

OPTIMA™

Strings Made in Germany



Catalogue 2020

OPTIMA™
Strings Made in Germany

6

No. 6
CLASSICAL GUITAR
SPECIAL SILVER
CLEAR NYLON HIGH

NOB SHHT

OPTIMA™
Strings Made in Germany

Goldbrokat

PREMIUM
24 Karat Gold
VIOLIN

e^m 0,26 4/4
1061 Ball End

Made in Germany

OPTIMA™
Strings Made in Germany

Vintageflex

LOW TENSION ACOUSTICS .012-.051 1760 L

OPTIMA™
Strings Made in Germany

MAXIFLEX GOLD

ELECTRIC GUITAR
ROUNDWOUND

SET .009-.042
12028 EL

24 KARAT GOLD
Strings Made in Germany

OPTIMA™
Strings Made in Germany

1/2

SILVER CLASSICS
CLEAR NYLON MEDIUM

270 NMT 1/2

OPTIMA™
Strings Made in Germany

Brian May

24 KARAT GOLD ELECTRIC GUITAR BRIAN MAY

SET .009-.042
2029 BM

OPTIMA™
Strings Made in Germany

Protos

Pure Nickel
VIOLIN

SET 4/4
1010 L #1 Loop End

Made in Germany

OPTIMA™
Strings Made in Germany

GOLD STRINGS

ACOUSTIC GUITAR
ROUNDWOUND

SET .013-.057
1747 M

24 KARAT GOLD
Strings Made in Germany

OPTIMA™
Strings Made in Germany

Hot Club Gypsyfire

HOT CLUB GYPSYFIRE .012-.050 1737 M

OPTIMA™
Strings Made in Germany

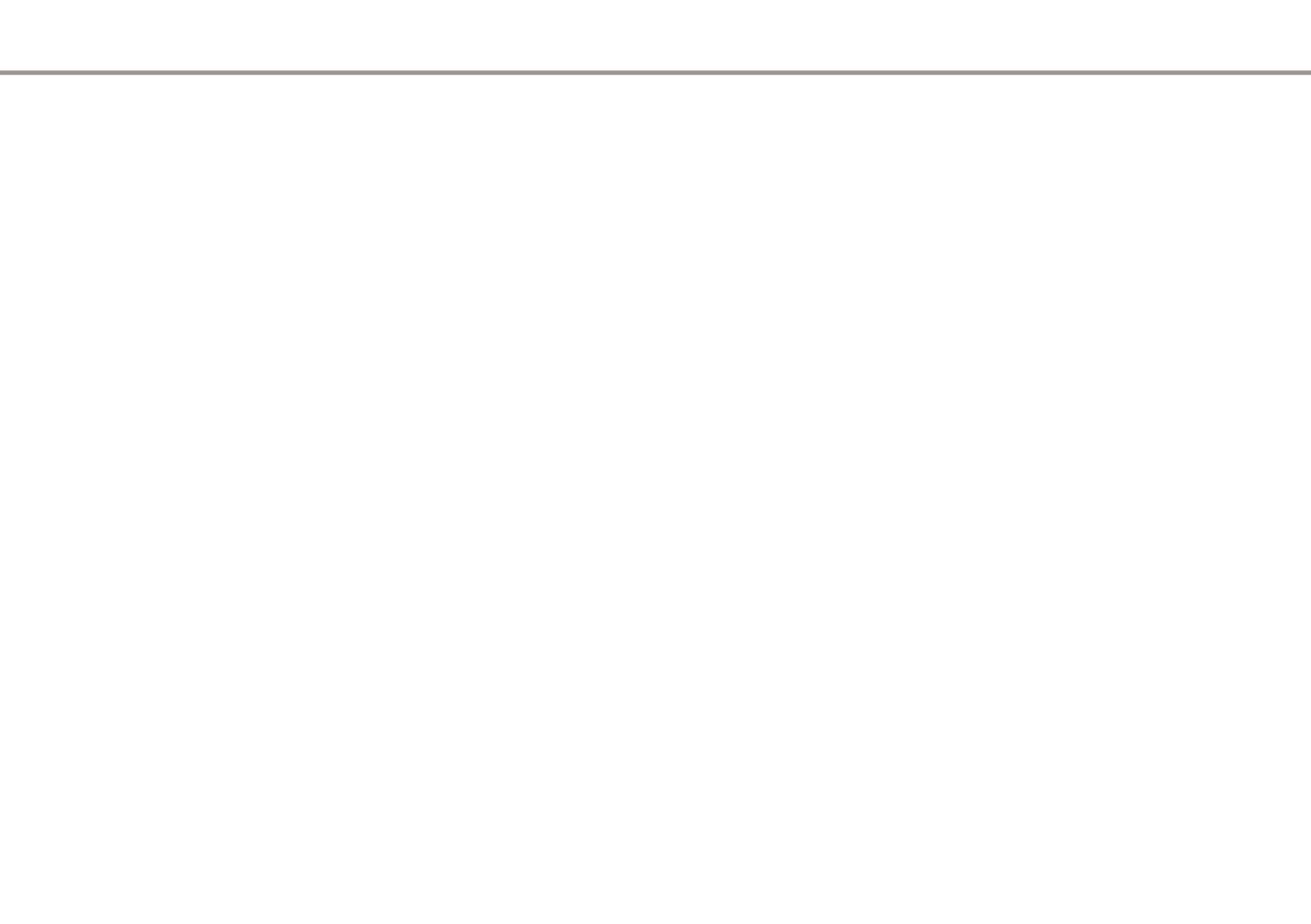
Unique

STUDIO BASS GOLD STRINGS

SET .030 - .130
2409 CB

24 KARAT GOLD ROUNDWOUND

• SHORT SCALE • MEDIUM SCALE • LONG SCALE



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E-GUITAR

OPTIMA 24K GOLD STRINGS

Developed and **handmade in Germany** from the finest materials for the highest tonal demand, these are probably the most precious strings in the world.

This series reflects our **100 years tradition of string making**. The result is a string of unmatched premium quality, coated with real **24 Karat Gold**, which makes them

insensitive to tarnishing or corrosion, and suitable for people allergic to nickel. They carry a wider spectrum of overtones and dynamic range, and their durability, compared to standard strings is up to three times higher.

OPTIMA 24K GOLD STRINGS are characterized by the brilliant **SOUND OF GOLD**, very much loved by **Frank Zappa** and **Brian May**. All strings in this series can be manufactured in Double Ball version with a 20% surcharge.



24K GOLD STRINGS

2028.SL	Set	Super Light
	GPS	.008 .011 .014
	GE	.022 .030 .038
2028.7SL	Set 7-str.	+ .050
2028.8SL	Set 8-str.	+ .050 .060

E-GUITAR

24K GOLD STRINGS

2028.EL	Set	Extra Light
	GPS	.009 .011 .016
	GE	.025 .032 .042
2028.7EL	Set 7-str.	+ .052
2028.8EL	Set 8-str.	+ .052 .062

2028.CL	Set	Custom Light
	GPS	.009 .011 .016
	GE	.026 .035 .046
2028.7CL	Set 7-str.	+ .054
2028.8CL	Set 8-str.	+ .054 .064

2028.RL	Set	Regular Light
	GPS	.010 .013 .017
	GE	.026 .035 .046
2028.7RL	Set 7-str.	+ .056
2028.8RL	Set 8-str.	+ .056 .066

2028.M	Set	Medium
	GPS	.011 .014 .018
	GE	.030 .038 .050
2028.7M	Set 7-str.	+ .058
2028.8M	Set 8-str.	+ .058 .068

E-GUITAR

24K GOLD STRINGS

2028.R	Set	Regular
	GPS	.012 .016
	GE	.024 .032 .043 .054
2028.7R	Set 7-str.	+ .060
2028.8R	Set 8-str.	+ .060 .070

2028.BAR	Set	Baritone
	GPS	.013 .017
	GE	.026 .035 .046 .062

24K GOLD STRINGS - Single Strings

GPS008	.008
GPS009	.009
GPS010	.010
GPS011	.011
GPS012	.012
GPS013	.013
GPS014	.014
GPS016	.016
GPS017	.017
GPS018	.018

E-GUITAR

24K GOLD STRINGS - Single Strings

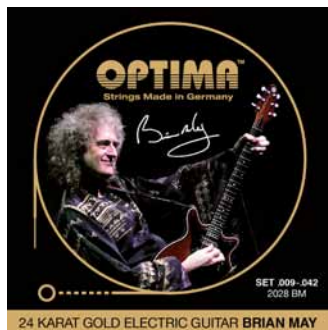
GE022	.022
GE024	.024
GE025	.025
GE026	.026
GE030	.030
GE032	.032
GE035	.035
GE038	.038
GE039	.039
GE042	.042
GE043	.043
GE046	.046
GE050	.050
GE052	.052
GE054	.054
GE056	.056
GE058	.058
GE060	.060
GE062	.062
GE064	.064
GE066	.066
GE068	.068
GE070	.070

E-GUITAR

Special edition **OPTIMA 24K GOLD „BRIAN MAY“ STRINGS**

How would the sound of Brian May hit songs be, if he had used conventional guitar strings? We may never find out, but he chose **OPTIMA'S SOUND OF GOLD** and we really like the results.

We are very proud that our strings have been making a small contribution to **Brian May's** great success.



24K GOLD STRINGS „BRIAN MAY“

GPS009	e'1	.009
GPS011	b 2	.011
GPS016	g 3	.016
GEBM024	d 4	.024w
GEBM032	A 5	.032
GEBM042	E 6	.042

2028.BM Set Brian May

BRIAN MAY Signature Strings

is a set developed specifically with and for Brian.

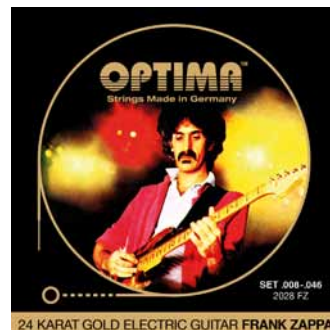
Certainly a highlight in the art of making strings, it has recently been improved with a new core material, which is more tear proof, and with greater tuning stability.

E-GUITAR

Special edition **OPTIMA 24K GOLD „FRANK ZAPPA“ STRINGS**

Frank Zappa played his guitars exclusively with this set. His success is unique and undeniable, and his sound is a music trademark.

We have revived this series, so now everyone can enjoy **Zappa's sound** in their own guitars.



24K GOLD STRINGS „FRANK ZAPPA“

GPS008	e'1	.008
GPS010	b 2	.010
GPS013	g 3	.013
GE024	d 4	.024w
GE032	A 5	.032
GE046	E 6	.046

2028.FZ Set Frank Zappa

Sound of Gold

E-GUITAR

OPTIMA MAXIFLEX 24K GOLD STRINGS These strings have the same quality characteristics and specifications as our **24K GOLD STRINGS**, but they are more flexible altogether.

**“Maximum Sound
with Maximum Flexibility”**

All the strings in this series can be manufactured as Double Ball version with a 20% surcharge.



MAXIFLEX 24K GOLD STRINGS

GPS009	e'1	.009
GPS011	b 2	.011
GPS016	g 3	.016
GEM025	d 4	.025w
GEM032	A 5	.032
GEM042	E 6	.042

12028.EL Set Super Light

GPS010	e'1	.010
GPS013	b 2	.013
GPS017	g 3	.017
GEM026	d 4	.026w
GEM035	A 5	.035
GEM046	E 6	.046

12028.RL Set Regular Light

E-GUITAR

NOT only
for lefties

OPTIMA MAXIFLEX 24K GOLD „PAULO MORETE“ STRINGS

Reliability, sound character, and resilience - are three arguments that Paulo sought and found in the **OPTIMA MAXIFLEX**.

This string set 12028.PM was developed with and for him to make his play unique in the studio or live.



MAXIFLEX 24K GOLD STRINGS „PAULO MORETE“

GPS012	e'1	.012
GPS016	b 2	.016
GEM024	g 3	.024w
GEM032	d 4	.032
GEM042	A 5	.042
GEM052	E 6	.052

12028.PM Set Paulo Morete

„Optima Strings provide me with the reliability and resistance that I require for my equipment , both traits I've always been looking for in my sound.“

Paulo Morete

E-GUITAR

Our **OPTIMA PREMIUM CHROME STRINGS** are perfect for the highest quality instruments.

They captivate the moment with a fast and stable intonation, and exceptional durability.

We use an ideal alloy for the pickup sound on our winding wire, and the result is a crisp sound with outstanding playability.

Even **C.J. Ramone** appreciated the benefits of **OPTIMA PREMIUM CHROME STRINGS**.



