

# ACOUSTIC GUITAR STRINGS



## SPECTRUM BRONZE

The ultimate bronze round wound acoustic string! The SPECTRUM BRONZE strings are specially designed for the demands of professional recording, yet is also unsurpassed in live performance situations. A unique bronze formula, combined with THOMASTIK-INFELD's mastery of mechanical filtering with their silk inlay technology, gives a full warm tone, with a sparkling clarity that lets you cut through a dense sound mix. Playing feel is very balanced, and they are surprisingly long lasting. Available in 6 and 12 string sets.

Die SPECTRUM BRONZE Saiten wurden speziell für die Anforderungen von professionellen Studioaufnahmen entwickelt und sind auch unübertroffen für Live-Auftritte. Durch die einzigartige Bronzelegierung und THOMASTIK-INFELDS Know-how auf dem Gebiet des mechanischen Filterns und der Seideneinlagentechnologie ergibt sich ein voller, warmer Ton von solcher Brillanz, dass man sich auch in einem dichten Soundmix durchsetzt. Sehr ausgewogenes Spielgefühl und sie halten überraschend lange. Saitensets mit 6 und 12 erhältlich.

brass plated plain trebles

### Set SB110 Set SB111

P10	P11
P14	P15
SB22	SB24
SB30	SB32
SB41	SB43
SB50	SB52

### Set SB112 Set SB113

P12	P13
P16	P17
SB25	SB26
SB35	SB36
SB44	SB45
SB54	SB57

tin plated plain trebles

### Set SB110T Set SB111T

P10T	P11T
P14T	P15T
SB22	SB24
SB30	SB32
SB41	SB43
SB50	SB52

### Set SB112T Set SB113T

P12T	P13T
P16T	P17T
SB25	SB26
SB35	SB36
SB44	SB45
SB54	SB57

cat.#	note	material	ins	mm	lbs	kp
P10	E	plain steel, brass plated	.010	0.25	17.2	7.8
P10T	E	plain steel, tin plated	.010	0.25	17.2	7.8
P11	E	plain steel, brass plated	.011	0.28	19.9	9.0
P11T	E	plain steel, tin plated	.011	0.28	19.9	9.0
P12	E	plain steel, brass plated	.012	0.30	22.6	10.2
P12T	E	plain steel, tin plated	.012	0.30	22.6	10.2
P13	E	plain steel, brass plated	.013	0.32	25.9	11.8
P13T	E	plain steel, tin plated	.013	0.32	25.9	11.8
P14	B	plain steel, brass plated	.014	0.36	18.3	8.3
P14T	B	plain steel, tin plated	.014	0.36	18.3	8.3
P15	B	plain steel, brass plated	.015	0.38	20.5	9.3
P15T	B	plain steel, tin plated	.015	0.38	20.5	9.3
P16	B	plain steel, brass plated	.016	0.40	22.8	10.3
P16T	B	plain steel, tin plated	.016	0.40	22.8	10.3
P17	B	plain steel, brass plated	.017	0.42	25.1	11.4
P17T	B	plain steel, tin plated	.017	0.42	25.1	11.4
SB22	G	bronze round wound	.022	0.57	26.2	11.9
SB24	G	bronze round wound	.024	0.60	29.6	13.4
SB25	G	bronze round wound	.025	0.63	33.4	15.2
SB26	G	bronze round wound	.026	0.67	35.7	16.2
SB30	D	bronze flat wound	.030	0.75	25.7	11.7
SB32	D	bronze round wound	.032	0.81	28.9	13.1
SB35	D	bronze round wound	.035	0.89	33.2	15.1
SB36	D	bronze round wound	.036	0.93	39.3	17.8
SB41	A	bronze round wound	.041	1.05	26.0	11.8
SB43	A	bronze round wound	.043	1.08	28.2	12.8
SB44	A	bronze round wound	.044	1.12	31.4	14.2
SB45	A	bronze round wound	.045	1.16	32.5	14.8
SB50	E	bronze round wound	.050	1.27	22.1	10.0
SB52	E	bronze round wound	.052	1.33	24.2	11.0
SB54	E	bronze round wound	.054	1.37	25.5	11.6
SB57	E	bronze round wound	.057	1.44	28.5	12.9



