

Nyckelharpa - Double Octave Silverbasharpa in D (Lefthand)

(for a Righthand model you have to mirror the headstock, string seat and bridge, tailpiece, keys and the position of the sound post and bass bar)

Drone Switches for G-D, A-D, B-b

Bass Drone in D (Contrabass E String)

Sympathetic String in G (Mandola String in G)

Sympathetic String in A (Mandola String in G)

Tenor Drone in D (Cello C String)

Melody String in D (Cello D String)

Melody String in D (Viola D String)

Sympathetic String in C# (Mandola String in D)

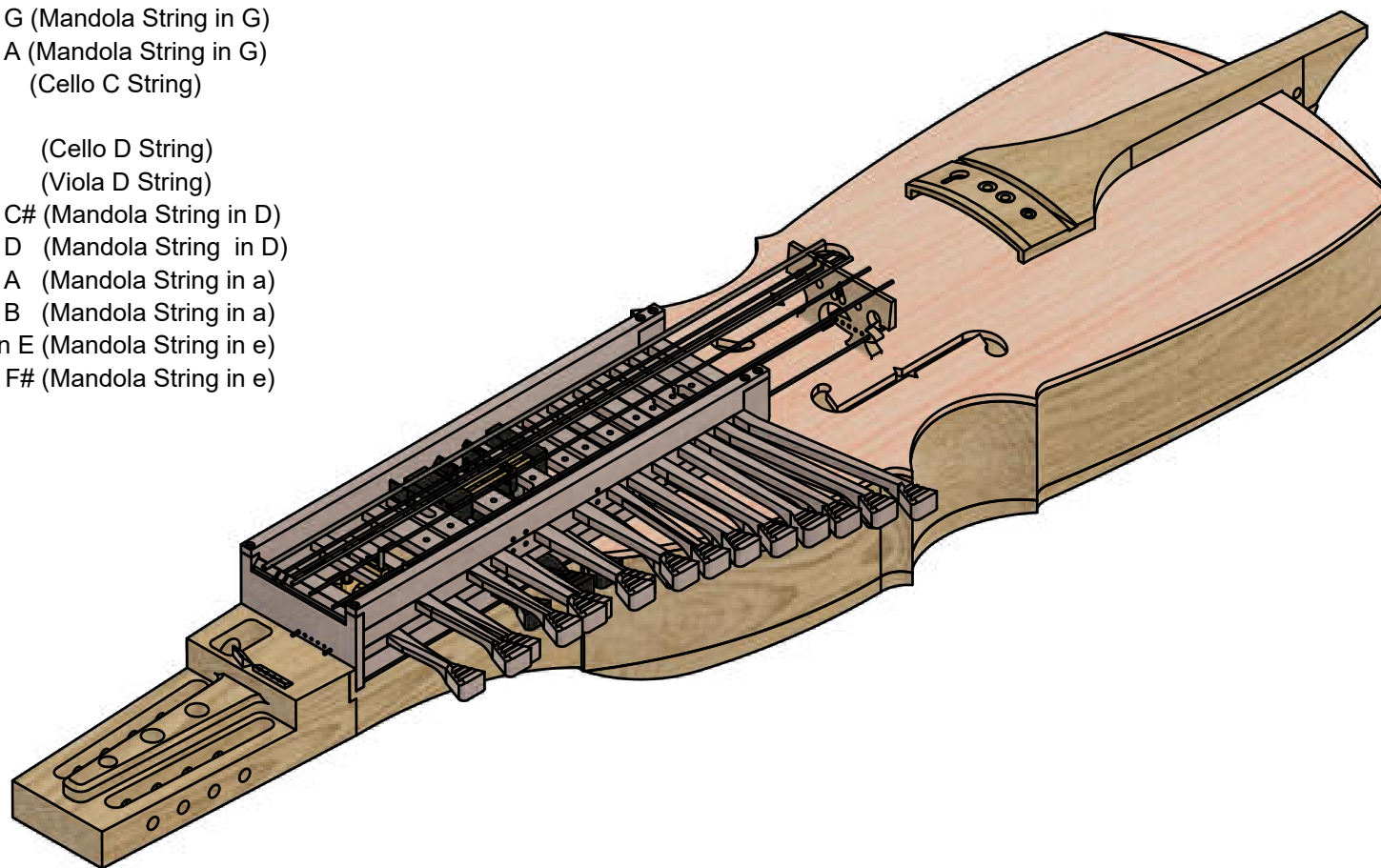
Sympathetic String in D (Mandola String in D)

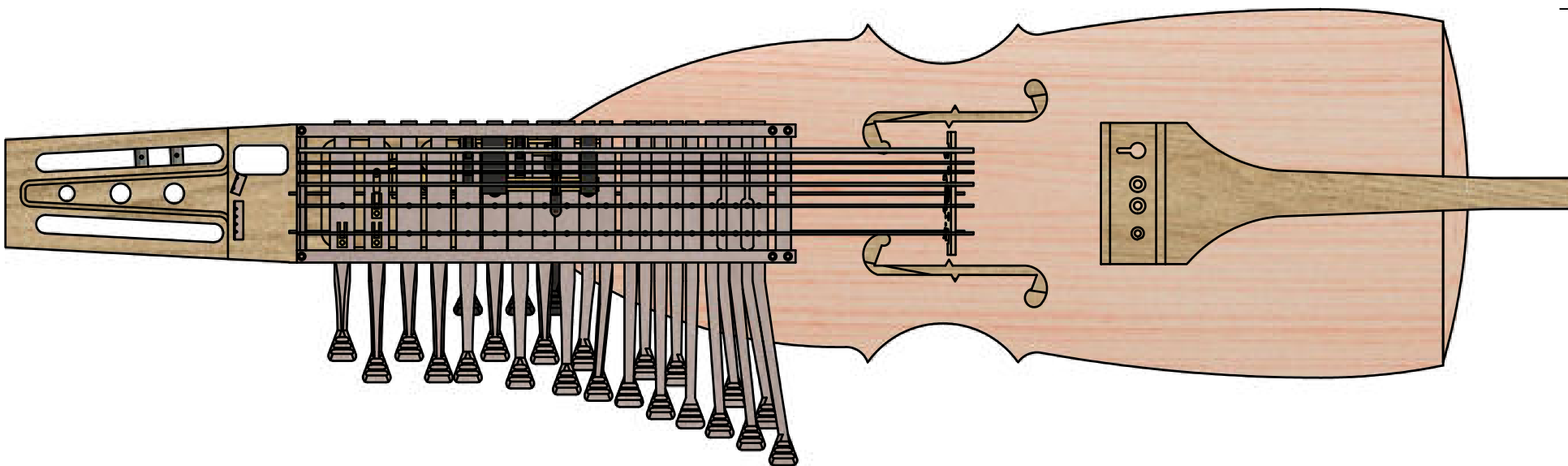
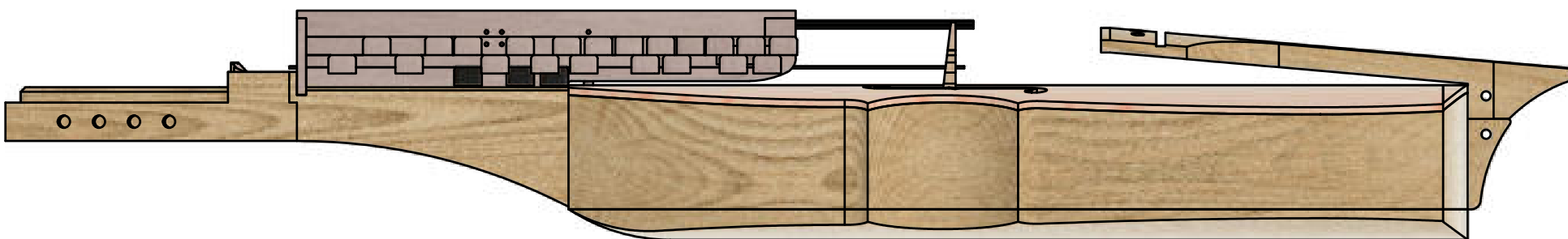
Sympathetic String in A (Mandola String in a)

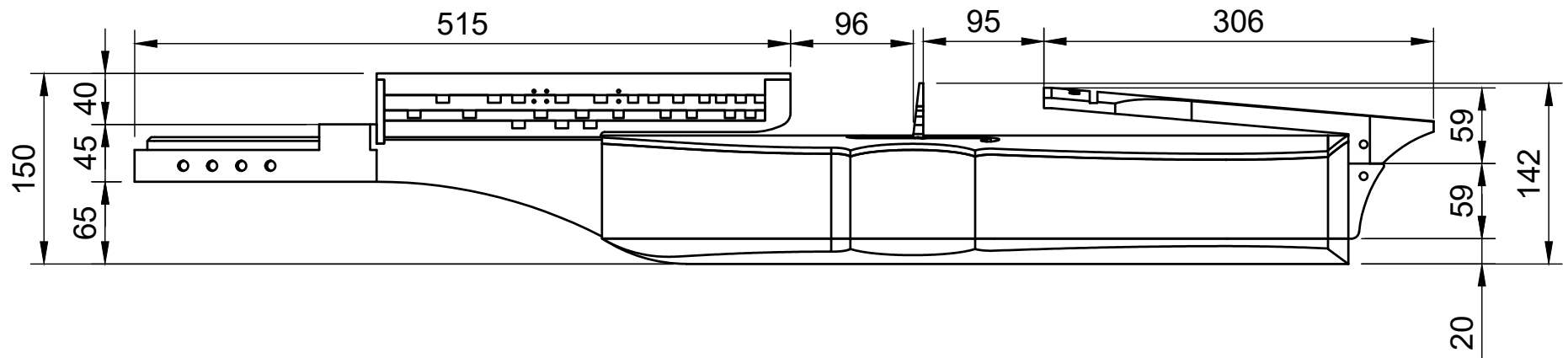
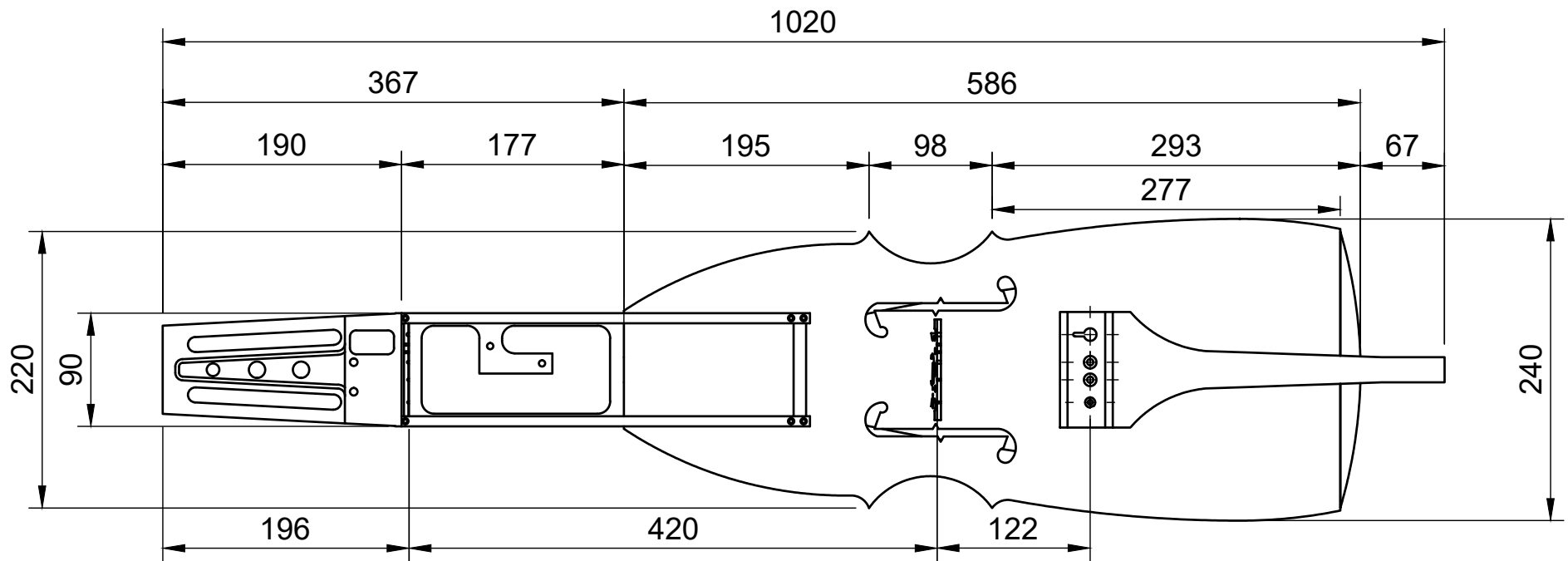
Sympathetic String in B (Mandola String in a)

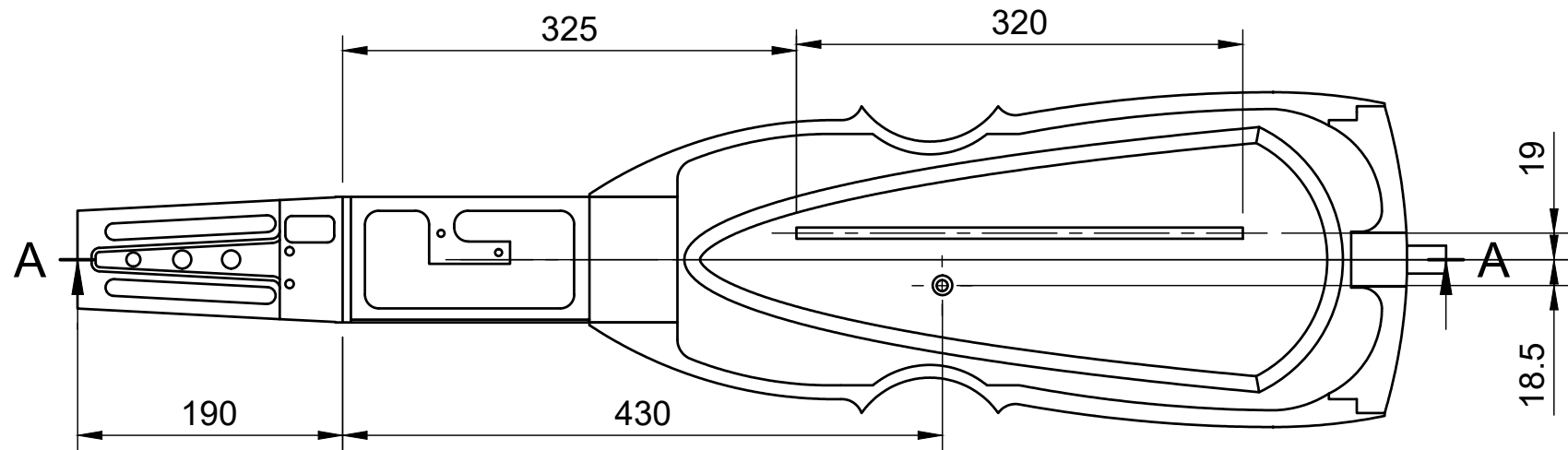
Sympathetic String in E (Mandola String in e)