E-GUITAR

PREMIUM CHROME STRINGS

4028.SL	Set	Super Light
	PS	.008 .011 .014
	CE	.022 .030 .038

4028.7SL	Set 7-str.	+ .050
4028.8SL	Set 8-str.	+ .050 .060

4028.EL	Set	Extra Light
	PS	.009 .011 .016
	CE	.025 .032 .042

4028.7EL	Set 7-str.	+ .052
4028.8EL	Set 8-str.	+ .052 .062

4028.CL	Set	Custom Light
	PS	.009 .011 .016
	CE	.026 .035 .046

4028.7CL	Set 7-str.	+ .054
4028.8CL	Set 8-str.	+ .054 .064

4028.RL	Set	Regular Light
	PS	.010 .013 .017
	CE	.026 .035 .046

4028.7RL	Set 7-str.	+ .056
4028.8RL	Set 8-str.	+ .056 .066

E-GUITAR

PREMIUM CHROME STRINGS

4028.M	Set	Medium
	PS	.011 .014 .018
	CE	.030 .038 .050

4028.7M	Set 7-str.	+ .058
4028.8M	Set 8-str.	+ .058 .068

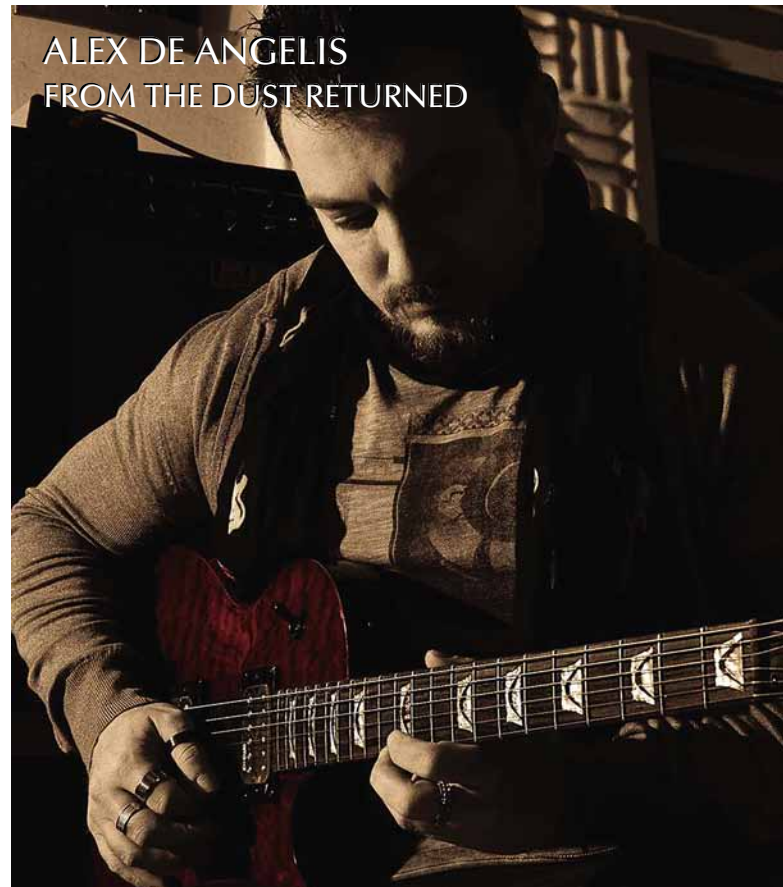
4028.R	Set	Regular
	PS	.012 .016
	CE	.024 .032 .043 .054

4028.7R	Set 7-str.	+ .060
4028.8R	Set 8-str.	+ .060 .070

All strings of this series can also be manufactured as Double Ball version with a 20% surcharge.

4028.BAR	Set	Baritone
	PS	.013 .017
	CE	.026 .035 .046 .062

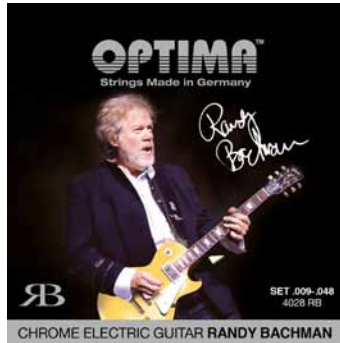
3110	Set	Regular Light
		.010p .013p .009p .012p .017p .026w
		.010p .013p .020w .028w .037w .045w



E-GUITAR

The **OPTIMA RANDY BACHMAN PREMIUM CHROME** Signature Strings is our newest set of strings for electric guitar, specially made for **Randy Bachman**.

As a songwriter, lead guitarist and founding member of rock bands like **The Guess Who** and **Bachman-Turner-Overdrive**, Randy is one of the most famous Rock musicians from Canada.



He was also a member of the bands **Brave Belt**, **Union** and **Ironhorse** and has many solo work releases.

In 2015 Randy released his album "Heavy Blues" which was recorded exclusively with the **OPTIMA RANDY BACHMAN PREMIUM CHROME** Signature Strings-of course.

PREMIUM CHROME STRINGS „RANDY BACHMAN“

PS009	e' 1	.009
PS011	h 2	.011
PS013	g 3	.013
CE028	d 4	.028w
CE038	A 5	.038
CE048	E 6	.048

4028.RB **Satz** **Randy Bachman**

E-GUITAR

PREMIUM STEEL SINGLE STRINGS

PS008	.008
PS009	.009
PS010	.010
PS011	.011
PS012	.012
PS013	.013
PS014	.014
PS015	.015
PS016	.016
PS017	.017
PS018	.018

PREMIUM CHROME WOUND SINGLE STRINGS

CE020	.020
CE022	.022
CE024	.024
CE025	.025
CE026	.026
CE028	.028
CE030	.030
CE032	.032

E-GUITAR

PREMIUM CHROME WOUND SINGLE STRINGS

CE035	.035
CE036	.036
CE037	.037
CE038	.038
CE042	.042
CE043	.043
CE044	.044
CE045	.045
CE046	.046
CE048	.048
CE049	.049
CE050	.050
CE051	.051
CE052	.052
CE054	.054
CE055	.055
CE056	.056
CE058	.058
CE060	.060
CE062	.062
CE064	.064
CE066	.066
CE068	.068
CE070	.070

HAWAIIAN GUITAR

“Aloha” this is how you are greeted in the islands of Hawaii, and our **OPTIMA Hawaiian Guitar Strings** understand this greeting with a superb and authentic sound. These strings are wound with finely ground Reinickel flat wire, and a traditional purple spinning.

HAWAIIAN GUITAR - LOW BASS „A“ TUNING

1901	e' 1	.013
1902	cis' 2	.017
1903	a 3	.020
1904	e 4	.025w
1905	A 5	.032
1906	E 6	.042
1907	Set 6-string	

HAWAIIAN GUITAR E13TH TUNING

1911	e' 1	.014
1912	cis' 2	.017
1913	b 3	.018
1914	gis 4	.022w
1915	e 5	.025
1916	d 6	.030
1919	Set 6-string	
1917	Gis 7	.040
1918	B 8	.060
1920	Set 8-string	

JAZZ GUITAR

Optima Jazz Swing Chrome Strings – Specially designed for Jazz Guitars, these strings are handmade in Germany with the best materials and have a traditional colored silk wrap at the ball end.

Decades of development work in close contact with many renowned Jazz musicians have let our **OPTIMA JAZZ SWINGS** promise the best sound.

Your Jazz Guitar will love these strings.



JAZZ GUITAR

JAZZ SWING ROUNDWOUND

1941.EL	e'1	.011
1942.EL	b 2	.015
1943.EL	g 3	.022w
1944.EL	d 4	.030
1945.EL	A 5	.037
1946.EL	E 6	.049
1947.EL	Set	Extra Light

1941.L	e'1	.012
1942.L	b 2	.016
1943.L	g 3	.024w
1944.L	d 4	.032
1945.L	A 5	.044
1946.L	E 6	.054
1947.L	Set	Light

1941.M	e'1	.013
1942.M	b 2	.017
1943.M	g 3	.026w
1944.M	d 4	.035
1945.M	A 5	.046
1946.M	E 6	.056
1947.M	Set	Medium

JAZZ GUITAR

JAZZ SWING FLATWOUND

1941.FEL	e'1	.010
1942.FEL	b 2	.015
1943.FEL	g 3	.022w
1944.FEL	d 4	.030
1945.FEL	A 5	.037
1946.FEL	E 6	.049
1947.FEL	Set	Extra Light

1941.FL	e'1	.011
1942.FL	b 2	.016
1943.FL	g 3	.024w
1944.FL	d 4	.032
1945.FL	A 5	.044
1946.FL	E 6	.054
1947.FL	Set	Light

1941.FM	e'1	.012
1942.FM	b 2	.017
1943.FM	g 3	.026w
1944.FM	d 4	.035
1945.FM	A 5	.046
1946.FM	E 6	.056
1947.FM	Set	Medium

JAZZ GUITAR

The **OPTIMA JAZZ SWING FLATWOUND STRINGS** are wound with PURE NICKEL flat wire and are finely polished afterwards. The bass strings are wound in the Double Wound process.

One could only imagine a flatwound string like this.

Perfection meets Innovation.



ACOUSTIC GUITAR

OPTIMA 24K GOLD STRINGS

Developed and **handmade in Germany** from the finest materials for the highest tonal demand, these are probably the most precious strings in the world.

This series reflects our **100 years tradition of string making**. The result is a string of unmatched premium quality, coated with real **24 Karat Gold**, which makes them insensitive to tarnishing or corrosion, and suitable for people allergic to nickel.

They carry a wider spectrum of overtones, dynamic range and their durability, compared-to standard strings is up to three times higher.

OPTIMA 24K GOLD STRINGS are characterized by a brilliant **SOUND OF GOLD**, loved by **Frank Zappa** and **Brian May**.



ACOUSTIC GUITAR

24K GOLD STRINGS

GPS010	e'1	.010
GPS013	b 2	.013
GA023	g 3	.023w
GA030	d 4	.030
GA039	A 5	.039
GA047	E 6	.047
1747.EL	Set	Extra Light
GPS011	e'1	.011
GPS014	b 2	.014
GA023	g 3	.023w
GA032	d 4	.032
GA040	A 5	.040
GA050	E 6	.050
1747.CL	Set	Custom Light

...24 Karat Gold Plated

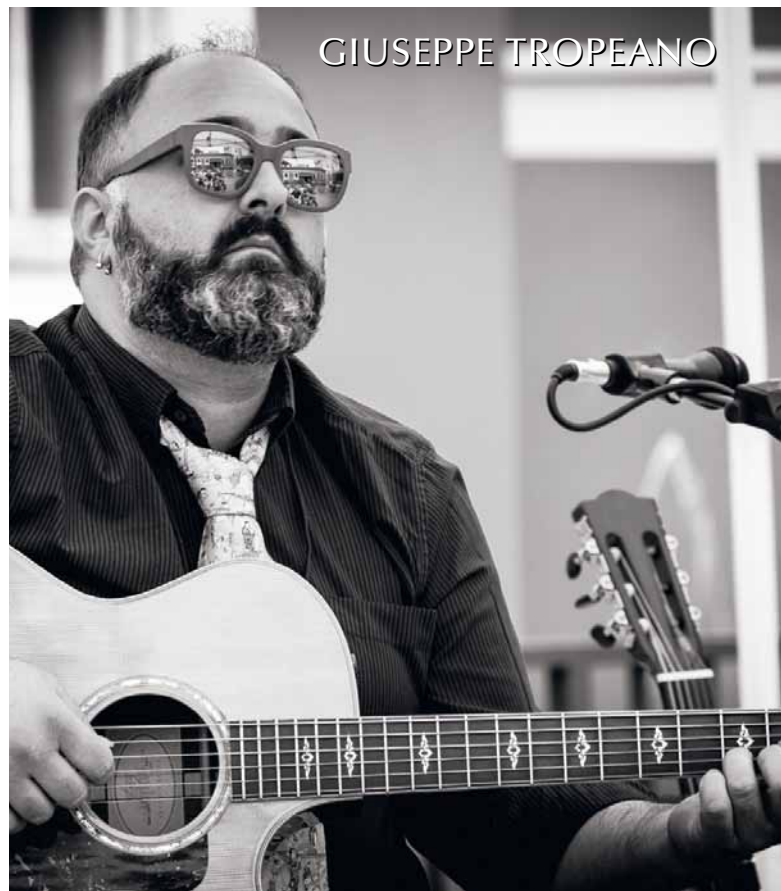
ACOUSTIC GUITAR

24K GOLD STRINGS

GPS012	e' 1	.012
GPS016	b 2	.016
GA024	g 3	.024w
GA032	d 4	.032
GA042	A 5	.042
GA052	E 6	.052
1747.L	Set	Light
GPS013	e' 1	.013
GPS017	b 2	.017
GA026	g 3	.026w
GA036	d 4	.036
GA045	A 5	.045
GA057	E 6	.057
1747.M	Set	Medium

E1 and B2 are made of high-quality steel wire and are coated with real 24K Gold, the G3 to E6 are made with Gold-plated wire spool. Made and refined in Germany!