# SPECTRUM BRONZE

## 12 STRING SET

brass plated plain trebles

Set SB210	Set SB211
P10	P11
P10	P11
P14	P15
P14	P15
SB22	SB24
P08G	P09G
SB30	SB32
P13	P14
SB41	SB43
SB17	SB18
SB50	SB52
SB22	SB23

tin plated plain trebles

Set	Set SB211T
P10T	P11T
P10T	P11T
P14T	P15T
P14T	P15T
SB22	SB24
P08G	P09G
SB30	SB32
P13T	P14T
SB41	SB43
SB17	SB18
SB50	SB52
SB22	SB23

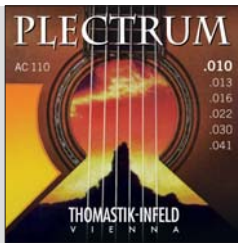
cat.#	note	material	ins	mm	lbs	kp
P08G	G	plain steel, brass plated	.008	0.20	14.2	6.5
P08TG	G	plain steel, tin plated	.008	0.20	14.2	6.5
P09G	G	plain steel, brass plated	.009	0.23	18.9	8.6
P09TG	G	plain steel, tin plated	.009	0.23	18.9	8.6
P10	E	plain steel, brass plated	.010	0.25	17.2	7.8
P10T	E	plain steel, tin plated	.010	0.25	17.2	7.8
P11	E	plain steel, brass plated	.011	0.28	19.9	9.0
P11T	E	plain steel, tin plated	.011	0.28	19.9	9.0
P13	D	plain steel, brass plated	.013	0.32	20.5	9.3
P13T	D	plain steel, tin plated	.013	0.32	20.5	9.3
P14	D	plain steel, brass plated	.014	0.36	26.1	11.8
P14T	D	plain steel, tin plated	.014	0.36	26.1	11.8
P14	B	plain steel, brass plated	.014	0.36	18.3	8.3
P14T	B	plain steel, tin plated	.014	0.36	18.3	8.3
P15	B	plain steel, brass plated	.015	0.38	20.5	9.3
P15T	B	plain steel, tin plated	.015	0.38	20.5	9.3
SB17	A	bronze flat wound	.017	0.43	20.7	9.4
SB18	A	bronze flat wound	.018	0.46	24.5	11.1
SB22	G	bronze round wound	.022	0.57	26.2	11.9
SB22	E	bronze round wound	.022	0.57	18.8	8.5
SB23	E	bronze flat wound	.023	0.59	20.5	9.3
SB24	G	bronze round wound	.024	0.60	29.6	13.4
SB30	D	bronze flat wound	.030	0.75	25.7	11.7
SB32	D	bronze round wound	.032	0.81	28.9	13.1
SB41	A	bronze round wound	.041	1.05	26.0	11.8
SB43	A	bronze round wound	.043	1.08	28.2	12.8
SB50	E	bronze round wound	.050	1.27	22.1	10.0
SB52	E	bronze round wound	.052	1.33	24.2	11.0

= extra light

= light

= medium light

= medium



## PLECTRUM

A remarkable string that prompts comments like: "I never knew a string like this existed!". The combination of lower overall tension, hybrid arrangement of flatwounds (A,D,G) with roundwound low E, and silk inlays (for precise overtone balance) produces a beautiful, almost classical tone, with the warmth of bronze and the easy playability of a fine set of jazz strings. And because of its low, evenly balanced tensions, PLECTRUMS can extend the playing life of many fine older guitars with weak bracing or other special age conditions.

Die Kombination von geringerer Gesamtspannung sowie einer gemeinsamen Anordnung von Flat Wounds (A,D,G) mit einem Round Wound tiefem E und Seideneinlagen (präzise ausbalancierte Obertöne) ergibt einen wunderschönen, fast klassischen, warmen Klang; sie sind leicht spielbar wie ein Satz guter Jazzsaiten. Aufgrund der geringen, gleichmäßig verteilten Spannung, können PLECTRUMS die Lebensdauer so mancher hervorragenden älteren Gitarre mit dünner Decke oder anderen altersbedingten Schwächen bedeutend verlängern.