Sympathetic String in F# (Mandola String in e)

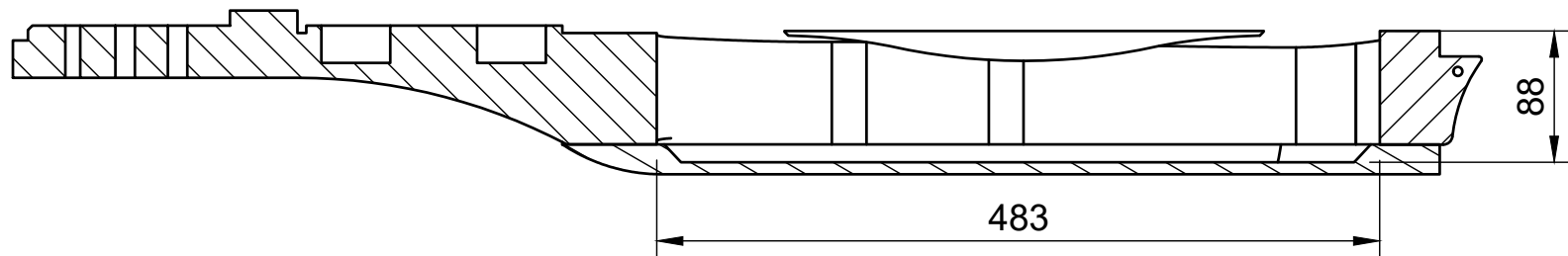




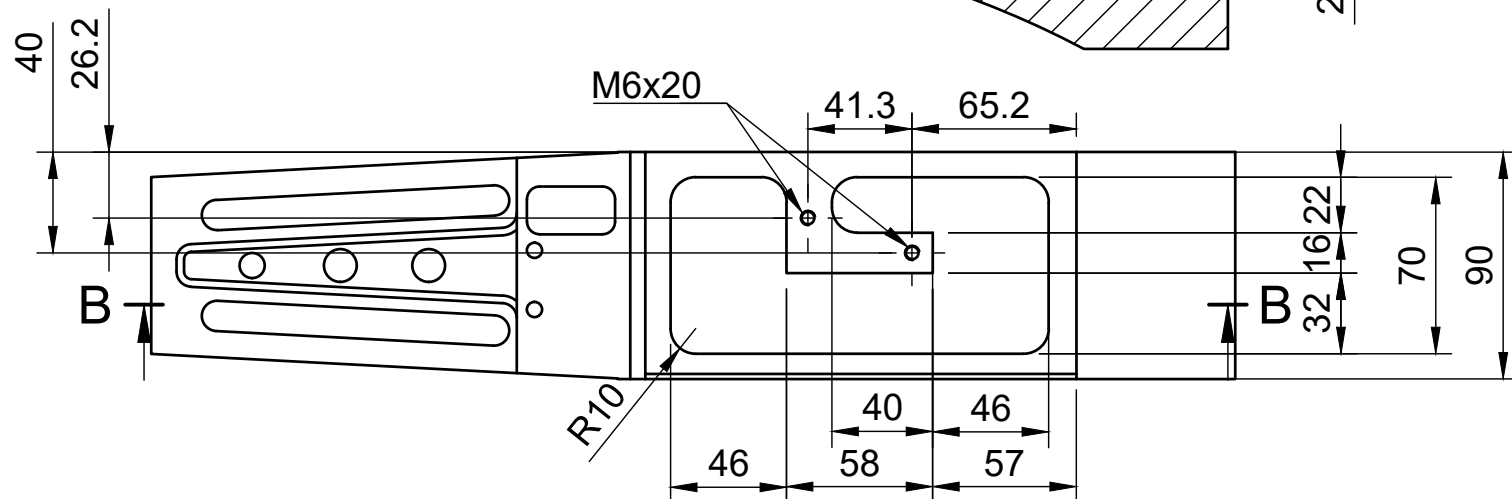
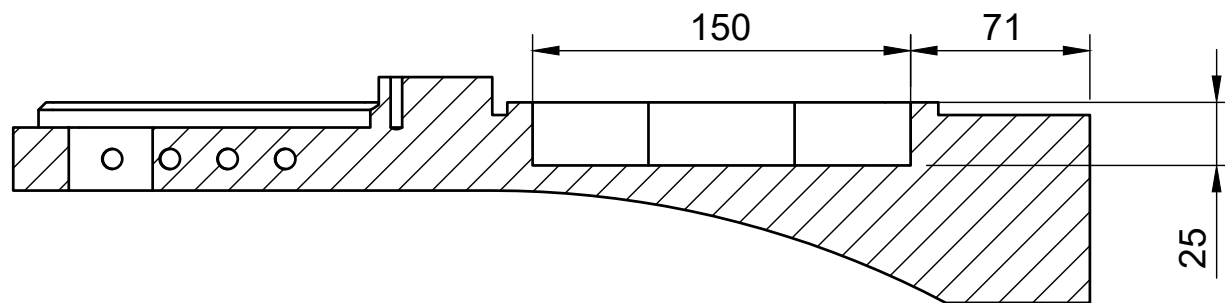
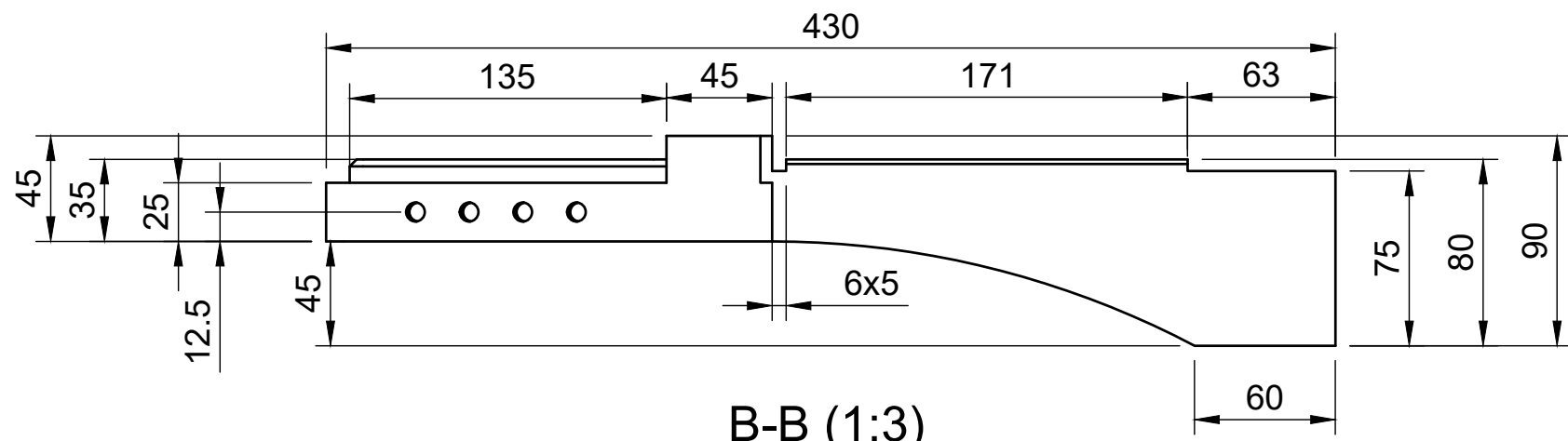




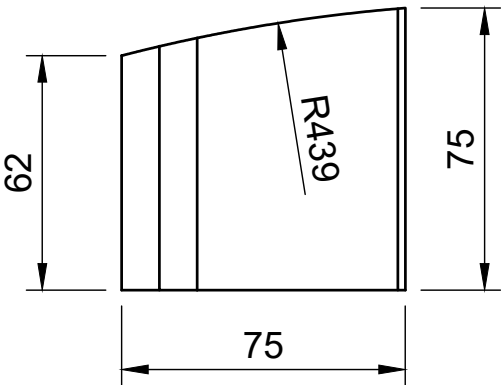
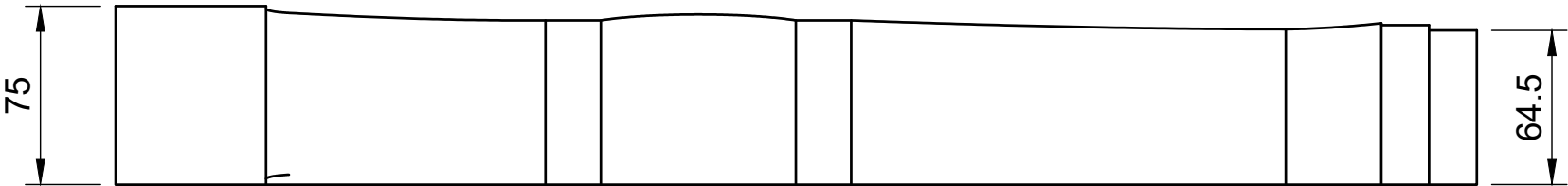
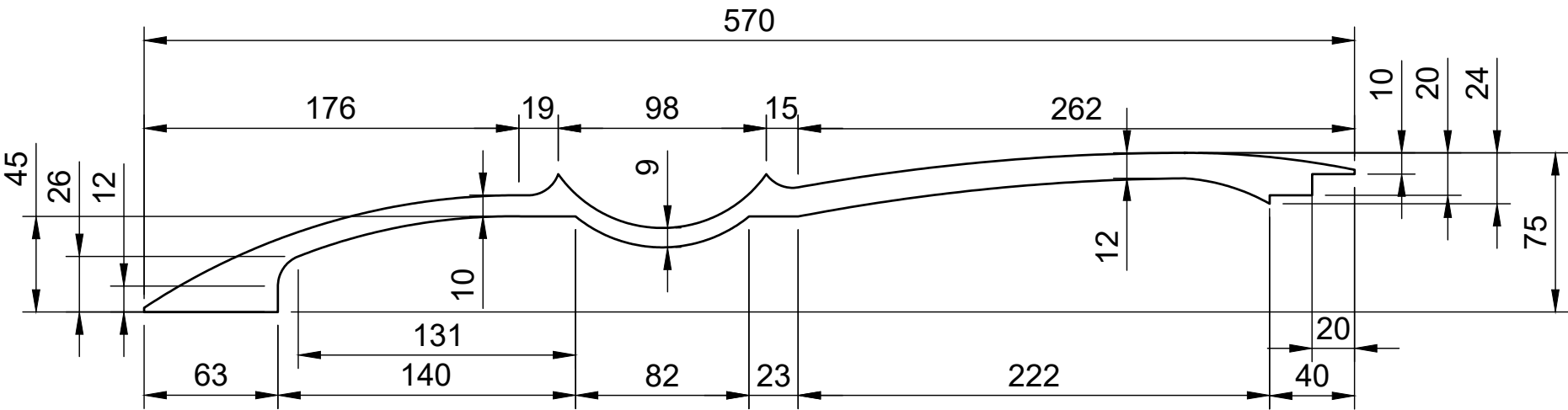
A-A (1:5)

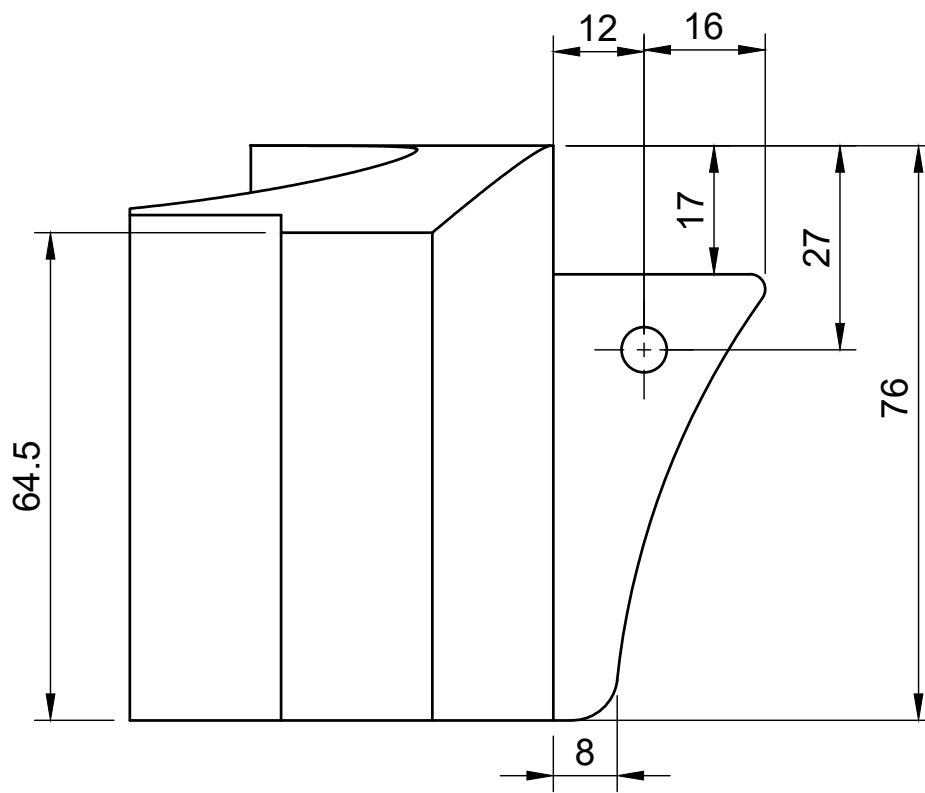
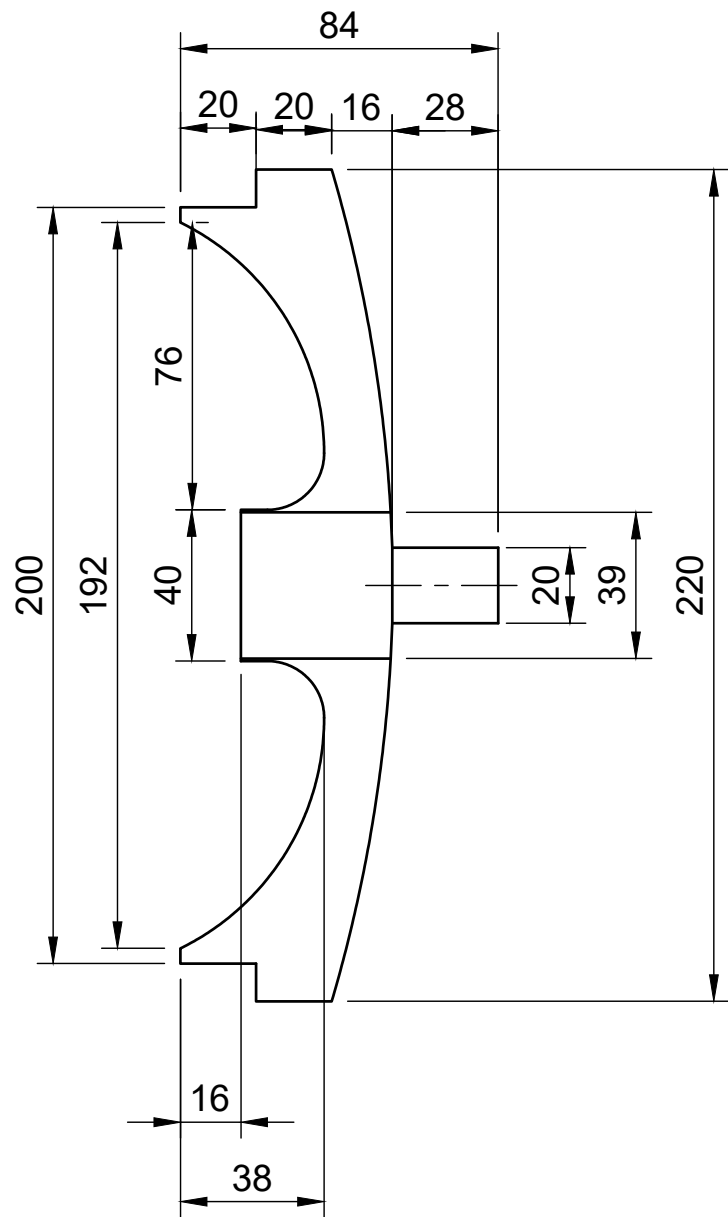


