 6-string, Nylon	<b>Scale 68-72 cm</b> d <sup>1</sup> , a plain nylon f, c, G, D Silver-plated copper wound on nylon silk	29.30 €
485 100	Portuguese Guitar 12-string, Steel	<b>Scale 47 cm (please give us the exact length from loop end to loop end)</b> g <sup>1</sup> g <sup>1</sup> , e <sup>1</sup> e <sup>1</sup> , c <sup>1</sup> c <sup>1</sup> Silver-plated steel g g, e e, c c Silver-plated copper wound on steel core	64.72 €
486 100	Oktave Guitar 6-string, Steel	<b>Scale 37-39 cm, Tension 5.0 kg</b> e <sup>2</sup> , b <sup>1</sup> , g <sup>1</sup> Silberstahl d <sup>1</sup> , a, e Silver-plated copper wound on steel core	21.68 €
487 200	Oktave Guitar 6-string, Nylon	<b>Scale 38-40 cm, Tension 5.2 kg</b> e <sup>2</sup> , b <sup>1</sup> , g <sup>1</sup> plain nylon d <sup>1</sup> , a, e Silver-plated copper wound on nylon silk	22.21 €
490/13	Bass Guitar 13-string, Steel	<b>Accomp. Scale 63-65 cm, Bordun Scale 67 up to 93 cm</b> e <sup>1</sup> , b Silver-plated steel g, d, A, E, Es, D, Cis, C, B <sub>1</sub> , B <sub>1</sub> , A <sub>1</sub> Silver-plated copper wound on steel core	37.98 €
490/15	Bass Guitar 15-string, Steel	<b>Gis<sub>1</sub>, G<sub>1</sub> Silver-plated copper wound on steel core</b>	47.42 €
492/13	Bass Guitar 13-string, Nylon	<b>Accomp. Scale 63-65 cm, Bordun Scale 67 up to 93 cm</b> e <sup>1</sup> , b, g plain nylon d, A, E, Es, D, Cis, C, B <sub>1</sub> , B <sub>1</sub> , A <sub>1</sub> Silver-plated copper wound on nylon silk	37.09 €
492/15	Bass Guitar 15-string, Nylon	<b>Gis<sub>1</sub>, G<sub>1</sub> Silver-plated copper wound on nylon silk</b>	46.63 €



## HAWAIIAN GUITAR STRINGS

### HAWAIIAN GUITAR e<sup>1</sup> TUNING

Scale 58 cm

Item	Tone	Description	Price
460/6	Set	<b>Hawaiian Guitar 6-string</b> Silver-plated steel .016 .018 .020 – Pure nickel wound .025 .031 .037	8.96 €
460/8	Set	<b>Hawaiian Guitar 8-string</b> Pure nickel wound .041 .059	15.61 €

### HAWAIIAN GUITAR A TUNING

Scale 58 cm

Item	Tone	Description	Price
462/6	Set	<b>Hawaiian Guitar 6-string</b> Silver-plated steel .016 .018 .022 – Pure nickel wound .027 .031 .037	9.11 €
462/8	Set	<b>Hawaiian Guitar 8-string</b> Pure nickel wound .046 .055	15.76 €

### GOLD HAWAIIAN GUITAR

Scale 58 cm, pure nickel flatwound

Item	Tone	Description	Price
464/6	Set	<b>Hawaiian Guitar 6-string</b> Silver-plated steel .016 .018 .022 – Pure nickel flat wound .032 .046 .057	23.46 €
464/8	Set	<b>Hawaiian Guitar 8-string</b> Silver-plated steel .016 .018 .022 – Pure nickel flat wound .032 .046 .057 .060 .090	41.56 €

## PEDAL STEEL GUITAR STRINGS

### PEDAL STEEL GUITAR – 10-string, pure nickel roundwound

Scale 58 cm, neck 1, C-6th tuning

Item	Tone	Description	Price
470/10	Set	<b>Pedal Steel Guitar 10-string</b> Silver-plated steel .012 .015 .018 .020 – Pure nickel wound .025 .031 .043 .047 .060 .080	22.92 €

Scale 58 cm, neck 2, E-9th tuning

Item	Tone	Description	Price
471/10	Set	<b>Pedal Steel Guitar 10-string</b> Silver-plated steel .013 .015 .011 .015 .016 – Pure nickel wound .022 .026 .030 .034 .040	14.61 €

### PEDAL STEEL GUITAR – 10-string, stainless steel

Scale 58 cm, neck 1, C-6th tuning

Item	Tone	Description	Price
472/10	Set	<b>Pedal Steel Guitar 10-string</b> Silver-plated steel .012 .014 .017 .020 – Stainless steel wound .024 .030 .036 .042 .054 .068	22.91 €

Scale 58 cm, neck 2, E-9th tuning

Item	Tone	Description	Price
473/10	Set	<b>Pedal Steel Guitar 10-string</b> Silver-plated steel .012 .015 .011 .014 .018 – Stainless steel wound .022 .026 .030 .034 .038	14.61 €

### LAP STEEL (SLIDER) GUITAR – 6-string

Nickel, scale 58 cm

Item	Tone	Description	Price
465/6	Set	<b>Lap Steel Guitar 6-string</b> Silver-plated steel E.015 Cis.018 – Pure nickel wound A.022 Fis.025 Dis.030 B.040	6.83 €

### LAP STEEL (SLIDER) GUITAR – 8-string, B-11th Tuning

Nickel, scale 58 cm

Item	Tone	Description	Price
465/8	Set	<b>Lap Steel Guitar 8-string</b> Silver-plated steel E.015 Cis.018 – Pure nickel wound A.022 Fis.025 Dis.030 Cis.034 B.040 A.046	10.58 €

## CHILDREN & YOUTH GUITAR STRINGS

These strings have been developed specially for children and smaller size guitars. The right tensile force must be chosen for each vibrating length, to ensure good sound and ease of playing.

We design and manufacture them specially to aid the beginner in his early, more difficult time of learning to play the guitar. You will be surprised by the good sound of these strings despite of the smaller vibrating length.

### NYLON

for instrument scale 45-50 cm =  $\frac{1}{4}$  size

Item	Tone	Description	Tension	Price
387 200	Set	Children/ -Youth Guitar		12.59 €
387 201	e <sup>1</sup>	Plain nylon	5.1 Kg	1.35 €
387 202	b	Plain nylon	3.7 Kg	1.41 €
387 203	g	Plain nylon	2.8 Kg	1.47 €
387 204	d	Silver-plated copper wound on nylon silk	5.6 Kg	2.62 €
387 205	A	Silver-plated copper wound on nylon silk	5.4 Kg	2.69 €
387 206	E	Silver-plated copper wound on nylon silk	5.0 Kg	3.05 €

for instrument scale 51-56 cm =  $\frac{1}{2}$  size

Item	Tone	Description	Tension	Price
388 200	Set	Children/ -Youth Guitar		12.59 €
388 201	e <sup>1</sup>	Plain nylon	7.0 Kg	1.35 €
388 202	b	Plain nylon	5.1 Kg	1.41 €
388 203	g	Plain nylon	5.0 Kg	1.47 €
388 204	d	Silver-plated copper wound on nylon silk	6.0 Kg	2.62 €
388 205	A	Silver-plated copper wound on nylon silk	6.1 Kg	2.69 €
388 206	E	Silver-plated copper wound on nylon silk	5.4 Kg	3.05 €

for instrument scale 57-62 cm =  $\frac{3}{4}$  size

Item	Tone	Description	Tension	Price
389 200	Set	Children/ -Youth Guitar		12.59 €
389 201	e <sup>1</sup>	Plain nylon	6.1 Kg	1.35 €
389 202	b	Plain nylon	4.5 Kg	1.41 €
389 203	g	Plain nylon	4.4 Kg	1.47 €
389 204	d	Silver-plated copper wound on nylon silk	7.2 Kg	2.62 €
389 205	A	Silver-plated copper wound on nylon silk	7.0 Kg	2.69 €
389 206	E	Silver-plated copper wound on nylon silk	6.2 Kg	3.05 €

3<sup>rd</sup> wound strings

Item	Tone	Description	Price
387 003	g	Silver-plated copper wound on nylon silk	3.51 €
388 003	g	Silver-plated copper wound on nylon silk	3.51 €
389 003	g	Silver-plated copper wound on nylon silk	3.51 €

### CARBON

for instrument scale 45-50 cm, tension ca. 4.6 kg

Item	Tone	Description	Tension	Price
C387 200	Set	Children/ -Youth Guitar		16.59 €
C387 201	e <sup>1</sup>	Fluro Carbon	5.2 Kg	2.34 €
C387 202	b	Fluro Carbon	4.7 Kg	2.69 €
C387 203	g	Fluro Carbon	3.6 Kg	3.20 €

for instrument scale 51-56 cm, tension ca. 5.7 kg

Item	Tone	Description	Tension	Price
C388 200	Set	Children/ -Youth Guitar		16.59 €
C388 201	e <sup>1</sup>	Fluro Carbon	5.4 Kg	2.34 €
C388 202	b	Fluro Carbon	5.0 Kg	2.69 €
C388 203	g	Fluro Carbon	5.2 Kg	3.20 €

for instrument scale 57-61 cm, tension ca. 5.9 kg

Item	Tone	Description	Tension	Price
C389 200	Set	Children/ -Youth Guitar		16.59 €
C389 201	e <sup>1</sup>	Fluro Carbon	6.0 Kg	2.34 €
C389 202	b	Fluro Carbon	5.5 Kg	2.69 €
C389 203	g	Fluro Carbon	5.4 Kg	3.20 €

# CLASSICAL GUITAR STRINGS

## NYLON

Scale 65 cm, tension ca. 7.0 kg. Student line, reliable, moderate price quality. Our best-seller. Silver-plated copper wound on nylon silk core.

Item	Tone	Description	Tension	Price
341 200	Set	Classical Guitar		5.27 €
341 201	e <sup>1</sup>	Plain nylon 0.70 mm	6.9 Kg	0.63 €
341 202	b	Plain nylon 0.80 mm	5.2 Kg	0.67 €
341 203	g	Plain nylon 1.00 mm	5.5 Kg	0.77 €
341 204	d	Silver-plated copper wound on nylon silk	7.3 Kg	0.96 €
341 205	A	Silver-plated copper wound on nylon silk	7.2 Kg	1.07 €
341 206	E	Silver-plated copper wound on nylon silk	6.7 Kg	1.17 €

## COLOR

Scale 65 cm, tension ca. 7.0 kg. Affordable and attractive on your instrument. The wires are coated with coloured protective enamel. This gives corrosion resistance to all wound strings. As the layer is wafer-thin to guarantee a brilliant sound, it might wear off under extensive abuse, but this has no negative effect on the sound.

Item	Tone	Description	Tension	Price
C341 200	Set	Classical guitar COLOR		7.07 €
C341 201	e <sup>1</sup>	Plain nylon 0.70 mm yellow	6.9 Kg	0.85 €
C341 202	b	Plain nylon 0.80 mm yellow	5.2 Kg	0.90 €
C341 203	g	Plain nylon 1.00 mm red	5.5 Kg	1.07 €
C341 204	d	Red coated copper wound on nylon silk	7.3 Kg	1.27 €
C341 205	A	Black coated copper wound on nylon silk	7.2 Kg	1.41 €
C341 206	E	Black coated copper wound on nylon silk	6.7 Kg	1.57 €

## BLACK WIRES

Scale 65 cm, tension ca. 7.0 kg. Affordable and attractive on your instrument. The wires are coated with black coloured protective enamel. This gives corrosion resistance to all wound strings. As the layer is wafer-thin to guarantee a brilliant sound, it might wear off under extensive abuse, but this has no negative effect on the sound.

Item	Tone	Description	Tension	Price
C342 200	Set	Classical Guitar Black Wires		7.07 €
C342 201	e <sup>1</sup>	Plain nylon 0.70 mm black	6.9 Kg	0.85 €
C342 202	b	Plain nylon 0.80 mm black	5.2 Kg	0.90 €
C342 203	g	Plain nylon 1.00 mm black	5.5 Kg	1.07 €
C342 204	d	Black coated copper on nylon silk	7.3 Kg	1.27 €
C342 205	A	Black coated copper on nylon silk	7.2 Kg	1.41 €
C342 206	E	Black coated copper on nylon silk	6.7 Kg	1.57 €

## 7-STRING

Item	Tone	Description	Tension	Price
344 200	Set	Classical Guitar 7-string		7.12 €
344 201	e <sup>1</sup>	Plain nylon 0.70 mm	6.9 Kg	0.63 €
344 202	b	Plain nylon 0.90 mm	5.2 Kg	0.77 €
344 203	g	Plain nylon 1.05 mm	5.5 Kg	0.77 €
344 204	d	Silver-plated copper wound on nylon silk	7.3 Kg	0.96 €
344 205	A	Silver-plated copper wound on nylon silk	7.2 Kg	1.07 €
344 206	E	Silver-plated copper wound on nylon silk	6.7 Kg	1.17 €
344 207	B	Silver-plated copper wound on nylon silk	6.3 Kg	1.75 €

## FLAMENCO

Scale 65 cm, special constructed for lighter Flamenco Guitars

Item	Tone	Description	Tension	Price
360 200	Set	Flamenco Guitar, normal tension		9.10 €
360 201	e <sup>1</sup>	Plain nylon 0.70 mm black	6.9 Kg	0.85 €
360 202	b	Plain nylon 0.80 mm black	5.2 Kg	0.90 €
360 203	g	Plain nylon 1.00 mm black	5.5 Kg	1.07 €
360 204	d	Silver-plated copper wound on nylon silk	5.6 Kg	1.97 €
360 205	A	Silver-plated copper wound on nylon silk	5.4 Kg	2.02 €
360 206	E	Silver-plated copper wound on nylon silk	5.3 Kg	2.29 €

361 200	Set	Flamenco Guitar, hard tension		9.10 €
361 201	e <sup>1</sup>	Plain nylon 0.70 mm black	6.9 Kg	0.85 €
361 202	b	Plain nylon 0.80 mm black	5.2 Kg	0.90 €
361 203	g	Plain nylon 1.00 mm black	5.5 Kg	1.07 €
361 204	d	Silver-plated copper wound on nylon silk	6.2 Kg	1.97 €
361 205	A	Silver-plated copper wound on nylon silk	5.7 Kg	2.02 €
361 206	E	Silver-plated copper wound on nylon silk	5.6 Kg	2.29 €

## CLASSICAL GUITAR “EXCELSIOR”

The strings for individualists with greatest demands upon quality. The treble strings are of high-quality nylon rectified with perfect fifths. The bass strings are of silver-plated copper wire, wound under constant tension on a core of high strength nylon silk.

Every player can choose among 5 balanced sets of strings for the tension of his preference:

Very low, low, medium, hard and extra hard

### VERY LOW TENSION

Item	Tone	Description	Tension	Price
381 200	Set	Classical Guitar Excelsior, very low tension		12.41 €
381 201	e <sup>1</sup>	Rectified nylon 0.650 mm	6.2 Kg	1.92 €
381 202	b	Rectified nylon 0.850 mm	6.0 Kg	2.08 €
381 203	g	Rectified nylon 1.000 mm	5.2 Kg	2.13 €
381 204	d	Silver-plated copper wound on nylon silk	5.6 Kg	1.97 €
381 205	A	Silver-plated copper wound on nylon silk	5.8 Kg	2.02 €
381 206	E	Silver-plated copper wound on nylon silk	5.8 Kg	2.29 €

### LOW TENSION

Item	Tone	Description	Tension	Price
382 200	Set	Classical Guitar Excelsior, low tension		12.41 €
382 201	e <sup>1</sup>	Rectified nylon 0.675 mm	6.6 Kg	1.92 €
382 202	b	Rectified nylon 0.875 mm	6.4 Kg	2.08 €
382 203	g	Rectified nylon 1.025 mm	6.0 Kg	2.13 €
382 204	d	Silver-plated copper wound on nylon silk	6.0 Kg	1.97 €
382 205	A	Silver-plated copper wound on nylon silk	6.4 Kg	2.02 €
382 206	E	Silver-plated copper wound on nylon silk	6.2 Kg	2.29 €

### MEDIUM TENSION

Item	Tone	Description	Tension	Price
383 200	Set	Classical Guitar Excelsior, normal tension		12.41 €
383 201	e <sup>1</sup>	Rectified nylon 0.700 mm	7.2 Kg	1.92 €
383 202	b	Rectified nylon 0.925 mm	7.0 Kg	2.08 €
383 203	g	Rectified nylon 1.050 mm	5.7 Kg	2.13 €
383 204	d	Silver-plated copper wound on nylon silk	6.4 Kg	1.97 €
383 205	A	Silver-plated copper wound on nylon silk	6.8 Kg	2.02 €
383 206	E	Silver-plated copper wound on nylon silk	6.4 Kg	2.29 €

### HARD TENSION

Item	Tone	Description	Tension	Price
384 200	Set	Classical Guitar Excelsior, hard tension		12.41 €
384 201	e <sup>1</sup>	Rectified nylon 0.725 mm	7.2 Kg	1.92 €
384 202	b	Rectified nylon 0.950 mm	7.0 Kg	2.08 €
384 203	g	Rectified nylon 1.050 mm	5.7 Kg	2.13 €
384 204	d	Silver-plated copper wound on nylon silk	7.0 Kg	1.97 €
384 205	A	Silver-plated copper wound on nylon silk	7.1 Kg	2.02 €
384 206	E	Silver-plated copper wound on nylon silk	6.7 Kg	2.29 €

### EXTRA HARD

Item	Tone	Description	Tension	Price
385 200	Set	Classical Guitar Excelsior, very hard tension		12.41 €
385 201	e <sup>1</sup>	Rectified nylon 0.750 mm	8.0 Kg	1.92 €
385 202	b	Rectified nylon 0.975 mm	8.0 Kg	2.08 €
385 203	g	Rectified nylon 1.050 mm	6.0 Kg	2.13 €
385 204	d	Silver-plated copper wound on nylon silk	7.4 Kg	1.97 €
385 205	A	Silver-plated copper wound on nylon silk	7.6 Kg	2.02 €
385 206	E	Silver-plated copper wound on nylon silk	7.2 Kg	2.29 €

### 3<sup>RD</sup> WOUND STRINGS

Item	Tone	Description	Tension	Price
381 003	g	Silver-plated copper wound, very low tension	6.0 Kg	2.22 €
382 003	g	Silver-plated copper wound, low tension	6.2 Kg	2.22 €
383 003	g	Silver-plated copper wound, normal tension	6.8 Kg	2.22 €
384 003	g	Silver-plated copper wound, hard tension	7.2 Kg	2.22 €
385 003	g	Silber-plated copper wound, extra hard tension	7.2 Kg	2.22 €

## SUPER CLASSIC “DOUBLE SILVER”

Super Classic strings are perfect in octaves and sensitive. They produce a clear and pure sound, are rich in overtones, respond easily, keep their tuning and are comfortable to play. The sound is perfect in any position. Especially the treble strings emphasize through their brilliance of sound

the quality of the instrument. The inherent stiffness of a string which hinders ease and comfort also restricts its vibratory qualities. Compared to the normal guitar string, we have been able to decrease this stiffness in our Super Classics.