brass plated plain trebles

### Set AC110 Set AC111

P10	P11
P13	P14
AC016	AC019
AC022	AC027
AC030	AC036
AC041	AC050

### Set AC112 Set AC113

P12	P13
P15	P16
AC024	AC025
AC033	AC034
AC044	AC047
AC059	AC061

tin plated plain trebles

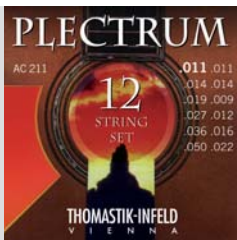
### Set AC110T Set AC111T

P10T	P11T
P13T	P14T
AC016	AC019
AC022	AC027
AC030	AC036
AC041	AC050

### Set AC112T Set AC113T

P12T	P13T
P15T	P16T
AC024	AC025
AC033	AC034
AC044	AC047
AC059	AC061

cat.#	note	material	ins	mm	lbs	kp
P10	E	plain steel, brass plated	.010	0.25	17.2	7.8
P10T	E	plain steel, tin plated	.010	0.25	17.2	7.8
P11	E	plain steel, brass plated	.011	0.28	19.9	9.0
P11T	E	plain steel, tin plated	.011	0.28	19.9	9.0
P12	E	plain steel, brass plated	.012	0.30	22.6	10.2
P12T	E	plain steel, tin plated	.012	0.30	22.6	10.2
P13	E	plain steel, brass plated	.013	0.32	25.9	11.8
P13T	E	plain steel, tin plated	.013	0.32	25.9	11.8
P13	B	plain steel, brass plated	.013	0.32	15.6	7.1
P13T	B	plain steel, tin plated	.013	0.32	15.6	7.1
P14	B	plain steel, brass plated	.014	0.36	18.3	8.3
P14T	B	plain steel, tin plated	.014	0.36	18.3	8.3
P15	B	plain steel, brass plated	.015	0.38	20.6	9.3
P15T	B	plain steel, tin plated	.015	0.38	20.6	9.3
P16	B	plain steel, brass plated	.016	0.40	22.8	10.3
P16T	B	plain steel, tin plated	.016	0.40	22.8	10.3
AC016	G	bronze flat wound	.016	0.41	15.8	7.2
AC019	G	bronze flat wound	.019	0.48	20.3	9.2
AC022	D	bronze flat wound	.022	0.57	15.4	7.0
AC024	G	bronze flat wound	.024	0.61	32.3	14.6
AC025	G	bronze round wound	.025	0.63	33.4	15.2
AC027	D	bronze flat wound	.027	0.68	22.6	10.3
AC030	A	bronze flat wound	.030	0.76	15.0	6.8
AC033	D	bronze round wound	.033	0.84	30.3	13.7
AC034	D	bronze round wound	.034	0.85	34.6	15.7
AC036	A	bronze flat wound	.036	0.92	22.1	10.0
AC041	E	bronze round wound	.041	1.05	15.0	6.8
AC044	A	bronze round wound	.044	1.13	31.4	14.2
AC047	A	bronze round wound	.047	1.20	35.3	16.0
AC050	E	bronze round wound	.050	1.27	22.1	10.0
AC059	E	bronze round wound	.059	1.49	31.0	14.0
AC061	E	bronze round wound	.061	1.55	33.0	15.0



# PLECTRUM

## 12 STRING SET

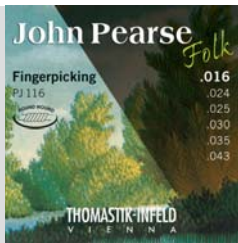
brass plated plain trebles

Set AC210	Set AC211
P10	P11
P10	P11
P13	P14
P13	P14
AC016	AC019
P08G	P09G
AC022	AC027
P10	P12
AC030	AC036
AC014	AC516
AC041	AC050
AC519	AC522

tin plated plain trebles

Set AC210T	Set AC211T
P10T	P11T
P10T	P11T
P13T	P14T
P13T	P14T
AC016	AC019
P08TG	P09TG
AC022	AC027
P10T	P12T
AC030	AC036
AC014	AC516
AC041	AC050
AC519	AC522