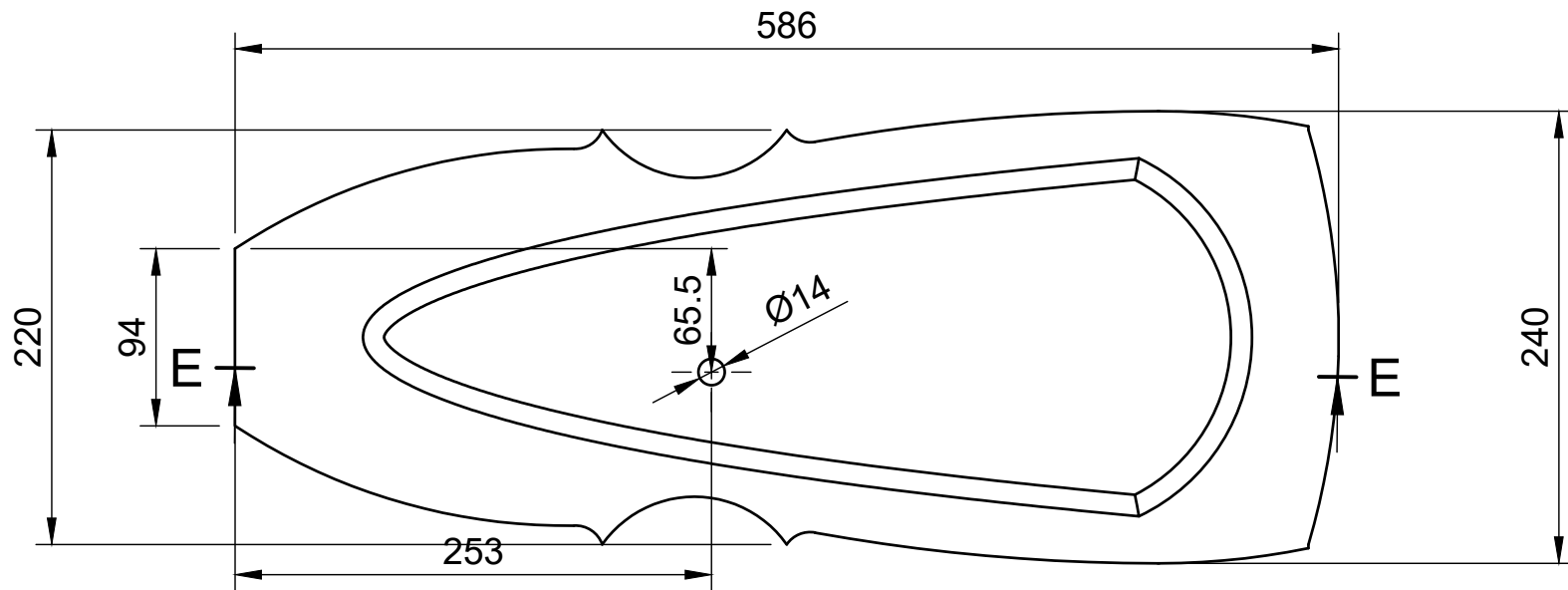
* Bottom is fully carved to the inner geometry in curve to 10mm depth and not parabolic like this graphic



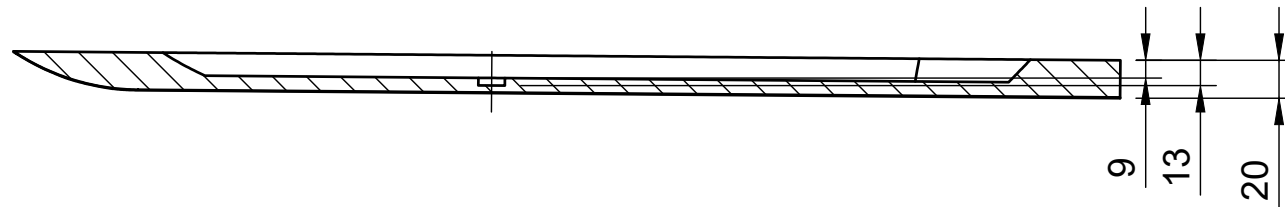
Left side wall (mirroring for right one)



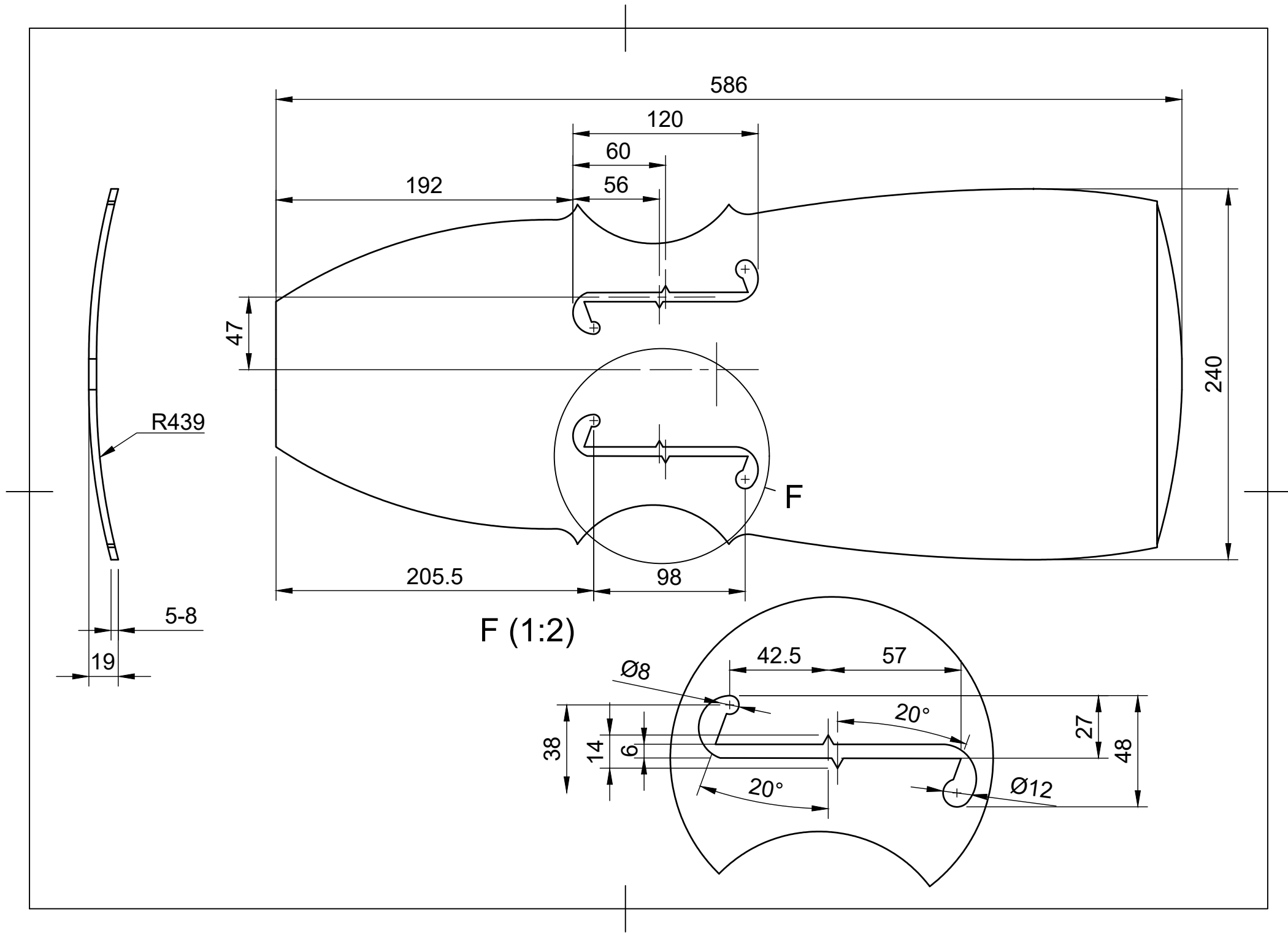


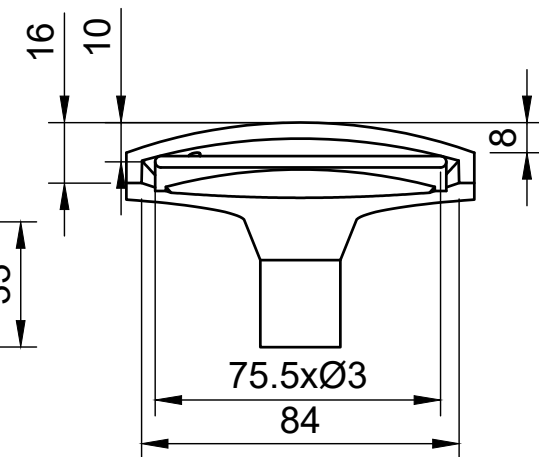
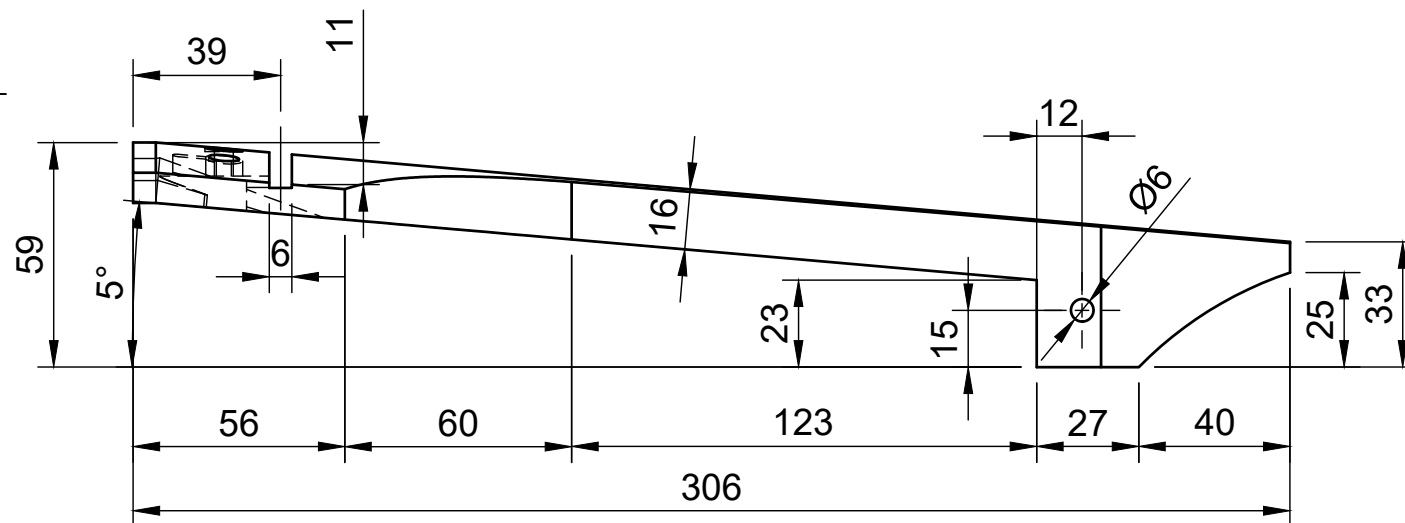
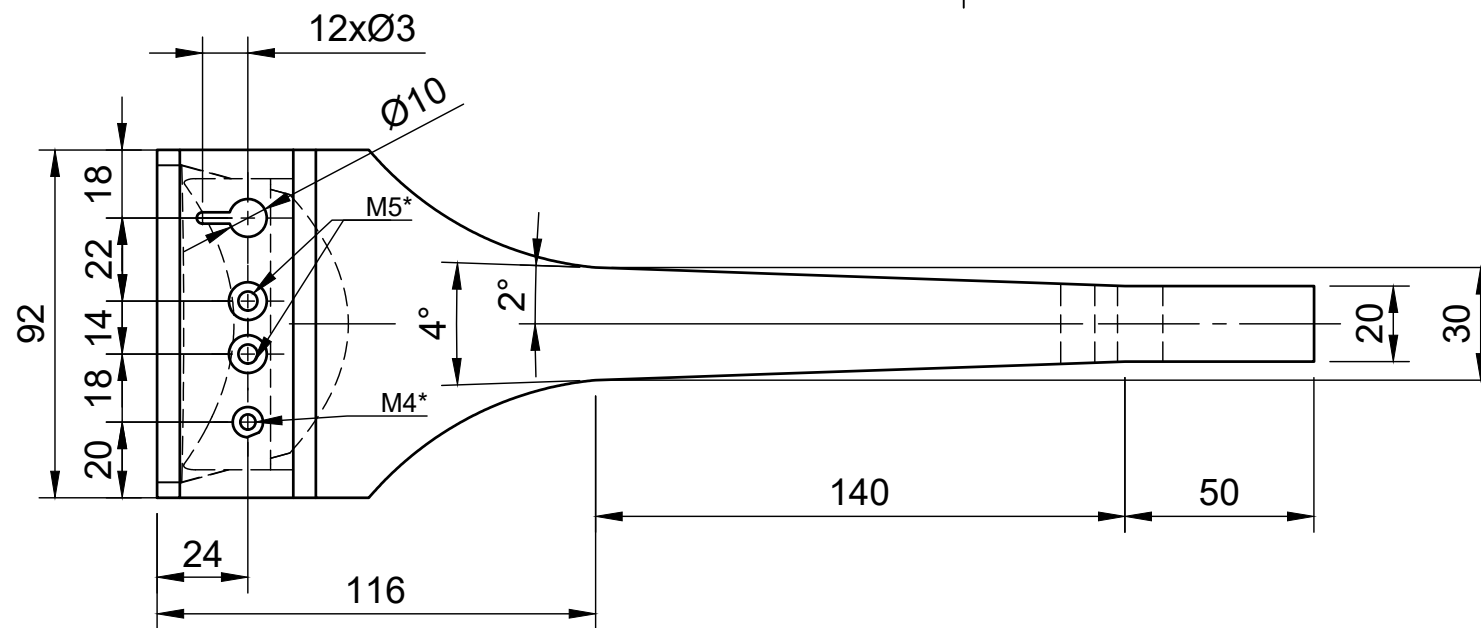


