

# Viola tension chart

## helicore

Note Core/Winding		Tension (lbs.)					
		LL	LM	LH	XLM	MM	SM
Playing length (mm.-in.)		380-15	380-15	380-15	400 - 15¾	360 - 14¼	330 -13
H411	A-La Stranded Steel/Aluminum	15.6	17.0	18.2	18.8	15.3	15.3
H412	D-Ré Stranded Steel/Titanium	11.3	12.8	14.2	14.2	11.5	11.1
H413	G-Sol Stranded Steel/Silver	11.9	13.8	15.0	15.3	12.4	11.3
H414	C-Do Stranded Steel/Tungsten-silver	11.8	13.1	14.6	14.5	11.8	11.1
H415	E-Mi Tinned high-carbon steel	20.4	22.5	25.0			

## zyex

Note Core/Winding		Tension (lbs.)					
		LL	LM	LH		MM	SM
Playing length (mm.-in.)		380-15	380-15	380-15		360 - 14¼	330 -13
DZ411	A-La Zyex/Aluminum	13.8	15.9	18.5		14.3	14.0
DZ412A	D-Ré Zyex/Titanium	9.9	11.8	13.4		10.6	10.1
DZ413	G-Sol Zyex/Silver	10.2	11.8	13.8		10.6	10.4
DZ414	C-Do Zyex/Tungsten-silver	10.3	11.4	12.9		10.3	9.7

## prelude

Note Core/Winding		Tension (lbs.)						
			LM			MM	SM	XSM
Playing length (mm.-in.)			380-15			360 - 14¼	330 -13	305 - 12
J811	A-La Steel/Aluminum		16.1			14.9	13.8	12.0
J812	D-Ré Steel /Aluminum		11.6			11.3	10.6	10.2
J813	G-Sol Steel/Nickel		10.6			10.4	9.2	11.1
J814	C-Do Steel/Nickel		10.8			10.6	9.5	9.5

## kaplan

Note Core/Winding		Tension (lbs.)					
		LL	LM	LH			
Playing length (mm.-in.)		380-15	380-15	380-15			
KS411	A La-Solid Steel/Titanium	16.0	18.0	20.0			
K411LM	A La- Stranded Steel/Titanium		18.5				
K411LL	A-La Stranded Steel/Aluminum	16.4					