

# Bowed Strings Fingering and Double Stops

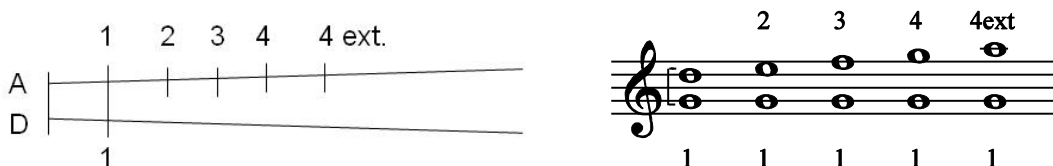
## Violin, Viola

Maximum reach on one string

Violin: P5 using the extended 4<sup>th</sup> finger

Viola: P4 (don't rely on an extended 4<sup>th</sup> finger with the viola)

“Natural” position – lowered numbered finger on lower string



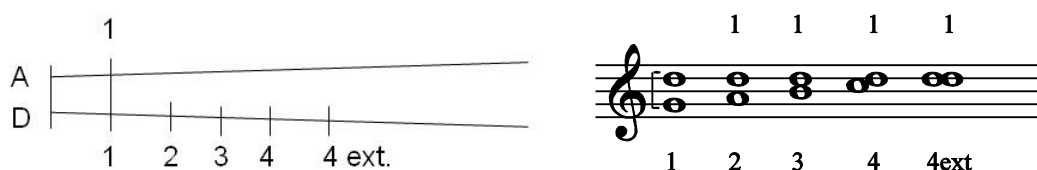
P5 - 1-1 (“bar”)

6<sup>th</sup> - Any two adjacent fingers (1-2, 2-3, 3-4)

7<sup>th</sup> - Skipping a finger (1-3, 2-4, 3-4ext.)

Octave – 1-4, 2-4ext.

“Reversed” position – lowered number finger on higher string



P5 – 1-1 (“bar”)

4<sup>th</sup> – Any two adjacent fingers (1-2, 2-3, 3-4)

3<sup>rd</sup> - Skipping a finger (1-3, 2-4, 3-4ext.)

2<sup>nd</sup> - 1-4, 2-4ext.

Unison – 1 – 4ext.

# Cello

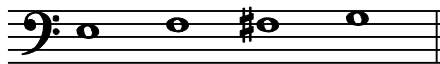
Maximum reach on one string is a M3

In thumb position, maximum reach on one string is a P4

Fingering Examples:

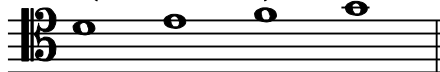


II (First Position)



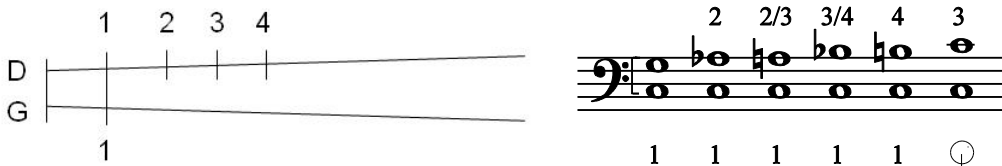
1 2 3 4

II (Thumb Position)



☉ 1 2 3

“Natural” position – lowered numbered finger on lower string



P5 – 1-1 “bar” (also possible with thumb)

6<sup>th</sup> – Any two adjacent fingers (1-2, 2-3, 3-4)

M6, +6 – Skipping a finger (1-3, 2-4)

m7, M7 – 1-4

**Thumb Position**

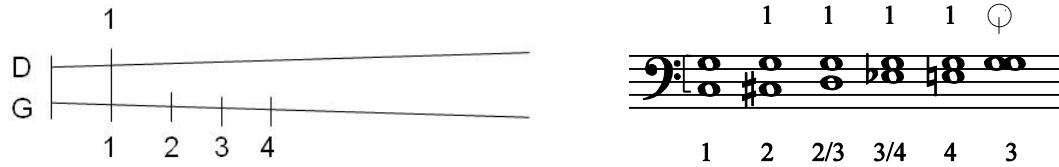
6<sup>th</sup>, m7 – Q-1

up to a 9<sup>th</sup> – Q-3

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## Cello (cont.)

Reversed Position – lowered number finger on higher string



P5 – 1-1 “bar”

d5, P4 – Any two adjacent fingers (1-2, 2-3, 3-4)

P4, M3 – Skipping a finger (1-3, 2-4)

M3, m3 – 1-4

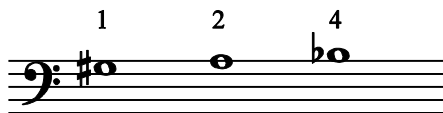
Thumb Position

d5, P4, M3 – Q-1

up to a unison – Q-3

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## Double Bass



Thumb position starts around a 10<sup>th</sup> above the open string