E-E (1:4)

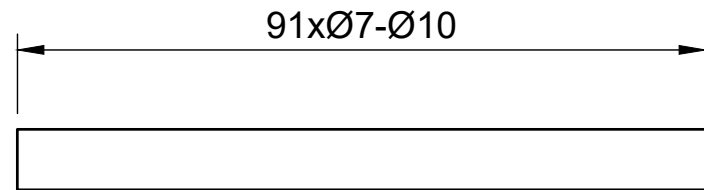
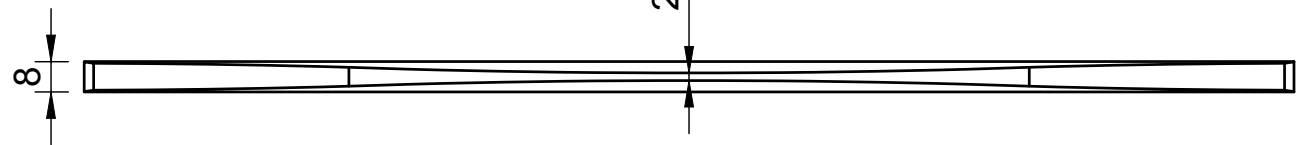
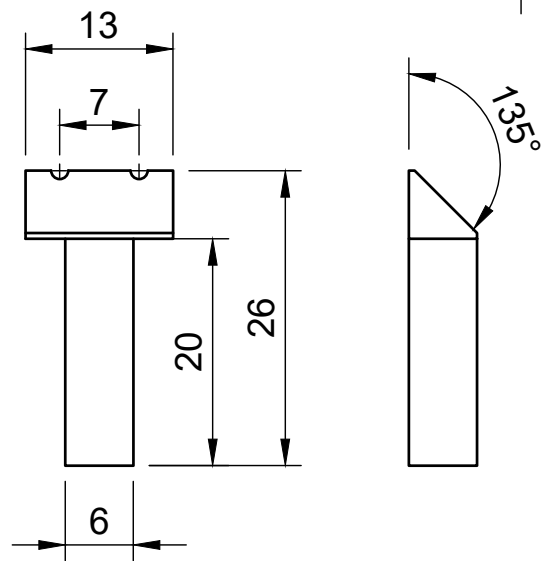
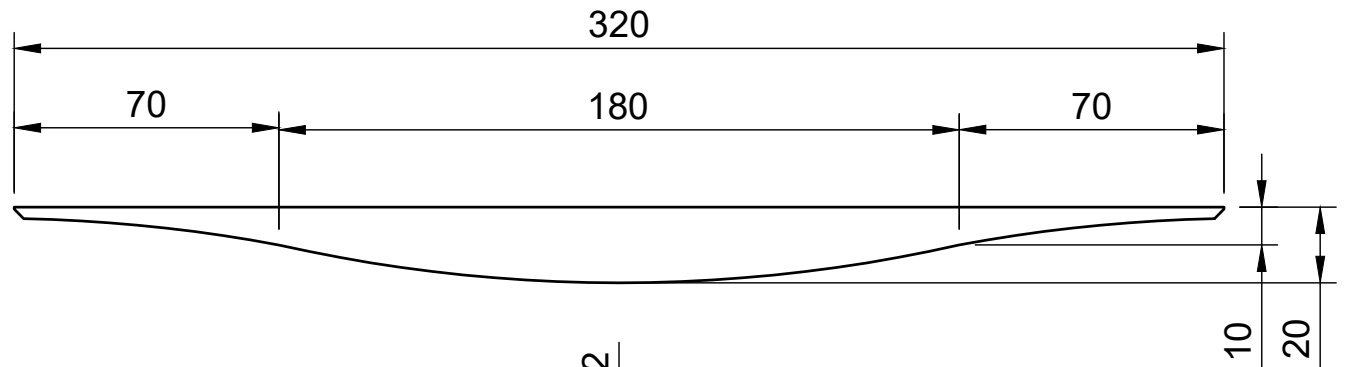
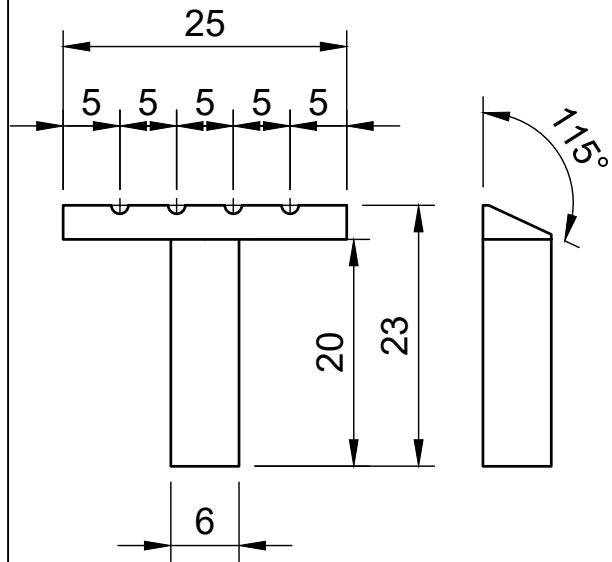


*Copy the sides and back wall



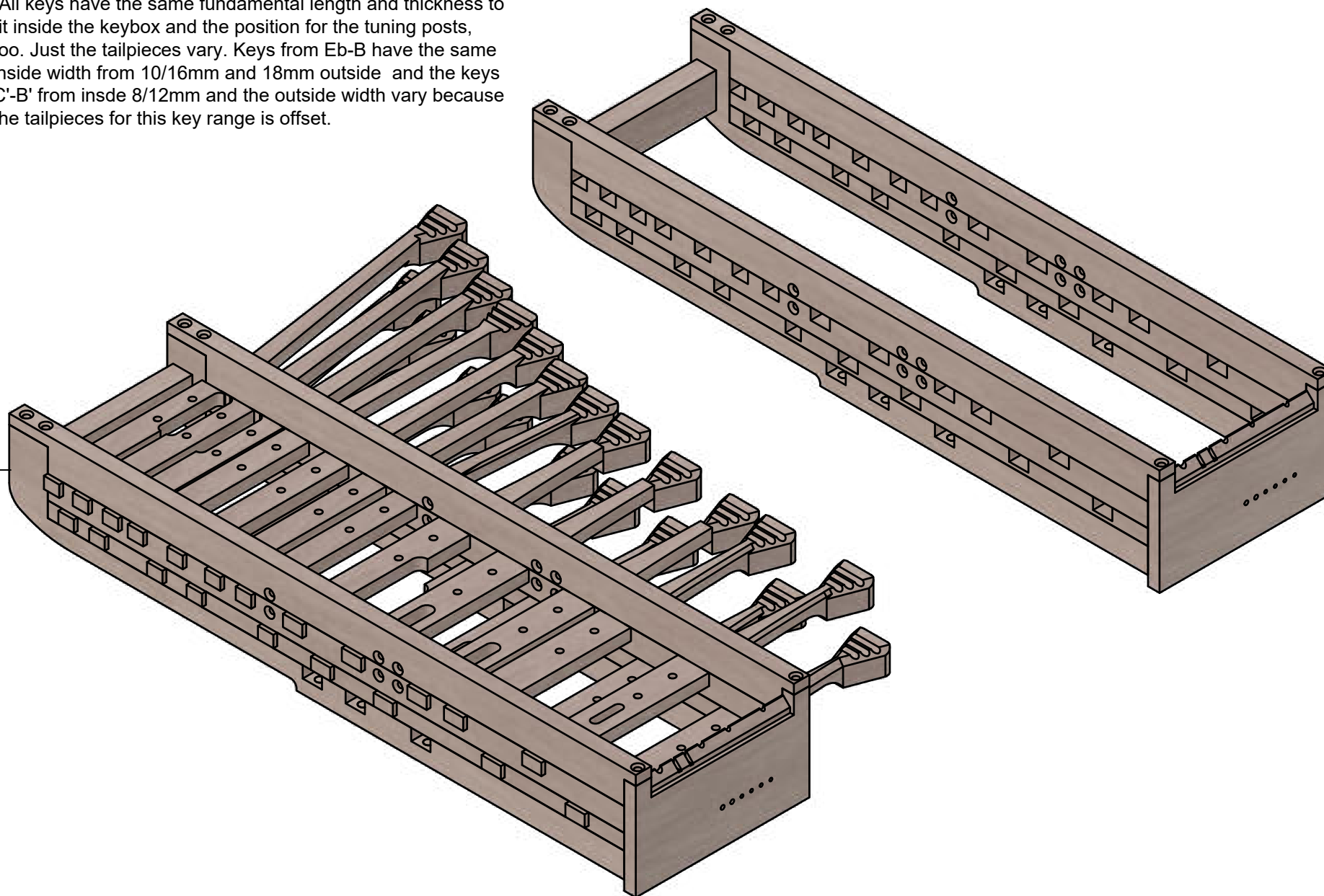


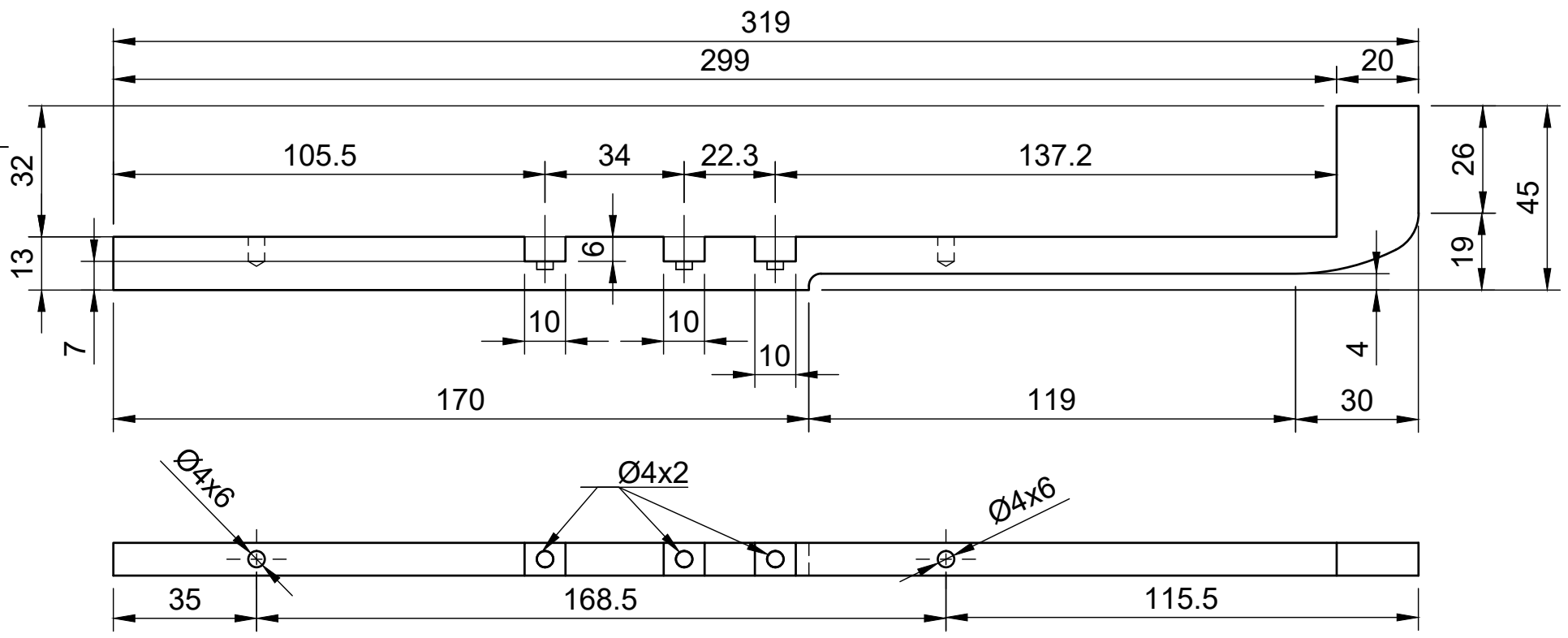
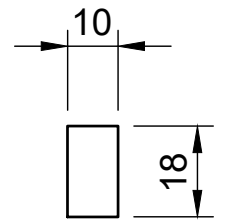
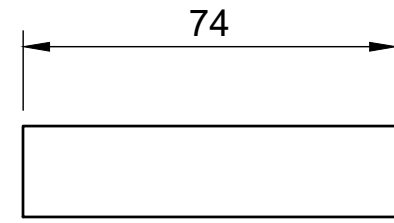
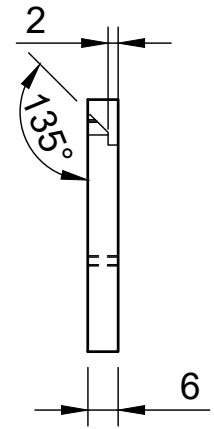
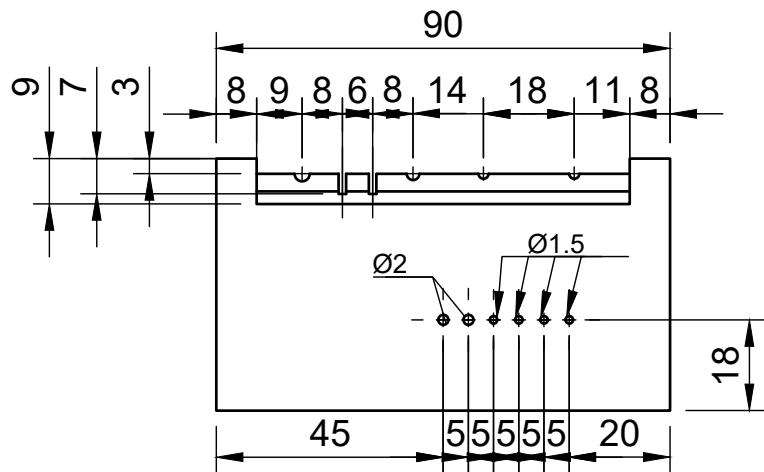
*Threads for Viola and Cello Fine Tuners (maybe can vary)