### LOW TENSION

Item	Tone	Description	Tension	Price
368 200	Set	Classical Guitar Super Classic Double Silver, soft tension		19.54 €
368 201	e <sup>1</sup>	Special nylon 0.70 mm	7.2 Kg	2.23 €
368 202	b	Special nylon 0.80 mm	5.3 Kg	2.29 €
368 203	g	Special nylon 1.00 mm	5.2 Kg	2.41 €
368 204	d	Double-Silver-plated copper wound on nylon silk	5.6 Kg	4.04 €
368 205	A	Double-Silver-plated copper wound on nylon silk	6.0 Kg	4.20 €
368 206	E	Double-Silver-plated copper wound on nylon silk	5.7 Kg	4.37 €

### MEDIUM TENSION

Item	Tone	Description	Tension	Price
369 200	St	Classical Guitar Super Classic Double Silver, normal tension		19.54 €
369 201	e <sup>1</sup>	Special nylon 0.70 mm	7.2 Kg	2.23 €
369 202	b	Special nylon 0.80 mm	5.3 Kg	2.29 €
369 203	g	Special nylon 1.00 mm	5.2 Kg	2.41 €
369 204	d	Double-Silver-plated copper wound on nylon silk	5.6 Kg	4.04 €
369 205	A	Double-Silver-plated copper wound on nylon silk	6.3 Kg	4.20 €
369 206	E	Double-Silver-plated copper wound on nylon silk	6.0 Kg	4.37 €

### HARD TENSION

Item	Tone	Description	Tension	Price
370 200	Set	Classical Guitar Super Classic Double Silver, hard tension		19.54 €
370 201	e <sup>1</sup>	Special nylon 0.70 mm	7.2 Kg	2.23 €
370 202	b	Special nylon 0.80 mm	5.3 Kg	2.29 €
370 203	g	Special nylon 1.00 mm	5.2 Kg	2.41 €
370 204	d	Double-Silver-plated copper wound on nylon silk	6.2 Kg	4.04 €
370 205	A	Double-Silver-plated copper wound on nylon silk	6.7 Kg	4.20 €
370 206	E	Double-Silver-plated copper wound on nylon silk	6.3 Kg	4.37 €

### EXTRA HARD TENSION

Item	Tone	Description	Tension	Price
371 200	Set	Classical Guitar Super Classic Double Silver, extra hard tension		19.54 €
371 201	e <sup>1</sup>	Special nylon 0.70 mm	7.2 Kg	2.23 €
371 202	b	Special nylon 0.80 mm	5.3 Kg	2.29 €
371 203	g	Special nylon 1.00 mm	5.2 Kg	2.41 €
371 204	d	Double-Silver-plated copper wound on nylon silk	6.8 Kg	4.04 €
371 205	A	Double-Silver-plated copper wound on nylon silk	7.2 Kg	4.20 €
371 206	E	Double-Silver-plated copper wound on nylon silk	6.7 Kg	4.37 €

## SUPER CLASSIC “DOUBLE SILVER”, fluoro carbon trebles

Super Classic strings are perfect in octaves and sensitive. They produce a clear and pure sound, are rich in overtones, respond easily, keep their tuning and are comfortable to play. The sound is perfect in any position. Especially the treble strings emphasise through their brilliance of sound

the quality of the instrument. The inherent stiffness of a string which hinders ease and comfort also restricts its vibratory qualities. Compared to the normal guitar string, we have been able to decrease this stiffness in our Super Classics.

### LOW TENSION

Item	Tone	Description	Tension	Price
C368 200	Set	Classical Guitar Super Classic Double Silver, low tension		20.84 €
C368 201	e <sup>1</sup>	Fluro Carbon	6.9 Kg	2.34 €
C368 202	b	Fluro Carbon	6.7 Kg	2.69 €
C368 203	g	Fluro Carbon	6.2 Kg	3.20 €
368 204	d	Double-Silver-plated copper wound on nylon silk	5.6 Kg	4.04 €
368 205	A	Double-Silver-plated copper wound on nylon silk	6.0 Kg	4.20 €
368 206	E	Double-Silver-plated copper wound on nylon silk	5.7 Kg	4.37 €

### MEDIUM TENSION

Item	Tone	Description	Tension	Price
C369 200	Set	Classical Guitar Super Classic Double Silver, normal tension		20.84 €
C369 201	e <sup>1</sup>	Fluro Carbon	9.0 Kg	2.34 €
C369 202	b	Fluro Carbon	6.7 Kg	2.69 €
C369 203	g	Fluro Carbon	6.2 Kg	3.20 €
369 204	d	Double-Silver-plated copper wound on nylon silk	5.6 Kg	4.04 €
369 205	A	Double-Silver-plated copper wound on nylon silk	6.3 Kg	4.20 €
369 206	E	Double-Silver-plated copper wound on nylon silk	6.0 Kg	4.37 €

### HARD TENSION

Item	Tone	Description	Tension	Price
C370 200	Set	Classical Guitar Super Classic Double Silver, hard tension		20.84 €
C370 201	e <sup>1</sup>	Fluro Carbon	9.6 Kg	2.34 €
C370 202	b	Fluro Carbon	7.1 Kg	2.69 €
C370 203	g	Fluro Carbon	6.5 Kg	3.20 €
370 204	d	Double-Silver-plated copper wound on nylon silk	6.2 Kg	4.04 €
370 205	A	Double-Silver-plated copper wound on nylon silk	6.7 Kg	4.20 €
370 206	E	Double-Silver-plated copper wound on nylon silk	6.3 Kg	4.37 €

### EXTRA HARD TENSION

Item	Tone	Description	Tension	Price
C371 200	Set	Classical Guitar Super Classic Double Silver, extra hard tension		20.84 €
C371 201	e <sup>1</sup>	Fluro Carbon	9.6 Kg	2.34 €
C371 202	b	Fluro Carbon	7.1 Kg	2.69 €
C371 203	g	Fluro Carbon	6.5 Kg	3.20 €
371 204	d	Double-Silver-plated copper wound on nylon silk	6.8 Kg	4.04 €
371 205	A	Double-Silver-plated copper wound on nylon silk	7.2 Kg	4.20 €
371 206	E	Double-Silver-plated copper wound on nylon silk	6.7 Kg	4.37 €

### CARBON VERSUS NYLON

Fluro-carbon (polyvinyliden fluorid) has a higher density compared to nylon. So when replacing a nylon string with a carbon string a smaller diameter is used. This results in a decreased bending stiffness and the string vibrates more easily. This emphasizes the upper harmonics and results in a more brilliant timbre.

The reduced inharmonicity is physically detectable and proven.

Plain and polished carbon strings show a behavior analogue to nylon strings. The polishing is also an additional processing of the diameter. Compared to the reliable nylon strings especially the polished carbon strings are more sensitive to sharp-edged bridges and frets. But past experience has shown that this concerns only the smallest diameters.

#### Results:

The durability of nylon strings is excellent while carbon offers a more brilliant timbre.

## SUPER CLASSIC "STERLING SILVER", nylon

### MEDIUM TENSION

Nylon trebles from set item 369 200

Item	Tone	Description	Tension	Price
376 200	Set	Classical Guitar Super Classic Sterling Silver, normal tension		28.25 €
376 204	d	Sterling Silver wound on nylon silk	7.3 Kg	5.97 €
376 205	A	Sterling Silver wound on nylon silk	7.3 Kg	6.85 €
376 206	E	Sterling Silver wound on nylon silk	6.7 Kg	8.50 €

### HARD TENSION

Nylon trebles from set item 370 200

Item	Tone	Description	Tension	Price
377 200	Set	Classical Guitar Super Classic Sterling Silver, hard tension		28.25 €
377 204	d	Sterling Silver wound on nylon silk	7.9 Kg	5.97 €
377 205	A	Sterling Silver wound on nylon silk	8.0 Kg	6.85 €
377 206	E	Sterling Silver wound on nylon silk	7.5 Kg	8.50 €

## SUPER CLASSIC "STERLING SILVER", fluro carbon trebles

### MEDIUM TENSION

Fluro carbon trebles from set item C369 200

Item	Tone	Description	Tension	Price
C376 200	Set	Classical Guitar Super Classic Sterling Silver, normal tension		29.54 €
376 204	d	Sterling Silver wound on nylon silk	7.3 Kg	5.97 €
376 205	A	Sterling Silver wound on nylon silk	7.3 Kg	6.85 €
376 206	E	Sterling Silver wound on nylon silk	6.7 Kg	8.50 €

### HARD TENSION

Fluro carbon trebles from set item C370 200

Item	Tone	Description	Tension	Price
C377 200	Set	Classical Guitar Super Classic Sterling Silver, hard tension		29.54 €
377 204	d	Sterling Silver wound on nylon silk	7.9 Kg	5.97 €
377 205	A	Sterling Silver wound on nylon silk	8.0 Kg	6.85 €
377 206	E	Sterling Silver wound on nylon silk	7.5 Kg	8.50 €

## CLASSICAL GUITAR GUT STRINGS

Item	Type	Description	Price
350 300	Classical Guitar Gut 6-string	<b>Tension 6.6 kg</b> e <sup>1</sup> , h, g plain gut d, A, E Silver-plated copper wound on gut core	103.86 €
351 300	Classical Guitar Gut/Nylon Combination 6-string	<b>Tension 6.7 kg</b> e <sup>1</sup> , h, g plain gut d, A, E Silver-plated copper on nylon silk	59.51 €

## CLASSICAL GUITAR, polished

Brass polished, ca. 6.9 kg tension.

Item	Tone	Description	Tension	Price
353 200	Set	Classical Guitar Brass wound & polished		25.04 €
353 201	e <sup>1</sup>	Rectified nylon 0.700 mm	7.2 Kg	1.92 €
353 202	b	Rectified nylon 0.925 mm	7.0 Kg	2.07 €
353 203	g	Rectified nylon 1.050 mm	5.7 Kg	2.13 €
353 204	d	Brass wound on nylon silk, polished	7.2 Kg	6.06 €
353 205	A	Brass wound on nylon silk, polished	7.0 Kg	6.30 €
353 206	E	Brass wound on nylon silk, polished	7.0 Kg	6.56 €



# ACOUSTIC GUITAR STRINGS

## SUPER LIGHT

Set .009-.042, tension ca. 6.5 kg.

Item	Tone	Description	Price
301 100	Set	Acoustic Guitar .009 .013 .017w .023 .031 .042	6.40 €

## SEMI LIGHT – Gypsy Jazz Django Style

Set .010-.045, tension ca.9.0 kg. All strings with ball end (loop end on request).

Item	Tone	Description	Price
302 100	Set	Acoustic Guitar .010 .014 .022 .028 .036 .045	5.88 €

## LIGHT – Gypsy Jazz Django Style

Set .011-.046, tension ca. 9.7 kg. All strings with ball end (loop end on request).

Item	Tone	Description	Price
303 100	Set	Acoustic Guitar .011 .015 .023 .029 .037 .046	5.88 €

## MEDIUM

Set .011-.047, tension ca. 8.5 kg. Reliable moderate priced quality. Perfectly fitted for smaller acoustic, vintage, arch top and gypsy guitars. Set packed in paper-bag.

Item	Tone	∅ / Gauge	Description	Tension	Price
304 100	Set		Acoustic Guitar		5.88 €
304 101	e <sup>1</sup>	.011	Silver-plated steel	8.8 Kg	0.72 €
304 102	b	.014	Silver-plated steel	8.4 Kg	0.77 €
304 103	g	.020	Silver-plated copper wound on steel	9.2 Kg	1.07 €
304 104	d	.025	Silver-plated copper wound on steel	8.0 Kg	1.03 €
304 105	A	.035	Silver-plated copper wound on steel	8.6 Kg	1.12 €
304 106	E	.047	Silver-plated copper wound on steel	8.5 Kg	1.17 €

## 12-STRING

Item	Description	E	B	G	D	A	E	Price
320/12	12-string Acoustic Silver	.011 .011	.014 .014	.020w .009	.025 .012	.035 .017	.047 .025	10.32 €

## SEÑORITA

Set .010-.047, tension ca. 8.5 kg. Same article like # 304 100, but in original package-design from the early Sixties. Strings packed in glassine paper envelopes, set in plastic bag.

Item	Tone	Description	Price
293 100	Set	Acoustic Guitar .011 .014 . 020 .025 .035 .047	5.88 €

## MEDIUM/HEAVY

Set .011-.050, tension ca. 10.1 kg

Item	Tone	∅ / Gauge	Description	Tension	Price
306 100	Set		Acoustic Guitar		6.39 €
306 101	e <sup>1</sup>	.011	Silver-plated steel	9.0 Kg	0.72 €
306 102	b	.015	Silver-plated steel	9.4 Kg	0.77 €
306 103	g	.022	Silver-plated copper wound on steel	11.0 Kg	1.07 €
306 104	d	.030	Silver-plated copper wound on steel	11.2 Kg	1.03 €
306 105	A	.040	Silver-plated copper wound on steel	10.8 Kg	1.12 €
306 106	E	.050	Silver-plated copper wound on steel	9.4 Kg	1.68 €

## HEAVY

Set .012-.052, tension ca. 11.8 kg

Item	Tone	∅ / Gauge	Description	Tension	Price
307 100	Set		Acoustic Guitar		6.39 €
307 101	e <sup>1</sup>	.012	Silver-plated steel	10.4 Kg	0.72 €
307 102	b	.016	Silver-plated steel	10.4 Kg	0.77 €
307 103	g	.024	Silver-plated copper wound on steel	13.6 Kg	1.07 €
307 104	d	.034	Silver-plated copper wound on steel	14.2 Kg	1.03 €
307 105	A	.042	Silver-plated copper wound on steel	12.4 Kg	1.12 €
307 106	E	.052	Silver-plated copper wound on steel	10.3 Kg	1.68 €

## SILK & STEEL

Set .011-.046, tension ca.8.5 kg. Round steel core together with a nylon silk is wound with silver-plated copper wire. Silk & Steel strings provide a mellow tone, preferred by many folk players. Perfect for smaller body acoustic guitars. Silk & Steel strings are made for easier fingering and allow to reduce string noise.

Item	Tone	Description	Price
305 100	Set	Acoustic Guitar Silk & Steel .011 .014 .021 .027 .035 .046	6.98 €

## ACOUSTIC GUITAR PREMIUM PHOSPHOR BRONZE STRINGS

PYRAMID Premium Bronze Acoustic Guitar Strings are noted for their bright, open and stringy sound, in addition to very long life. Our hand wound Premium bronze strings are super quality acoustic strings.

They are guaranteed always fresh and of the highest quality.

### EXTRA LIGHT

Item	Tone	Ø / Gauge	Description	Tension	Price
325 100	Set		Acoustic Guitar Premium Bronze		9.26 €
325 101	e <sup>1</sup>	.010	Silver-plated steel	7.8 Kg	0.72 €
325 102	b	.014	Silver-plated steel	8.0 Kg	0.77 €
325 103	g	.021	Premium Bronze wound on steel	11.5 Kg	1.62 €
325 104	d	.030	Premium Bronze wound on steel	12.0 Kg	1.73 €
325 105	A	.038	Premium Bronze wound on steel	10.2 Kg	2.08 €
325 106	E	.047	Premium Bronze wound on steel	9.0 Kg	2.34 €

### SEMI LIGHT

Item	Tone	Ø / Gauge	Description	Tension	Price
326 100	Set		Acoustic Guitar Premium Bronze		9.26 €
326 101	e <sup>1</sup>	.011	Silver-plated steel	9.0 Kg	0.72 €
326 102	b	.015	Silver-plated steel	9.4 Kg	0.77 €
326 103	g	.022	Premium Bronze wound on steel	12.0 Kg	1.62 €
326 104	d	.030	Premium Bronze wound on steel	12.0 Kg	1.73 €
326 105	A	.040	Premium Bronze wound on steel	12.0 Kg	2.08 €
326 106	E	.050	Premium Bronze wound on steel	10.5 Kg	2.34 €

### LIGHT

Item	Tone	Ø / Gauge	Description	Tension	Price
327 100	Set		Acoustic Guitar Premium Bronze		9.26 €
327 101	e <sup>1</sup>	.012	Silver-plated steel	10.4 Kg	0.72 €
327 102	b	.016	Silver-plated steel	10.4 Kg	0.77 €
327 103	g	.024	Premium Bronze wound on steel	13.2 Kg	1.62 €
327 104	d	.032	Premium Bronze wound on steel	13.0 Kg	1.73 €
327 105	A	.042	Premium Bronze wound on steel	13.0 Kg	2.08 €
327 106	E	.052	Premium Bronze wound on steel	10.8 Kg	2.34 €

### MEDIUM

Item	Tone	Ø / Gauge	Description	Tension	Price
328 100	Set		Acoustic Guitar Premium Bronze		9.26 €
328 101	e <sup>1</sup>	.013	Silver-plated steel	12.4 Kg	0.72 €
328 102	b	.017	Silver-plated steel	12.0 Kg	0.77 €
328 103	g	.026	Premium Bronze wound on steel	15.0 Kg	1.62 €
328 104	d	.035	Premium Bronze wound on steel	16.0 Kg	1.73 €
328 105	A	.046	Premium Bronze wound on steel	16.0 Kg	2.08 €
328 106	E	.056	Premium Bronze wound on steel	12.5 Kg	2.34 €

### RESOPHONIC

Item	Tone	Description	Price
330 100	Set	Acoustic Guitar Premium Bronze .016 .018 .026w .035 .046 .056	9.31 €

### BRONZE – 7-string

Item	Tone	Description	Price
331 100	Set	Acoustic Guitar 80/20 Bronze .011 .015 .022 .030 .040 .050 .060	11.66 €

### DADGAD tuning

Item	Tone	Description	Price
332 100	Set	Acoustic Guitar Premium Bronze	9.03 €

### EXTRA LIGHT – 12-string

Item	Tone	Description	Price
338/12	Set	12-string Acoustic Guitar Premium Bronze .010/.010 .014/.014 .023/.008 .030/.012 .040/.018 .047/.027	14.58 €

### SEMI LIGHT – 12-string

Item	Tone	Description	Price
339/12	Set	12-string Acoustic Guitar Premium Bronze .011/.011 .015/.015 .022/.009 .030/.012 .040/.015 .050/.023	14.58 €

## ACOUSTIC GUITAR BRONZE ROUND CORE STRINGS

Acoustic Phosphor Bronze Round Core Strings are super musical strings. They feature a "round core" construction instead of the commonly used "hexagonal core" construction found in today's strings. This return to the manufacturing process of the Fifties and Sixties results in strings which offer unbelievable tone and sustain. Phosphor bronze strings produce a brighter, crisp tone and longer ring.