1747.12EL	Set	Extra Light
		.010p .013p .009p .012p .017p .026w
		.010p .013p .020w .028w .037w .045w



ACOUSTIC GUITAR

CRISTIANO GALLIAN



24K GOLD PREMIUM STEEL SINGLE STRINGS

GPS008	.008
GPS009	.009
GPS010	.010
GPS011	.011
GPS012	.012
GPS013	.013
GPS014	.014
GPS016	.016
GPS017	.017
GPS018	.018

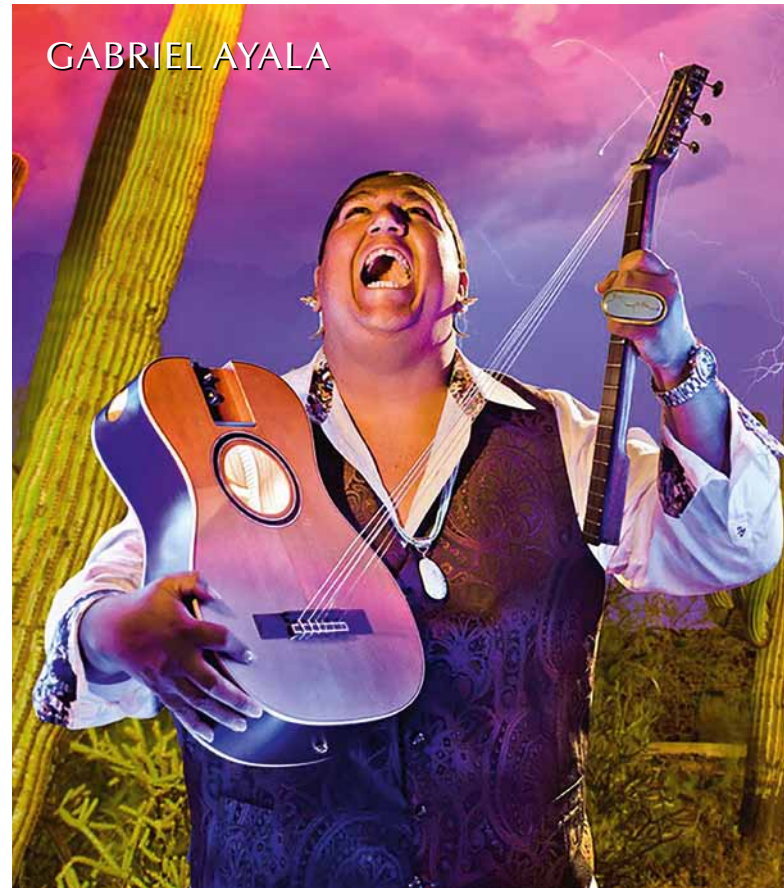


ACOUSTIC GUITAR

24K GOLD WOUND SINGLE STRINGS

GA020	.020
GA023	.023
GA024	.024
GA026	.026
GA030	.030
GA031	.031
GA032	.032
GA036	.036
GA039	.039
GA040	.040
GA042	.042
GA045	.045
GA047	.047
GA050	.050
GA052	.052
GA057	.057

*... the sound
of Gold*



ACOUSTIC GUITAR

New

The **OPTIMA Vintageflex LOW TENSION ACOUSTICS** are our latest development!

These strings are 100% handmade in Germany.

They have an extra low and a very equal moderate tension and consist of a high quality round core, wound with the best phosphorus bronze.

ATTENTION! Round Core Strings!
Please shorten these strings only after installed and tuned to pitch!



ACOUSTIC GUITAR

VINTAGEFLEX STRINGS

Tension lbs

PS010	e'1	.010	16
PS013	b 2	.013	15
VA017	g 3	.017w	16
VA023	d 4	.023	15
VA032	A 5	.032	16
VA043	E 6	.043	16
1760.EL	Set	Extra Light	94

VINTAGEFLEX STRINGS

Tension lbs

PS011	e'1	.011	19
PS015	b 2	.015	19
VA019	g 3	.019w	19
VA026	d 4	.026	19
VA036	A 5	.036	20
VA047	E 6	.047	19
1760.CL	Set	Custom Light	115



ACOUSTIC GUITAR

VINTAGEFLEX STRINGS

Tension lbs

PS012	e' 1	.012	22
PS016	b 2	.016	22
VA020	g 3	.020w	21
VA028	d 4	.028	22
VA038	A 5	.038	22
VA051	E 6	.051	22
1760.L	Set	Light	131

VINTAGEFLEX STRINGS

Tension lbs

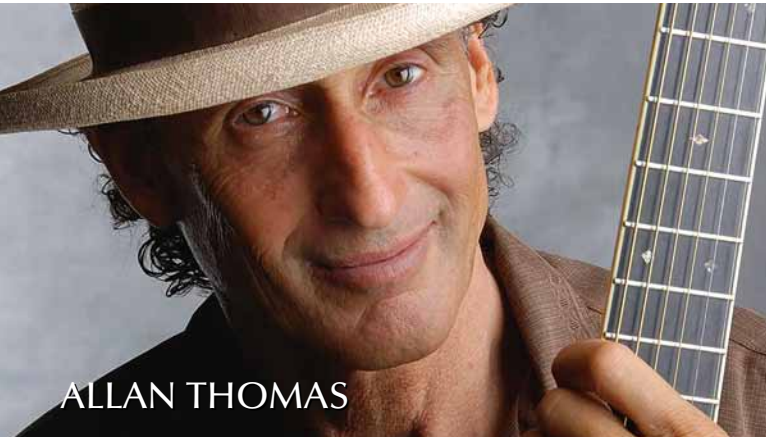
PS013	e' 1	.013	26
PS017	b 2	.017	25
VA022	g 3	.022w	26
VA031	d 4	.031	26
VA042	A 5	.042	26
VA055	E 6	.055	26
1760.M	Set	Medium	155



ACOUSTIC GUITAR

Our **OPTIMA BRONZE STRINGS** captivate with a fast and stable intonation, exceptional durability, and are perfect for the highest quality instruments. For the winding wire we use a special bronze alloy that is ideal for optimum sound production.

And of course, these strings and all of our strings, are **100% handmade in Germany.**



ALLAN THOMAS

ACOUSTIC GUITAR

BRONZE STRINGS

1727.EL	Set	Extra Light
	BPS	.010 .013
	BA	.023 .030 .039 .047

1727.CL	Set	Custom Light
	BPS	.011 .014
	BA	.023 .032 .040 .050

1727.L	Set	Light
	BPS	.012 .016
	BA	.024 .032 .042 .052

1727.M	Set	Medium
	BPS	.013 .017
	BA	.026 .036 .045 .057

3410	Set	12-Strings
		.010p .013p .009p .012p .017p .026w
		.010p .013p .020w .028w .037w .045w

ACOUSTIC GUITAR

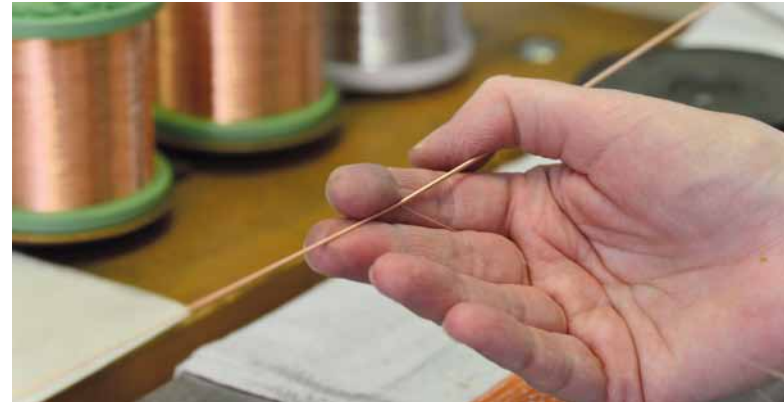
PREMIUM BRONZE WOUND SINGLE STRINGS

BA020	.020
BA023	.023
BA024	.024
BA026	.026
BA028	.028
BA030	.030
BA031	.031
BA032	.032
BA036	.036
BA037	.037
BA039	.039
BA040	.040
BA042	.042
BA045	.045
BA047	.047
BA050	.050
BA052	.052
BA057	.057

ACOUSTIC GUITAR

PREMIUM STEEL BRASSED SINGLE STRINGS

BPS008	.008
BPS009	.009
BPS010	.010
BPS011	.011
BPS012	.012
BPS013	.013
BPS014	.014
BPS015	.015
BPS016	.016
BPS017	.017
BPS018	.018



ACOUSTIC GUITAR

OPTIMA SILVER ACOUSTICS with hexagonal core, wound with silver plated wire and without silk, are our steel strings for Acoustic Guitar.

A real alternative for bronze strings, the sound will nicely convince your ears.

Available in 3 gauges.



SILVER ACOUSTICS

2000.SL	Set	Super Light
	PS	.010 .013
	SA	.020 .024 .032 .043

2000.L	Set	Light
	PS	.011 .014
	SA	.022 .026 .035 .046

2000.M	Set	Medium
	PS	.012 .016
	SA	.023 .028 .039 .048

ACOUSTIC GUITAR

PREMIUM STEEL SINGLE STRINGS

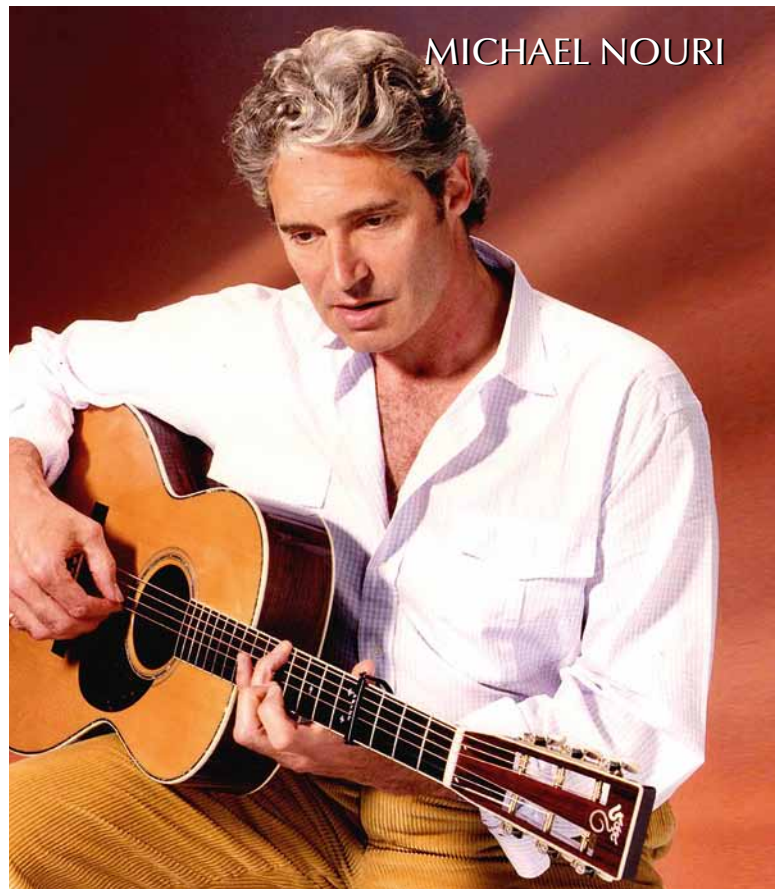
PS008	.008
PS009	.009
PS010	.010
PS011	.011
PS012	.012
PS013	.013
PS014	.014
PS015	.015
PS016	.016
PS017	.017
PS018	.018



ACOUSTIC GUITAR

SILVER WOUND SINGLE STRINGS

SA020	.020
SA022	.022
SA023	.023
SA024	.024
SA026	.026
SA028	.028
SA032	.032
SA035	.035
SA039	.039
SA043	.043
SA046	.046
SA048	.048



ACOUSTIC GUITAR

OPTIMA ARTIST ACOUSTICS – our steel strings for Acoustic Guitar with a round core, silk inlay and a colored silk wrap, wound with silver plated wire.

A round core set with a warm sound, available in 3 gauges.



ACOUSTIC GUITAR

ARTIST ACOUSTICS

2011.SL	e' 1	.010
2012.SL	b 2	.013
2013.SL	g 3	.020w
2014.SL	d 4	.025
2015.SL	A 5	.034
2016.SL	E 6	.044
2010.SL	Set	Super Light

2011.L	e' 1	.011
2012.L	b 2	.014
2013.L	g 3	.022w
2014.L	d 4	.026
2015.L	A 5	.038
2016.L	E 6	.047
2010.L	Set	Light

2011.M	e' 1	.012
2012.M	b 2	.016
2013.M	g 3	.024w
2014.M	d 4	.028
2015.M	A 5	.039
2016.M	E 6	.050
2010.M	Set	Medium

ACOUSTIC GUITAR

OPTIMA BERGFEE, is probably the most famous Alpine brand of strings and it's been played at countless "Stub'n'musik" for decades.

These strings have been especially designed for song accompaniment, but they're also used for solo playing in other regions of the continent.



A set of strings with a clear and straightforward sound, with excellent playability, are only two of the many positive characteristics of OPTIMA BERGFEE Strings.

An all around talent among string sets.

BERGFEE GUITAR STRINGS

1761	e'1	.012
1762	b 2	.015
1763	g 3	.020w
1764	d 4	.027
1765	A 5	.036
1766	E 6	.047
1767	Set	Extra Light



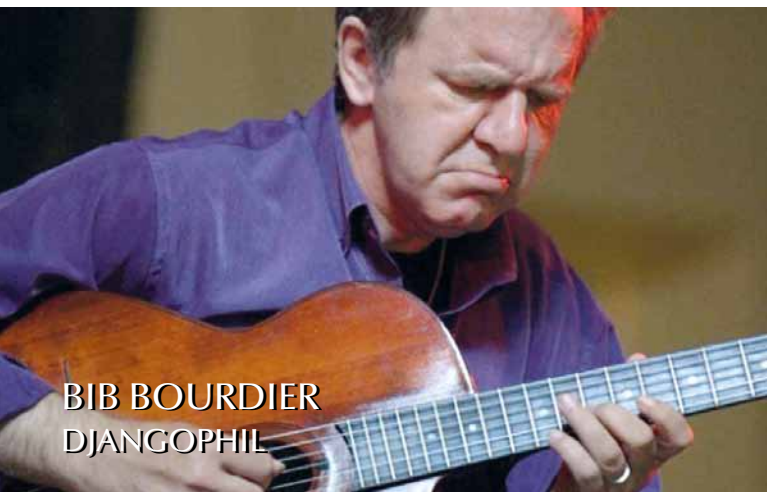
MANOUCHE GUITAR

OPTIMA HOT CLUB GYPSYFIRE

– a name with a statement –

Strings that have been developed from the beginning on specifically for Manouche guitars and the HOT CLUB sound.