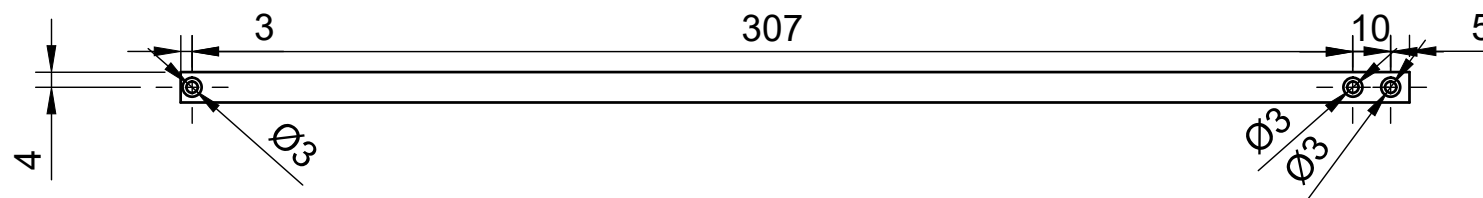
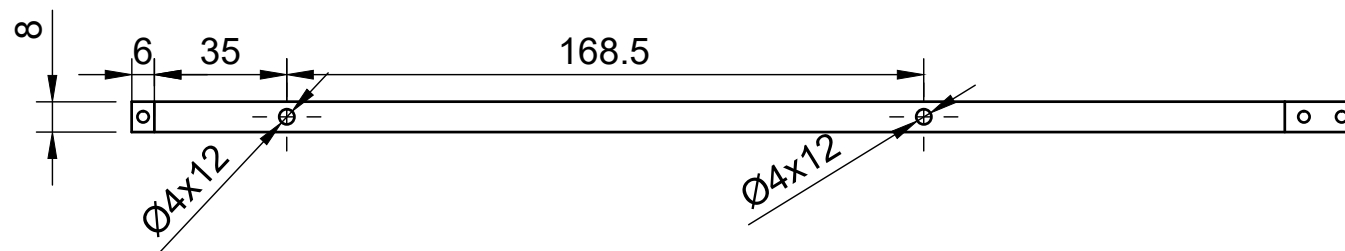
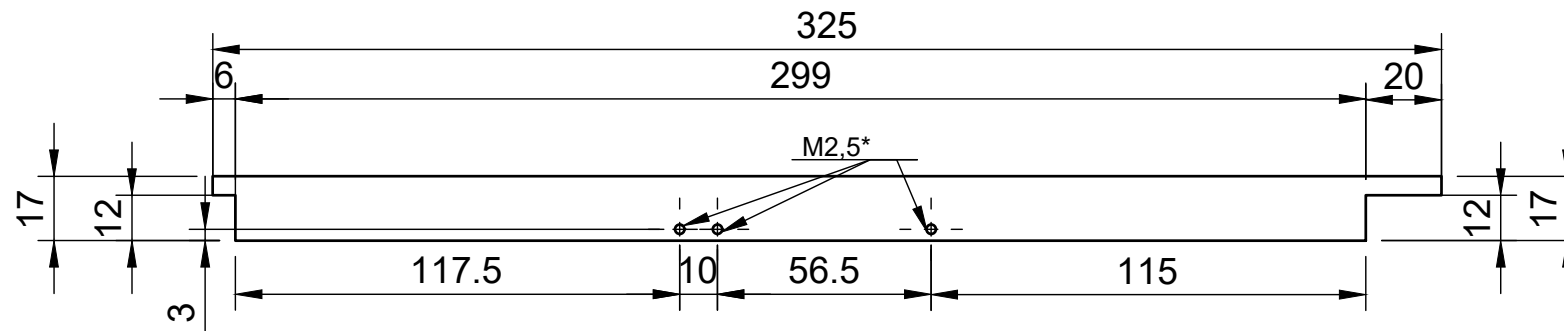


Notice:

All keys have the same fundamental length and thickness to fit inside the keybox and the position for the tuning posts, too. Just the tailpieces vary. Keys from Eb-B have the same inside width from 10/16mm and 18mm outside and the keys C'-B' from inside 8/12mm and the outside width vary because the tailpieces for this key range is offset.

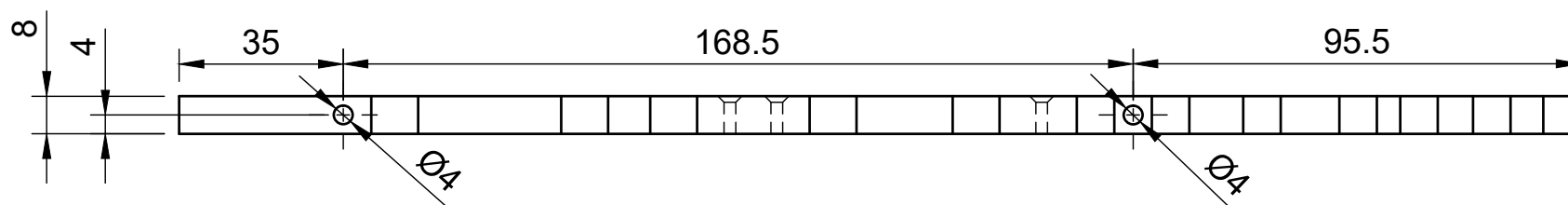
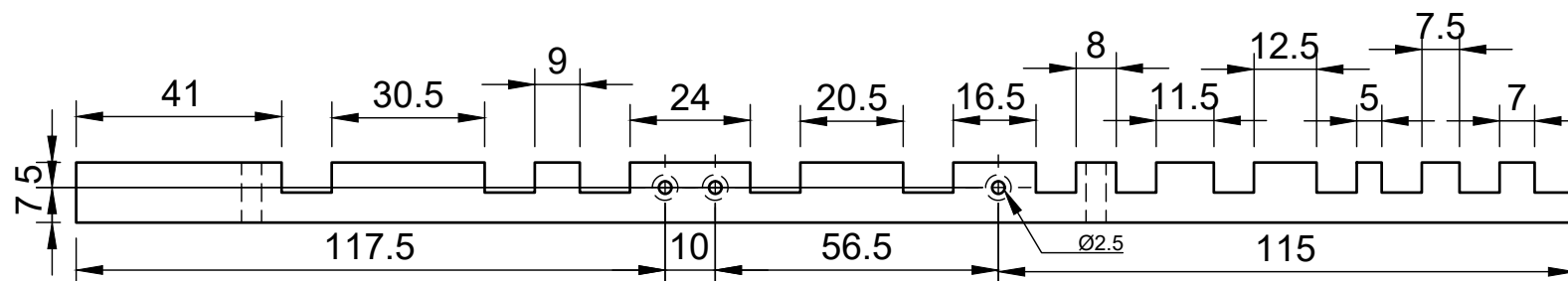
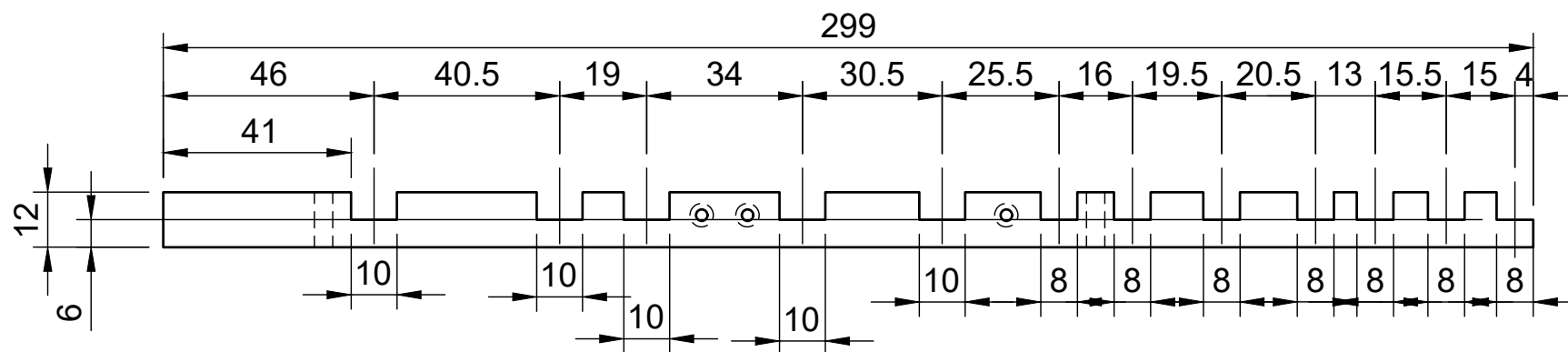


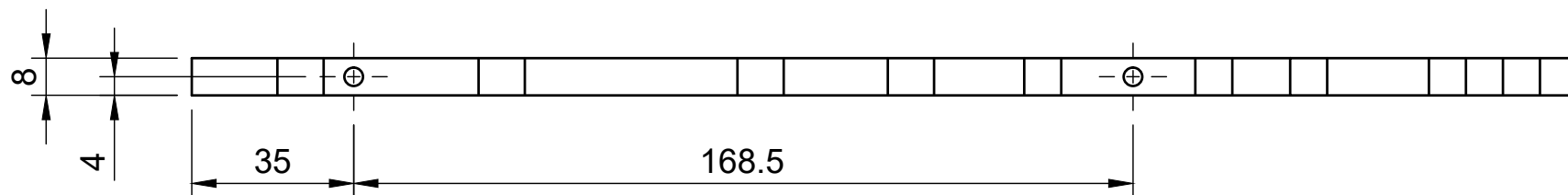
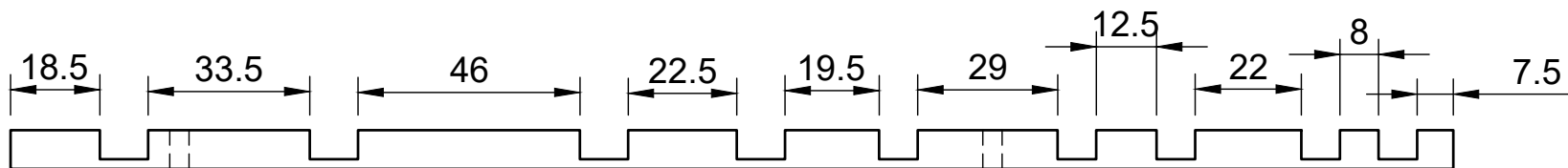
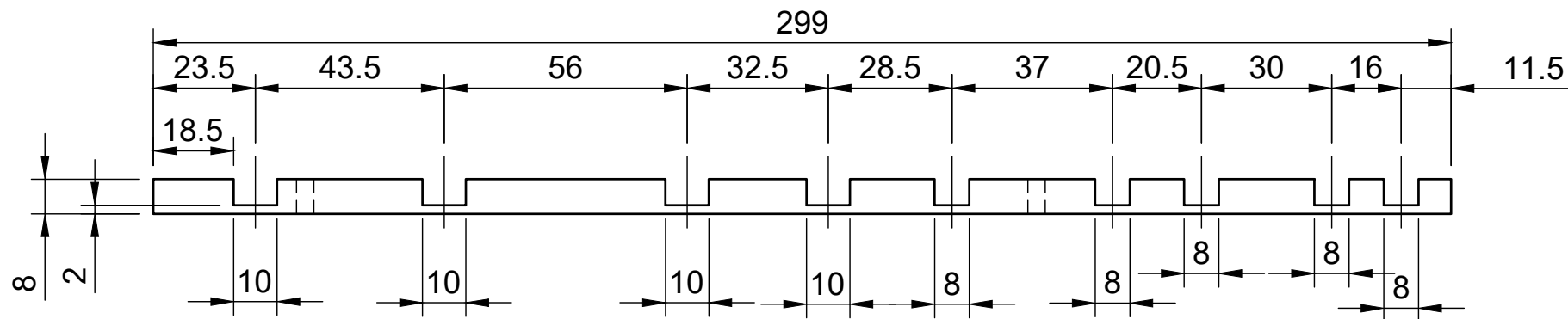