### Very important:

Please do not shorten (cut) the wound strings to the desired length, because the bronze wrap wire will get loose! The string will immediately go "dead"! At first make a sharp bend into the string, which will fix the bronze wrap wire. Then cut the string behind this bend to the desired length.

### SEMI LIGHT

Item	Tone	Ø / Gauge	Description	Tension	Price
R326 100	Set		Acoustik Guitar Premium Bronze		13.20 €
326 101	e <sup>1</sup>	.011	Silver-plated steel	9.0 Kg	0.72 €
326 102	b	.015	Silver-plated steel	9.4 Kg	0.77 €
R326 103	g	.022	Premium Bronze wound on round steel	13.0 Kg	2.44 €
R326 104	d	.030	Premium Bronze wound on round steel	11.7 Kg	2.61 €
R326 105	A	.040	Premium Bronze wound on round steel	11.6 Kg	3.13 €
R326 106	E	.050	Premium Bronze wound on round steel	10.3 Kg	3.53 €

### LIGHT

Item	Tone	Ø / Gauge	Description	Tension	Price
R327 100	Set		Acoustic Guitar Premium Bronze		13.20 €
327 101	e <sup>1</sup>	.012	Silver-plated steel	10.4 Kg	0.72 €
327 102	b	.016	Silver-plated steel	10.4 Kg	0.77 €
R327 103	g	.022	Premium Bronze wound on round steel	12.8 Kg	2.44 €
R327 104	d	.034	Premium Bronze wound on round steel	15.0 Kg	2.61 €
R327 105	A	.044	Premium Bronze wound on round steel	13.4 Kg	3.13 €
R327 106	E	.054	Premium Bronze wound on round steel	12.0 Kg	3.53 €

### MEDIUM

Item	Tone	Ø / Gauge	Description	Tension	Price
R328 100	Set		Acoustic Guitar Premium Bronze		13.20 €
328 101	e <sup>1</sup>	.013	Silver-plated steel	12.4 Kg	0.72 €
328 102	b	.017	Silver-plated steel	12.0 Kg	0.77 €
R328 103	g	.026	Premium Bronze wound on round steel	15.5 Kg	2.44 €
R328 104	d	.036	Premium Bronze wound on round steel	15.0 Kg	2.61 €
R328 105	A	.046	Premium Bronze wound on round steel	15.4 Kg	3.13 €
R328 106	E	.056	Premium Bronze wound on round steel	12.5 Kg	3.53 €

### 12-STRING

Item	Tone	Description	Price
R338/12	Set	12-string Acoustic Guitar Premium Bronze .010-.047	19.32 €

## ACOUSTIC GUITAR PHOSPHOR BRONZE ROUND CORE STRINGS, extra hand polished

Extra Hand Polished Acoustic Phosphor Bronze Round Core Guitar Strings are super musical strings. They feature a "round core" construction instead of the commonly used "hexagonal core" construction found in today's strings. This return to the manufacturing process of the Fifties and Sixties results in strings which offer unbelievable tone and sustain. The wound strings are hand polished, this minimise the finger noise. You get a great feeling strings with smooth feel. Perfectly recording strings.

### Very important:

Please do not shorten (cut) the wound strings to the desired length, because the bronze wrap wire will get loose! The string will immediately go "dead"! At first make a sharp bend into the string, which will fix the bronze wrap wire. Then cut the string behind this bend to the desired length.

### SEMI LIGHT – Set .011-.050

Item	Tone	Description	Price
PR326 100	Set	Acoustic Guitar Premium Bronze, polished	17.09 €

### LIGHT – Set .012-.054

Item	Tone	Description	Price
PR327 100	Set	Acoustic Guitar Premium Bronze, polished	17.09 €

### MEDIUM – Set .013-.056

Item	Tone	Description	Price
PR328 100	Set	Acoustic Guitar Premium Bronze, polished	17.09 €

## GUITAR PICKS

PYRAMID Professional Picks. We manufacture them with a fine tradition and committed to detail. The finest celluloid is carefully sanded and polished by expert hands. The picks are available in:

Pearl white, pearl blue, pearl black, tortoise shell brown (other colours on request).

### PYRAMID CELLULOID PICKS

Item	Ø / Gauge	Description	Price
554	0.50 mm	Celluloid pick soft	0.38 €
555	0.70 mm	Celluloid pick medium	0.41 €
556	0.95 mm	Celluloid pick heavy	0.47 €
557	1.20 mm	Celluloid pick extra heavy	0.64 €

### PYRAMID CELLULOID PICKS 12 PACK

Special pack with 12 pieces of each gauge in assorted colours. Perfect for your display stand.

Item	Ø / Gauge	Description	Price
554CP	0.50 mm	12 pieces celluloid picks soft	5.13 €
555CP	0.70 mm	12 pieces celluloid picks medium	5.43 €
556CP	0.95 mm	12 pieces celluloid picks heavy	6.27 €
557CP	1.20 mm	12 pieces celluloid picks extra heavy	8.36 €

### PYRAMID CELLULOID PICKS COLLECTOR BOX

Round, clear box filled with different coloured guitar picks.

Item	Ø / Gauge	Description	Price
554SD	0.50 mm	32 pieces celluloid picks soft	12.47 €
555SD	0.70 mm	24 pieces celluloid picks medium	10.30 €
556SD	0.95 mm	20 pieces celluloid picks heavy	9.99 €
557SD	1.20 mm	20 pieces celluloid picks extra heavy	13.50 €

### PYRAMID CELLULOID PICKS BIG BOX

Celluloid Guitar Picks in large, transparent box.

Item	Description	Price
Box 1	80 pieces celluloid picks soft 120 pieces medium 100 pieces heavy 40 pieces extra heavy (Box contents total 340 pieces picks)	151.60 €

## CUSTOM-SHOP

We make your custom-made picks. Let us have your logo or company name or whatever you want to show on your guitar pick, we will do the rest. Please ask for details.

#### Colours of celluloid picks:

Pearl-white, pearl-red, pearl-grey, pearl-blue, tortoise-shell, solid black, solid white, solid red, solid yellow, solid blue, solid pink

#### Colours of imprint-foil:

We hot-stamp with special foil in gold, Silver, black, white, red, blue.

#### This we need from you:

Send us with email a jpg. in black/white colour

The hot-stamp costs would be once Euro 35.00.



## ELECTRIC GUITAR STRINGS

### ELECTRIC GUITAR STAINLESS STEEL STRINGS

PYRAMID Stainless Steel Electric Guitar strings are noted for their exceptional brightness, anti-tarnishing characteristics and extreme durability.

Item	Description	E	B	G	D	A	E	Price
424 100	Extra light	.008	.010	.014	.020	.028	.038	6.65 €
425 100	Light	.009	.012	.016	.022	.032	.042	6.81 €
425/426	Light/medium	.009	.012	.016	.026	.036	.046	6.81 €
426 100	Medium	.010	.013	.017	.026	.036	.046	6.81 €
427 100	Jazz	.011	.014	.018	.028	.038	.048	7.48 €
428 100	Medium/heavy	.010	.013	.017	.030	.042	.052	8.09 €
1356S	Medium Jazz	.013	.017	.026	.036	.046	.056	8.72 €

Item	Description	D	A	F	C	G	D	Price
D1154S	Drop D 11-54	.011	.015	.022p	.030	.042	.054	8.14 €
D1156S	Drop D 11-56	.011	.014	.019p	.032	.044	.056	8.14 €

Item	Description	C	G	D#	A#	E	B	Price
C1256S	Drop C 12-56	.012	.016	.024p	.032	.044	.056	8.14 €
C1260S	Drop C 12-60	.012	.016	.020p	.034	.046	.060	8.14 €

### SINGLE STRINGS

Description	∅ / Gauge in inch	Price
Silver-plated steel	.008 .009 .0095 .010 .011 .0115 .012 .013	0.72 €
Silver-plated steel	.014 .015 .016 .017 .018 .019 .020 .022 .024	0.77 €

Stainless Steel Round Wound	.020 .022 .024 .026	1.35 €
Stainless Steel Round Wound	.028 .030 .032 .034 .036	1.47 €
Stainless Steel Round Wound	.038 .040	1.62 €
Stainless Steel Round Wound	.042 .044 .046	1.78 €
Stainless Steel Round Wound	.048 .050	2.13 €
Stainless Steel Round Wound	.052 .054 .056 .058 .060	2.63 €
Stainless Steel Round Wound	.062 .064 .066 .068	3.93 €
Stainless Steel Round Wound	.070 .072	5.83 €

### ELECTRIC GUITAR BLACK WIRES STRINGS

PYRAMID Black Wires are real hand wound strings. The black layer is wafer-thin to guarantee a brilliant sound, it might wear off under extensive abuse but this has no negative effect on the sound quality.

Item	Description	E	B	G	D	A	E	Price
440 100	Super light	.009	.012	.016	.022	.032	.042	12.17 €
440/441	Super light/light	.009	.012	.016	.026	.036	.046	12.17 €
441 100	Light	.010	.013	.017	.026	.036	.046	12.17 €
441/443	Light / Jazz	.010	.013	.017	.028	.038	.048	12.17 €
443 100	Jazz	.011	.014	.018	.028	.038	.048	12.24 €
442 100	Light Top / Heavy Bottom	.010	.013	.017	.030	.042	.052	13.05 €

### 7-STRINGS

Item	Description	E	H	G	D	A	E	B	Price
444 100	7-string set	.010	.013	.017	.026	.036	.046	.056	15.55 €

### SINGLE STRINGS

Description	∅ / Gauge in inch	Price
Black Wires Plain	.009 .010 .011 .012 .013	1.42 €
Black Wires Plain	.014 .016 .017 .018	1.49 €
Black Wires Round Wound	.022 .026 .028	2.51 €
Black Wires Round Wound	.030 .032 .036 .038	2.61 €
Black Wires Round Wound	.042 .046 .048	2.72 €
Black Wires Round Wound	.052 .056	3.38 €

**Custom-Shop:** On request for your special needs we gladly put together an individual PYRAMID set for you.

## ELECTRIC GUITAR NICKEL-PLATED STEEL STRINGS

PYRAMID Nickel Plated Steel Strings are made from a special alloy. Our steel wire is refined with a thin layer of pure nickel. This surface gives you the smooth playing feel, and the steel guarantees perfect magnetic tone response.

This combination makes the nickel plated steels extremely brilliant and tough, with perfect sustain and long-lasting – just right for sound-conscious rockers and heavy metal players! PYRAMID Nickel Plated Steel Strings can take it all and are truly musical.

Item	Description	E	B	G	D	A	E	Price
437 100	Super extra light	.008	.010	.014	.020	.028	.038	6.24 €
430 100	Super light	.009	.012	.016	.022	.032	.042	6.24 €
430/431	Super light/light	.009	.012	.016	.026	.036	.046	6.24 €
438 100	Super light special	.0095	.0115	.016	.024	.034	.044	6.24 €
BAL431	Perfect Balanced	.010	.014	.017	.026	.035	.046	6.29 €
431 100	Light	.010	.013	.017	.026	.036	.046	6.24 €
431/433	Light/Jazz Rock	.010	.013	.017	.028	.038	.048	7.10 €
432 100	Light top/heavy B	.010	.013	.017	.030	.042	.052	7.60 €
433 100	Blues/Jazz Rock	.011	.014	.018	.028	.038	.048	7.15 €
1356	Medium Jazz	.013	.017	.026	.036	.046	.056	8.15 €

Art.-Nr.	Description	B	F#	D	A	E	B	Price
434 100	Baritone	.014	.018	.026	.044	.056	.068	12.68 €

Art.-Nr.	Description	D	A	F	C	G	D	Price
D1154	Drop D 11-54	.011	.015	.022p	.030	.042	.054	7.65 €
D1156	Drop D 11-56	.011	.014	.019p	.032	.044	.056	7.65 €

Item	Description	C	G	D#	A#	F	C	Price
C1256	Drop C 12-56	.012	.016	.024p	.032	.044	.056	7.65 €
C1260	Drop C 12-60	.012	.016	.020p	.034	.046	.060	8.95 €

Item	Description	E	B	G	D	A	E	B	Price
435 100	7-string set	.010	.013	.017	.026	.036	.046	.056	8.87 €

Item	Description	E	B	G	D	A	E	B	Fis	Price
436 100	8-string set	.009	.011	.016	.024	.032	.042	.054	.064	12.80 €

### SINGLE STRINGS

Description	∅ / Gauge in inch	Price
Silver-plated steel	.008 .009 .0095 .010 .011 .0115 .012 .013	0.72 €
Silver-plated steel	.014 .015 .016 .017 .018 .019 .020 .022 .024	0.77 €
Nickel-Plated Steel Round Wound	.020 .022 .024 .026	1.27 €
Nickel-Plated Steel Round Wound	.028 .030 .032 .034 .036	1.35 €
Nickel-Plated Steel Round Wound	.038 .040 .042 .044 .046	1.41 €
Nickel-Plated Steel Round Wound	.048 .050	2.13 €
Nickel-Plated Steel Round Wound	.052 .054 .056 .058	2.63 €
Nickel-Plated Steel Round Wound	.060 .062 .064 .066	3.93 €
Nickel-Plated Steel Round Wound	.068 .070 .074 .080	5.83 €

**Custom-Shop:** On request for your special needs we gladly put together an individual PYRAMID set for you.



## ELECTRIC GUITAR PURE NICKEL ROUND WOUND STRINGS

PYRAMID Superior-Quality Electric Guitar Pure Nickel Round Wound Strings are superlative electric guitar strings made with only the finest materials. They are perfectly balanced with easy response flexible, pleasant to play. The Superiors are super musical strings with an extra long playing life. Our pure nickel round wounds produce an excellent tone and timbre, great for all types and styles of music.

The nickel wire used for the wrap of the wound strings features a purity of 99.2%, resulting in a silver-shimmering tone. Due to the purity of the nickel wrap the strings actually feel a little softer, not so stiff as commonly available strings. This may encourage guitarist to try larger gauges on order to get a better sound!

Item	Description	E	B	G	D	A	E	Price
400 100	Extra light	.008	.010	.014	.020	.028	.038	6.65 €
401 100	Light	.009	.012	.016	.022	.032	.042	6.81 €
410 100	Light special	.0095	.0115	.016	.024	.034	.044	6.81 €
401/402	Light/medium	.009	.012	.016	.026	.036	.046	6.81 €
BAL402	Perfect Balanced	.010	.014	.017	.025	.034	.045	6.86 €
402 100	Medium	.010	.013	.017	.026	.036	.046	6.81 €
402/403	Medium/Jazz	.010	.013	.017	.028	.038	.048	7.43 €
403 100	Jazz	.011	.014	.018	.028	.038	.048	7.48 €
405 100	Medium/Heavy	.010	.013	.017	.030	.042	.052	8.09 €
406 100	Standard Jazz	.012	.016	.024w	.032	.042	.052	8.72 €
1356N	Medium Jazz	.013	.017	.026	.036	.046	.056	8.72 €

Item	Description	B	F#	D	A	E	B	Price
407 100	Bariton	.014	.018	.026	.044	.056	.068	11.23 €

Item	Description	D	A	F	C	G	D	Price
D1154N	Drop D 11-54	.011	.015	.022p	.030	.042	.054	8.14 €
D1156N	Drop D 11-56	.011	.014	.019p	.032	.044	.056	8.14 €

Item	Description	C	G	D#	A#	F	C	Price
C1256N	Drop C 12-56	.012	.016	.024p	.032	.044	.056	8.14 €
C1260N	Drop C 12-60	.012	.016	.020p	.034	.046	.060	8.14 €

Item	Description	E	B	G	D	A	E	B	Price
404 100	7-string set	.010	.013	.017	.026	.036	.046	.056	9.44 €

Item	Description	E	B	G	D	A	E	B	Fis	Price
408 100	8-string set	.009	.011	.016	.024	.032	.042	.054	.064	13.37 €

Item	Description	E	B	G	D	A	E	Price
409 100	Children Electric Guitar Scale 47-49 cm	.012	.016	.020p	.030	.046	.056	8.14 €

Item	Description	E	B	G	D	A	E	Price
420 100	12-string Light	.009	.012	.016	.022	.032	.042	11.81 €
		.009	.012	.009	.010	.014	.022	
421 100	12-string Medium	.010	.013	.017	.026	.036	.046	11.81 €
		.010	.013	.008	.012	.018	.026	

## SINGLE STRINGS

Description	∅ / Gauge in inch	Price
Silver-plated steel	.008 .009 .0095 .010 .011 .0115 .012 .013	0.72 €
Silver-plated steel	.014 .015 .016 .017 .018 .019 .020 .022 .024	0.77 €
Pure Nickel Round Wound	.020 .022 .024 .026	1.35 €
Pure Nickel Round Wound	.028 .030 .032 .034 .036	1.47 €
Pure Nickel Round Wound	.038 .040	1.62 €
Pure Nickel Round Wound	.042 .044 .046	1.78 €
Pure Nickel Round Wound	.048 .050	2.13 €
Pure Nickel Round Wound	.052 .054 .056 .058 .060	2.63 €
Pure Nickel Round Wound	.062 .064 .066 .068	3.93 €
Pure Nickel Round Wound	.070 .072 .074 .076 .080	5.83 €



## ELECTRIC GUITAR PURE NICKEL MAXIMUM PERFORMANCE

PYRAMID Maximum Performance, pure nickel hand wound strings are round wound strings that sing! Our hand wound maximum performance pure nickel wound strings are superlative electric guitar strings made with only the finest materials. They are super musical strings with an extra long playing life. We make these premium strings in old way using a smaller diameter core wire and larger diameter of expensive pure nickel wrap wire.