You can feel, even when mounting the strings, the spirit of gypsy jazz, and at the first tones, you are enchanted by the clarity, brilliance but also the warmth of these strings. Made with ball end.



MANOUCHE GUITAR

HOT CLUB GYPSYFIRE ball end

1731.EL	e'1	.010
1732.EL	b 2	.014
1733.EL	g 3	.022w
1734.EL	d 4	.028
1735.EL	A 5	.036
1736.EL	E 6	.045
1737.EL	Set	Extra Light

1731.L	e'1	.011
1732.L	b 2	.015
1733.L	g 3	.023w
1734.L	d 4	.029
1735.L	A 5	.037
1736.L	E 6	.046
1737.L	Set	Light

1731.M	e'1	.012
1732.M	b 2	.016
1733.M	g 3	.025w
1734.M	d 4	.033
1735.M	A 5	.042
1736.M	E 6	.050
1737.M	Set	Medium

MANOUCHE GUITAR

HOT CLUB GYPSYFIRE loop end

1751.EL	e'1	.010
1752.EL	b 2	.014
1753.EL	g 3	.022w
1754.EL	d 4	.028
1755.EL	A 5	.036
1756.EL	E 6	.045
1757.EL	Set	Extra Light

1751.L	e'1	.011
1752.L	b 2	.015
1753.L	g 3	.023w
1754.L	d 4	.029
1755.L	A 5	.037
1756.L	E 6	.046
1757.L	Set	Light

1751.M	e'1	.012
1752.M	b 2	.016
1753.M	g 3	.025w
1754.M	d 4	.033
1755.M	A 5	.042
1756.M	E 6	.050
1757.M	Set	Medium

MANOUCCHE GUITAR

OPTIMA HOT CLUB GYPSYFIRE Made with loop end.

„I have tried all the gypsy jazz strings out there and Optima is just the best, both for quality of sound and durability“

Dario Napoli



NICOLÒ MUNERATTI



E-BASS

Our **OPTIMA UNIQUE CHROME Studio Bass Strings**

The optimum for your bass sound, whether live or in the studio as standard Chrome version.



UNIQUE Studio Bass CHROME STRINGS

CBU030.L	High C	.030	
CBU045.L	G 1	.045	
CBU065.L	D 2	.065	
CBU085.L	A 3	.085	
CBU105.L	E 4	.105	
CBU130.L	B 5	.130	
4409.L	Set 4-string	.045-.105	
4409.B	Set 5-string	.045-.130	
4409.CB	Set 6-string	.030-.130	
All bass strings are	Long Scale		.L
Also available as	Short Scale		.S
	Medium Scale		.M
	Super Long Scale		.SL

E-BASS

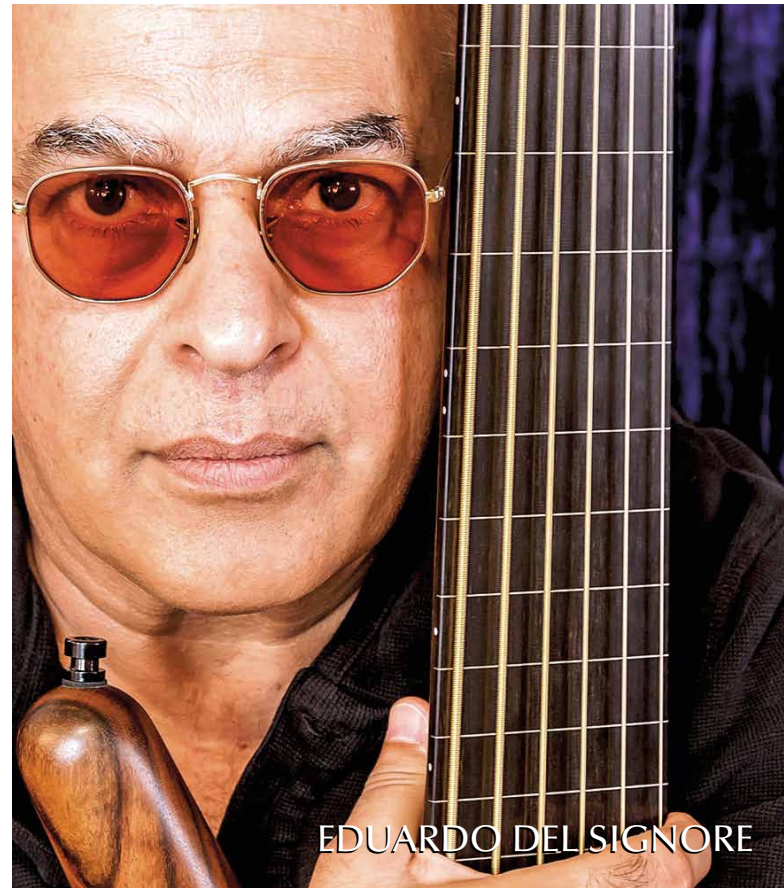
OPTIMA UNIQUE Studio Bass 24K GOLD Strings

The crystal clear sound, the soft feeling to the touch, the warm and wide spectrum of overtones and the prolonged sustain even in the highest pitches of the bass, make these strings really unique. The ultimate for your bass sound, whether live or in the studio.



UNIQUE Studio Bass 24K GOLD STRINGS

GBU030.L	High C	.030	
GBU045.L	G 1	.045	
GBU065.L	D 2	.065	
GBU085.L	A 3	.085	
GBU105.L	E 4	.105	
GBU130.L	B 5	.130	
2409.L	Set 4-string	.045 - .105	
2409.B	Set 5-string	.045 - .130	
2409.CB	Set 6-string	.030 - .130	
All bass strings are	Long Scale		.L
Also available as	Short Scale		.S
	Medium Scale		.M
	Super Long Scale		.SL



E-BASS

OPTIMA 24K GOLD STRINGS

Developed and **handmade in Germany** from the finest materials for the highest tonal demand, these are probably the most precious strings in the world.

This series reflects our **100 years tradition of string making**. The result is a string of unmatched premium quality, coated with real **24 Karat Gold**, which makes them insensitive to tarnishing or corrosion, and suitable for people allergic to nickel.

They carry a wider spectrum of overtones, dynamic range and their durability, compared-to standard strings is up to three times higher.

OPTIMA 24K GOLD STRINGS are characterized by the brilliant **SOUND OF GOLD**, very much loved by **John Entwistle**.

All the strings in this series can be manufactured in Double Ball version with a 20% surcharge.



E-BASS

24K GOLD STRINGS

GB035.L	G 1	.035
GB045.L	D 2	.045
GB070.L	A 3	.070
GB090.L	E 4	.090
1999.L	Set	Extra Light

GB040.L	G 1	.040
GB055.L	D 2	.055
GB075.L	A 3	.075
GB095.L	E 4	.095
2199.L	Set	Light

GB045.L	G 1	.045
GB060.L	D 2	.060
GB080.L	A 3	.080
GB100.L	E 4	.100
2299.L	Set	Regular Light

GB045.L	G 1	.045
GB065.L	D 2	.065
GB080.L	A 3	.080
GB105.L	E 4	.105
2319.L	Set	Medium Light

E-BASS

24K GOLD STRINGS

GB050.L	G 1	.050
GB065.L	D 2	.065
GB085.L	A 3	.085
GB105.L	E 4	.105
2399.L	Set	Medium

24K GOLD STRINGS 5- und 6-String

GB030.L	C	.030
GB045.L	G 2	.045
GB060.L	D 3	.060
GB080.L	A 4	.080
GB100.L	E 5	.100
GB125.L	B 6	.125
2299.C	Set 5-String	.030 - .100
2299.B	Set 5-String	.045 - .125
2299.CB	Set 6-String	.030 - .125

All bass strings are	Long Scale	.L
Also available as	Short Scale	.S
	Medium Scale	.M
	Super Long Scale	.SL

E-BASS

The **OPTIMA MAXIFLEX 24K GOLD STRINGS** have the same quality characteristics and specifications as our **24K GOLD BASS STRINGS**, but they are more flexible altogether.

**“Maximum Sound
with Maximum Flexibility”**

All the strings in this series can be manufactured in Double Ball version with a 20% surcharge.



MAXIFLEX 24K GOLD STRINGS

GBM040.L	G 1	.040
GBM055.L	D 2	.055
GBM075.L	A 3	.075
GBM095.L	E 4	.095
12199.L	Set	Light

GBM045.L	G 1	.045
GBM060.L	D 2	.060
GBM080.L	A 3	.080
GBM100.L	E 4	.100
12299.L	Set	Regular Light

E-BASS

Our **OPTIMA CHROME STRINGS** are perfect for the highest quality instruments.

They captivate the moment with a fast and stable intonation, and exceptional durability.

We use an ideal alloy for the pickup sound on our winding wire, and the result is a crisp sound with outstanding playability.

All the strings in this series could be manufactured in Double Ball version with a 20% surcharge.



E-BASS

CHROME STRINGS

CB035.L	G 1	.035
---------	-----	------

CB045.L	D 2	.045
---------	-----	------

CB070.L	A 3	.070
---------	-----	------

CB090.L	E 4	.090
---------	-----	------

3999.L	Set	Extra Light
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CB040.L	G 1	.040
---------	-----	------

CB055.L	D 2	.055
---------	-----	------

CB075.L	A 3	.075
---------	-----	------

CB095.L	E 4	.095
---------	-----	------

4199.L	Set	Light
---------------	------------	--------------

CB045.L	G 1	.045
---------	-----	------

CB060.L	D 2	.060
---------	-----	------

CB080.L	A 3	.080
---------	-----	------

CB100.L	E 4	.100
---------	-----	------

4299.L	Set	Regular Light
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CB045.L	G 1	.045
---------	-----	------

CB065.L	D 2	.065
---------	-----	------

CB080.L	A 3	.080
---------	-----	------

CB105.L	E 4	.105
---------	-----	------

4319.L	Set	Medium Light
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E-BASS

CHROME STRINGS

CB050.L	G 1	.050
CB065.L	D 2	.065
CB085.L	A 3	.085
CB105.L	E 4	.105

4399.L Set Medium

CHROME STRINGS 5- and 6-String

CB030.L	C	.030
CB045.L	G 1	.045
CB060.L	D 2	.060
CB080.L	A 3	.080
CB100.L	E 4	.100
CB125.L	B 5	.125

4299.C Set 5-String .030 - .100

4299.B Set 5-String .045 - .125

4299.CB Set 6-String .030 - .125

All bass strings are Long Scale .L

Also available as Short Scale .S

Medium Scale .M

Super Long Scale .SL



EDUARDO KUSDRA

E-BASS

OPTIMA RB FLATWOUND Bass Strings

For the bass player who yearn for that old school thump of the 50's and 60's, we have gone back in time, to reproduce a flat wound bass string which genuinely revives the feel and sound of an era, the way you remember it. We endeavored to make the **OPTIMA RB FLATWOUNDS** authentic in every way.

Constructed over a round core for increased flexibility and lower tension, the **OPTIMA RB FLATWOUNDS** are wound with PURE NICKEL flat wire, which is then polished to a high shine, resulting in a string that is supple and comfortable to play.

The **OPTIMA RB FLATWOUNDS** echo the classic tones of yesteryear.

*... made in
Germany*



E-BASS

RB FLATWOUND

4441.L	G 1	.045
4442.L	D 2	.057
4443.L	A 3	.077
4444.L	E 4	.100
4440.L	Set 4-string	.045-.100



E-BASS

OPTIMA FLATWOUND STRINGS, are wound with a PURE NICKEL flat wire and are finely polished afterward.

These bass strings are all wound by the **Double Wound** process.

Perfection meets Innovation!



FLATWOUND STRINGS

CBF030.L	C	.030
CBF045.L	G 1	.045
CBF060.L	D 2	.060
CBF080.L	A 3	.080
CBF100.L	E 4	.100
CBF125.L	B 5	.125
4099.L	Set	.045-.100
4099.B	Set	.045-.125
4099.CB	Set	.030-.125

All bass strings are	Long Scale	.L
Also available as	Short Scale	.S
	Medium Scale	.M
	Super Long Scale	.SL

WILHELMUS.!
[BASSIST AT LARGE]



CLASSICAL GUITAR

OPTIMA No.6 – Every concert guitarist should remember the name of these strings, because they bring forth an entirely new dimension. We have left behind old patterns and materials and have merely reinvented the classical guitar string.



The bass strings are made with a wholly new core material, wound with a **24 Karat Gold** plated wire, resulting in a string with an extraordinary fast response, a powerful sustainable tone very rich in overtones, where the sound spectrum remains perfectly balanced.

The set is completed with our Clear Nylon treble strings, or our highly praised Natural Carbon treble strings.