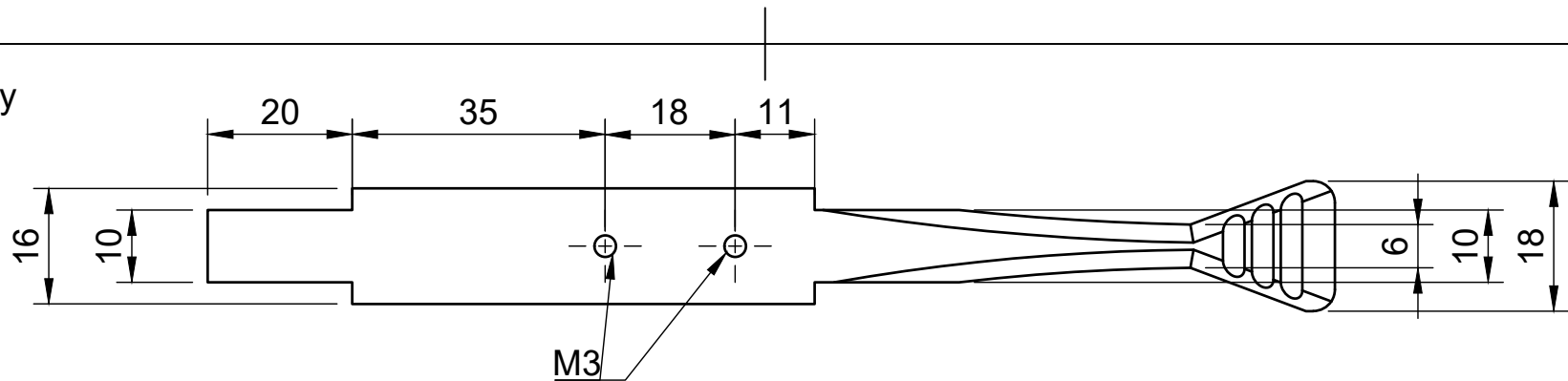
*only on the drone string side

Main key rod - D-major scale

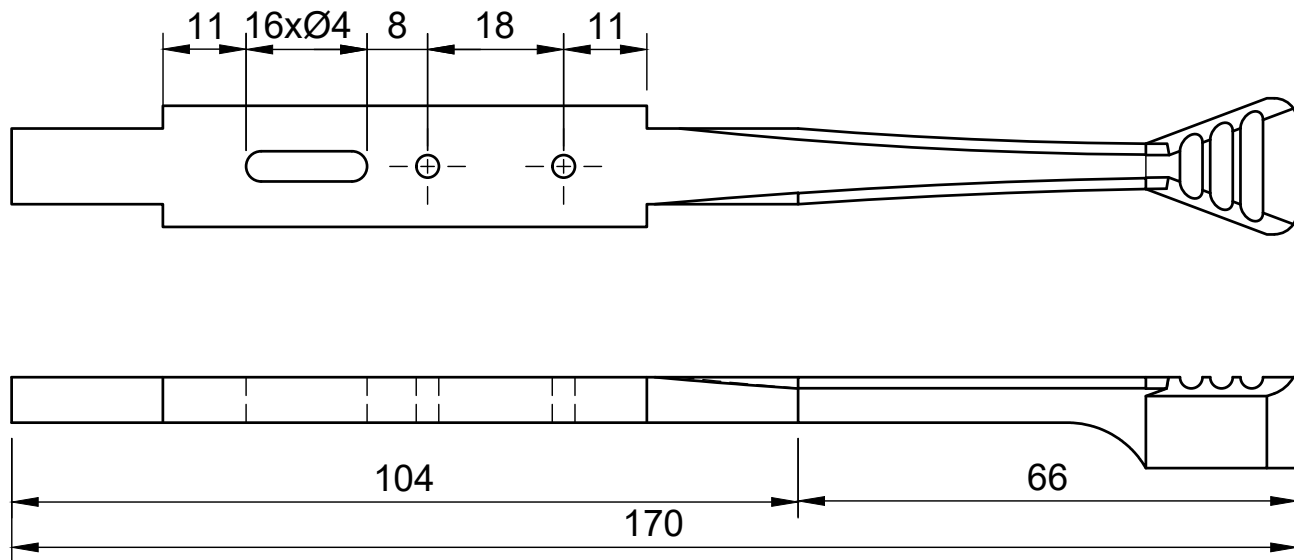




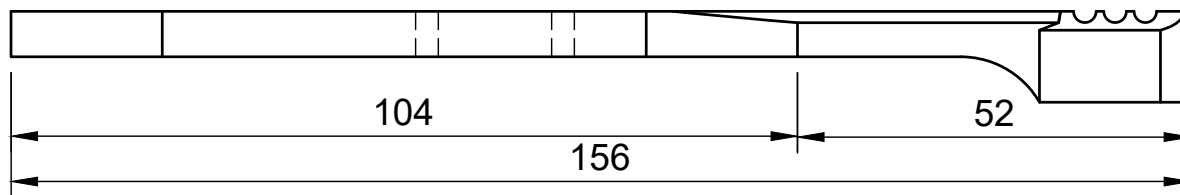
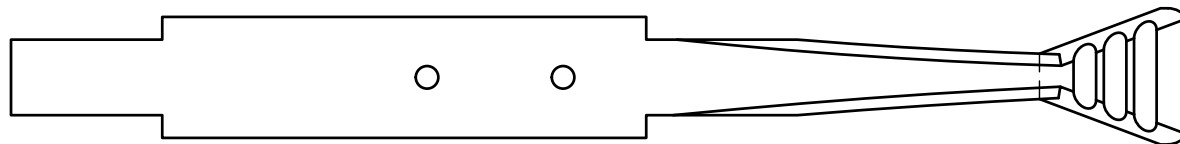
Eb Key



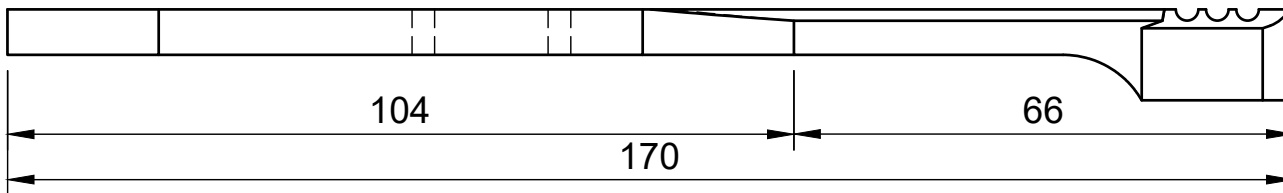
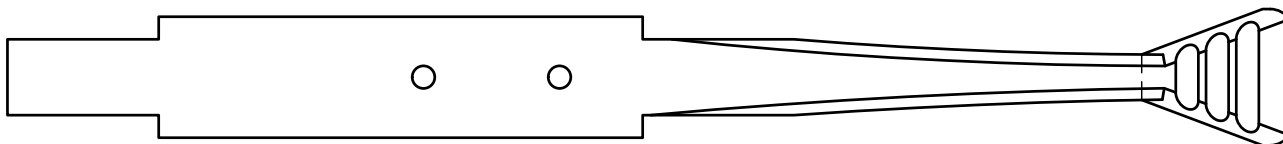
E key



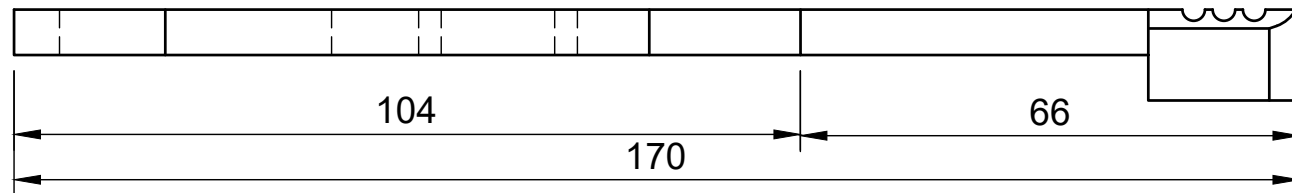
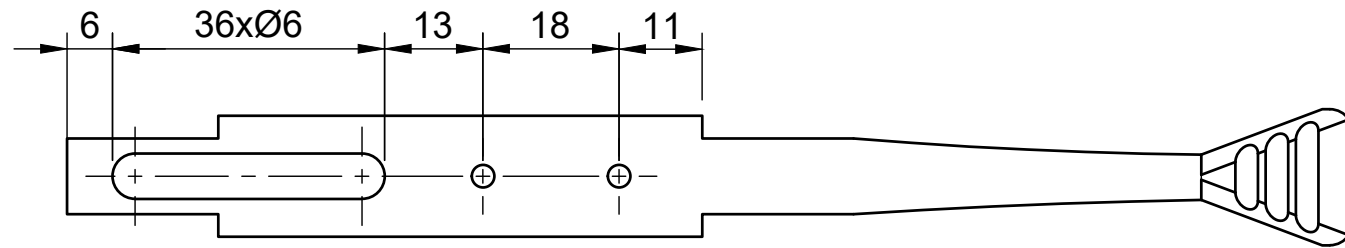
F Key



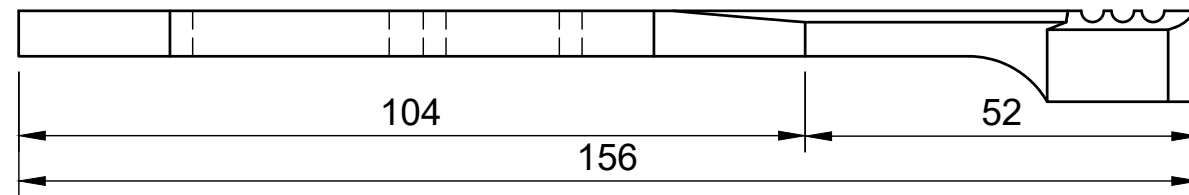
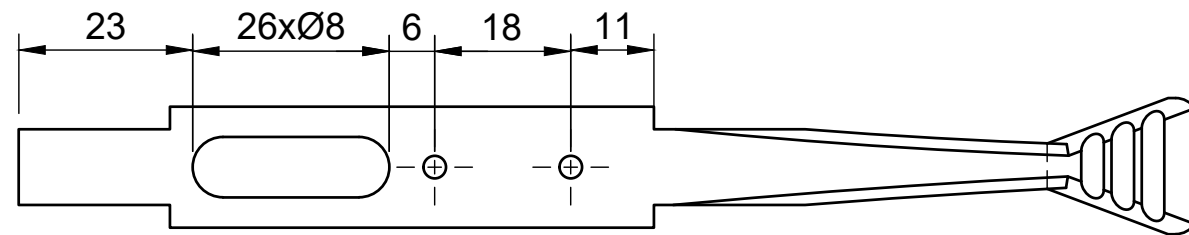
F# Key



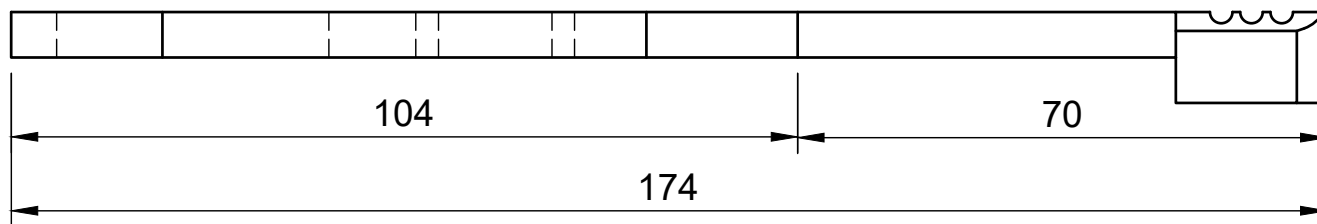
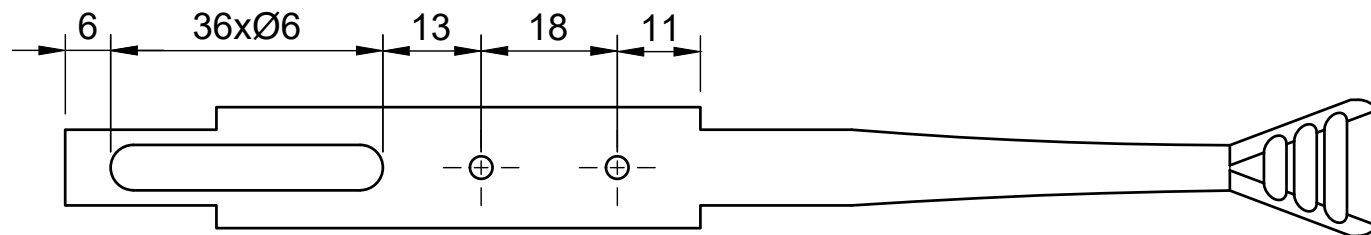
G Key



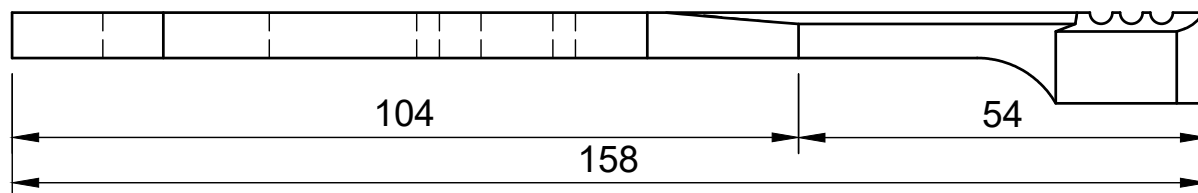
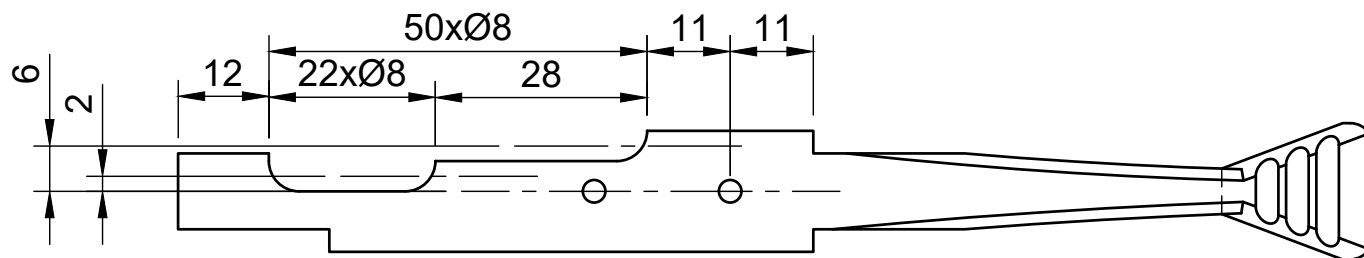
G# Key