The result is lower tension wound strings with great "feel", which have brilliance and the warmth of pure nickel. Our pure nickel hand wounds produce an excellent tone and timbre, great for all types and styles of music. A warm, reed-like tonal quality that is essential for blues is easily achievable with our strings.

Item	Description	E	B	G	D	A	E	Price
D500	<b>Extra light</b> Blue silk end	.009	.012	.016	.022	.032	.042	10.26 €
D501	<b>Extra Light/light</b> Yellow silk end	.009	.012	.016	.026	.036	.046	10.26 €
D502	<b>Light</b> Red silk end	.010	.013	.017	.026	.036	.046	10.26 €
D503	<b>Light/Medium</b> Purple silk end	.010	.013	.017	.028	.038	.048	11.21 €
D504	<b>Medium</b> Orange silk end	.011	.014	.018	.028	.038	.048	11.28 €
D505	<b>Medium/Medium</b> Black Silk end	.012	.016	.018 .024w	.032	.044	.054	14.29 €

**Custom-Shop: On request for your special needs we gladly put together an individual PYRAMID set for you.**

## ELECTRIC GUITAR PURE NICKEL ROUND CORE STRINGS

PYRAMID Nickel Classics feature a “round core” construction instead of the commonly used “hexagonal core” construction found in today’s strings. This return to the manufacturing process of the Fifties and Sixties results in strings which offer unbelievable tone and sustain.

Round core strings must be wound with special care, with selected materials and certain techniques to get the desired sound results. The high-quality nickel wire which is used with these strings has a purity of 99.2%. Both, the material and the skilled production technique are responsible for the unequalled tone of these strings:

A silky, silver-shimmering tone with unbelievable sustain. Certainly nothing for metal rockers but for tone hunters, instrumental music lovers, regardless of “clean” or “chunch”. Also vintage guitar collectors will cherish the unbelievable sound of the Pyramid Classic Nickels!

### Very important:

Please do not shorten (cut) the wound strings to the desired length, because the nickel wrap wire will get loose! The string will immediately go “dead”! At first make a sharp bend into the string, which will fix the nickel wrap wire. Then cut the string behind this bend to the desired length.

### ROUNDCORE ELECTRIC GUITAR NICKEL CLASSICS

Item	Description	E	B	G	D	A	E	Price
450 100	Light	.009	.012	.016	.022	.032	.042	9.12 €
450/451	Light / Regular	.009	.012	.016	.026	.036	.046	9.12 €
451 100	Regular	.010	.013	.017	.026	.036	.046	9.12 €
451/455	Regular Special	.010	.013	.017	.028	.038	.048	10.04 €
455 100	Special	.011	.014	.018	.028	.038	.048	10.09 €
452 100	Medium	.011	.014	.020w	.030	.042	.050	11.60 €
453 100	Regular/Heavy	.010	.013	.017	.030	.042	.052	11.05 €
454 100	Traditional	.012	.016	.022w	.032	.044	.054	12.36 €
456 100	Medium Jazz	.013	.017	.026w	.036	.046	.056	12.36 €

## ELECTRIC GUITAR PURE NICKEL ROUND CORE STRINGS – hand polished

### ROUND CORE ELECTRIC GUITAR NICKEL CLASSICS – hand polished

Polished strings reduce the finger noise and are perfectly for studio recordings.

Item	Description	E	B	G	D	A	E	Price
P450	Light	.009	.012	.016	.022	.032	.042	11.44 €
P451	Regular	.010	.013	.017	.026	.036	.046	11.44 €
P451/455	Regular Special	.010	.013	.017	.028	.038	.048	12.65 €
P455	Special	.011	.014	.018	.028	.038	.048	12.70 €
P452	Medium	.011	.014	.020w	.030	.042	.050	14.98 €
P453	Regular/Heavy	.010	.013	.017	.030	.042	.052	14.00 €
P454	Traditional	.012	.016	.022w	.032	.044	.054	15.99 €

## ELECTRIC GUITAR BLACK TAPE NYLON STRINGS

We produce the Black Tape Nylon strings exactly with the same material we did in the 60's. The result is a great feeling string with an extra long playing life. Black Tape Nylon strings are perfect for semi-acoustic guitars good for Beat and Jazz music. The subtle difference. Find your tone.

### BLACK TAPE NYLON ELECTRIC GUITAR, hand polished

Item	Description	E	B	G	D	A	E	Price
312 100	<b>Black Tape Nylon Medium</b>	.012	.015	.028w	.036	.046	.052	20.30 €
313 100	<b>Black Tape Nylon Heavy</b>	.013	.017	.033w	.038	.048	.060	20.30 €

## ELECTRIC GUITAR CHROME-NICKEL FLAT WOUND STRINGS

Our pure nickel flat wound strings are the ultimate flat wound guitar strings. No one else makes this type of string anymore due the amount of handwork required.

### GOLD ELECTRIC GUITAR CHROME-NICKEL FLAT WOUND – 12-string

Legendary Byrds Guitar Player Roger McGuinn says: "Pyramid Gold flat wound strings bring back the sound that made me fall in love with the electric 12-string guitar, and they last much longer too!"

### GOLD 12-STRING CHROME-NICKEL FLAT WOUND SUPERLIGHT .010-.039

Item	Description	E	B	G	D	A	E	Price
308/12	<b>12-string</b>	.010	.013	.020w	.025	.033	.039	33.00 €
	Red silk end	.010	.013	.010	.013	.020w	.025	

### GOLD 12-STRING CHROME-NICKEL FLAT WOUND EXTRA LIGHT .010-.042

Item	Description	E	B	G	D	A	E	Price
309/12	<b>12-string</b>	.010	.013	.020w	.026	.034	.042	33.00 €
	Red silk end	.010	.013	.010	.013	.020w	.026	

### GOLD 12-STRING CHROME-NICKEL FLAT WOUND LIGHT .010-.0465

Item	Description	E	B	G	D	A	E	Price
310/12	<b>12-string</b>	.010	.013	.019w	.030	.035	.0465	33.00 €
	Red silk end	.010	.013	.010	.013	.019w	.030	

### GOLD 6-STRING CHROME-NICKEL FLAT WOUND

Item	Description	E	B	G	D	A	E	Price
310 100	<b>Light</b> Red silk end	.010	.013	.019w	.030	.035	.0465	20.30 €
411 100	<b>Medium</b> Orange silk end	.011	.015	.020w	.030	.035	.048	20.30 €
416 100	<b>Medium Special</b> light-green silk end	.011	.015	.020w	.030	.040	.050	20.30 €
414 100	<b>Medium/Heavy</b> green silk end	.012	.016	.022w	.033	.042	.052	20.30 €
412 100	<b>Heavy</b> Purple silk end	.013	.017	.024w	.033	.042	.052	20.30 €
413 100	<b>True Vintage</b> Black silk end	.013	.018	.026w	.036	.047	.056	20.30 €

G-3<sup>rd</sup> plain strings on request. We can also supply for the sets # 310 100 & # 411 100 g-3<sup>rd</sup> plain strings. You can get .017 / .018 / .019 & .020 plain strings.

## ELECTRIC BASS STRINGS

**Bass Strings...** They might be just wires to the average player, but they are an integral part of the sound. Bass strings are the connection between the fingers and the instrument, so it is crucial to use the best material that can be obtained.

The right string gauge is also very important! Thick strings deliver a fundamental bass sound, and thinner strings are highly recommended for solo playing styles. As taste and requirements differ a lot, we have a large program available for the discerning player.

**Stainless Steel Round Wounds** project an aggressive, hard sound along with the full harmonic spectrum and are favoured by players of the hard and heavy department!

**Nickel-Plated Steels** are made from a special alloy. Our steel wire is refined with a thin layer of pure nickel. This surface gives you the smooth playing feel, and the steel guarantees perfect magnetic tone response. This combination makes the nickel plated steels extremely brilliant and tough, with perfect sustain and long-lasting – just right for sound-conscious rockers and heavy metal players!

**Pure Nickel Round Wounds** deliver a warm, singing tone, especially appealing to the fretless player searching for a fuller, richer sound.

**Chrome-Nickel Flat Wounds** bring back the classic bass sounds of the sixties and seventies. This is very important when vintage basses are being used. On the fretless bass, our flat wounds deliver a double bass-like sound. With the flat wounds you can have lower action than possible with round wound strings and also get no finger noise!

**80/20 Bronze Round Wounds** are known to be softer, with more mellow tone. Available with steel and nylon core. Designed for acoustic bass guitars.

### SCALE CHART

<b>Short Scale</b>	76 cm / 30"	<i>Hofner Beatle Bass, Fender Mustang, Gibson EB3</i>
<b>Medium Scale</b>	82 cm / 32"	<i>Alembic Medium, Fender The Urge</i>
<b>Long Scale</b>	86 cm / 34"	<i>Most commonly used scale length as on Fender Precision and Jazz Basses and most copies</i>
<b>Super Long Scale</b>	90 cm to 91.5 cm / 35-36"	<i>Some custom five- and six string basses employ this scale length</i>

## CUSTOM-SHOP

For your custom instrument and your special needs we will gladly put together an individual Pyramid set for you! Just let us know the scale length and the string gauges you require and we'll do the rest! We can deliver special string lengths and gauges to your specifications for a mark-up on the price list.

## ELECTRIC BASS BLACK TAPE NYLON STRINGS

The strings are made with a high-class magnetic core and are wound with black flat nylon wire. Excellent tone, easy response and pleasant

soft touch, thanks to polished nylon. Ideal for acoustic and fretless basses. The strings produce tones similar to a double bass.

### SHORT SCALE

Perfect for your Hofner violin bass guitar.

Item	Description	C	G	D	A	E	B	Price
648	Black Tape Nylon Flatwound		.055	.075	.095	.112		57.03 €

### LONG SCALE

Item	Description	C	G	D	A	E	B	Price
648/1	Black Tape Nylon Flatwound		.055	.075	.095	.112		57.03 €
High C	Black Tape Nylon Flatwound	.032						9.46 €
Low B	Black Tape Nylon Flatwound						.135	26.56 €

## ELECTRIC BASS CHROME-NICKEL FLATWOUND STRINGS

PYRAMID Gold Electric Guitar Chrome Nickel Flat Wound Strings are the ultimate flat wound guitar strings.

Our flat wounds are the of the best – without peer – no one else makes this type of strings any more due the amount of handwork required.

### SHORT SCALE

Perfect for your Hofner violin bass guitar.

Item	Description	G	D	A	E	B	Price
640	Chrome-Nickel Flatwound	.040	.055	.070	.100		57.03 €

### MEDIUM SCALE

On request.

### LONG SCALE

Item	Description	G	D	A	E	B	Price
640/1	Chrome-Nickel Flatwound	.040	.055	.075	.105		57.03 €
640/A	Chrome-Nickel Flatwound	.045	.065	.085	.105		57.03 €
640/B	Chrome-Nickel Flatwound	.050	.070	.090	.110		68.81 €
640/5A	Chrome-Nickel Flatwound 5-string	.040	.055	.075	.105	.120	83.59 €
640/5B	Chrome-Nickel Flatwound 5-string	.045	.065	.085	.105	.126	83.59 €

### SINGLE STRINGS

On request we produce the following Chrome-Nickel Flatwound Strings:

Description	Tone	Ø / Gauge in inch	Price
Chrome-Nickel Flatwound	C G	.020 .025 .030 .038 .040 .043 .045	9.46 €
Chrome-Nickel Flatwound	G D	.050 .055 .060 .065	11.71 €
Chrome-Nickel Flatwound	D A	.070 .075 .080 .085	14.62 €
Chrome-Nickel Flatwound	A E	.090 .095 .100 .105 .110	21.24 €
Chrome-Nickel Flatwound	Low B	.115 .120 .124 .126	26.56 €

## CUSTOM-SHOP

For your custom instrument and your special needs we will gladly put together an individual Pyramid set for you! Just let us know the scale length and the string gauges you require and we'll do the rest! We can deliver special string lengths and gauges to your specifications for a mark-up on the price list.

## SHORT SCALE

Item	Description	G	D	A	E	Price
S804	Short Scale in Pure Nickel	.040	.060	.080	.100	44.37 €
S824	Short Scale in Stainless Steel	.040	.060	.080	.100	37.87 €

Perfect for your Hofner Shorty, scale 72 cm.

Item	Description	G	D	A	E	Price
XS804	Extra Short Scale in Pure Nickel	.040	.060	.080	.100	39.92 €

## ACOUSTIC BASS STRINGS

80/20 bronze is wound on a hexagonal steel core. The 80/20 bronze strings are known to be softer, with a mellow tone in addition to very long life. Also for short scale Acoustic Bass Guitars available with scale 30".

### SHORT SCALE – scale 76 cm/30"

Item	Description	G	D	A	E	Price
S780 100	Acoustic Bass Guitar 80/20 Bronze	.040	.056	.075	.096	43.64 €

### LONG SCALE – scale 86 cm/33.8"

Item	Description	G	D	A	E	Price
780 100	Acoustic Bass Guitar 80/20 Bronze	.040	.060	.080	.100	43.64 €
Low B	Acoustic Bass Guitar 80/20 Bronze	.120				13.23 €

### LONG SCALE

The nylon silk core & 80/20 bronze combination are very flexible strings and produce a clear and deep bass sound.

Item	Description	G	D	A	E	Price
781 200	Acoustic Bass Guitar 80/20 Bronze	.048	.059	.073	.089	43.64 €

## ELECTRIC BASS STAINLESS STEEL, Long Scale

PYRAMID Superior-Quality Stainless Steel Round Wounds project an aggressive, hard sound along with the full harmonic spectrum and are favoured by players of the hard and heavy department!

Item	Description	C	G	D	A	E	B	Price
840 100	Bass 4 Super Light		.030	.050	0.70	.090		37.87 €
836 100	Bass 4 X-Light		.035	.055	.075	.095		37.87 €
832 100	Bass 4 Light		.040	.060	.075	.095		37.87 €
828 100	Bass 4 Medium		.040	.060	.080	.100		37.87 €
824 100	Bass 4 Heavy		.045	.065	.085	.105		37.87 €
822 100	Bass 4 Extra Heavy		.050	.070	.090	.110		40.23 €
821 100	Bass 4 Low B		.065	.085	.105	.130		45.06 €
904 100	Bass 4 Drop C		.050	.070	.090	.120		45.06 €
905 100	Bass 4 Drop C Heavy		.055	.075	.095	.126		45.06 €
906 100	Bass Low F#		.085	.105	.135	.175		59.84 €

854 100	Hi Top Five Lite		.020	.035	.055	.075	.095	46.21 €
856 100	Hi Top Five Heavy		.027	.040	.060	.080	.100	46.21 €
860 100	Low Bottom Five XX-Lite		.030	.050	.075	.095	.115	48.57 €
858 100	Low Bottom Five X-Lite		.035	.055	.075	.100	.120	53.40 €
850 100	Low Bottom Five Lite		.040	.060	.080	.100	.126	53.40 €
848 100	Low Bottom Five Medium		.040	.060	.080	.105	.130	53.40 €
846 100	Low Bottom Five Standard		.040	.060	.085	.105	.135	53.40 €
852 100	Low Bottom Five Heavy		.040	.060	.085	.110	.140	53.40 €
842 100	Low Bottom Five X-Heavy		.045	.065	.085	.110	.140	53.40 €

896 100	Bass 6 XX-Lite	.020	.030	.050	.075	.095	.115	56.91 €
895 100	Bass 6 X-Lite	.025	.035	.055	.075	.100	.120	61.74 €
894 100	Bass 6 Lite	.027	.040	.060	.080	.100	.126	61.74 €
893 100	Bass 6 Medium	.027	.040	.060	.080	.100	.130	61.74 €
892 100	Bass 6 Standard	.027	.040	.060	.085	.105	.135	61.74 €
891 100	Bass 6 Heavy	.027	.040	.060	.085	.110	.140	61.74 €
890 100	Bass 6 X-Heavy	.030	.045	.065	.085	.110	.140	61.74 €

### SOLO BASS STRINGS

When the lead bass player steps into the spot light, they need special strings. PYRAMID Solo-Sets fit on medium and long scale basses, offering the freedom to experiment with new sonic dimensions.