CLASSICAL GUITAR

No.6 24K GOLD STRINGS Nylon Medium

NO6.NMT1	e' 1	Clear Nylon
NO6.NMT2	b 2	Clear Nylon
NO6.NMT3	g 3	Clear Nylon
NO6.GMT3	g 3	24K Gold
NO6.GMT4	d 4	24K Gold
NO6.GMT5	A 5	24K Gold
NO6.GMT6	E 6	24K Gold
NO6.GNMT	Set ---	24K Gold
NO6.GNMTW	Set ---	24K Gold g3 wound
NO6.NMT	Treble set	Clear Nylon (e' 1, b 2, g 3)
NO6.GMT	Bass set	24K Gold (d 4, A 5, E 6)

No.6 24K GOLD STRINGS Carbon Medium

NO6.CMT1	e' 1	Natural Carbon
NO6.CMT2	b 2	Natural Carbon
NO6.CMT3	g 3	Natural Carbon
NO6.GMT3	g 3	24K Gold
NO6.GMT4	d 4	24K Gold
NO6.GMT5	A 5	24K Gold
NO6.GMT6	E 6	24K Gold
NO6.GCMT	Set ---	24K Gold
NO6.GCMTW	Set ---	24K Gold g3 wound
NO6.CMT	Treble set	Natural Carbon (e' 1, b 2, g 3)
NO6.GMT	Bass set	24K Gold (d 4, A 5, E 6)

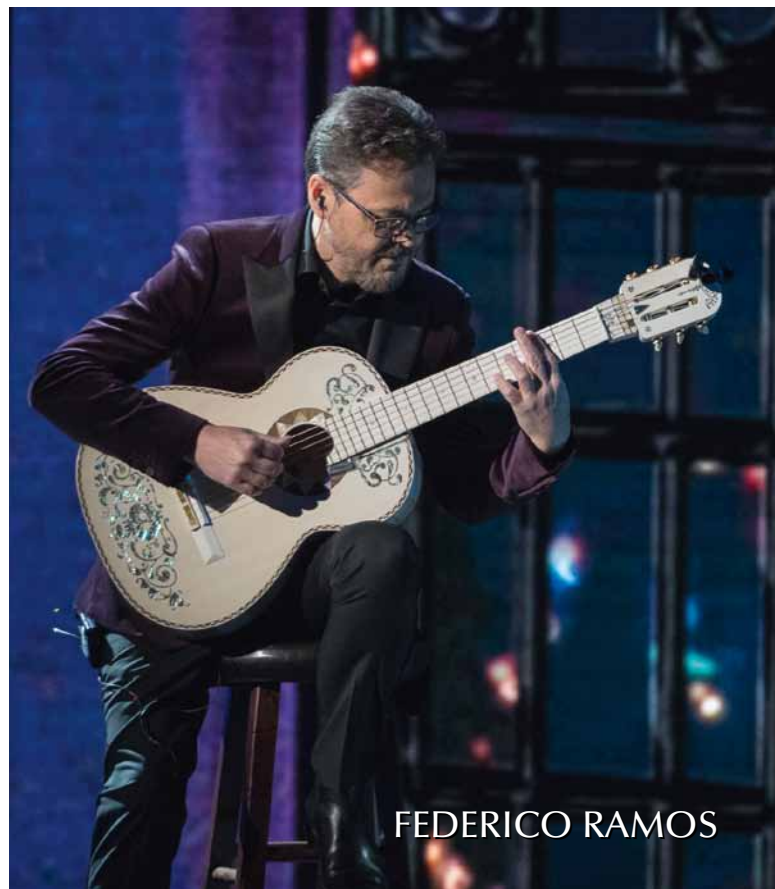
CLASSICAL GUITAR

No.6 24K GOLD STRINGS Nylon High

NO6.NHT1	e' 1	Clear Nylon
NO6.NHT2	b 2	Clear Nylon
NO6.NHT3	g 3	Clear Nylon
NO6.GHT3	g 3	24K Gold
NO6.GHT4	d 4	24K Gold
NO6.GHT5	A 5	24K Gold
NO6.GHT6	E 6	24K Gold
NO6.GNHT	Set ----	24K Gold
NO6.GNHTW	Set ----	24K Gold w/ g3 wound
NO6.NHT	Treble set	Clear Nylon (e' 1, b 2, g 3)
NO6.GHT	Bass set	24K Gold (d 4, A 5, E 6)

No.6 24K GOLD STRINGS Carbon High

NO6.CHT1	e' 1	Natural Carbon
NO6.CHT2	b 2	Natural Carbon
NO6.CHT3	g 3	Natural Carbon
NO6.GHT3	g 3	24K Gold
NO6.GHT4	d 4	24K Gold
NO6.GHT5	A 5	24K Gold
NO6.GHT6	E 6	24K Gold
NO6.GCHT	Set ----	24K Gold
NO6.GCHTW	Set ----	24K Gold w/ g3 wound
NO6.CHT	Treble set	Natural Carbon (e' 1, b 2, g 3)
NO6.GHT	Bass set	24K Gold (d 4, A 5, E 6)



FEDERICO RAMOS

OPTIMA No.6 – Every concert guitarist should remember the name of these strings, because they bring forth an entirely new dimension. We have left behind old patterns and materials and have merely reinvented the classical guitar string.



The bass strings are made with a wholly new core material, wound with a **Special Silver** wrapping, resulting in a string with an extraordinary fast response, a powerful sustainable tone very rich in overtones, where the sound spectrum remains perfectly balanced.

The set is completed with our Clear Nylon treble strings, or our highly praised Natural Carbon treble strings.



No.6 SPECIAL SILVER STRINGS Nylon Low

NO6.NLT1	e' 1	Clear Nylon
NO6.NLT2	b 2	Clear Nylon
NO6.NLT3	g 3	Clear Nylon
NO6.SLT3	g 3	Special Silver
NO6.SLT4	d 4	Special Silver
NO6.SLT5	A 5	Special Silver
NO6.SLT6	E 6	Special Silver
NO6.SNLT	Set — — —	Special Silver
NO6.NLT	Treble set	Clear Nylon (e' 1, b 2, g 3)
NO6.SLT	Bass set	Special Silver (d 4, A 5, E 6)

No.6 SPECIAL SILVER STRINGS Carbon Low

NO6.CLT1	e' 1	Natural Carbon
NO6.CLT2	b 2	Natural Carbon
NO6.CLT3	g 3	Natural Carbon
NO6.SLT3	g 3	Special Silver
NO6.SLT4	d 4	Special Silver
NO6.SLT5	A 5	Special Silver
NO6.SLT6	E 6	Special Silver
NO6.SCLT	Set — — —	Special Silver
NO6.SCLTW	Set — — —	Special Silver g3 wound
NO6.CLT	Treble set	Natural Carbon (e' 1, b 2, g 3)
NO6.SLT	Bass set	Special Silver (d 4, A 5, E 6)

CLASSICAL GUITAR

No.6 SPECIAL SILVER STRINGS Nylon Medium

NO6.NMT1	e' 1	Clear Nylon
NO6.NMT2	b 2	Clear Nylon
NO6.NMT3	g 3	Clear Nylon
NO6.SMT3	g 3	Special Silver
NO6.SMT4	d 4	Special Silver
NO6.SMT5	A 5	Special Silver
NO6.SMT6	E 6	Special Silver
NO6.SNMT	Set - - -	Special Silver
NO6.SNMTW	Set - - -	Special Silver w/ g3 wound
NO6.NMT	Treble set	Clear Nylon (e' 1, b 2, g 3)
NO6.SMT	Bass set	Special Silver (d 4, A 5, E 6)

No.6 SPECIAL SILVER STRINGS Carbon Medium

NO6.CMT1	e' 1	Natural Carbon
NO6.CMT2	b 2	Natural Carbon
NO6.CMT3	g 3	Natural Carbon
NO6.SMT3	g 3	Special Silver
NO6.SMT4	d 4	Special Silver
NO6.SMT5	A 5	Special Silver
NO6.SMT6	E 6	Special Silver
NO6.SCMT	Set - - -	Special Silver
NO6.SCMTW	Set - - -	Special Silver w/ g3 wound
NO6.CMT	Treble set	Natural Carbon (e' 1, b 2, g 3)
NO6.SMT	Bass set	Special Silver (d 4, A 5, E 6)

CLASSICAL GUITAR

NO.6 SPECIAL SILVER STRINGS Nylon High

NO6.NHT1	e' 1	Clear Nylon
NO6.NHT2	b 2	Clear Nylon
NO6.NHT3	g 3	Clear Nylon
NO6.SHT3	g 3	Special Silver
NO6.SHT4	d 4	Special Silver
NO6.SHT5	A 5	Special Silver
NO6.SHT6	E 6	Special Silver
NO6.SNHT	Set - - -	Special Silver
NO6.SNHTW	Set - - -	Special Silver w/ g3 wound
NO6.NHT	Treble set	Clear Nylon (e' 1, b 2, g 3)
NO6.SHT	Bass set	Special Silver (d 4, A 5, E 6)

NO.6 SPECIAL SILVER STRINGS Carbon High

NO6.CHT1	e' 1	Natural Carbon
NO6.CHT2	b 2	Natural Carbon
NO6.CHT3	g 3	Natural Carbon
NO6.SHT3	g 3	Special Silver
NO6.SHT4	d 4	Special Silver
NO6.SHT5	A 5	Special Silver
NO6.SHT6	E 6	Special Silver
NO6.SCHT	Set - - -	Special Silver
NO6.SCHTW	Set - - -	Special Silver w/ g3 wound
NO6.CHT	Treble set	Natural Carbon (e' 1, b 2, g 3)
NO6.SHT	Bass set	Special Silver (d 4, A 5, E 6)

CLASSICAL GUITAR

OPTIMA SILVER CLASSICS

Our new concept for the development of the No.6 series has been the basis for the further development of this popular string series. A special **Silver coating** gives to these strings high durability.

An excellent set of strings which is suitable for any guitarist.



„The OPTIMA Classics strings immediately convinced us. We love the clarity and sonic formability of the treble and the brilliance and warmth of the bass. It is a pleasure to see how the strings harmonize perfectly with us and our instruments in concerts.“

Johann Jacob Nissen



DUO REICHELDT & NISSEN

CLASSICAL GUITAR

New

SILVER CLASSICS Nylon Medium

271.NMT	e' 1	Clear Nylon
272.NMT	b 2	Clear Nylon
273.NMT	g 3	Clear Nylon
274.MT	d 4	Silver wound
275.MT	A 5	Silver wound
276.MT	E 6	Silver wound
270.NMT	Set	— — —

SILVER CLASSICS Carbon Medium

NO6.CMT1	e' 1	Natural Carbon
NO6.CMT2	b 2	Natural Carbon
NO6.CMT3	g 3	Natural Carbon
274.MT	d 4	Silver wound
275.MT	A 5	Silver wound
276.MT	E 6	Silver wound
270.CMT	Set	— — —

... You deserve

CLASSICAL GUITAR

SILVER CLASSICS Nylon High

271.NHT	e' 1	Clear Nylon
272.NHT	b 2	Clear Nylon
273.NHT	g 3	Clear Nylon
274.HT	d 4	Silver wound
275.HT	A 5	Silver wound
276.HT	E 6	Silver wound

270.NHT Set — — —

SILVER CLASSICS Carbon High

NO6.CHT1	e' 1	Natural Carbon
NO6.CHT2	b 2	Natural Carbon
NO6.CHT3	g 3	Natural Carbon
274.HT	d 4	Silver wound
275.HT	A 5	Silver wound
276.HT	E 6	Silver wound

270.CHT Set — — —

the optimum



CLASSICAL GUITAR

The **OPTIMA BRONZE CLASSICS**

Our new concept for the development of the No.6 series has been the basis for the further development of this popular string series. The Bronze winding gives these strings their particular sound beauty.

An excellent set of strings which is suitable for any guitarist.



BRONZE CLASSICS Medium – Nickel free!

271.NMT	e' 1	Clear Nylon
272.NMT	b 2	Clear Nylon
273.NMT	g 3	Clear Nylon
284.MT	d 4	Bronze wound
285.MT	A 5	Bronze wound
286.MT	E 6	Bronze wound
280.NMT	Set - - - -	

CLASSICAL GUITAR

New

The **OPTIMA GUT CLASSICS** is the newest in our concert guitar series.

The lamb gut strings are all painted and have a much higher robustness and durability than conventional gut strings.

Especially developed for older instruments and for guitarist looking for a very natural warm sound.



BRONZE GUT CLASSICS Medium – Nickel free!

291.MT	e' 1	Real Gut lacquered
292.MT	b 2	Real Gut lacquered
293.MT	g 3	Real Gut lacquered
284.MT	d 4	Bronze wound
285.MT	A 5	Bronze wound
286.MT	E 6	Bronze wound
280.GMT	Set - - - -	

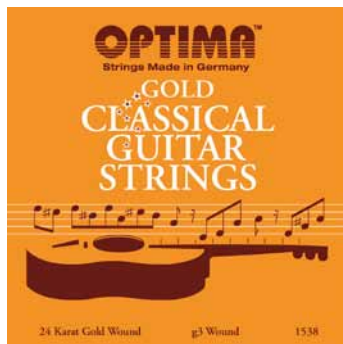
CLASSICAL GUITAR

OPTIMA GOLD STRINGS

Our traditional Gold Strings for the classical guitar, coated with **24 Karat Gold** developed in Germany for the highest tonal demands.

A special harder wire is used for the classical guitar, which gives these strings very bright sound.

This series reflects our **100 years tradition of craftsmanship** in the making of premium high quality strings.



GOLD STRINGS Nylon

1531	e' 1	Nylon
1532	b 2	Nylon
1533	g 3	Nylon Gold wound
1534	g 3	Nylon blank
1535	d 4	Nylon Gold wound
1536	A 5	Nylon Gold wound
1537	E 6	Nylon Gold wound
1538	Set	w/ g3 wound
1538.B	Set	w/ g3 Nylon plain

CONTRA GUITAR

OPTIMA SILVER CLASSIC STRINGS CONTRA GUITAR

We have supplemented our Silver Classics (270.NMT) set for the **15-string Schrammel Guitar** or **Contra Guitar** with our proven Kontrasaiten.

The result is a set with a perfectly tuned sound and higher durability, especially developed for this instrument.