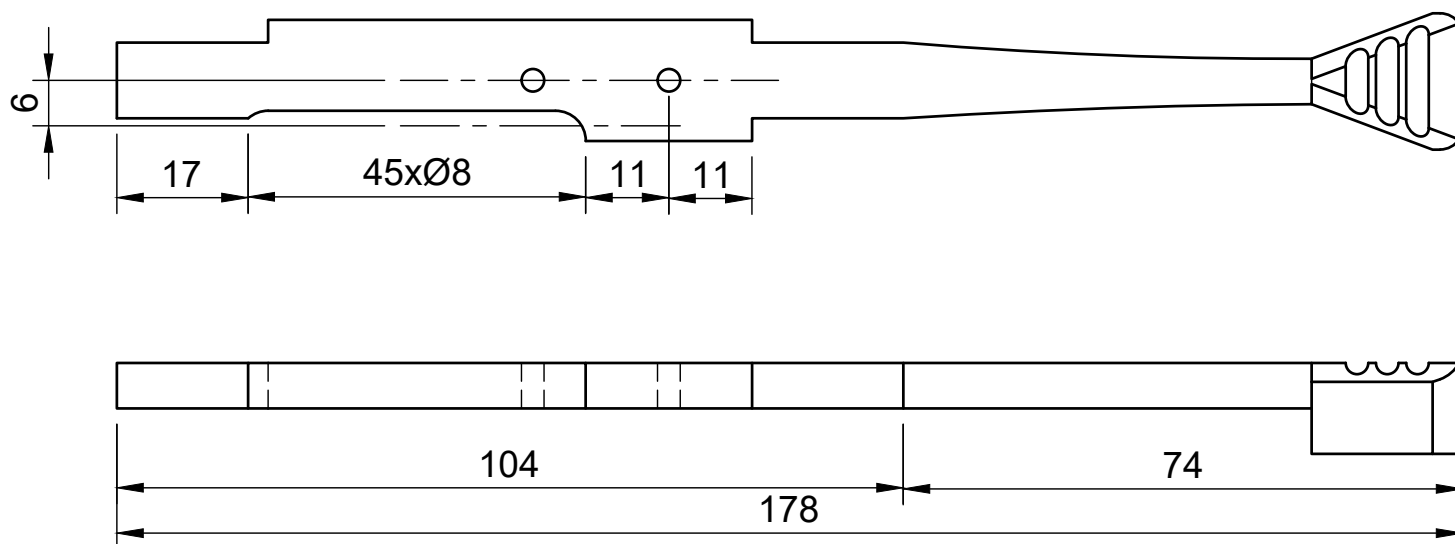
A Key



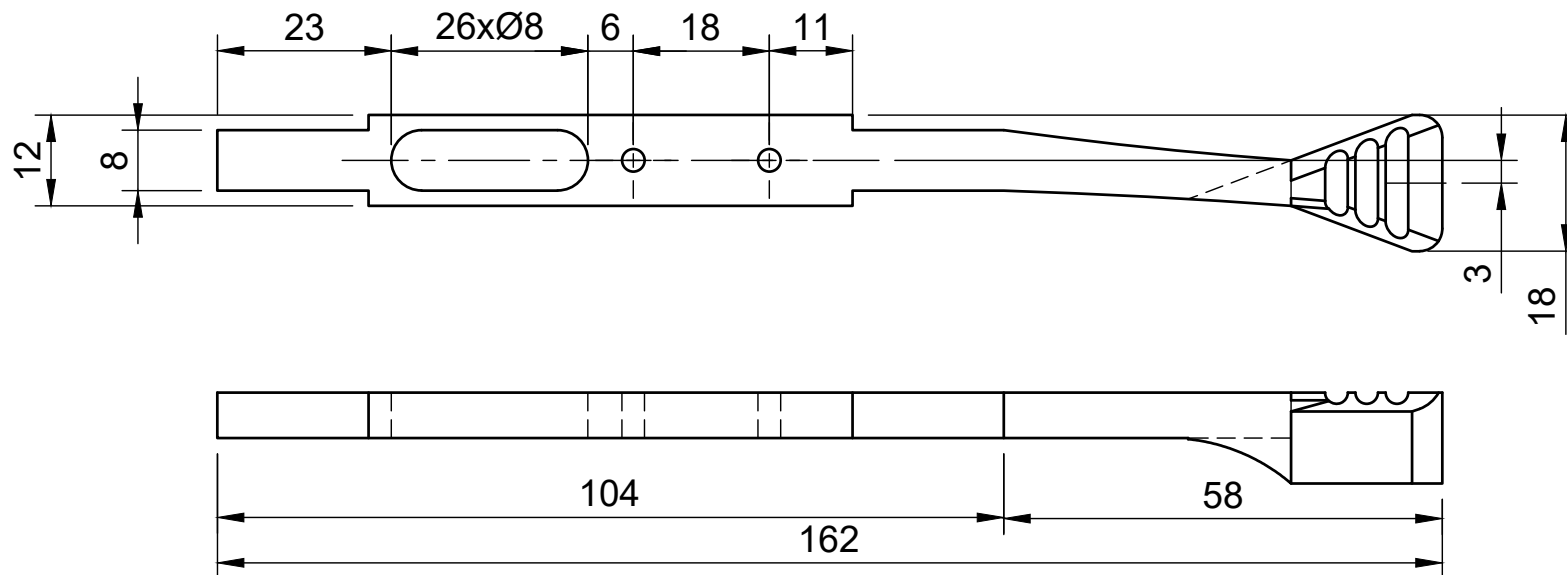
Bb Key



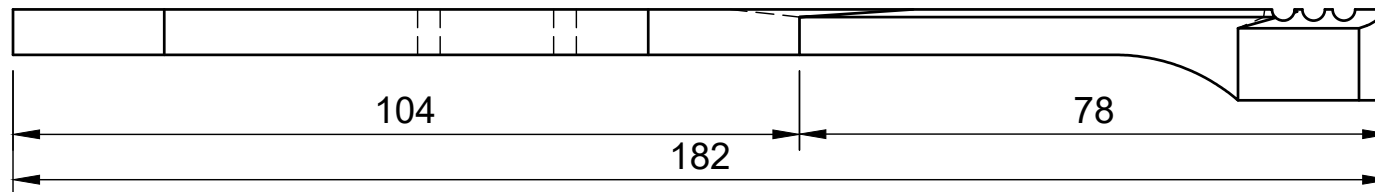
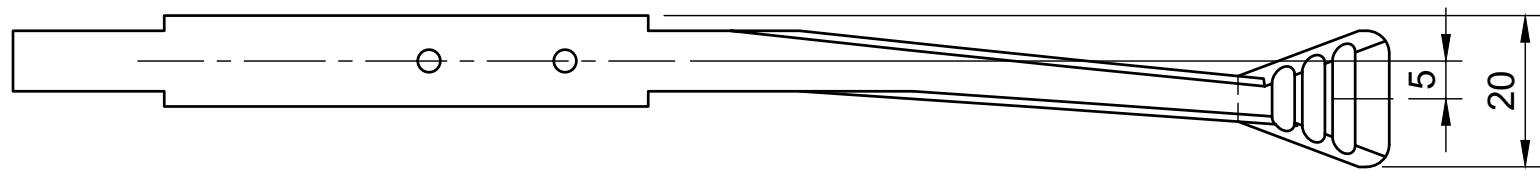
B Key



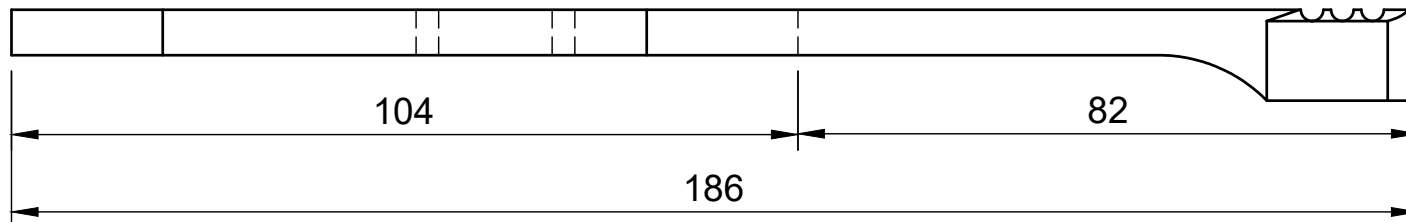
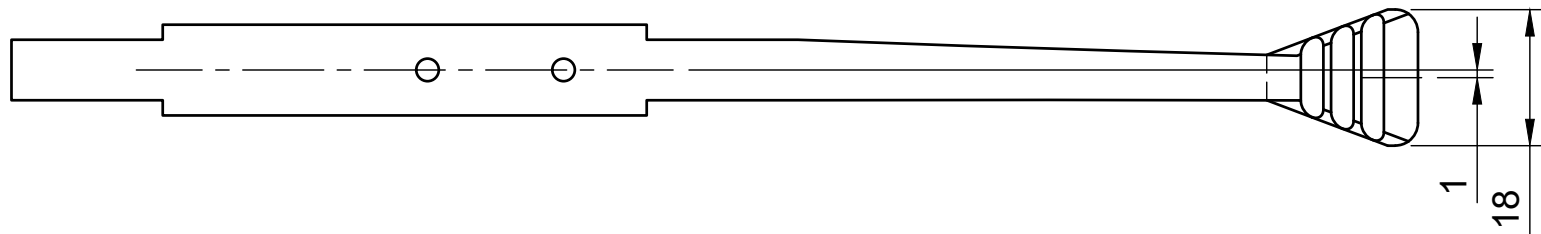
C' Key



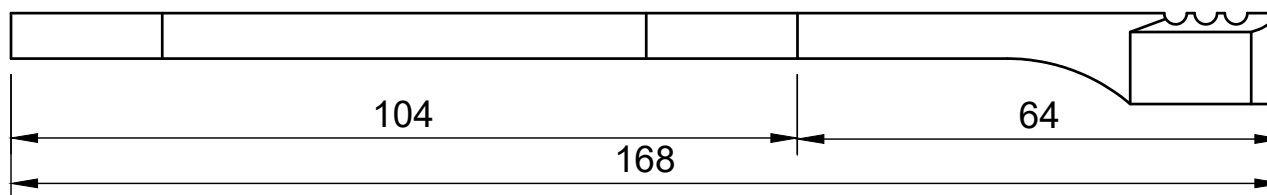
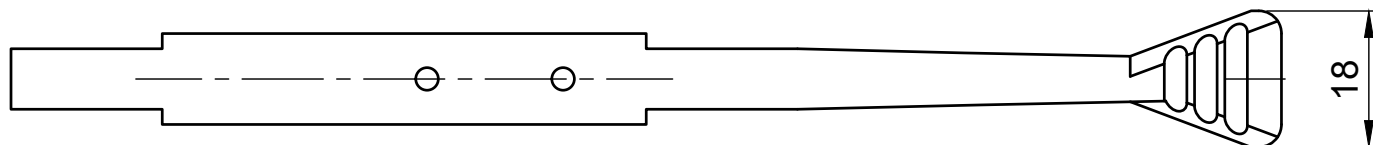
C# Key



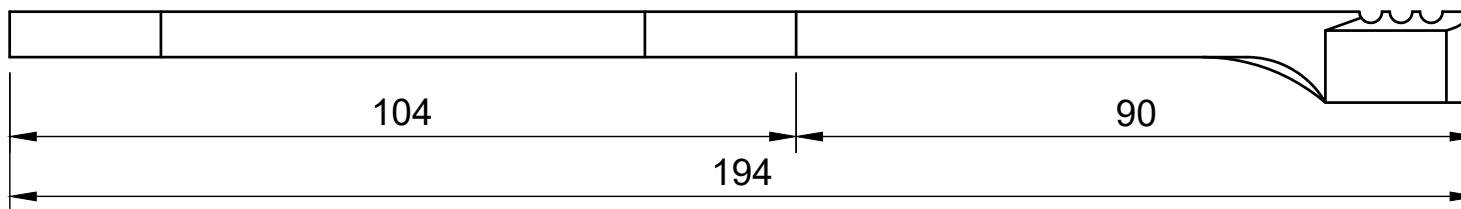
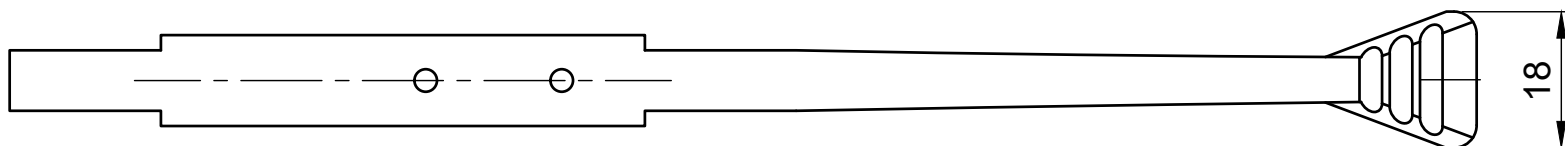
D' Key



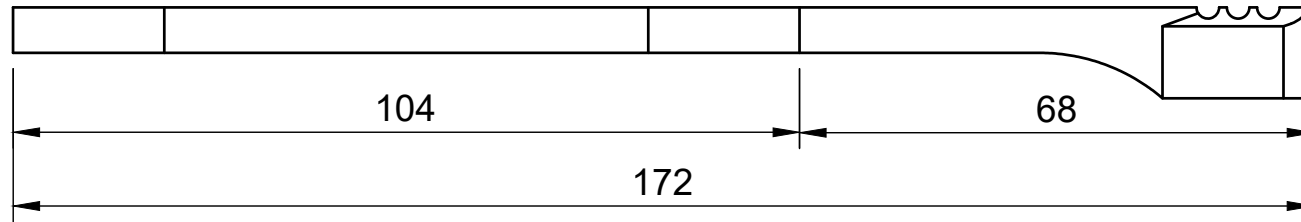
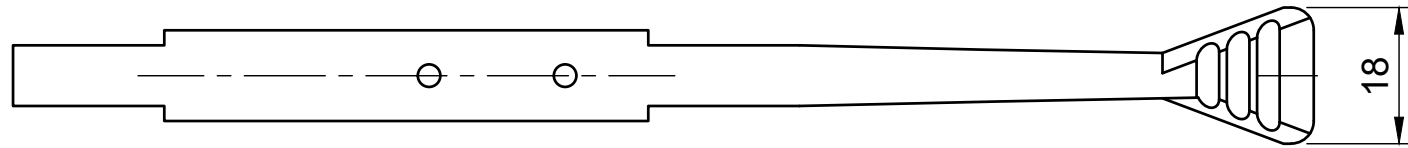
Eb' Key