Item	Description	C	G	D	A	E	B	Price
880 100	Solo Bass Baritone	.020	.030	.040	.050			33.54 €
882 100	Solo Bass Obligato	.020	.030	.045	.060			33.54 €
884 100	Solo Bass Soloist	.025	.040	.055	.070			35.51 €
886 100	Solo Bass		.035	.050	.070	.085		37.48 €
888 100	Solo Bass Piccolo		.017	.020	.030	.040		33.36 €

### SINGLE STRINGS

Description	∅ / Gauge in inch	Price
Stainless Steel	.017 .020 .025 .027 .030 .035 .040 .045	8.34 €
Stainless Steel	.050 .055 .060 .065	8.52 €
Stainless Steel	.070 .075 .080 .085	10.31 €
Stainless Steel	.090 .095 .100 .105 .110 .115	10.70 €
Stainless Steel	.120 .126 .130 .135 .140	15.53 €
Stainless Steel	.145 .150 .160 .170 .175 (thicker gauges on request)	23.30 €
Stainless Steel Double Ball End	.017 .020 .025 .027 .030 .035 .040 .045	9.30 €
Stainless Steel Double Ball End	.050 .055 .060 .065	9.53 €
Stainless Steel Double Ball End	.070 .075 .080 .085	11.54 €
Stainless Steel Double Ball End	.090 .095 .100 .105 .110 .115	11.98 €
Stainless Steel Double Ball End	.120 .126 .130 .135 .140	17.37 €

## ELECTRIC BASS NICKEL PLATED STEEL, Long Scale

PYRAMID Superior-Quality Nickel-Plated Steels are made from a special alloy.

Our steel wire is refined with a thin layer of pure nickel. This surface gives you the smooth playing feel and the steel guarantees perfect magnetic tone response.

This combination makes the nickel plated steels extremely brilliant and tough, with perfect sustain and long-lasting.

Item	Description	C	G	D	A	E	B	Price
819 100	Bass 4 Super Light		.030	.050	.070	.090		37.87 €
815 100	Bass 4 X-Light		.035	.055	.075	.095		37.87 €
814 100	Bass 4 Light		.040	.060	.075	.095		37.87 €
803 100	Bass 4 Medium		.040	.060	.080	.100		37.87 €
802 100	Bass 4 Heavy		.045	.065	.085	.105		37.87 €
987 100	Bass 4 Extra Heavy		.050	.070	.090	.110		40.23 €
988 100	Bass 4 Low B		.065	.085	.105	.130		45.06 €
989 100	Bass 4 Drop C		.050	.070	.090	.120		45.06 €
990 100	Bass 4 Drop C Heavy		.055	.075	.095	.126		45.06 €
970 100	Hi Top Five Lite		.020	.035	.055	.075	.095	46.21 €
971 100	Hi Top Five Heavy		.027	.040	.060	.080	.100	46.21 €
972 100	Low Bottom Five XX-Lite		.030	.050	.075	.095	.115	48.57 €
973 100	Low Bottom Five X-Lite		.035	.055	.075	.100	.120	53.40 €
974 100	Low Bottom Five Lite		.040	.060	.080	.100	.126	53.40 €
975 100	Low Bottom Five Medium		.040	.060	.080	.105	.130	53.40 €
976 100	Low Bottom Five Standard		.040	.060	.085	.105	.135	53.40 €
977 100	Low Bottom Five Heavy		.040	.060	.085	.110	.140	53.40 €
978 100	Low Bottom Five X-Heavy		.045	.065	.085	.110	.140	53.40 €
980 100	Bass 6 XX-Lite	.020	.030	.050	.075	.095	.115	56.91 €
981 100	Bass 6 X-Lite	.025	.035	.055	.075	.100	.120	61.74 €
982 100	Bass 6 Lite	.027	.040	.060	.080	.100	.126	61.74 €
983 100	Bass 6 Medium	.027	.040	.060	.080	.100	.130	61.74 €
984 100	Bass 6 Standard	.027	.040	.060	.085	.105	.135	61.74 €
985 100	Bass 6 Heavy	.027	.040	.060	.085	.110	.140	61.74 €
986 100	Bass 6 X-Heavy	.030	.045	.065	.085	.110	.140	61.74 €

### SINGLE STRINGS

Description	∅ / Gauge in inch	Price
Nickel-Plated Steel	.020 .025 .027 .030 .035 .040 .045	8.34 €
Nickel-Plated Steel	.050 .055 .060 .065	8.52 €
Nickel-Plated Steel	.070 .075 .080 .085	10.31 €
Nickel-Plated Steel	.090 .095 .100 .105 .110 .115	10.70 €
Nickel-Plated Steel	.120 .126 .130 .135 .140	15.53 €

## BLACK WIRES BASS STRINGS

PYRAMID BLACK WIRES are handmade bass strings. As the layer is wafer-thin to guarantee a brilliant sound, it might wear off under extensive exercise, this has no negative effect on the sound quality.

Item	Description	C	G	D	A	E	B	Price
C822 100	Black Wires Bass 4 Extra Heavy		.050	.070	.090	.110		50.42 €
C824 100	Black Wires Bass 4 Heavy		.045	.065	.085	.105		42.35 €
C828 100	Black Wires Bass 4 Medium		.040	.060	.080	.100		42.35 €
C905 100	Black Wires Bass 5		.045	.065	.085	.105	.130	59.72 €
C904 100	Black Wires Bass 5		.045	.065	.085	.105	.126	59.72 €
C848 100	Black Wires Bass 5		.040	.060	.080	.100	.130	59.72 €
C850 100	Black Wires Bass 5		.040	.050	.080	.100	.126	59.72 €
C907 100	Black Wires Bass 6	.030	.045	.065	.085	.105	.130	69.02 €
C906 100	Black Wires Bass 6	.025	.040	.060	.080	.100	.126	69.02 €

### SINGLE STRINGS

Description	∅ / Gauge in inch	Price
Black Wires	.025 .030 .040 .045	9.30 €
Black Wires	.050 .060 .065	9.53 €
Black Wires	.070 .080 .085	11.54 €
Black Wires	.090 .100 .105	11.98 €
Black Wires	.110 .126 .130	17.37 €



## ELECTRIC BASS PURE NICKEL STRINGS, Long Scale

PYRAMID Superior-Quality Pure Nickel Round Wounds deliver a warm, singing tone and are especially appealing to the fretless player wanting a full, round tone.

Item	Description	C	G	D	A	E	B	Price
816 100	Bass 4 Super Light		.030	.050	.070	.090		44.37 €
812 000	Bass 4 X-Light		.035	.055	.075	.095		44.37 €
808 100	Bass 4 Light		.040	.060	.075	.095		44.37 €
804 100	Bass 4 Medium		.040	.060	.080	.100		44.37 €
800 100	Bass 4 Heavy		.045	.065	.085	.105		44.37 €
818 100	Bass 4 Extra Heavy		.050	.070	.090	.110		48.86 €
799 100	Bass 4 Low B		.065	.085	.105	.130		53.50 €
789 100	Bass 4 Drop C		.050	.070	.090	.120		53.50 €
797 100	Bass 4 Drop C Heavy		.055	.075	.095	.126		53.50 €

950 100	Hi Top Five Lite		.020	.035	.055	.075	.095	53.33 €
951 100	Hi Top Five Heavy		.027	.040	.060	.080	.100	53.33 €
952 100	Low Bottom Five XX-Lite		.030	.050	.075	.095	.115	57.82 €
953 100	Low Bottom Five X-Lite		.035	.055	.075	.100	.120	62.46 €
954 100	Low Bottom Five Lite		.040	.060	.080	.100	.126	62.46 €
955 100	Low Bottom Five Medium		.040	.060	.080	.105	.130	62.46 €
956 100	Low Bottom Five Standard		.040	.060	.085	.105	.135	62.46 €
957 100	Low Bottom Five Heavy		.040	.060	.085	.110	.140	62.46 €
958 100	Low Bottom Five X-Heavy		.045	.065	.085	.110	.140	62.46 €

960 100	Bass 6 XX-Lite	.020	.030	.050	.075	.095	.115	66.78 €
961 100	Bass 6 X-Lite	.025	.035	.055	.075	.100	.120	71.42 €
962 100	Bass 6 Lite	.027	.040	.060	.080	.100	.126	71.42 €
963 100	Bass 6 Medium	.027	.040	.060	.080	.100	.130	71.42 €
964 100	Bass 6 Standard	.027	.040	.060	.085	.105	.135	71.42 €
965 100	Bass 6 Heavy	.027	.040	.060	.085	.110	.140	71.42 €
966 100	Bass 6 X-Heavy	.030	.045	.065	.085	.110	.140	71.42 €

### SINGLE STRINGS

Description	∅ / Gauge in inch	Price
Pure Nickel	.017 .020 .025 .027 .030 .035 .040 .045	8.96 €
Pure Nickel	.050 .055 .060 .065	9.75 €
Pure Nickel	.070 .075 .080 .085	12.21 €
Pure Nickel	.090 .095 .100 .105 .110 .115	13.45 €
Pure Nickel	.120 .126 .130 .135 .140	18.09 €
Pure Nickel	.145 .150 .160 .170	27.17 €

## ELECTRIC BASS STAINLESS STEEL STRINGS, Super Long Scale

With the use of a longer scale, the low notes sound rounder and fuller. PYRAMID Super Long Scale Strings, with 36"/91.5 cm scale length, defined tone along with more sustain.

Item	Description	C	G	D	A	E	B	Price
866 100	Super Long Fiver Heavy		.040	.060	.085	.110	.135	57.13 €
874 100	Super Long Fiver Medium		.040	.060	.085	.105	.135	57.13 €
876 100	Super Long Fiver Lite		.040	.060	.080	.100	.126	57.13 €
878 100	Super Long Fiver X-Lite		.030	.050	.070	.095	.120	57.13 €
897 100	Super Long Six Heavy	.027	.040	.060	.085	.110	.135	66.09 €
898 100	Super Long Six Heavy	.027	.040	.060	.085	.105	.130	66.09 €
899 100	Super Long Six Lite	.027	.040	.060	.080	.100	.126	66.09 €
900 100	Super Long Six X-Lite	.020	.030	.050	.070	.095	.120	66.09 €

On request we manufacture strings for 7-, 8-, 9- and 12-string bass guitars.

## UKULELE STRINGS

### SOPRAN UKULELE, scale 34-35 cm

#### STEEL

Item	Tone	∅ / Gauge	Description	Tension	Price
496 100	Set		Sopran Ukulele Steel		9.53 €
496 101	b <sup>1</sup>	0.26 mm	Silver-plated steel	4.7 Kg	2.02 €
496 102	fis <sup>1</sup>	0.36 mm	Silver-plated copper wound on steel	4.4 Kg	2.85 €
496 103	d <sup>1</sup>	0.48 mm	Silver-plated copper wound on steel	4.5 Kg	2.58 €
496 104	a <sup>1</sup>	0.28 mm	Silver-plated steel	4.9 Kg	2.08 €

#### NYLON

Item	Tone	∅ / Gauge	Description	Tension	Price
498 200	Set		Sopran Ukulele Nylon		7.77 €
498 201	b <sup>1</sup>	0.70 mm	Plain nylon	4.4 Kg	1.85 €
498 202	fis <sup>1</sup>	0.90 mm	Plain nylon	4.3 Kg	1.97 €
498 203	d <sup>1</sup>	1.00 mm	Plain nylon	3.4 Kg	2.02 €
498 204	a <sup>1</sup>	0.80 mm	Plain nylon	4.5 Kg	1.92 €

#### CARBON

Item	Tone	∅ / Gauge	Description	Tension	Price
C498 200	Set		Sopran Ukulele Carbon		10.40 €
C498 201	b <sup>1</sup>	0.54 mm	Fluro Carbon	4.4 Kg	2.34 €
C498 202	fis <sup>1</sup>	0.63 mm	Fluro Carbon	4.3 Kg	2.63 €
C498 203	d <sup>1</sup>	0.78 mm	Fluro Carbon	3.4 Kg	2.80 €
C498 204	a <sup>1</sup>	0.54 mm	Fluro Carbon	4.5 Kg	2.63 €

### TENOR UKULELE, scale 40-42 cm

#### STEEL

Item	Tone	∅ / Gauge	Description	Tension	Price
501 100	Set		Tenor Ukulele Steel		8.14 €
501 101	a <sup>1</sup>	0.25 mm	Silver-plated steel	5.0 Kg	2.02 €
501 102	e <sup>1</sup>	0.33 mm	Silver-plated steel	5.0 Kg	2.02 €
501 103	c <sup>1</sup>	0.42 mm	Silver-plated steel	5.0 Kg	2.08 €
501 104	g <sup>1</sup>	0.28 mm	Silver-plated steel	5.0 Kg	2.02 €

#### NYLON

Item	Tone	∅ / Gauge	Description	Tension	Price
501 200	Set		Tenor Ukulele Nylon		7.71 €
501 201	a <sup>1</sup>	0.70 mm	Plain nylon	5.3 Kg	1.85 €
501 202	e <sup>1</sup>	0.80 mm	Plain nylon	5.3 Kg	1.92 €
501 203	c <sup>1</sup>	1.00 mm	Plain nylon	4.0 Kg	2.02 €
501 204	g <sup>1</sup>	0.80 mm	Plain nylon	5.3 Kg	1.92 €

#### CARBON

Item	Tone	∅ / Gauge	Description	Tension	Price
C501 200	Set		Tenor Ukulele Carbon		10.55 €
C501 201	a <sup>1</sup>	0.54 mm	Fluro Carbon	5.3 Kg	2.61 €
C501 202	e <sup>1</sup>	0.63 mm	Fluro Carbon	5.1 Kg	2.91 €
C501 203	c <sup>1</sup>	0.78 mm	Fluro Carbon	5.3 Kg	2.23 €
C501 204	g <sup>1</sup>	0.63 mm	Fluro Carbon	5.3 Kg	2.80 €

### BARITON UKULELE, scale 49 cm

#### NYLON

Item	Tone	∅ / Gauge	Description	Tension	Price
505 200	Set		Bariton Ukulele Nylon		14.13 €
505 201	e <sup>1</sup>	0.80 mm	Plain nylon	5.3 Kg	1.92 €
505 202	b	1.00 mm	Plain nylon	4.7 Kg	2.02 €
505 203	g	0.89 mm	Aluminum wound on nylon silk	3.2 Kg	4.82 €
505 204	d	0.91 mm	Brass wound on nylon silk	3.7 Kg	5.37 €

## BASS UKULELE, scale 53 cm

Item	Tone	∅ / Gauge	Description	Tension	Price
508 200	Set		Ukulele Bass Guitar		41.07 €
508 201	G	1.24 mm	Silver-plated copper on nylon silk	6.5 Kg	8.52 €
508 202	D	1.64 mm	Silver-plated copper on nylon silk	6.5 Kg	9.03 €
508 203	A <sub>1</sub>	2.22 mm	Silver-plated copper on nylon silk	7.5 Kg	10.08 €
508 204	E <sub>1</sub>	2.79 mm	Silver-plated copper on nylon silk	8.5 Kg	13.44 €

We also supply the following strings for Ukulele:

- 4-string Sopran Ukulele with low g string, carbon string version
- 4-string Concert Ukulele with low g string, carbon string version
- 4-string Concert Ukulele with low g string, steel string version
- 6-string Ukulele, nylon version
- 4-string Tenor Ukulele with low g string, nylon string version
- 6-string Tenor Ukulele with low g string, nylon string version
- 4-string Bariton Ukulele, carbon string version
- 4-string Banjo Ukulele, scale 35 cm, nylon string version
- 4-string Banjo Ukulele, scale 39 cm, nylon string version

## CHARANGO STRINGS

Item	Type	Description	Price
516 200	Nylon unisono, 5-courses	<b>Scale 32-36 cm, tension 5.0 kg</b> e <sup>2</sup> e <sup>2</sup> , a <sup>1</sup> a <sup>1</sup> plain nylon e <sup>1</sup> e <sup>1</sup> Silver-plated copper wound on nylon silk c <sup>2</sup> c <sup>2</sup> , g <sup>1</sup> g <sup>1</sup> plain nylon	13.05 €
517 200	Nylon octave, 5-courses	<b>Scale 32-36 cm, tension 5.7 kg</b> e <sup>2</sup> e <sup>2</sup> , a <sup>1</sup> a <sup>1</sup> plain nylon e <sup>1</sup> Silver-plated copper wound on nylon silk e <sup>2</sup> , c <sup>2</sup> c <sup>2</sup> , g <sup>1</sup> g <sup>1</sup> plain nylon	11.76 €
518 100	Steel unisono, 5-courses	<b>Scale 32-36 cm, tension 5.7 kg</b> e <sup>2</sup> e <sup>2</sup> , a <sup>1</sup> a <sup>1</sup> , e <sup>1</sup> e <sup>1</sup> , c <sup>2</sup> c <sup>2</sup> , g <sup>1</sup> g <sup>1</sup> Silver-plated steel	16.80 €
519 100	Steel octave, 5-courses	<b>Scale 32-36 cm, tension 5.0 kg</b> e <sup>2</sup> e <sup>2</sup> , a <sup>1</sup> a <sup>1</sup> , e <sup>1</sup> e <sup>2</sup> , c <sup>2</sup> c <sup>2</sup> , g <sup>1</sup> g <sup>1</sup> Silver-plated steel	16.80 €

## CUATRO SAITEN

4-string nylon, scale 51-52 cm, tension ca. 4.8 kg

Item	Tone	∅ / Gauge	Description	Price
663 200	Set		Cuatro Nylon	5.04 €
663 201	d <sup>1</sup>	0.60 mm	Plain nylon	1.23 €
663 202	f <sup>1</sup>	0.70 mm	Plain nylon	1.23 €
663 203	a <sup>1</sup>	0.70 mm	Plain nylon	1.23 €
663 204	c <sup>1</sup>	0.80 mm	Plain nylon	1.35 €

4-string nylon, scale 51-52 cm, tension ca. 3.4 kg

Item	Tone	∅ / Gauge	Description	Price
664 200	Set		Cuatro Nylon	5.16 €
664 201	a	0.90 mm	Plain nylon	1.35 €
664 202	d <sup>1</sup>	0.70 mm	Plain nylon	1.23 €
664 203	fis <sup>1</sup>	0.55 mm	Plain nylon	1.23 €
664 204	b	0.80 mm	Plain nylon	1.35 €

# MANDOLIN STRINGS

## CHILDREN MANDOLIN

Children mandolin 8-string, scale 33 cm, tension ca. 5.1 kg.