SILVER CLASSICS CONTRA GUITAR

271.NMT	e' 1	Clear Nylon
272.NMT	b 2	Clear Nylon
273.NMT	g 3	Clear Nylon
274.MT	d 4	Silver wound
275.MT	A 5	Silver wound
276.MT	E 6	Silver wound
1411.07	Es 7	Silver wound
1411.08	D 8	Silver wound
1411.09	Cis 9	Silver wound
1411.10	C 10	Silver wound
1411.11	B 11	Silver wound
1411.12	Bb 12	Silver wound
1411.13	A 13	Silver wound
1411.14	Gis 14	Silver wound
1411.15	G 15	Silver wound
1412	Set 15-string (E1-G15)	

CHILDREN GUITAR

Our **OPTIMA SILVER CLASSICS** are also available for small scale and children guitars. The strings are specially manufactured for each guitar size. They are accurately calculated and have the same sound quality as the regular 4/4 string sets.



All sets are delivered with a **wound g3 string**. The 3/4 set is also available with a plain nylon g3 string. The special coating gives these strings high durability.

SILVER CLASSICS Children Guitar 3/4

271.NMT.3.4	e' 1	Clear Nylon
272.NMT.3.4	b 2	Clear Nylon
273.NMT.3.4	g 3	Clear Nylon
273.MT.3.4	g 3	Silver wound
274.MT.3.4	d 4	Silver wound
275.MT.3.4	A 5	Silver wound
276.MT.3.4	E 6	Silver wound
270.NMT.3.4	Set - - - 3/4 (57-62 cm) g3 Nylon plain	
270.NMTW.3.4	Set - - - 3/4 (57-62 cm) g3 wound	

CHILDREN GUITAR

SILVER CLASSICS Children Guitar 1/2

271.NMT.1.2	e' 1	Clear Nylon
272.NMT.1.2	b 2	Clear Nylon
273.MT.1.2	g 3	Silver wound
274.MT.1.2	d 4	Silver wound
275.MT.1.2	A 5	Silver wound
276.MT.1.2	E 6	Silver wound
270.NMT.1.2	Set - - - 1/2 (51-56 cm) g3 wound	

SILVER CLASSICS Children Guitar 1/4

271.NMT.1.4	e' 1	Clear Nylon
272.NMT.1.4	b 2	Clear Nylon
273.MT.1.4	g 3	Silver wound
274.MT.1.4	d 4	Silver wound
275.MT.1.4	A 5	Silver wound
276.MT.1.4	E 6	Silver wound
270.NMT.1.4	Set - - - 1/4 (45-50 cm) g3 wound	

CHILDREN GUITAR

SILVER CLASSICS Children Guitar 1/8

271.NMT.1.8	e' 1	Clear Nylon
272.NMT.1.8	b 2	Clear Nylon
273.MT.1.8	g 3	Silver wound
274.MT.1.8	d 4	Silver wound
275.MT.1.8	A 5	Silver wound
276.MT.1.8	E 6	Silver wound
270.NMT.1.8	Set	--- 1/8 (39- 44 cm) w/ g3 wound



*For
Collecting*

Each string set comes with one of the 10 cool stickers with our mouse OPTIMO for collecting.



MANDOLIN

Probably the most played mandolin string in the world, the “World Famous” **OPTIMA CHROME STRINGS** are very popular, due to their peculiar sound characteristics and exceptional long durability.

Countless orchestras play our **CHROME MANDOLIN STRINGS** and keep expressing their satisfaction with the excellent quality of these strings every day. Many years of development, the right selection of materials and especially the **exclusive craftsmanship** during production, are these strings secrets. Finely polished, they offer a unique feel combined with the best sound.

These strings are available in Ball End versión with a 10% surcharge.



CHROME STRINGS polished

2101	e"	.010	Chrome Steel
2102	a'	.013	Chrome Steel
2103	d'	.023	Chrome Nickel
2104	g	.036	Chrome Nickel
2105	Set		

MANDOLIN

The **OPTIMA CHROME SPECIAL STRINGS** are yet a further development of our **CHROME MANDOLIN STRINGS**. The use of slightly modified alloys and a special polishing developed only for these series, creates a set of strings that emphasizes the mandolin sound even better.

A “**Made in Germany**” top quality product.

These strings are available in Ball End versión with a 10% surcharge.



CHROME SPECIAL STRINGS polished

4101	e"	.010	Chrome Steel
4102	a'	.013	Chrome Steel
4103	d'	.022	Special polished
4104	g	.036	Special polished
4105	Set		

With the **BLACK LABEL** series, we have combined all of our years of experience in Mandolin strings production, into this new high end set of strings.

Audible and visible **“Made in Germany”** quality, superbly handmade using only the very best materials, they are 100% pure nickel.



If you want to play mandolin at the highest levels, you can't beat these strings!

Also available in Ball End version with 10% surcharge.

BLACK LABEL STRINGS polished

5101	e"	.010	Chrome Steel
5102	a'	.013	Chrome Steel
5103	d'	.022	Pure Nickel polished
5104	g	.035	Pure Nickel polished
5105	Set		



MASATAKA HORI

The **24K OPTIMA GOLD STRINGS** are finally available for the mandolin. These strings are unpolished and feature a powerful, brilliant sound and long durability due to the **24K Gold finish**.

Available in Ball End version with a 10% surcharge.



24K GOLD STRINGS

2151	e''	.010	24K Gold
2152	a'	.013	24K Gold
2153	d'	.023	24K Gold
2154	g	.036	24K Gold
2155	Set		

The **OPTIMA SILVER STRINGS** for mandolin convince the ears mainly with the sound of the Silver plated D and G strings, and have a traditional posy at the end of the string.

This set is suitable for beginners as well as advanced students and professionals.

Also available in Ball End version with a 10% surcharge.



SILVER STRINGS

2141	e''	.010	Silver Steel
2142	a'	.013	Silver Steel
2143	d'	.023	Silver plated
2144	g	.033	Silver plated
2145	Set		

MANDOLIN

Our **OPTIMA GOLDIN STRINGS** are characterized by a selection of the finest materials. The D and G strings are wound with Tombak and finely polished. Many years of development and the exclusive craftsmanship during production, are these strings very special secrets.



Available in Ball End version with a 10% surcharge.

GOLDIN STRINGS polished

2121	e''	.010	Silver Steel
2122	a'	.013	Silver Steel
2123	d'	.023	Goldin
2124	g	.036	Goldin
2125	Set		

HISAE TAKEMA



MANDOLIN

OPTIMA SOLOIST FLATWOUND STRINGS, a perfect set braided with a stainless E1 and pure nickel flat wire A2-G4 strings. The ideal set for the professional mandolin player.

Also available in Ball End version with a 10% surcharge.



SOLOIST FLATWOUND STRINGS Light

3051.L	e"	.010	Chrome Steel
3052.L	a'	.013	Pure Nickel flatwound
3053.L	d'	.020	Pure Nickel flatwound
3054.L	g	.030	Pure Nickel flatwound
3050.L	Set		Light

MANDOLIN

SOLOIST FLATWOUND STRINGS Medium

3051.M	e"	.0105	Chrome Steel
3052.M	a'	.015	Pure Nickel flatwound
3053.M	d'	.022	Pure Nickel flatwound
3054.M	g	.031	Pure Nickel flatwound
3050.M	Set		Medium

SOLOIST FLATWOUND STRINGS Heavy

3051.H	e"	.011	Chrome Steel
3052.H	a'	.016	Pure Nickel flatwound
3053.H	d'	.023	Pure Nickel flatwound
3054.H	g	.033	Pure Nickel flatwound
3050.H	Set		Heavy

MANDOLIN

The **OPTIMA EMBERGHER CONSORT STRINGS** are specially designed for historical mandolins such as de Embergher model. They are wound with fine bronze wire and finely polished.



EMBERGHER CONSORT STRINGS

3051.L	e"	.010	Chrome Steel
3052.M	a'	.015	Pure Nickel flatwound
3033	d'	.022	Bronze polished
3034	g	.033	Bronze polished
3030	Set		

MANDOLIN

OPTIMA ARTIST STRINGS

Our Mandolin strings with round core and silk inlay (silk & steel), medium gauge.



ARTIST STRINGS

3011	e"	.095	Chrome Steel
3012	a'	.013	Chrome Steel
3013	d'	.022	Silver plated
3014	g	.033	Silver plated
3010	Set		

MANDOLA

The **OPTIMA CHROME STRINGS**, are the first choice for many musicians. Our decades long experience in the production of the Mandola strings comes clearly into effect. These finely polished strings leave nothing to be desired.



CHROME STRINGS polished

2201	e'	.019	Chrome Nickel
2202	a	.028	Chrome Nickel
2203	d	.039	Chrome Nickel
2204	G	.060	Chrome Nickel
2205	Set		



MANDOLA

The **OPTIMA CHROME SPECIAL STRINGS** are a further development of our CHROME STRINGS.

The use of slightly modified alloys and the special polishing only developed for this set, emphasize the Mandola sound even better. A top quality product **“Made in Germany”**



CHROME STRINGS polished

4201	e'	.019	Special polished
4202	a	.028	Special polished
4203	d	.039	Special polished
4204	G	.060	Special polished
4205	Set		

... made in

MANDOLA

The **OPTIMA GOLDIN STRINGS** are characterized by a meticulous selection of the finest materials. All the strings in this set are wound with Tombak and finely polished.

Many years of development, the right choice of materials and most specially the **craftsmanship** applied during the process of production of these strings are their deepest secrets.



GOLDIN STRINGS polished

2221	e'	.019	Goldin
2222	a	.028	Goldin
2223	d	.039	Goldin
2224	G	.060	Goldin
2225	Set		

MANDRIOLA

OPTIMA SILVER STRINGS are unpolished and wound with a silver plated copper wire. All the strings in this set have the traditional pony at their end.



MANDRIOLA SILVER STRINGS

2501.H	e"	Silver Steel
2501.T	e'	Silver plated
2502.H	a'	Silver Steel
2502.T	a	Silver plated
2503.H	d'	Silver plated
2503.T	d	Silver plated
2504.H	g	Silver plated
2504.T	G	Silver plated
2505	Set 12-string	
	e" e" e', a' a' a, d' d' d, g g G	

Germany

MANDO CELLO

OPTIMA CHROME STRINGS are the reference strings for this instrument. Our long and vast experience in the production of strings for the Mando Cello comes clearly into effect here.

These finely polished strings leave nothing to be desired.



CHROME STRINGS polished

2301	a	.022	Chrome Nickel
2302	d	.034	Chrome Nickel
2303	G	.051	Chrome Nickel
2304	C	.073	Chrome Nickel
2305	Set		

MANDO CELLO

The **OPTIMA CHROME SPECIAL STRINGS** are a further development from the CHROME STRINGS. The use of slightly modified alloys and a polishing method designed only for this series, create a set of strings that emphasizes the sound of the Mando Cello much better.

Another top quality set of strings
“Made in Germany”



CHROME STRINGS polished

4301	a	.022	Special polished
4302	d	.034	Special polished
4303	G	.050	Special polished
4304	C	.073	Special polished
4305	Set		

WALDZITHER

For the **Thuringian Waldzither (Thüringer Waldzither)** we have developed a unique set with a silver plated copper wire with loop end. All strings have the traditional posy.



WALDZITHER SILVER STRINGS

2601	g'	.013	Silver Steel
2602	e'	.017	Silver Steel
2603	c'	.023	Silver plated
2604	g	.032	Silver plated
2605	c	.035	Silver plated

2606 Set 9-string

WALDZITHER

The strings for the **Hamburger or Böhmwaldzither** are identical with those of the **Thüringer Waldzither**, however they have a loop end in both ends of the strings.

Please indicate the exact total length of the strings with every order, including the loop ends.



BÖHMWALDZITHER SILVER STRINGS

2601.2S	g'	1	.013	Silver Steel
2602.2S	e'	2	.017	Silver Steel
2603.2S	c'	3	.023	Silver plated
2604.2S	g	4	.032	Silver plated
2605.2S	c	5	.035	Silver plated

2606.2S Set 9-string

24K GOLD BANJO

New

The **OPTIMA Rives' World Famous 24 K Gold** Banjo Strings were created in recognition of one of the most legendary artist family in the late 19th and early 20th centuries, the Rives Sisters of Searcy, Arkansas.



24K GOLD BANJO

The Gold makes these strings soft to the touch and gives them a very warm and clear spectrum of unique overtones. At the same time they are protected against tarnishing and corrosion. These strings are traditionally **handmade in Germany**.

The **24K GOLD BANJO** strings are available as complete 5 strings sets in light and medium gauges.

5-STRING BANJO 24K GOLD STRINGS „RIVES“ Light

3061	d' 1	.009	24K Gold
3062	b 2	.011	24K Gold
3063	g 3	.013	24K Gold
3064	c 4	.020	24K Gold
3065	g' 5	.009	24K Gold
3066	Set		Light

5-STRING BANJO 24K GOLD STRINGS „RIVES“ Medium

3071	d' 1	.010	24K Gold
3072	b 2	.012	24K Gold
3073	g 3	.014	24K Gold
3074	c 4	.022	24K Gold
3075	g' 5	.010	24K Gold
3076	Set		Medium

TENOR BANJO SILVER STRINGS

2701	a' 1	.009	Silver Steel
2702	d' 2	.012	Silver Steel
2703	g 3	.022	Silver plated
2704	c 4	.031	Silver plated
2705	Set		

TENOR BANJO CHROME STRINGS POLISHED

2701	a' 1	.009	Silver Steel
2702	d' 2	.012	Silver Steel
2709	g 3	.022	Chrome Nickel
2710	c 4	.031	Chrome Nickel
2711	Set		

5-STRING BANJO SILVER STRINGS

3001	d' 1	.009	Silver Steel
3002	b 2	.012	Silver Steel
3003	g 3	.017	Silver plated
3004	c 4	.019	Silver plated
3005	g' 5	.009	Silver Steel
3006	Set		

OPTIMA BANJO STRINGS have this certain “twang”, this little pitch fluctuation that when plucked makes out the most traditional sound for Banjo music.