cat.#	note	material	ins	mm	lbs	kp
P08G	G	plain steel, brass plated	.008	0.20	14.2	6.5
P08TG	G	plain steel, tin plated	.008	0.20	14.2	6.5
P09G	G	plain steel, brass plated	.009	0.23	18.9	8.6
P09TG	G	plain steel, tin plated	.009	0.23	18.9	8.6
P10	D	plain steel, brass plated	.010	0.25	13.6	6.2
P10T	D	plain steel, tin plated	.010	0.25	13.6	6.2
P10	E	plain steel, brass plated	.010	0.25	17.2	7.8
P10T	E	plain steel, tin plated	.010	0.25	17.2	7.8
P11	E	plain steel, brass plated	.011	0.28	19.9	9.0
P11T	E	plain steel, tin plated	.011	0.28	19.9	9.0
P12	D	plain steel, brass plated	.012	0.30	18.7	8.2
P12T	D	plain steel, tin plated	.012	0.30	18.7	8.2
P13	B	plain steel, brass plated	.013	0.32	15.6	7.1
P13T	B	plain steel, tin plated	.013	0.32	15.6	7.1
P14	B	plain steel, brass plated	.014	0.36	18.3	8.3
P14T	B	plain steel, tin plated	.014	0.36	18.3	8.3
AC014	A	bronze flat wound	.014	0.36	15.1	6.9
AC516	A	bronze flat wound	.016	0.41	19.0	8.6
AC016	G	bronze flat wound	.016	0.41	15.8	7.2
AC019	G	bronze flat wound	.019	0.48	21.9	9.9
AC519	E	bronze flat wound	.019	0.47	13.8	6.3
AC522	E	bronze flat wound	.022	0.57	18.8	8.5
AC022	D	bronze flat wound	.022	0.57	15.4	7.0
AC027	D	bronze flat wound	.027	0.68	22.6	10.3
AC030	A	bronze flat wound	.030	0.76	15.0	6.8
AC036	A	bronze flat wound	.036	0.92	22.1	10.0
AC041	E	bronze round wound	.041	1.05	15.0	6.8
AC050	E	bronze round wound	.050	1.27	22.1	10.0



## JOHN PEARSE FOLK

The bass strings E, A, d are round wound on a nylon core for a big warm sound without distracting picking noises. The treble strings are flatwound nylon on a rope core and sound brighter than nylon strings.

**JOHN PEARSE is the perfect set for acoustic fingerstyle guitar.**

Die tiefen Saiten E, A, d sind runddrahtumspunnen auf Nylon und bringen beim Fingerpicking volle, runde Bässe ohne metallisches Anzupfgeräusch. Die hohen Saiten werden über einem Seilkern nylonbandumspunnen und klingen daher etwas heller als Nylonsaiten. Der ideale Satz für Folk Fingerpicking.

### Set PJ116

	cat.#	note	material	ins	mm	lbs	kp
PJ16	PJ16	E	nylon flat wound on steel core	.016	0.40	14.0	6.4
PJ24	PJ24	B	nylon flat wound on rope core	.024	0.60	14.5	6.6
PJ25	PJ25	G	nylon flat wound on rope core	.025	0.62	14.0	6.4
PJ30	PJ30	D	round wound on nylon core	.030	0.75	14.7	6.7
PJ35	PJ35	A	round wound on nylon core	.035	0.90	14.2	6.5
PJ43	PJ43	E	round wound on nylon core	.043	1.10	13.5	6.1

### STRING CARE

As a string is played, metal is physically worn off from the windings, especially in areas where there is contact with the frets. Also, the acid in the sweat of the player's hands will cause further deterioration where the fingers come in contact with the strings. As this occurs over a period of time, the string will no longer have a uniform mass and will not play true. At this point the richness in overtones is diminished, and the volume of sound decreased.

String life can be somewhat prolonged by wiping the strings with a dry lint-free cloth after each playing session. Avoid using oils or grease, as they will mute the metals and could cause the windings to slip and become loose (which affects intonation and tone, effectively ruining the string).

### CHANGING STRINGS

The matter of when, and how often, to change strings is a somewhat subjective decision. The general rule is to change the set before your strings have deteriorated to the point that tone and intonation are affected. It is highly recommended to change the entire set at the same time, in order to retain proper string to string balance and volume. Action and intonation should be checked periodically, such as when changing strings, even when replacing them with the same style and gauge, as minor variations can occur. Also, weather changes or different climactic conditions encountered in traveling can affect a guitar's action and intonation.