Item	Tone	Ø / Gauge	Description	Price
485/14	Set e <sup>2</sup> e <sup>2</sup> a <sup>1</sup> a <sup>1</sup> d <sup>1</sup> d <sup>1</sup> g g	0.60 mm 0.72 mm 0.58 mm 0.78 mm	<b>Children-Mandolin</b> 2 x Plain nylon 2 x Fluro Carbon Silver-plated wound on nylon silk in 150 cm Silver-plated wound on nylon silk in 140 cm	34.96 €

## OCTAVE MANDOLIN

8-string, scale 51.2 cm. Strings with loop end

Item	Tone	Ø / Gauge	Description	Price
529/1	Set e <sup>1</sup> e <sup>1</sup> a a d d <sup>1</sup> G G	0.30 mm 0.45 mm 0.82 mm 0.36 mm 1.16 mm 0.45 mm	<b>Octave-Mandolin</b> 2 x Silver-plated steel 2 x Silver-plated steel Silver-plated copper wound on steel Silver-plated steel Silver-plated copper wound on steel Silver-plated steel	22.69 €

## SILVER PLATED

Mandolin 8-string, scale 33 cm, tension ca. 6.0 kg. Strings with loop end

Item	Tone	Ø / Gauge	Description	Tension	Price
529 100	Set		<b>Mandolin</b>		12.80 €
529 101	e <sup>2</sup> e <sup>2</sup>	0.24 mm	<b>Silver-plated steel</b>	6.9 Kg	1.47 €
529 102	a <sup>1</sup> a <sup>1</sup>	0.32 mm	<b>Silver-plated steel</b>	5.4 Kg	1.52 €
529 103	d <sup>1</sup> d <sup>1</sup>	0.56 mm	<b>Silver-plated copper wound on steel</b>	6.3 Kg	1.68 €
529 104	g g	0.81 mm	<b>Silver-plated copper wound on steel</b>	5.8 Kg	1.73 €

## LIGHT – Nickel flatwound

Mandolin 8-string, scale 33 cm, tension ca. 6.0 kg. Strings with loop end

Item	Tone	Ø / Gauge	Description	Tension	Price
530 100	Set		<b>Mandolin Light</b>		30.32 €
530 101	e <sup>2</sup> e <sup>2</sup>	0.24 mm	<b>Silver-plated steel</b>	6.8 Kg	1.92 €
530 102	a <sup>1</sup> a <sup>1</sup>	0.33 mm	<b>Nickel flat wound on steel, polished</b>	5.5 Kg	3.98 €
530 103	d <sup>1</sup> d <sup>1</sup>	0.51 mm	<b>Nickel flat wound on steel, polished</b>	5.4 Kg	4.54 €
530 104	g g	0.76 mm	<b>Nickel flat wound on steel, polished</b>	5.5 Kg	4.72 €

## MEDIUM – Nickel flatwound

Mandolin 8-string, scale 33 cm, tension ca. 6.4 kg

Item	Tone	Ø / Gauge	Description	Tension	Price
531 100	Set		<b>Mandolin Medium</b>		30.32 €
531 101	e <sup>2</sup> e <sup>2</sup>	0.25 mm	<b>Silver-plated steel</b>	7.4 Kg	1.92 €
531 102	a <sup>1</sup> a <sup>1</sup>	0.36 mm	<b>Nickel flat wound on steel, polished</b>	6.2 Kg	3.98 €
531 103	d <sup>1</sup> d <sup>1</sup>	0.53 mm	<b>Nickel flat wound on steel, polished</b>	5.9 Kg	4.54 €
531 104	g g	0.79 mm	<b>Nickel flat wound on steel, polished</b>	5.9 Kg	4.72 €

## HEAVY – Nickel flatwound

Mandolin 8-string, scale 33 cm, tension ca. 7.0 kg

Item	Tone	Ø / Gauge	Description	Tension	Price
532 100	Set		<b>Mandolin Heavy</b>		30.32 €
532 101	e <sup>2</sup> e <sup>2</sup>	0.27 mm	<b>Silver-plated steel</b>	8.6 Kg	1.92 €
532 102	a <sup>1</sup> a <sup>1</sup>	0.38 mm	<b>Nickel flat wound on steel, polished</b>	6.9 Kg	3.98 €
532 103	d <sup>1</sup> d <sup>1</sup>	0.56 mm	<b>Nickel flat wound on steel, polished</b>	6.4 Kg	4.54 €
532 104	g g	0.81 mm	<b>Nickel flat wound on steel, polished</b>	6.2 Kg	4.72 €

## NICKEL

Mandolin 8-string, scale 33 cm, tension ca. 6.0 kg. Strings with loop end

Item	Tone	∅ / Gauge	Description	Tension	Price
910 100	Set		Mandolin		18.38 €
910 101	e <sup>2</sup> e <sup>2</sup>	0.25 mm	Stainless steel	3.2 Kg	1.52 €
910 102	a <sup>1</sup> a <sup>1</sup>	0.34 mm	Stainless steel	6.0 Kg	1.57 €
910 103	d <sup>1</sup> d <sup>1</sup>	0.56 mm	Nickel wound on round steel, polished	7.7 Kg	2.80 €
910 104	g g	0.89 mm	Nickel wound on round steel, polished	8.0 Kg	3.30 €

## NICKEL POLISHED SOFTLY

Mandolin 8-string, scale 33 cm, tension ca. 6.0 kg. Strings with loop end

Item	Tone	∅ / Gauge	Description	Tension	Price
930 100	Set		Mandolin		18.38 €
930 101	e <sup>2</sup> e <sup>2</sup>	0.25 mm	stainless steel	3.2 Kg	1.52 €
930 102	a <sup>1</sup> a <sup>1</sup>	0.34 mm	stainless steel	6.0 Kg	1.57 €
930 103	d <sup>1</sup> d <sup>1</sup>	0.56 mm	Nickel wound on hexagon steel, polished	7.7 Kg	2.80 €
930 104	g g	0.89 mm	Nickel wound on hexagon steel, polished	8.0 Kg	3.30 €

## MANDOLA STRINGS

### SILVER PLATED

8-string, scale 45 cm, tension ca. 8.9 kg. Strings with loop end

Item	Tone	∅ / Gauge	Description	Price
540 100	Set		Mandola	30.68 €
540 101	e <sup>1</sup> e <sup>1</sup>	0.43 mm	Silver-plated copper wound on steel	3.70 €
540 102	a a	0.64 mm	Silver-plated copper wound on steel	3.80 €
540 103	d d	1.02 mm	Silver-plated copper wound on steel	3.80 €
540 104	G G	1.52 mm	Silver-plated copper wound on steel	4.04 €

### NICKEL FLATWOUND

8-string, scale 45 cm, tension ca. 8.9 kg. Strings with loop end

Item	Tone	∅ / Gauge	Description	Price
541 100	Set		Mandola Nickel Flatwound	35.38 €
541 101	e <sup>1</sup> e <sup>1</sup>	0.41 mm	Nickel flat wound on steel core, polished	3.41 €
541 102	a a	0.66 mm	Nickel flat wound on steel core, polished	4.48 €
541 103	d d	0.94 mm	Nickel flat wound on steel core, polished	4.82 €
541 104	G G	1.52 mm	Nickel flat wound on steel core, polished	4.98 €

### NICKEL

8-string, scale 45 cm, tension ca. 8.9 kg. Strings with loop end

Item	Tone	∅ / Gauge	Description	Price
915 100	Set		Mandola Nickel Flatwound	33.02 €
915 101	e <sup>1</sup> e <sup>1</sup>	0.48 mm	Nickel on round steel	2.63 €
915 102	a a	0.71 mm	Nickel on round steel, polished	3.47 €
915 103	d d	1.01 mm	Nickel on round steel, polished	3.85 €
915 104	G G	1.48 mm	Nickel on round steel, polished	6.56 €

### NICKEL POLISHED

8-string, scale 45 cm, tension ca. 8.9 kg. Strings with loop end

Item	Tone	∅ / Gauge	Description	Price
935 100	Set		Mandola Nickel	33.02 €
935 101	e <sup>1</sup> e <sup>1</sup>	0.48 mm	Nickel wound on hexagon core, polished	2.63 €
935 102	a a	0.71 mm	Nickel-plated steel on hexagon core, polished	3.47 €
935 103	d d	1.01 mm	Nickel-plated steel on hexagon core, polished	3.85 €
935 104	G G	1.48 mm	Nickel-plated steel on hexagon core, polished	6.56 €

# MANDOLONCELLO STRINGS

## SILVER-PLATED

8-strings, scale 74 cm, tension ca. 13.1 kg. Strings with loop end

Item	Tone	Ø / Gauge	Description	Price
546 100	Set		Mandolncello	54.80 €
546 101	a a	0.48 mm	Silver-plated copper wound on steel	6.61 €
546 102	d d	0.74 mm	Silver-plated copper wound on steel	6.67 €
546 103	G G	1.10 mm	Silver-plated copper wound on steel	6.89 €
546 104	C C	1.58 mm	Silver-plated copper wound on steel	7.23 €

## NICKEL

8-string, scale 74 cm. Strings with loop end

Item	Tone	Ø / Gauge	Description	Price
920 100	Set		Mandolncello Nickel	81.26 €
920 101	a a	0.56 mm	Nickel wound on round steel, polished	6.33 €
920 102	d d	0.86 mm	Nickel wound on round steel, polished	8.41 €
920 103	G G	1.28 mm	Nickel wound on round steel, polished	11.88 €
920 104	C C	1.87 mm	Nickel wound on round steel, polished	14.01 €

## NICKEL POLISHED

8-string, scale 74 cm, Strings with loop end

Item	Tone	Ø / Gauge	Description	Price
940 100	Set		Mandola Nickel	81.26 €
940 101	a a	0.55 mm	Nickel wound on hexagon steel, polished	6.33 €
940 102	d d	0.86 mm	Nickel wound on hexagon steel, polished	8.41 €
940 103	G G	1.28 mm	Nickel wound on hexagon steel, polished	11.88 €
940 104	C C	1.87 mm	Nickel wound on hexagon steel, polished	14.01 €

## MANDOLINBASS – silver-plated

4-string, scale 114 cm, tension ca. 35.8 kg, Strings with loop end

Item	Tone	Ø / Gauge	Description	Price
550 100	Set		Mandolinbass	52.09 €
550 101	G	1.15 mm	Silver-plated copper wound on steel	11.54 €
550 102	D	1.61 mm	Silver-plated copper wound on steel	12.04 €
550 103	A <sub>1</sub>	2.10 mm	Silver-plated copper wound on steel	13.27 €
550 104	E <sub>1</sub>	2.70 mm	Silver-plated copper wound on steel	15.24 €

## MANDOLIN-BANJO 8-STRING – silver-plated

Scale 50-51 cm, tension ca. 15.3 kg, Strings with loop end

Item	Tone	Ø / Gauge	Description	Price
554 100	Set		Mandolin Banjo	12.90 €
554 101	e <sup>2</sup> e <sup>2</sup>	0.24 mm	Silver-plated steel	1.47 €
554 102	a <sup>1</sup> a <sup>1</sup>	0.32 mm	Silver-plated steel	1.52 €
554 103	d <sup>1</sup> d <sup>1</sup>	0.62 mm	Silver-plated copper wound on steel	1.68 €
554 104	g g	0.88 mm	Silver-plated copper wound on steel	1.78 €

# MANDRIOLA/12-STRING MANDOLIN

Scale 34 cm, tension ca. 5.8 kg. Strings with loop end

Item	Tone	Ø / Gauge	Description	Price
544 100	Set		Mandriola	28.82 €
544 101 + 102	e <sup>2</sup>	0.24 mm	2 x Silver-plated steel	1.47 €
544 103	e <sup>1</sup>	0.54 mm	Silver-plated copper wound on steel	3.85 €
544 104 + 105	a <sup>1</sup>	0.32 mm	2 x Silver-plated steel	1.52 €
544 106	a	0.82 mm	Silver-plated copper wound on steel	3.93 €
544 107 + 108	d <sup>1</sup>	0.56 mm	2 x Silver-plated steel	1.68 €
544 109	d	1.18 mm	Silver-plated copper wound on steel	4.04 €
544 110 + 111	g	0.81 mm	2 x Silver-plated steel	1.73 €
544 112	G	1.70 mm	Silver-plated copper wound on steel	4.20 €

## INTERNATIONAL STRINGS

### **BANDURRIA Y LAUD – 12-string**

Bandurria = scale 48.5 cm, Laud = scale 57 cm, tension ca. 9.0 kg. Strings with loop end.

Item	Tone	Description	Price
665 100	Set	Bandurria y Laud Steel	16.74 €

### **BANDOLIN / BANDOLA – 14-string**

Scale 43 cm, tension ca. 2.1 kg

Item	Tone	Description	Price
666 100	Set	Bandolin/Bandola Steel	22.66 €

### **TIPLE – 12-saitig**

Scale 54 cm, tension ca. 3.0 kg

Item	Tone	Description	Price
667 100	Set	Tiple Steel	13.92 €

### **TIMPLE CANARIO – 5-string**

Item	Tone	Description	Price
705 200	Set	Timple Canario Nylon	4.95 €

### **TIMPLE CANARIO – 5-string, Carbon**

Item	Tone	Description	Price
C705 200	Set	Timple Canario Carbon	14.68 €

### **CAVAQUINHO – 4-string**

Item	Tone	Description	Price
488 100	Set	Cavaquinho Nickel Flatwound	10.16 €

Cavaquinho 4-string, stainless steel set item. 489 100 on request.

### **MEXICAN CUATRO TENAYO – 10-string**

Scaler 52 cm. Strings with ball end.

Item	Tone	Description	Price
560/10	Set	Cuatro Tenayo, 10-string g <sup>1</sup> g <sup>1</sup> , d <sup>1</sup> d <sup>1</sup> , a a, e <sup>1</sup> e, B B	11.97 €

### **MEXICAN GUITARRON – 6-string**

Scale 67 cm. Strings with ball end.

Item	Tone	Description	Price
561 100	Set	Guitarron, 6-string a, e, c, G, D, A <sub>1</sub>	49.05 €

### **MEXICAN TRES HAVANA – 6-string**

Scale 55 cm. Strings with ball end.

Item	Tone	Description	Price
562 100	Satz	Tres Havana, 6-string e <sup>1</sup> e <sup>1</sup> , b b, G g <sup>1</sup>	5.66 €

### **MEXICAN TIPLE – 12-string**

Scale 55 cm. Strings with ball end.

Item	Tone	Description	Price
563/12	Set	Mexican Tiple, 12-string e <sup>1</sup> e <sup>1</sup> e <sup>1</sup> , b b b, g <sup>1</sup> G g <sup>1</sup> , d <sup>1</sup> D D	10.38 €

### **MEXICAN VIHUELA – 5-string**

Scale 49 cm, nylon.

Item	Tone	Description	Price
564 200	Set	Mexican Vihuela, 5-string e, b, g, d, a	5.29 €

Strings for Mexican 21-string Bajo Sexto on request.



# BANJO STRINGS

## GUITAR BANJO

6-string, scale 62 cm, tension ca. 5.3 kg. Strings with ball end (or loop end on request).

Item	Tone	Description	Price
514 100	Set	<b>Guitar-Banjo</b> e <sup>1</sup> , b, g Silver-plated steel d, A, E Silver-plated copper on steel	7.20 €

## TENOR BANJO – silver-plated

4-string with loop end, scale 58 cm, tension ca. 7.0 kg

Item	Tone	Description	Price
520 100	Set	<b>Tenor Banjo</b> a <sup>1</sup> , d <sup>1</sup> , g, c	13.10 €

## TENOR BANJO – Nickel

4-string with loop end, scale 58 cm, tension ca. 7.0 kg.

Item	Tone	Description	Price
521 100	Set	<b>Tenor Banjo</b> a <sup>1</sup> , d <sup>1</sup> , g, c	13.62 €

## TENOR BANJO – Stainless Steel

4-string with loop end, scale 58 cm, tension ca. 7.3 kg

Item	Tone	Description	Price
510 100	Set	<b>Tenor Banjo Light</b> a <sup>1</sup> , d <sup>1</sup> , g, c	13.62 €

4-string with loop end, scale 58 cm, tension ca. 8.1 kg

Item	Tone	Description	Price
511 100	Set	<b>Tenor Banjo Medium</b> a <sup>1</sup> , d <sup>1</sup> , g, c	13.62 €

## TENOR BANJO – Bronze

4-string with loop end, scale 58 cm, tension ca. 7.3 kg

Item	Tone	Description	Price
512 100	Set	<b>Tenor Banjo</b> a <sup>1</sup> , d <sup>1</sup> , g, c	13.62 €

## IRISH BANJO – Brass

4-string with loop end

Item	Tone	Description	Price
522 100	Set	<b>Irish-Banjo</b> e <sup>1</sup> , a, d, G	17.98 €

## IRISH TENOR BANJO – Nickel

4-string with loop end, scale 58 cm, tension ca. 6.5 kg.

Item	Tone	Description	Price
523 100	Set	<b>Irish-Tenor Banjo</b> e <sup>1</sup> , a, d, G	13.62 €

## PLECTRUM BANJO – Stainless Steel

4-string, scale 58 cm, tension ca. 5.8 kg, strings with loop end.

Item	Tone	Description	Price
526 100	Set	<b>Plectrum-Banjo</b> d <sup>1</sup> , b, g, c	11.21 €

## BANJO 5-STRING – Nickel

Scale 65 cm, tension ca. 7.4 kg, set with g-3<sup>rd</sup> plain. Strings with loop end.

