

Detailed Reed Dimensions of all 5th Generation Susato Polymer Reeds for Capped Reeds Instruments

August 27-2026

Instrument Name:	Soprano Straight-Cap or Krumm-Cap	Soprano Straight-Cap or Krumm-Cap	Sopranino Cone-Cap	Soprano Cone-Cap	Alto Straight- Cap, Kel-Cap, or Krumm-Cap	Alto Straight- Cap, Kel-Cap, or Krumm-Cap	Tenor Straight- Cap, Kel-Cap, or Krumm-Cap	Tenor Straight- Cap, Kel-Cap, or Krumm-Cap	Bass Straight- Cap, Kel-Cap, or Krumm-Cap	Great-Bass Kel-Cap	Contra-Bass Kel-Cap
5th Gen. Reeds	In F	In -C	In -F	In -C-	In -F-	In -F-	In -C-	In -C-	In -F-	In -C-	In -F-
Bore Size Diam.	0.182"	0.200"	Conical bore	Conical bore	0.210" regular size bore	0.240" slightly larger bore	0.260" regular size bore	0.280" slightly larger bore	0.340"	0.360"	0.400" deep
Reed Name	#1	#2	#2c	#2c	#3a	#3b	#4a	#4b	#5	#6	#7
Bore Sizes	4.5mm	5.0mm	Conical bore	Conical bore	5.5mm	6.0mm	6.5mm	7.0mm	8.5mm	9.0mm	10.0mm
Reed-Stem I.D.	4.5mm	5.0mm	Variable	Variable	5.5mm	6.0mm	6.5mm	7.0mm	8.5mm	9.0mm	10.0mm
Reed Stem Length	26mm	32mm	32mm	32mm	38mm	38mm	44mm	44mm	52mm	52mm	58mm
Instr. Name	Sopranino	Soprano	Sopranino	Soprano	Alto	Alto	Tenor	Tenor	Bass	Great-Bass	Contra-Bass
Horn Stem I.D.	5.0-mm	5.5mm	8.5mm	8.5mm	6.0mm	6.5mm	7.0mm	7.5mm	9.0mm	9.5mm	10.5mm
Horn Stem Length	22mm	24mm	24mm	24mm	26mm	26mm	28mm	28mm	30mm	32mm	40mm
Reed-Pitch	C to C#	B to C	B to C	B to C	A to Bb	A to Bb	E to F	E to F	D to Eb	C# to D	B to C
Full Length of Reed	1.150"	1.200"	1.395"	1.395"	1.395"	1.395"	1.800"	1.800"	1.900"	1.980"	2.100"
Reed-Tip Width	0.610"	0.640"	0.640"	0.640"	0.675"	0.675"	0.760"	0.760"	0.800"	0.850"	1.100"
Blade Tip Th.	0.009"	0.009"	0.009"	0.009"	0.010"	0.010"	0.011"	0.011"	0.012"	0.013"	0.018"
3-Turns Belt-Wire	0.016"	0.016"	0.016"	0.016"	0.020"	0.020"	0.020"	0.020"	0.024"	0.024"	0.024"
Copper Belt Wires (Tined & Annelled)	26 Gage	26 Gage	26 Gage	26 Gage	24 Gage	24 Gage	24 Gage	24 Gage	24 Gage	22 Gage	22 Gage

All 3 on-reed "Belt-Wires" must be between the two lower support-dots of the reed. The #3b reeds are used for Sopranino and Soprano Cone-Caps in -F- and in -c'-, but only with a special, 8.0mm O.D. (Nino or Sopr.) Conical-Bore Polymer-Stem, with an I.D. taper of 0.219" to 0.150" taper at the top.

For all conical bore instruments: Reeds with Conical-Bore Rauschpfeiff-Type Stems produce better sounds!

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Additional information about SUSATO REEDS can be found at:

www.susato.com www.cappedreeds.com www.cappedreedsmaking.com. www.cappedreedssociety.org

Use of names: Straight-Cap = Straight shape with straight-through-bore. (Formerly erroneously called "Cornamuse" by Michael Praetorius)
 Kel-Cap = Straight Keilhorn shape with convoluted bore. (Very easy to play at any length or size. Particularly Tenor, Bass, and Great-Bass sizes)
 Krumm-Cap = Krummhorn shape and bore. (Good looking, but expensive. Tone-holes progressively harder to reach on Tenor and lower pitched, longer sizes)
 Cone-Cap = Conical shape and conical bore of Rauschpfeiffen. (Sopranino and Soprano can play one octave and a half)
 Reed-Pitch = When testing the reed while out of the horn for pitch adjustments via belt-wire pressures, to achieve minutely smaller, or larger, reed-tip openings.