It is important to always check action and intonation, and make adjustments if necessary, when changing string styles or gauges. Especially if trying strings of a lighter gauge for the first time, it may be necessary to make some adjustments to the bridge, neck, nut and truss rod, to restore proper action and to prevent string buzz.

### GENERAL

When the instrument is not in use, do not release the tension of any of the strings, as this is harmful to both the instrument and the strings.

All strings are available in bulk



Alle Saiten sind auch langgelegt erhältlich

# ACOUSTIC GUITAR STRINGS



## CLASSIC N SUPERLONA

Heavy duty nylon strings, with a choice of two styles of basses (E, A, D): either silver plated copper roundwound (CR127), or chrome steel flatwound (CF127). CLASSIC N strings are easy to play, and represent an excellent value in a student or practice string. CF128 has a wound G-3rd. CR128 hybrid set contains a high density synthetic fiber G-string.

Hochleistungsnylonsaiten, bei denen man zwischen zwei verschiedenen Basstilen (E, A, D) wählen kann: entweder versilberte Roundwound Kupfersaiten (CR127) oder Flatwound Chromstahl (CF127). „Classic N“ Saiten sind leicht spielbar und hervorragend geeignet als Unterrichts- oder Übungssaiten. CF128 hat einen Wound G-3rd. Der CR128 Kombisatz enthält eine G-Saite aus Synthetikfaser mit hoher Dichte.

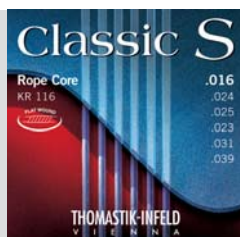
### Set CR127 Set CR128

CN27	CN27
CN31	CN31
CN39	CP33
CR30	CR30
CR35	CR35
CR43	CR43

### Set CF127 Set CF128

CN27	CN27
CN31	CN31
CN39	CF27
CF30	CF30
CF35	CF35
CF45	CF45

cat.#	note	material	ins	mm	lbs	kp
CN27	E	plain nylon	.027	0.69	15.1	6.9
CN31	B	plain nylon	.031	0.80	12.2	5.5
CF27	G	chrome steel flat wound	.027	0.69	14.2	6.5
CP33	G	high density synthetic fiber	.033	0.85	13.3	6.1
CN39	G	plain nylon	.039	1.00	12.3	5.6
CR30	D	silverplated copper round wound	.030	0.75	14.7	6.7
CF30	D	chrome steel flat wound	.030	0.76	14.2	6.5
CR35	A	silverplated copper round wound	.035	0.90	14.2	6.5
CF35	A	chrome steel flat wound	.035	0.90	14.0	6.4
CR43	E	silverplated copper round wound	.043	1.10	13.5	6.1
CF45	E	chrome steel flat wound	.045	1.10	14.0	6.4



## CLASSIC S ROPE CORE

Exceptional steel string alternatives for concert, fingerstyle and folk guitarists.

Außergewöhnliche Stahlseite als Alternative für Konzert-, Fingerstyle- und Folkgitarristen.

### Set KF110 Set KR116

P10	KN16
KF14	KN24
KF18	KN25
KF24	KR23
KF31	KR31
KF38	KR39

cat.#	note	material	ins	mm	lbs	kp
P10	E	plain steel	.010	0.26	17.2	7.8
KF14	B	silverplated copper flat wound on rope core	.014	0.35	16.3	7.4
KN16	E	nylon tape wound on rope core	.016	0.40	16.3	7.4
KF18	G	stainless steel flat wound on steel core	.018	0.46	15.8	7.2
KR23	D	silverplated copper flat wound on rope core	.023	0.58	14.2	6.5
KF24	D	nickel flat wound on steel core	.024	0.60	15.8	7.2
KN24	B	nylon tape wound on rope core	.024	0.60	14.5	6.6
KN25	G	nylon tape wound on rope core	.025	0.63	14.0	6.4
KR31	A	silverplated copper flat wound on rope core	.031	0.80	14.5	6.6
KF31	A	nickel flat wound on steel core	.031	0.78	15.8	7.2
KF38	E	nickel flat wound on steel core	.038	0.97	14.7	6.7
KR39	E	silverplated copper flat wound on rope core	.039	1.00	14.5	6.6