Item	Tone	Description	Price
524 100	Set	<b>5-string Banjo</b> d <sup>1</sup> , b, g, c, g <sup>1</sup>	13.94 €

Scale 65 cm, tension ca. 7.4 kg, set with g-3<sup>rd</sup>. Nickel wound. Strings with loop end.

Item	Tone	Description	Price
525 100	Set	<b>5-string Banjo</b> d <sup>1</sup> , b, g, c, g <sup>1</sup>	16.82 €

## BOUZOUKI STRINGS

### GREEK BOUZOUKI 6-STRING & 8-STRING

Scale 69 cm, tension ca. 8.4 kg, strings with loop end, for acoustic and electric style.

Item	Tone	Ø / Gauge	Description	Tension	Price
672/6	Set		6-string bouzouki		9.64 €
672 101	d <sup>1</sup>	0.28 mm	Silver-plated steel	8.0 Kg	1.47 €
672 102	d <sup>1</sup>	0.28 mm	Silver-plated steel	8.0 Kg	1.47 €
672 103	a	0.36 mm	Silver-plated steel	7.5 Kg	1.47 €
672 104	a	0.36 mm	Silver-plated steel	7.5 Kg	1.47 €
672 105	d <sup>1</sup>	0.28 mm	Silver-plated steel	8.0 Kg	1.47 €
672 106	f	0.56 mm	Nickel wound on steel	9.9 Kg	2.29 €
672/8	Set		8-string bouzouki		13.52 €
672 107	d <sup>1</sup>	0.28 mm	Silver-plated steel	8.0 Kg	1.47 €
672 108	c	0.76 mm	Nickel wound on steel	10.0 Kg	2.41 €

### IRISH BOUZOUKI 8-STRING – unisono

Scale 69 cm. Strings with loop end.

Item	Tone	Ø / Gauge	Description	Tension	Price
671/8A	Set		8-string Irish Bouzouki unisono		15.28 €
	e <sup>1</sup>	0.26 mm	Silver-plated steel	8.8 Kg	1.47 €
	e <sup>1</sup>	0.26 mm	Silver-plated steel	8.8 Kg	1.47 €
	a	0.38 mm	Silver-plated steel	8.4 Kg	1.47 €
	a	0.38 mm	Silver-plated steel	8.4 Kg	1.47 €
	d	0.64 mm	Brass wound on steel	8.8 Kg	2.29 €
	d	0.64 mm	Brass wound on steel	8.8 Kg	2.29 €
	G	0.98 mm	Brass wound on steel	9.0 Kg	2.41 €
	G	0.98 mm	Brass wound on steel	9.0 Kg	2.41 €

### IRISH BOUZOUKI 8-STRING

Scale 69 cm. Strings with loop end.

Item	Tone	Ø / Gauge	Description	Tension	Price
671/8B	Set		8-string Irish Bouzouki octave		14.34 €
	e <sup>1</sup>	0.26 mm	Silver-plated steel	8.8 Kg	1.47 €
	e <sup>1</sup>	0.26 mm	Silver-plated steel	8.8 Kg	1.47 €
	a	0.38 mm	Silver-plated steel	8.4 Kg	1.47 €
	a	0.38 mm	Silver-plated steel	8.4 Kg	1.47 €
	d	0.64 mm	Brass wound on steel	8.8 Kg	2.29 €
	d <sup>1</sup>	0.30 mm	Silver-plated steel	9.3 Kg	1.47 €
	G	0.98 mm	Brass wound on steel	9.0 Kg	2.41 €
	g	0.46 mm	Brass wound on steel	8.6 Kg	2.29 €

## SAROD STRINGS

### SAROD 25-STRING

Ali Akbar Style, total string length 135 cm

Item	Tone	Ø / Gauge	Description	Price
700/25	Set		Sarod 25-string	37.83 €
700 101	Ma	0.20 mm	Silver-plated steel	1.52 €
700 102	Sa	0.23 mm	Silver-plated steel	1.52 €
700 403	Pa	0.25 mm	Bronze blank	1.47 €
700 404	Sa	0.41 mm	Bronze blank	1.47 €
700 105	Ni	0.23 mm	Silver-plated steel	1.52 €
700 106	Re	0.23 mm	Silver-plated steel	1.52 €
700 107	Ga	0.23 mm	Silver-plated steel	1.52 €
700 108	Sa	0.25 mm	Silver-plated steel	1.52 €
700 109	Sa	0.20 mm	Silver-plated steel	1.52 €
700 110	Sa	0.20 mm	Silver-plated steel	1.52 €
700 111	1.	0.25 mm	Silver-plated steel sympatetic string 1.	1.52 €
700 112	2. – 12.	0.23 mm	Silver-plated steel sympatetic string 2.-12.	16.65 €
700 113	13. – 15.	0.20 mm	Silver-plated steel sympatetic strings 13.-15.	4.56 €

## SURBAHAR STRINGS

### SURBAHAR 21-STRING – total string length 165 cm

Item	Tone	Ø / Gauge	Description	Price
701/21	Set		Surbahar 21-string	38.32 €
	1.	0.36 mm	Silver-plated steel	1.68 €
	2.	0.55 mm	Bronze	1.92 €
	3.	0.70 mm	Brass	2.23 €
	4.	1.22 mm	Brass wound on steel	8.29 €
	5.	0.36 mm	Silver-plated steel	1.68 €
	6.	0.33 mm	Silver-plated steel	1.68 €
	7.	0.30 mm	Silver-plated steel	1.68 €
	8.	0.28 mm	Silver-plated steel	1.68 €
		0.30 mm	Silver-plated steel 13 sympatetic strings	17.48 €

## SAZ STRINGS

### 8-STRING

Scale 86 cm, strings with loop, total string length 130 cm, for long neck saz

Item	Tone	Description	Price
675/8	a a A d d g g G	<b>Saz 8-string</b> 2 x Silver-plated steel 0.20 mm + Silver-plated wound 0.38 mm 2 x Silver-plated steel 0.30 mm 2 x Silver-plated steel 0.22 mm + Silver-plated wound 0.55 mm	14.72 €

### 7-STRING FOR LONG NECK SAZ

Item	Tone	Description	Price
675/7	Set	<b>Saz 7-string</b> 3 x Silver-plated steel 0.20 mm + Silver-plated wound 0.38 mm 2 x Silver-plated steel 0.30 mm + Silver-plated wound 0.55 mm	13.27 €

### 7-STRING FOR SHORT NECK SAZ

Item	Tone	Description	Price
676/7	Set	<b>Saz 7-string</b> 3 x Silver-plated steel 0.18 mm + Silver-plated wound 0.38 mm 2 x Silver-plated steel 0.28 mm + Silver-plated wound 0.55 mm	13.27 €

## PYRAMID STEEL WIRE ON SPOOLS

We supply 100 meter or 0.5 kg spools in request. Please ask for separate price list.

Description	∅ / Gauge in mm
Steel	0.18 0.20 0.22 0.23 0.25 0.26 0.27 0.28 0.29 0.30 0.31 0.32
Steel	0.33 0.34 0.35 0.36 0.37 0.38 0.39 0.40 0.42 0.43 0.44 0.45

## SITAR STRINGS

### RAVI SHANKAR STYLE

#### MEDIUM – 7- and 18-string

Item	Tone	∅ / Gauge	Description	Price
677/7	Set		<b>Sitar 7-string</b>	10.64 €
677 101	Ma	0.28 mm	<b>Silver-plated steel</b>	1.35 €
677 402	Sa	0.34 mm	<b>Bronze</b>	1.47 €
677 403	Pa	0.45 mm	<b>Bronze</b>	1.52 €
677 404	Sa	0.70 mm	<b>Brass</b>	1.85 €
677 105	Pa	0.26 mm	<b>Silver-plated steel</b>	1.41 €
677 106	Sa	0.20 mm	<b>Silver-plated steel</b>	1.52 €
677 107	Sa	0.20 mm	<b>Silver-plated steel</b>	1.52 €
677/11	Set	0.20 mm	<b>Silver-plated steel 11 sympatetic strings</b>	13.64 €
677/18	Set		<b>Sitar 18-string</b>	24.28 €

#### HEAVY – 7-, 18- and 20-string

Item	Tone	∅ / Gauge	Description	Price
678/7	Set		<b>Sitar 7-string</b>	10.64 €
678 401	Ma	0.30 mm	<b>Silver-plated steel</b>	1.35 €
678 402	Sa	0.40 mm	<b>Bronze</b>	1.47 €
678 403	Pa	0.55 mm	<b>Bronze</b>	1.52 €
678 404	Sa	0.75 mm	<b>Brass</b>	1.85 €
678 405	Pa	0.30 mm	<b>Silver-plated steel</b>	1.41 €
678 406	Sa	0.22 mm	<b>Silver-plated steel</b>	1.52 €
678 407	Sa	0.22 mm	<b>Silver-plated steel</b>	1.52 €
678/13	Set	0.22 mm	<b>Silver-plated steel 13 sympatetic strings</b>	16.12 €
678/18	Set		<b>Sitar 18-string</b>	24.28 €
678/20	Set		<b>Sitar 20-string with 13 sympatethic strings</b>	26.76 €

## “THE GOLDENSTRING”, Ghandhar Pancham Style

With “The GoldenString” we supply a new product line for Sitar players. These extremely precision made brass coated steel wires produce

an excellent tone and timbre with the advantage of anti-tarnishing characteristics and durability.

### MEDIUM – 6- and 17-string

Item	Tone	Ø / Gauge	Description	Price
M673/6	Set		Sitar 6-string Medium	8.63 €
M673 101	Ma	0.28 mm	Brass coated steel	1.35 €
M673 402	Sa	0.325 mm	brass	1.47 €
M673 103	Ga	0.28 mm	Brass coated steel	1.35 €
M673 104	Pa	0.25 mm	Brass coated steel	1.42 €
M673 105	Sa	0.20 mm	Brass coated steel	1.52 €
M673 106	Sa	0.20 mm	Brass coated steel	1.52 €
M673/11	Set	0.20 mm	Brass coated steel 11 x sympatetic strings	16.66 €
M673/17	Set		Sitar 17-string	25.29 €

### HEAVY – 6- and 17-string

Item	Tone	Ø / Gauge	Description	Price
H673/6	Set		Sitar 6-string Heavy	8.63 €
H673 101	Ma	0.30 mm	Brass coated steel	1.35 €
H673 402	Sa	0.375 mm	Brass	1.47 €
H673 103	Ga	0.28 mm	Brass coated steel	1.35 €
H673 104	Pa	0.25 mm	Brass coated steel	1.42 €
H673 105	Sa	0.22 mm	Brass coated steel	1.52 €
H673 106	Sa	0.22 mm	Brass coated steel	1.52 €
H673/11	Set	0.22 mm	Brass coated steel 11 sympatetic strings	16.66 €
H673/17	Set		Sitar 17-string	25.29 €

## “THE GOLDENSTRING”, Kharaj Pancham Style

### MEDIUM – 7- and 20-string

Item	Tone	Ø / Gauge	Description	Price
M674/7	Set		Sitar 7-string Medium	10.65 €
M674 101	Ma	0.28 mm	Brass coated steel	1.35 €
M674 402	Sa	0.325 mm	Bronze	1.47 €
M674 403	Pa	0.45 mm	Bronze	1.52 €
M674 404	Sa	0.70 mm	Brass	1.85 €
M674 105	Pa	0.25 mm	Brass coated steel	1.42 €
M674 106	Sa	0.25 mm	Brass coated steel	1.52 €
M674 107	Sa	0.25 mm	Brass coated steel	1.52 €
M674/13	Set	0.20 mm	Brass coated steel 13 sympatetic strings	19.69 €
M674/20	Set		Sitar 20-string	30.34 €

### HEAVY – 7- and 20-string

Item	Tone	Ø / Gauge	Description	Price
H674/7	Set		Sitar 7-string Heavy	10.58 €
H674 101	Ma	0.30 mm	Brass coated steel	1.35 €
H674 402	Sa	0.375 mm	Bronze	1.47 €
H674 403	Pa	0.55 mm	Bronze	1.52 €
H674 404	Sa	0.80 mm	Brass	1.85 €
H674 105	Pa	0.28 mm	Brass coated steel	1.35 €
H674 106	Sa	0.22 mm	Brass coated steel	1.52 €
H674 107	Sa	0.22 mm	Brass coated steel	1.52 €
H674/13	Set	0.22 mm	Brass coated steel 13 sympatetic strings	19.69 €
H674/20	Set		Sitar 20-string	30.27 €

## TANPURA STRING

### 4-STRING (FEMALE) – total string length 153 cm

Item	Tone	Ø / Gauge	Description	Price
705/4	Set		Tanpura 4-string	6.96 €
705 101	1.	0.36 mm	Silver-plated steel	1.68 €
705 102	2.	0.30 mm	Brass coated steel	1.68 €
705 103	3.	0.30 mm	Brass coated steel	1.68 €
705 104	4.	0.55 mm	Bronze	1.92 €

### 4-STRING (MALE) – total string length 153 cm

Item	Tone	Ø / Gauge	Description	Price
706/4	Set		Tanpura 4-string	7.20 €
706 101	1.	0.55 mm	Bronze	1.92 €
706 102	2.	0.50 mm	Silver-plated steel	1.68 €
706 103	3.	0.50 mm	Silver-plated steel	1.68 €
706 104	4.	0.70 mm	Brass	1.92 €

### INSTRUMENTAL 4-STRING – total string length 115 cm

Item	Tone	Ø / Gauge	Description	Price
707/4	Set		Tanpura Instrumental 4-string	5.90 €
707 101	1.	0.36 mm	Silver-plated steel	1.35 €
707 102	2.	0.30 mm	Brass coated steel	1.35 €
707 103	3.	0.30 mm	Brass coated steel	1.35 €
707 104	4.	0.55 mm	Bronze	1.85 €

### INSTRUMENTAL 5-STRING – total string length 115 cm

Item	Tone	Ø / Gauge	Description	Price
708/5	Set		Tanpura Instrumental 5-string	8.24 €
708 101	1.	0.36 mm	Silver-plated steel	1.35 €
708 102	2.	0.30 mm	Brass coated steel	1.68 €
708 103	3.	0.30 mm	Brass coated steel	1.68 €
708 104	4.	0.30 mm	Brass coated steel	1.68 €
708 105	5.	0.55 mm	Bronze	1.85 €

### INSTRUMENTAL 6-STRING – total string length 115 cm

Item	Tone	Ø / Gauge	Description	Price
709/6	Set		Tanpura Instrumental 6-string	9.59 €
709 101	1.	0.36 mm	Silver-plated steel	1.35 €
709 102	2.	0.36 mm	Silver-plated steel	1.35 €
709 103	3.	0.30 mm	Brass coated steel	1.68 €
709 104	4.	0.30 mm	Brass coated steel	1.68 €
709 105	5.	0.30 mm	Brass coated steel	1.68 €
709 106	6.	0.55 mm	Bronze	1.85 €

# BALALAIKA STRINGS

PYRAMID Balalaika Strings are worked-out together with famous Russian artists.

## PICCOLO – 3- and 6-string

Scale 27-30 cm. Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
678/3	Set		Balalaika Piccolo 3-string	8.27 €
678 001	a <sup>2</sup>	0.20 mm	Silver-plated steel	2.42 €
678 102	e <sup>2</sup>	0.26 mm	Silver-plated steel	2.42 €
678 103	b <sup>1</sup>	0.44 mm	Silver-plated copper wound on steel	3.43 €
678/6	Set		Balalaika Piccolo 6-string	16.54 €

## PRIMA (SOPRAN) – 3- and 6-string

Scale 43-44 cm. Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
679/3	Set		Balalaika Prim 3-string	8.96 €
679 101	a <sup>2</sup>	0.28 mm	Silver-plated steel	2.34 €
679 102	e <sup>1</sup>	0.38 mm	Silver-plated steel	3.31 €
679 103	e <sup>1</sup>	0.38 mm	Silver-plated steel	3.31 €
679/6	Set		Balalaika Prim 6-string	17.92 €

## SEKUND – 3- and 6-string

Scale 49 cm. Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
680/3	Set		Balalaika Sekund 3-string	10.19 €
680 101	d <sup>1</sup>	0.46 mm	Silver-plated copper wound on steel	3.57 €
680 102	a	0.60 mm	Silver-plated copper wound on steel	3.31 €
680 103	a	0.60 mm	Silver-plated copper wound on steel	3.31 €
680/6	Set		Balalaika Sekund 6-string	20.38 €

## ALT – 3- and 6-string

Scale 49-50 cm. Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
681/3	Set		Balalaika Alt 3-string	11.23 €
681 101	a	0.52 mm	Silver-plated copper wound on steel	3.63 €
681 102	e	0.74 mm	Silver-plated copper wound on steel	3.80 €
681 103	e	0.74 mm	Silver-plated copper wound on steel	3.80 €
681/6	Set		Balalaika Alt 6-string	22.46 €

## BASS – 3-string

Scale 78-80 cm. Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
682/3	Set		Balalaika Bass 3-string	21.49 €
682 101	d	0.74 mm	Silver-plated copper wound on steel	6.94 €
682 102	A	1.00 mm	Silver-plated copper wound on steel	7.12 €
682 103	E	1.35 mm	Silver-plated copper wound on steel	7.43 €

## KONTRA BASS – 3-string

Scale 93-96 cm. Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
683/3	Set		Balalaika Bass 3-string	33.26 €
683 101	D	1.15 mm	Silver-plated copper wound on steel	10.51 €
683 102	A <sub>1</sub>	1.60 mm	Silver-plated copper wound on steel	10.80 €
683 103	E <sub>1</sub>	2.15 mm	Silver-plated copper wound on steel	11.95 €

## SUB-KONTRA-BASS – 3-string

Scale 116-120 cm. Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
684/3	Set		Balalaika Bass 3-string	33.82 €
684 101	D	1.25 mm	Silver-plated copper wound on steel	10.53 €
684 102	A <sub>1</sub>	1.70 mm	Silver-plated copper wound on steel	11.22 €
684 103	E <sub>1</sub>	2.20 mm	Silver-plated copper wound on steel	12.07 €



## DOMRA STRINGS

### PICCOLO – 3-string

Scale 29 cm, Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
685/3	Set		Domra Piccolo 3-string	8.41 €
685 101	a <sup>2</sup>	0.22 mm	Silver-plated steel	2.42 €
685 102	e <sup>2</sup>	0.30 mm	Silver-plated steel	2.42 €
685 103	b <sup>1</sup>	0.43 mm	Nickel wound on steel	3.57 €

### PRIMA – 3-string

Scale 35 cm, Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
686/3	St		Domra Prim 3-string	8.41 €
686 101	d <sup>2</sup>	0.27 mm	Silver-plated steel	2.42 €
686 102	a <sup>1</sup>	0.32 mm	Silver-plated steel	2.42 €
686 103	e <sup>1</sup>	0.52 mm	Nickel wound on steel	3.57 €

### MEZZOSPORANO – 3-string

Scale 44.5 cm, Strings with loop end.