Our silver plated strings sound smoother than the standard Phosphorus Bronze strings, therefore they're ideal for the Banjo.

Available in Ball End version with a 10% surcharge.



GUITAR BANJO SILVER STRINGS

2901	e' 1	.012	Silver Steel
2902	b 2	.015	Silver Steel
2903	g 3	.020	Silver plated
2904	d 4	.028	Silver plated
2905	A 5	.034	Silver plated
2906	E 6	.047	Silver plated
2907	Set		

VIOLIN











Original Heifetz

The **OPTIMA GOLDBROKAT** is our most famous to date “e” string for Violin. They impress with a perfect sound and were the chosen strings by the great Violin virtuoso **Jascha Heifetz**.



Available in all scale lengths, 4/4. 3/4. 1/2. 1/4. 1/8. 1/16. **with Ball or loop ends** in 5 different tensions.



GOLDBROKAT E" Single string with Ball End

G.1001.24.B	e" 0.24	Steel x-light		
G.1001.25.B	e" 0.25	Steel light		
G.1001.26.B	e" 0.26	Steel medium		
G.1001.27.B	e" 0.27	Steel hard		
G.1001.28.B	e" 0.28	Steel x-hard		

GOLDBROKAT E" Single string with loop end

G.1001.24.L	e" 0.24	Steel x-light		
G.1001.25.L	e" 0.25	Steel light		
G.1001.26.L	e" 0.26	Steel medium		
G.1001.27.L	e" 0.27	Steel hard		
G.1001.28.L	e" 0.28	Steel x-hard		




VIOLIN

OPTIMA GOLDBROKAT PREMIUM 24K GOLD - based on the OPTIMA GOLDBROKAT PREMIUM, coated in a complex with genuine **24 Karat Gold**, this gilding gives this “e” string a warm and wonderfully soft sound and perfect protection.





Available in all scale lengths, **with Ball or loop ends** and in 5 different tensions.



GOLDBROKAT PREMIUM 24K GOLD E" Single string with Ball End

G.1061.24.B	e" 0.24	Steel x-light		
G.1061.25.B	e" 0.25	Steel light		
G.1061.26.B	e" 0.26	Steel medium		
G.1061.27.B	e" 0.27	Steel hard		
G.1061.28.B	e" 0.28	Steel x-hard		

GOLDBROKAT PREMIUM 24K GOLD E" Single string with loop end

G.1061.24.L	e" 0.24	Steel x-light		
G.1061.25.L	e" 0.25	Steel light		
G.1061.26.L	e" 0.26	Steel medium		
G.1061.27.L	e" 0.27	Steel hard		
G.1061.28.L	e" 0.28	Steel x-hard		

VIOLIN

OPTIMA GOLDBROKAT PREMIUM e" STRINGS. Made with a new special steel, with a remarkable even surface, it sets new standards in quality and sound characteristics. With an excellent response, brilliant and warm sound. Long durability.








Available in all scale lengths with ball or loop ends, in 5 different tensions.



GOLDBROKAT PREMIUM E" Single string with Ball End

G.1051.24.B	e" 0.24	Steel x-light		
G.1051.25.B	e" 0.25	Steel light		
G.1051.26.B	e" 0.26	Steel medium		
G.1051.27.B	e" 0.27	Steel hard		
G.1051.28.B	e" 0.28	Steel x-hard		

GOLDBROKAT PREMIUM E" Single string with loop end

G.1051.24.L	e" 0.24	Steel x-light		
G.1051.25.L	e" 0.25	Steel light		
G.1051.26.L	e" 0.26	Steel medium		
G.1051.27.L	e" 0.27	Steel hard		
G.1051.28.L	e" 0.28	Steel x-hard		











VIOLIN

OPTIMA GOLDBROKAT PREMIUM BRASSED "e" STRINGS. The Brass coating, offers improved protection and a perfect sound alternative for every musician.











Available in all scale lengths with ball or loop ends, in 5 different tensions.



GOLDBROKAT PREMIUM BRASSED E" Single string with Ball End

G.1071.24.B	e" 0.24	Steel x-light		
G.1071.25.B	e" 0.25	Steel light		
G.1071.26.B	e" 0.26	Steel medium		
G.1071.27.B	e" 0.27	Steel hard		
G.1071.28.B	e" 0.28	Steel x-hard		

GOLDBROKAT PREMIUM BRASSED E" Single string with loop end

G.1071.24.L	e" 0.24	Steel x-light		
G.1071.25.L	e" 0.25	Steel light		
G.1071.26.L	e" 0.26	Steel medium		
G.1071.27.L	e" 0.27	Steel hard		
G.1071.28.L	e" 0.28	Steel x-hard		

VIOLIN

Our **OPTIMA GOLDBROKAT** set for violin is made and controlled exclusively by hand to achieve a consistently high sound quality.

*e"-string
Original
Heifetz*



GOLDBROKAT SET

G.1001.26.B	e"	Steel medium	
G.1001.26.L	e"	Steel medium	
G.1002	a'	Alu polished	
G.1003	d'	Alu polished	
G.1004	g	Alu polished	

G.1000.B Set with e" Ball End

G.1000.L Set with e" Loop End

available as 4/4. 3/4. 1/2. 1/4. 1/8. 1/16

VIOLIN

For our **OPTIMA PROTOS** strings for violin, we use only the finest 100% pure nickel flat wire and thus achieve outstanding playability with a unique sound.



PROTOS SET

P.1011.B	e"	Steel medium	
P.1011.L	e"	Steel medium	
P.1012	a'	Pure Nickel flatwound	
P.1013	d'	Pure Nickel flatwound	
P.1014	g	Pure Nickel flatwound	

P.1010.B Set with e" Ball End

P.1010.L Set with e" Loop End

available as 4/4. 3/4. 1/2. 1/4. 1/8. 1/16

The **OPTIMA Gut Klang** set combines the bare and finest real Gut A and D strings, with the Pure Gut wound G string and our Goldbrokat E, the legendary string played by the famous violin virtuoso **Jascha Heifetz**.

Your instrument will elicit a very convincing excellent sound quality that you have never heard before.



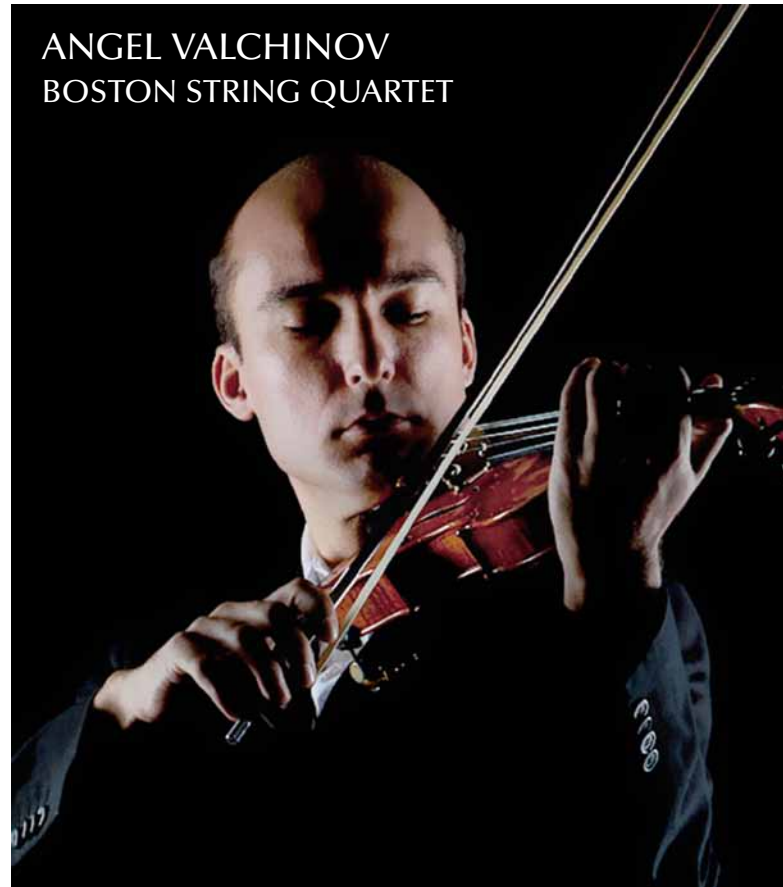
GUT KLANG

G.1001.26.B	e"	Steel medium
G.1001.26.L	e"	Steel medium
G.1402.M	a'	Real Gut
G.1403.M	d'	Real Gut
G.1404.M	g	Real Gut Pure Silver wound

G.1400.MB Set with e" Ball End

G.1400.ML Set with e" Loop End

Also available as	Light	.L
	Heavy	.H



ANGEL VALCHINOV
BOSTON STRING QUARTET

VIOLA

Our **OPTIMA GOLDBROKAT** set for viola is made and controlled exclusively by hand to achieve a consistent very high tonal quality.



GOLDBROKAT

G.1101	a'	Alu polished			
G.1102	d'	Alu polished			
G.1103	g	Alu polished			
G.1104	c	Pure Nickel polished			
G.1100	Set				

available as 4/4. 3/4. 1/2. 1/4. 1/8

VIOLA

For our **OPTIMA PROTOS** viola strings, we use the finest 100% pure nickel flat wire and thus achieve outstanding playability with excellent sound.



PROTOS

P.1111	a'	Pure Nickel flatwound			
P.1112	d'	Pure Nickel flatwound			
P.1113	g	Pure Nickel flatwound			
P.1114	c	Pure Nickel flatwound			
P.1110	Set				

available as 4/4. 3/4. 1/2. 1/4. 1/8

OPTIMA FIDEL strings are available for treble, alto and tenor Fidel.

These strings were developed especially by us for the sound of medieval instruments. Authenticity, excellent sound characteristics and long durability are in the foreground here.



DISKANT FIDEL

1001	d ^{''}	Silver Steel
1002	a [']	Silver Steel
1003	e [']	Aluminium
1004	c [']	Aluminium
1005	g	Aluminium
1006	d	Chrome Nickel
1007	Set 6-string	

ALTO FIDEL

1021	g [']	Silver Steel
1022	d [']	Silver Steel
1023	a	Aluminium
1024	f	Aluminium
1025	c	Chrome Nickel
1026	G	Chrome Nickel
1027	Set 6-string	

TENOR FIDEL









1041	d	Silver Steel
1042	a	Aluminium
1043	e	Aluminium
1044	c	Silver plated
1045	G	Silver plated
1046	D	Silver plated
1047	Set 6-string	

CELLO

Our **OPTIMA GOLDBROKAT** set for cello is 100% made and controlled by hand to get a constant very high sound quality.



GOLDBROKAT

G.1201	a	Alu polished		
G.1202	d	Alu polished		
G.1203	G	Alu polished		
G.1204	C	Nickel polished		

G.1200 Set

available as 4/4. 3/4. 1/2. 1/4

CELLO

For our **OPTIMA PROTOS** strings for cello, we use only the finest 100% pure nickel flat wire and thus achieve excellent playability with excellent sound.



PROTOS

P.1211	a	Pure Nickel flatwound		
P.1212	d	Pure Nickel flatwound		
P.1213	G	Pure Nickel flatwound		
P.1214	C	Pure Nickel flatwound		

P.1210 Set

available as 4/4. 3/4. 1/2. 1/4

DOUBLE BASS *New*

The lamb gut core of our new **OPTIMA Gut Klang** set is made, finely wound and polished by hand.

These set has a clear and brilliant sound, complex tonal possibilities and is suited for arco and pizzicato. The special gut we use gives these strings a long sustain.



GUT KLANG

911	G	Real Gut
912	D	Real Gut
913	A	Real Gut
913.W	A	Real Gut Silver wound
914	E	Real Gut
914.W	E	Real Gut Silver wound
915	B	Real Gut
916	C	Real Gut
910	Set	G Gut, D Gut, A Gut, E Gut
920	Set (wound A)	G Gut, D Gut, A Silver wound, E Gut
930	Set (wound A, E)	G Gut, D Gut, A Silver wound, E Silver wound

DOUBLE BASS

For our **OPTIMA PROTOS** strings for the powerful double bass, we use only the very finest 100% pure nickel flat wire and thus achieve outstanding playability with excellent sound.

Available in all scales - 4/4. 3/4. 1/2. 1/4. 1/8. 1/16. with Ball End .



PROTOS

P.1301	G	Pure Nickel flatwound			
P.1302	D	Pure Nickel flatwound			
P.1303	A	Pure Nickel flatwound			
P.1304	E	Pure Nickel flatwound			

P.1300 Set

available as 4/4. 3/4. 1/2. 1/4. 1/8. 1/16

ACCESSORIES

OPTIMA GUITAR STRAP

Suitable for guitar and bass, with noble OPTIMA embossing. Available in 4 different materials - most excellent buffalo leather and cowhide in black, and suede in natural and brown.

Length 100 to 147 cm - **width** 6 cm

Made in Germany by Richter Straps.