Item	Tone	Ø / Gauge	Description	Price
687/3	Set		Domra Mezzosoprano 3-string	9.56 €
687 101	a <sup>2</sup>	0.34 mm	Silver-plated steel	2.42 €
687 102	e <sup>1</sup>	0.50 mm	Nickel wound on steel	3.57 €
687 103	b	0.64 mm	Nickel wound on steel	3.57 €

### ALT – 3-string

Scale 54 cm, Strings with loop end.

Item	Tone	Description	Price
688/3	Set	Domra Alt 3-string d <sup>1</sup> , a, e Nickel wound on steel	11.23 €

### TENOR – 3-string

Scale 58 cm, Strings with loop end.

Item	Tone	Description	Price
689/3	Set	Domra Tenor 3-string a, e, B Nickel wound on steel	14.06 €

### BASS – 3-string

Scale 71 cm, Strings with loop end.

Item	Tone	Description	Price
690/3	Set	Domra Bass 3-string d, A, E Nickel wound on steel	21.49 €

### KONTRABASS – 3-string

Scale 90 cm, Strings with loop end.

Item	Tone	Description	Price
691/3	Set	Domra Double Bass 3-string G, D, A Nickel wound on steel	32.26 €

## KANOUN STRING

Item	Description	Price
704/81	Kanoun 81-string set, 1 course = 3 strings	86.07 €
704 1. Octave	Nylon 0.60 mm = 3 course with each 3 strings	5.58 €
704 2. Octave	Nylon 0.60 mm = 3 course with each 3 strings	5.58 €
704 2. Octave	Nylon 0.70 mm = 4 course with each 3 strings	9.88 €
704 3. Octave	Nylon 0.70 mm = 1 course with each 3 strings	1.86 €
704 3. Octave	Nylon 0.80 mm = 4 courses with each 3 strings	7.92 €
704 3. Octave	Nylon 1.00 mm = 2 courses with each 3 strings	4.58 €
704 4. Octave	Nylon 1.00 mm = 1 course with each 3 strings	2.29 €
704 4. Octave	Nylon 1.10 mm = 1 course with each 3 strings	2.85 €
704 4. Octave	Nylon 1.20 mm = 1 course with each 3 strings	3.59 €
704 4. Octave	Silver-plated wound = 4 courses with each 3 strings	25.08 €
704 5. Octave	Silver-plated wound = 3 courses with each 3 strings	16.86 €

## AOUD STRINGS

Since decades we have a big experience in manufacturing aoud strings. PYRAMID Aoud Strings are strings of unsurpassed quality with extraordinary tone and exceptional long life. Made of finest materials, with greatest precision and by expert hands, reliable, perfect and true. We export our aoud strings to all Arabic countries.

### ARABIC AOUD 10-STRING OR 11-STRING – scale: 60-62 cm

Orange label.

Item	Tone	Ø / Gauge	Description	Tension	Price
650 200	Set		10-string set with d-3rd plain nylon		7.74 €
650 000	Set		10-string set with d-3rd silver-plated wound		8.46 €
650 201	c <sup>1</sup>	0.70 mm	Plain nylon	3.9 Kg	1.17 €
650 202	g	0.80 mm	Plain nylon	2.8 Kg	1.22 €
650 203 or	d	1.00 mm	Plain nylon	2.5 Kg	1.41 €
650 003		0.60 mm	Silver-plated copper wound on nylon silk	4.0 Kg	2.13 €
650 204	A	0.73 mm	Silver-plated copper wound on nylon silk	3.8 Kg	1.92 €
650 205	G	0.82 mm	Silver-plated copper wound on nylon silk	4.0 Kg	2.02 €
650 206	C	1.10 mm	Silver-plated copper wound on nylon silk	3.7 Kg	1.52 €
650/11	Set		11-string set with d-3rd silver-plated wound		9.98 €

### ARABIC AOUD 10-STRING OR 11-STRING – scale: 60-62 cm

Yellow label.

Item	Tone	Ø / Gauge	Description	Tension	Price
652 200	Set		10-string set with d-3rd plain nylon		8.44 €
652 000	Set		10-string set with d-3rd brass wound		9.21 €
652 201	c <sup>1</sup>	0.70 mm	Black nylon	3.9 Kg	1.17 €
652 202	g	0.80 mm	Black nylon	2.8 Kg	1.22 €
652 203 oder	d	1.00 mm	Black nylon	2.5 Kg	1.41 €
652 003		0.62 mm	Brass wound on nylon silk	4.0 Kg	2.18 €
652 204	A	0.75 mm	Brass wound on nylon silk	3.8 Kg	2.23 €
652 205	G	0.87 mm	Brass wound on nylon silk	4.0 Kg	2.41 €
652 206	C	1.11 mm	Brass wound on nylon silk	3.7 Kg	1.85 €
652/11	Set		11-string set with d-3rd brass wound		11.06 €

### ARABIC SUPER-AOUD 10-STRING OR 11-STRING – scale: 60-62 cm

PYRAMID "SUPER" Aoud strings produce an extraordinary brightness and clarity of sound. Effortless playing and long string life are further important features of these strings.

Item	Tone	Ø / Gauge	Description	Tension	Price
665 200	Set		10-string set		14.83 €
665 201	c <sup>1</sup>	0.70 mm	Special nylon	3.9 Kg	2.02 €
665 202	g	0.90 mm	Special nylon	3.6 Kg	2.13 €
665 203	d	0.57 mm	Silver-plated copper wound on nylon silk	4.0 Kg	3.47 €
665 204	A	0.73 mm	Silver-plated copper wound on nylon silk	3.8 Kg	3.41 €
665 205	G	0.76 mm	Silver-plated copper wound on nylon silk	4.0 Kg	3.80 €
665 206	C	1.10 mm	Silver-plated copper wound on nylon silk	5.0 Kg	2.85 €
665/11	Set		11-string set		17.68 €

### TURKISH AOUD 11-STRING – scale 58-60 cm

Item	Tone	Ø / Gauge	Description	Tension	Price
706 200	Set		11-string set		9.20 €
706 201	d <sup>1</sup>	0.55 mm	Special nylon	3.0 Kg	1.12 €
706 202	a	0.71 mm	Special nylon	3.0 Kg	1.17 €
706 203	e	0.63 mm	Silver-plated copper wound on nylon silk	5.5 Kg	2.13 €
706 204	H	0.71 mm	Silver-plated copper wound on nylon silk	4.4 Kg	1.85 €
706 205	A	0.81 mm	Silver-plated copper wound on nylon silk	5.3 Kg	1.92 €
706 206	G	0.99 mm	Silver-plated copper wound on nylon silk	6.7 Kg	1.01 €

## PREMIUM Aoud STRINGS

We have further improved the quality of our PYRAMID-Lute Strings with the close cooperation of famous Lute players and lute makers. Scientific methods based on oscillograph and Fourier analysis as well the Optimal combination of materials, construction and manufacturing techniques have resulted in the full

Activation of the sound spectrum in these new clear and pure sounding strings.

You will definitely gain more flexibility using our PYRAMID lute strings!

On request we also manufacture premium lute strings for your instrument.

To achieve the best possible combination, we need from you the following details:

- Vibrating length (scale)
- Complete tuning
- Tension in kg

For the plain strings you can choose between:

- Clear nylon (plain nylon)
- Nylon rectified (polished)
- Fluro Carbon plain
- Fluro Carbon rectified (polished)

For the wound strings we offer:

- silver-plated copper wire on high-strength nylon silk (standard strings)
- plain copper wire on high-strength nylon silk

### Standard tuning for arabic lute/aoud:

c <sup>1</sup> g d A G	10-string set
c <sup>1</sup> g d A G C	11-string set

### Standard tuning for Turkish aoud instruments:

d <sup>1</sup> a e H A G	11-string set
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If you would like to have a special tuning, no problem for us, we are able to calculate for you the perfect set.

## Aoud PICKS

PYRAMID aoud picks made of finest celluloid.

Item	Description	Price
655	Aoud picks	0.62 €
P655	Professional aoud picks, polished medium 0,70 mm	1.22 €
P656	Professional aoud picks, polished heavy 0,90 mm	1.34 €
P657	Professional aoud picks, polished extra heavy 1,20 mm	1.47 €

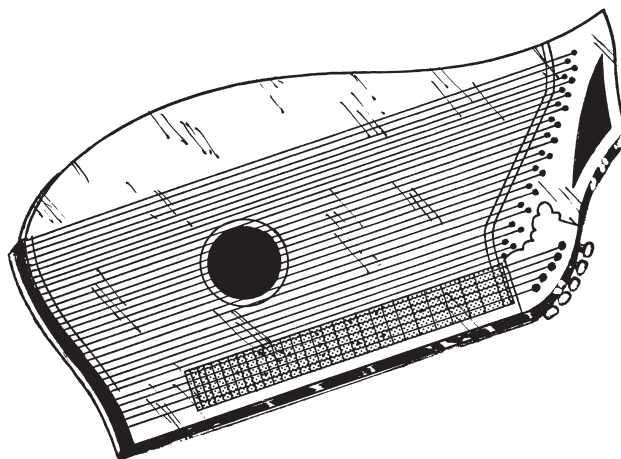


## CONCERT HARP STRINGS

- Concert Harp Strings 35- & 45-String Set. Nylon & Gut strings combination.
- Concert Harp Strings 35- & 45-String Set. Nylon & Silver-plated copper on steel combination.
- Tiroler Volks- und Liederharfen Strings 36-, 37- & 39-String set. Nylon & Silver-plated copper on nylon silk combination.
- Irish/Celtic Harp Strings 34- & 36-String Set. Nylon & Silver-plated copper on steel combination.

## ZITHER STRINGS

- Concert Zither
- Harp Zither
- Alt Zither
- Bass Zither
- Quint Zither
- Psalterform Zither
- Akkord Zither
- Autoharp



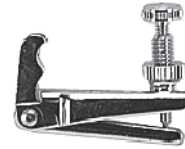
## LYRE STRINGS

We produce specially designed strings for different types of lyres. Here we have to know the exact vibrating length (scale) and the notes of each string.

## ACCESSORIES FOR MUSIC INSTRUMENTS

### STRING ADJUSTERS "WITNER"

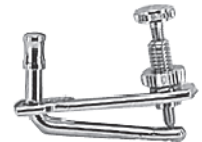
Item	Description	Price
695 100	Violin string adjusters nickel-plated	2.41 €
695 200	Violin string adjusters nickel-plated	2.23 €
695 400	Cello string adjusters nickel-plated	9.97 €



### TAILPIECE "WITNER"

Tailpieces Ultra strong – Ultra light, made of "Space Age" composite material with 4 string adjusters.

Item	Description	Price
697 100	Tailpiece for violin	19.77 €
697 200	Tailpiece for viola	22.91 €
697 400	Tailpiece for cello	32.04 €



### ROSIN "WALTER GEIPEL"

Item	Description	Price
700 100	Rosin for violin „Paganini“ quadrate	2.63 €
700 200	Rosin for violin „Paganini“ round	3.65 €
700 300	Rosin for violin „Profi“ round	4.25 €
700 400	Rosin for violin „Golden Basic“ round	8.01 €
700 500	Rosin for cello „Sonic“ round	4.59 €
700 600	Rosin for Bass „Alaska“ round	7.35 €

## PITCH PIPES AND CHROMATIC PITCH INSTRUMENTS

As one of the world oldest and foremost pitch pipe manufacturers, we have an experience of many decades in the field of manufacture all kinds of pitch pipes. Made by skilled workers and tuned by electronic tuners, the PYRAMID pitch pipes offer the highest precision of tone and an easy response.

**Pitch:** a<sup>1</sup>- 440 Hz (international philharmonic pitch)

The tubes, reed plates and reeds of the pitch pipes are made of high-grade brass. All pitch pipes have a bright nickel-plated finish. The bodies of the plastic models are made of shock-proof ABS-plastic, with coloured finish.

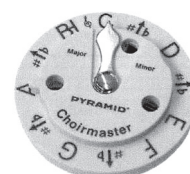
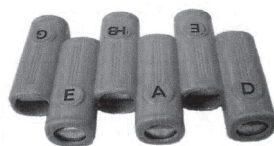
**Guarantee:** We guarantee in full the quality of our pitch pipes and make full restitution or replacement in case of justified claim.

Packing unit = 1 dozen in an PYRAMID outer carton

Item	Description	Euro per piece		
		1 up to 120 pieces	120 up to 300 pcs.	300 pieces etc.
1680	Key of A, nickel-plated tube	3.35 €	3.18 €	3.02 €
1700	Key of C, nickel-plated tube	3.35 €	3.18 €	3.02 €
1740	Violin/Mandolin pitch pipes, 4-notes, nickel-plated tubes	9.92 €	9.42 €	8.93 €
1750	Viola/Cello/Tenor-Banjo pitch pipes, 4-notes, nickel-plated tubes	9.92 €	9.42 €	8.93 €
1760	Ukulele pitch pipes, 4 notes, nickel-plated tubes	9.92 €	9.42 €	8.93 €
1770	Banjo pitch pipes, 5-notes, nickel-plated tubes	11.59 €	11.01 €	10.43 €
1775	Aoud pitch pipes, 5-notes, nickel-plated tubes	11.59 €	11.01 €	10.43 €
1780	Guitar pitch pipes, 6-notes, nickel-plated tubes	13.21 €	12.55 €	11.89 €
1784	Guitar pitch pipes, 6-notes, plastic model	10.65 €	10.12 €	9.59 €
1785	Guitar pitch pipes, 6-notes, star-shape plastic model	7.40 €	7.03 €	6.66 €

Item	Description	Price
1840	Chord Indicator, 12-notes	56.52 €
1850	Chromatic Pitch Instrument 13-notes F-F	28.02 €
1860	Chromatic Pitch Instrument 13-notes C-C	28.02 €

Item	Description	Euro per piece		
		1 up to 120 pieces	120 up to 300 pcs.	300 pieces etc.
1880	A-pitch pipe with key ring	Netto 1.94 €	Netto 1.84 €	Netto 1.75 €



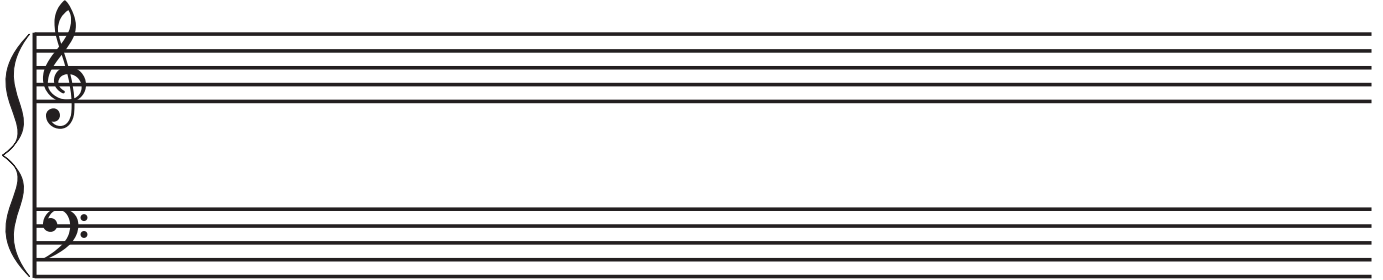
# SPECIAL CONSTRUCTED STRINGS

FOR YOUR CUSTOM INSTRUMENT AND YOUR SPECIAL NEEDS, WE CAN DELIVER SPECIAL CONSTRUCTED STRINGS.  
JUST LET US KNOW SOME MORE DETAILS AS FOLLOWS:

1. Name of Instrument

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2. Complete tuning of Instruments (each note/tone)



3. Number of strings, number of courses

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4. Tension in kg, if available

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5. Total string lengths in cm

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6. Loop end or ball end

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7. Scale length / vibrating length (length from bridge to saddle)

Length 1:

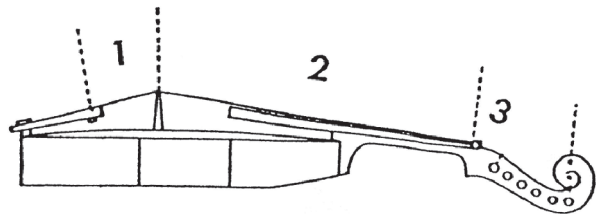
Tailpiece to bridge \_\_\_\_\_ cm

Length 2:

Bridge to saddle  
(vibrating length or scale) \_\_\_\_\_ cm

Length 3:

Saddle to 1st tuning peg or machine head \_\_\_\_\_ cm



8. Required material of string

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Plain/clear:

- nylon
- fluoro carbon
- plain gut

- steel
- bronze
- brass

Wound strings:

- Plain copper wire
- silver-plated copper wire
- aluminum wire

- brass
- bronze
- nickel & steel wires



# FREQUENCY RANGES OF BOW AND PLUCKED STRINGED INSTRUMENTS