GUITAR STRAP LEATHER

A.1210	Exclusive Buffalo Leather	Black
A.1211	Waxy Suede Leather	Nature
A.1212	Waxy Suede Leather	Brown
A.1213	Waxy Suede Leather	Black

ACCESSORIES

New

OPTIMA GUITAR STRAP

Suitable for guitar and bass, with noble OPTIMA embossing. Available in 4 different materials - most excellent buffalo leather and cowhide in black, and suede in natural and brown.

Length 100 to 147 cm - **width** 9 cm

Made in Germany by Richter Straps.



BASS-GUITAR STRAP LEATHER

A.1310	Exclusive Buffalo Leather	Black
A.1311	Waxy Suede Leather	Nature
A.1312	Waxy Suede Leather	Brown
A.1313	Waxy Suede Leather	Black

ACCESSORIES

OPTIMA PICKER'S CLOTH

Made in Germany

Protects the instrument from play-related wear and prevents it from slipping. Suitable for all instruments (for example guitar, mandolin, mandola, etc.). The soft foam is approx. 40x40cm and available in black. Made in Germany.



PICKER'S CLOTH

A.1520

ACCESSORIES



TERMS & CONDITIONS

1) Scope of Application

- 1.1) These General Terms and Conditions of the company Optima Musiksaiten GmbH (hereinafter referred to as „Seller“) shall apply to all contracts concluded between a consumer or a trader (hereinafter referred to as „Client“) and the Seller relating to all goods and/or services presented in the Seller’s online shop. The inclusion of the Client’s own conditions is herewith objected to, unless other terms have been stipulated.
- 1.2) Regarding the purchase of vouchers, these Terms and Conditions shall apply accordingly, unless expressly agreed otherwise.
- 1.3) For contracts regarding the delivery of vouchers, these Terms and Conditions shall apply accordingly, unless expressly agreed otherwise.
- 1.4) A consumer pursuant to these Terms and Conditions is any natural person concluding a legal transaction for a purpose attributed neither to a mainly commercial nor a self-employed occupational activity. A trader pursuant to these Terms and Conditions is any natural or legal person or partnership with legal capacity acting in the performance of a commercial or self-employed occupational activity when concluding a legal transaction.
- 1.5) Digital content in the sense of these General Terms and Conditions are all data not on a tangible medium which are produced in digital form and are supplied by the Seller by granting certain usage rights precisely defined in these General Terms and Conditions.

2) Conclusion of the Contract

- 2.1) The product descriptions in the Seller’s online shop do not constitute binding offers on the part of the Seller, but merely serve the purpose of submitting a binding offer by the Client.
- 2.2) The Client may submit the offer via the online order form integrated into the Seller’s online shop. In doing so, after having placed the selected goods and/or services in the virtual basket and passed through the ordering process, and by clicking the button finalizing the order process, the Client submits a legally binding offer of contract with regard to the goods and/or services contained in the shopping cart. The Client may also submit his offer to the Seller by telephone, fax, e-mail, postal service or per online contact form.
- 2.3) The Seller may accept the Client’s offer within five days,
 - by transferring a written order confirmation or an order confirmation in written form (fax or e-mail); insofar receipt of order confirmation by the Client is decisive, or
 - by delivering ordered goods to the Client; insofar receipt of goods by the customer is decisive, or
 - by requesting the Client to pay after he placed his order.
- 2.4) Provided that several of the aforementioned alternatives apply, the contract shall be concluded at the time when one of the aforementioned alternatives firstly occurs. Should the Seller not accept the Client’s offer within the aforementioned period of time, this shall be deemed as rejecting the offer with the effect that the Client is no longer bound by his statement of intent.
- 2.5) If the Client chooses „PayPal Express“ when placing his order, payment processing is handled by the payment service provider PayPal (Europe) S.a.r.l. et Ge, S.C.A., 22-24 Boulevard Royal, L-2449 Luxembourg (hereinafter referred to as “PayPal”). The PayPal terms of use shall apply which can be viewed at: https://www.paypal.com/ie/webapps/mpp/ua/servicesdescription-full?locale.x=en_IE. In case the Client has no PayPal account, the conditions for payments without PayPal account will apply which can be viewed at: https://www.paypal.com/ie/webapps/mpp/ua/legalhub-full?locale.x=en_US. If the Client chooses “PayPal Express” as payment method, he initiates also a payment order to PayPal by clicking the button finalizing the order process. In this case, the Seller declares his acceptance of the Client’s offer already

at the time when the Client initiates the payment transaction by clicking the button finalizing the ordering process.

- 2.6) If the Client chooses the payment method “Amazon Payments”, payments are processed by the payment service provider Amazon Payments Europe s.c.a., 5 Rue Plaetis, L-2338 Luxemburg (hereinafter referred to as „Amazon“). If the Client chooses “Amazon Payments” as payment method during the online ordering process, he, at the same time, makes a payment order to Amazon when initiating the payment transaction by clicking the button finalizing the ordering process. In this case, the Seller declares his acceptance of the Client’s offer already at the time, when the Client initiates the payment transaction by clicking the button finalizing the ordering process.
 - 2.7) In case of an order via the Seller’s online order form, the text of the contract will be stored by the Seller and will be sent to the Client in writing including these Terms and Conditions (for example via e-mail, fax or letter) after the Client has submitted his order. In addition, the text of the contract will be stored on the Seller’s website and can be found by the Client via the password-protected customer account by entering the respective login information, provided that the Client has created a customer account in the Seller’s online shop prior to submitting his order.
 - 2.8) Prior to submitting a binding order via the Seller’s online order form, the Client may recognize input errors by reading attentively the information displayed on the screen. The enlargement function of the browser to enlarge the display on the screen may be an effective method for better recognizing input errors. The Client can correct all the data entered via the usual keyboard and mouse function during the electronic ordering process, until he clicks the button finalizing the ordering process.
 - 2.9) The German language is exclusively available for the conclusion of the contract.
- ## 3) Right to Cancel
- 3.1) Consumers are entitled to the right to cancel.
 - 3.2) Detailed informations about the right to cancel are provided in the Seller’s instruction on cancellation.
 - 3.3) The right to cancel does not apply to consumers, who are no nationals of a member state of the European Union at the time of concluding the contract and whose exclusive domicile and delivery address were located outside of the European Union at the time of concluding the contract.
- ## 4) Prices and Payment Conditions
- 4.1) Unless otherwise stated in the Seller’s product description, prices indicated are total prices including the statutory sales tax. Delivery costs, where appropriate, will be indicated separately in the respective product description
 - 4.2) Payment can be made using one of the methods mentioned in the Seller’s online shop.
 - 4.3) In case of delivery to countries outside the European Union, additional costs may incur in individual cases for which the Seller is not responsible and which have to be borne by the Client. This includes for example transfer fees charged by banking institutes (transfer charges, exchange fees) or import duties or taxes (customs). Such costs regarding money transfer may also incur, if delivery is not made in a country outside the European Union and the Client carries out the payment from a country outside the European Union.
 - 4.4) If prepayment by bank transfer has been agreed upon, payment is due immediately after conclusion of the contract, unless the parties have arranged a later maturity date
 - 4.5) If the payment method “purchase on account” is selected, the purchase price is due after the goods have been delivered and invoiced. In this case, the purchase price is to be paid within 14 (fourteen) days from receipt of the invoice without deduction, unless otherwise agreed. The Seller reserves the right to offer the payment method “purchase on account” only up to a certain order volume, and he may refuse this payment method if the specified order volume is exceeded.

In this case, the Seller will inform the Client in his payment information displayed in the online shop of a corresponding payment restriction. The Seller also reserves the right to carry out a creditworthiness check when the payment method "purchase on account" is selected, and he may reject this payment method in the event of a negative creditworthiness check.

- 4.6) If the SEPA direct debit payment method is selected, the invoice amount is due for payment after a SEPA direct debit mandate has been issued, but not before the deadline for pre-notification has expired. The direct debit will be collected when the ordered goods leave the Seller's warehouse, but not before the deadline for pre-notification has expired. Pre-notification means any communication (e. g. invoice, policy, contract) of the Seller to the Client which announces a debit by means of SEPA direct debit. If the direct debit is not honored due to insufficient account coverage or due to the indication of an incorrect bank account, or if the Client objects to the debit, even though he is not entitled to do so, the Client shall bear the fees arising from the reversal of the respective bank, if he is responsible for this. The Seller reserves the right to carry out a creditworthiness check when the payment method SEPA direct debit is selected and may reject this payment method in the event of a negative creditworthiness check.
- 4.7) When payments are made using a payment method offered by PayPal, handling of payments takes place via the payment service provider PayPal ((Europe) S.a. r.l. et Cie, S.C.A., 22-249 Boulevard Royal, L-2449 Luxembourg (hereinafter called "PayPal") subject to the PayPal terms of use which can be viewed at: <https://www.paypal.com/de/webapps/mpp/ua/useragreement-full>. In case the client has no PayPal account, the conditions applicable for payments without PayPal account will be effective. They can be viewed at: <https://www.paypal.com/de/webapps/mpp/ua/privacywax-full>
- 4.8) If the payment method „immediate bank transfer“ is selected, payment processing is carried out via the payment service provider SOFORT GmbH, Theresienhöhe 12.80339 Munich (hereinafter referred to as „IMMEDIATE“). In order to be able to pay the invoice amount via "immediate bank transfer," the Client must have an online banking account with the PIN/TAN method that is activated for participation in "immediate bank transfer," he must have the appropriate credentials during the payment process, and he must confirm the payment instruction to IMMEDIATE. The payment transaction will be executed immediately afterwards and the Client's bank account debited accordingly. Further information on the payment method "immediate bank transfer" can be called up by the Client on the Internet at <https://www.sofort.com/ger-DE/kaeufersu/so-funktioniert-sofort-ueberweisung/>.

5) Shipment and Delivery Conditions

- 5.1) Goods are generally delivered on dispatch route and to the delivery address indicated by the Client, unless agreed otherwise. During the processing of the transaction, the delivery address indicated in the Seller's order processing is decisive. However, in case the Client selects the payment method PayPal, the delivery address deposited with PayPal at the date of payment shall be decisive.
- 5.2) Should the assigned transport company return the goods to the Seller, because delivery to the Client was not possible, the Client bears the costs for the unsuccessful dispatch. This shall not apply, if the Client exercises his right to cancel effectively, if the delivery cannot be made due to circumstances beyond the Client's control or if he has been temporarily impeded to receive the offered service, unless the Seller has notified the Client about the service for a reasonable time in advance.
- 5.3) Should the Client collect the goods himself, the Seller informs the Client by e-mail that the goods are available for collection. After receiving the e-mail, the Client may collect the goods in consultation with the Seller at the Seller's place of business. In this case shipment costs will not be charged.

6) Reservation of Proprietary Rights

- 6.1) If the Seller provides advance deliveries, he retains title of ownership to the delivered goods, until the purchase price owed has been paid in full.

7) Warranty

- 7.1) Should the object of purchase be deficient, statutory provisions shall apply.
- 7.2) Deviating hereof, for consumers the limitation period regarding warranty claims for used goods shall be one year from delivery of goods to the Client. The shortening of the limitation period does not apply,
 - for a product, which was not used, in accordance with its usual application, for building construction and which was the cause of the building's defectiveness,
 - for damages arising out of injuries to life, body or health, which result from intentional or negligent violation of the Seller's duties or the intentional or negligent violation of duties by the legal representative or the vicarious agent of the user,
 - for other damages resulting from intentional or grossly negligent violation of the Seller's duties or the intentional or grossly negligent violation of duties by the legal representative or the vicarious agent of the user,
- 7.3) if the Seller has fraudulently concealed the defect.
- 7.4) The Client is asked to notify any obvious transport damages to the forwarding agent and to inform the Seller accordingly. Should the Client fail to comply therewith, this shall not affect his statutory or contractual claims for defects.

8) Applicable Law

- 8.1) The law of the Federal Republic of Germany shall apply to all legal relationships between the parties under exclusion of the laws governing the international purchase of movable goods. For consumers, this choice of law only applies to the extent that the granted protection is not withdrawn by mandatory provisions of the law of the country, in which the consumer has his habitual residence.
- 8.2) Furthermore, this choice of law regarding the right to cancel does not apply to consumers, who are not nationals of a member state of the European Union at the time of concluding the contract and whose exclusive domicile and delivery address is located outside of the European Union at the time of concluding the contract.

9) Place of Jurisdiction

- 9.1) If the Client is a businessman, a legal entity of public law or a separate estate under public law with its seat in the territory of the Federal Republic of Germany, the Seller's place of business shall be the sole place of jurisdiction for all legal disputes arising from this contract. If the Client is domiciled outside the territory of the Federal Republic of Germany, the Seller's place of business shall be the sole place of jurisdiction for all legal disputes arising from this contract provided that the contract or claims from the contract can be assigned to the Client's professional or commercial activities. In any event however, regarding the aforementioned cases the Seller is entitled to call the court responsible for the seat of the Client.

10) Alternative dispute resolution

- 10.1) The EU Commission provides on its website the following link to the ODR platform: <https://ec.europa.eu/consumers/odr>.
- 10.2) This platform shall be a point of entry for out-of-court resolutions of disputes arising from online sales and service contracts concluded between consumers and traders.
- 10.3) The Seller is neither obliged nor prepared to attend a dispute settlement procedure before an alternative dispute resolution entity.

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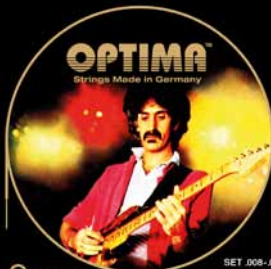
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