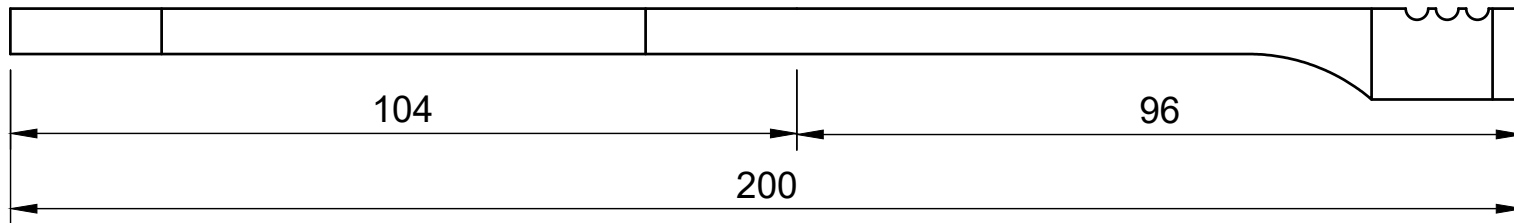
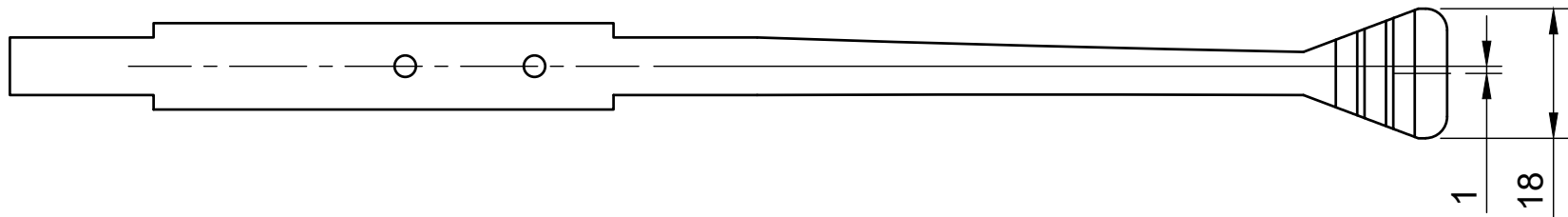
E' Key



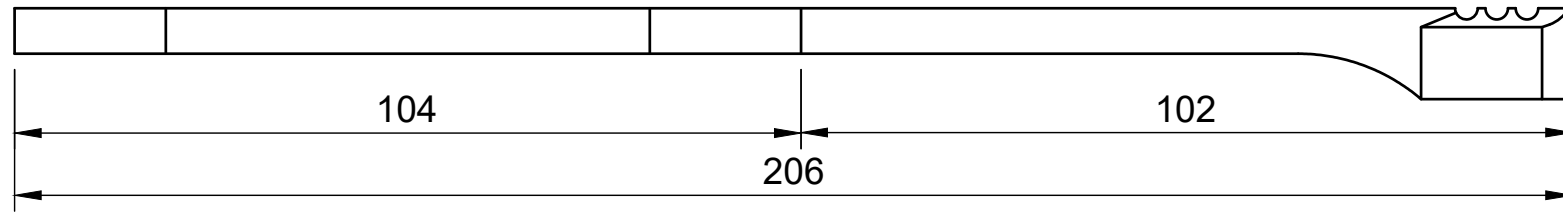
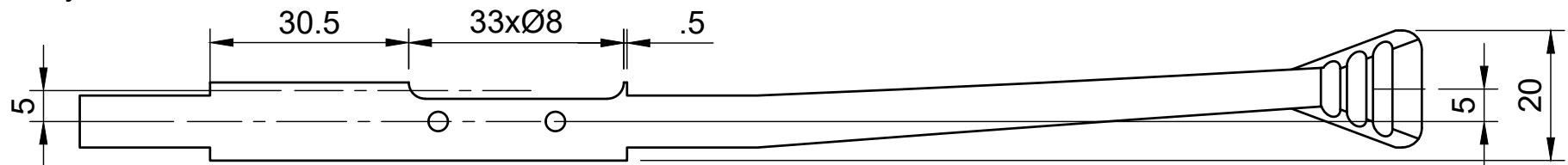
F' Key



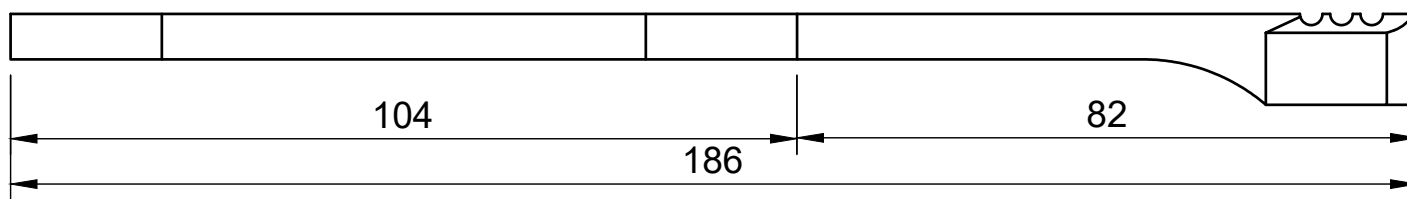
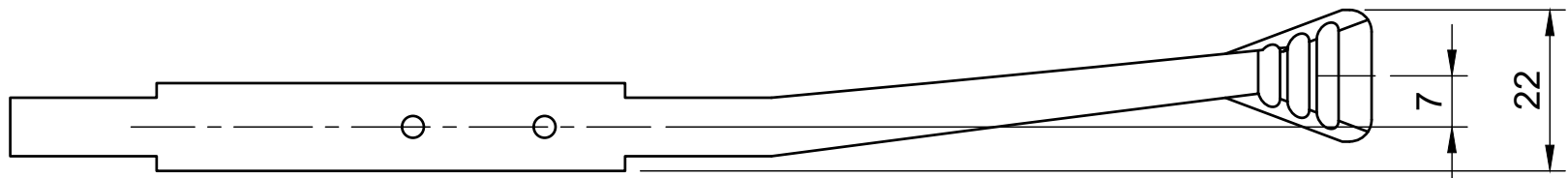
F# Key



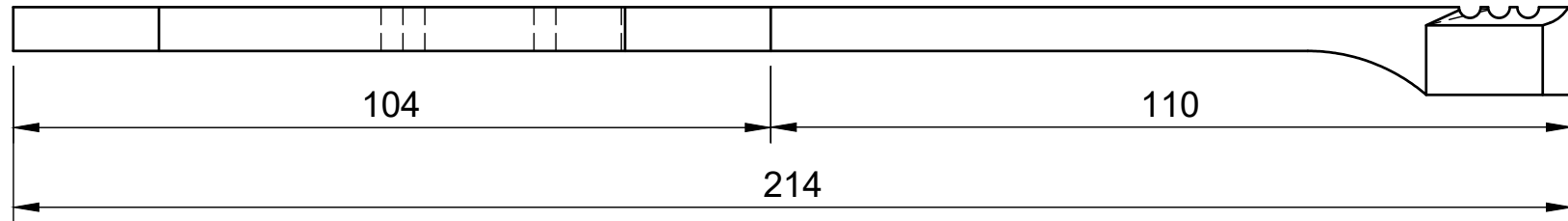
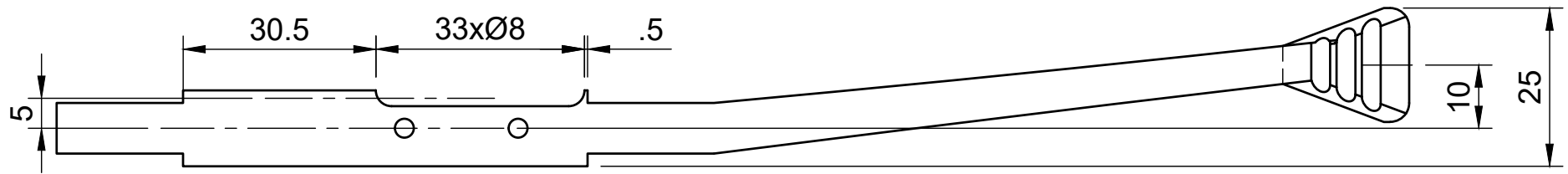
G' Key



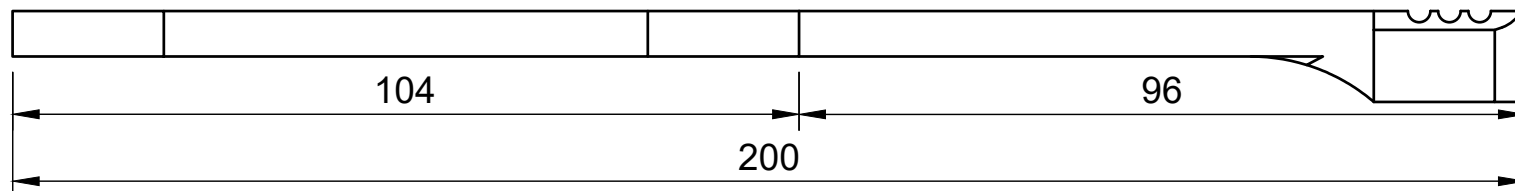
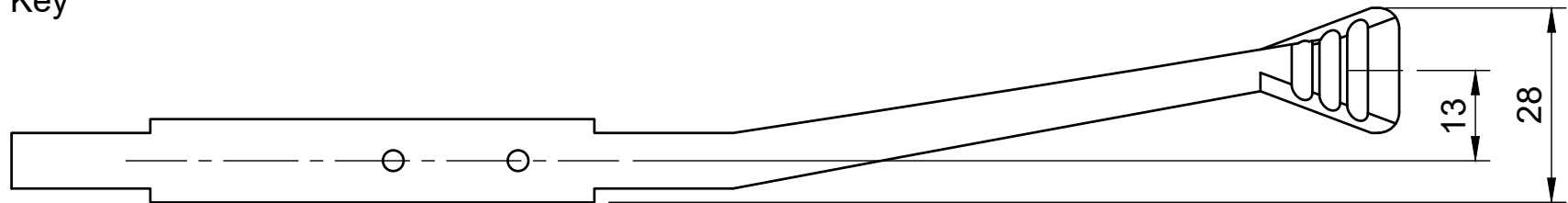
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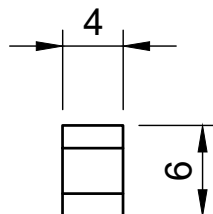
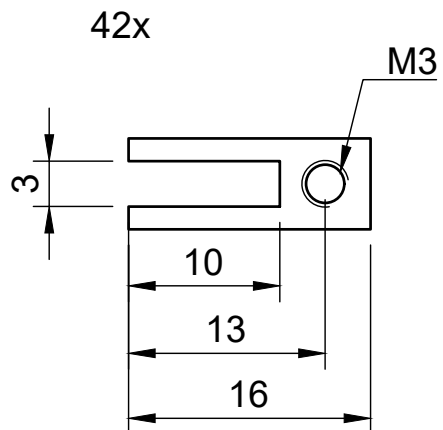
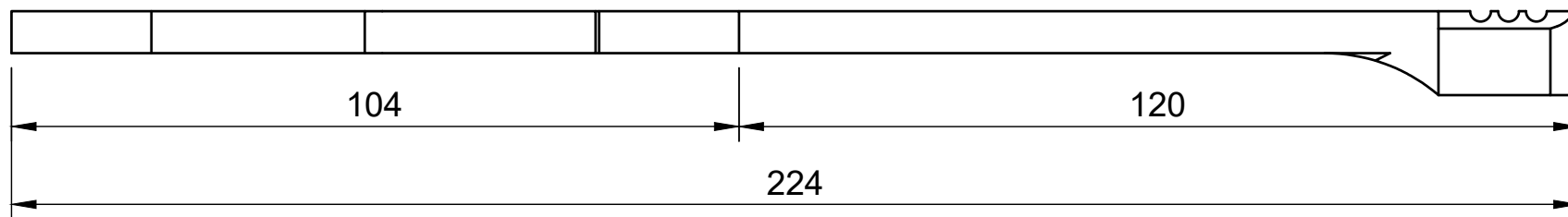
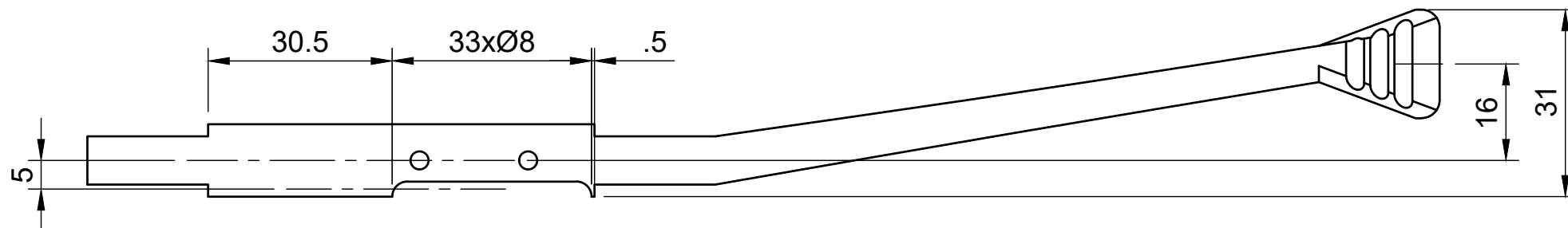
A' Key



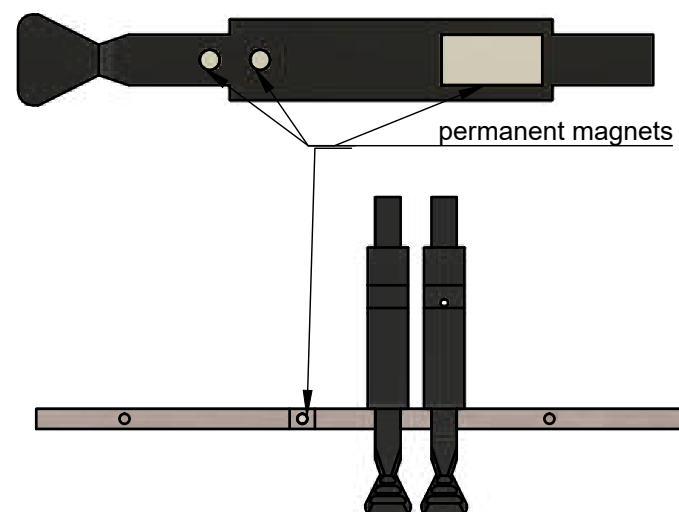
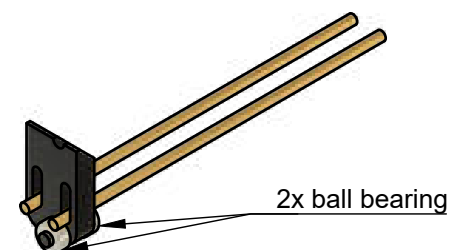
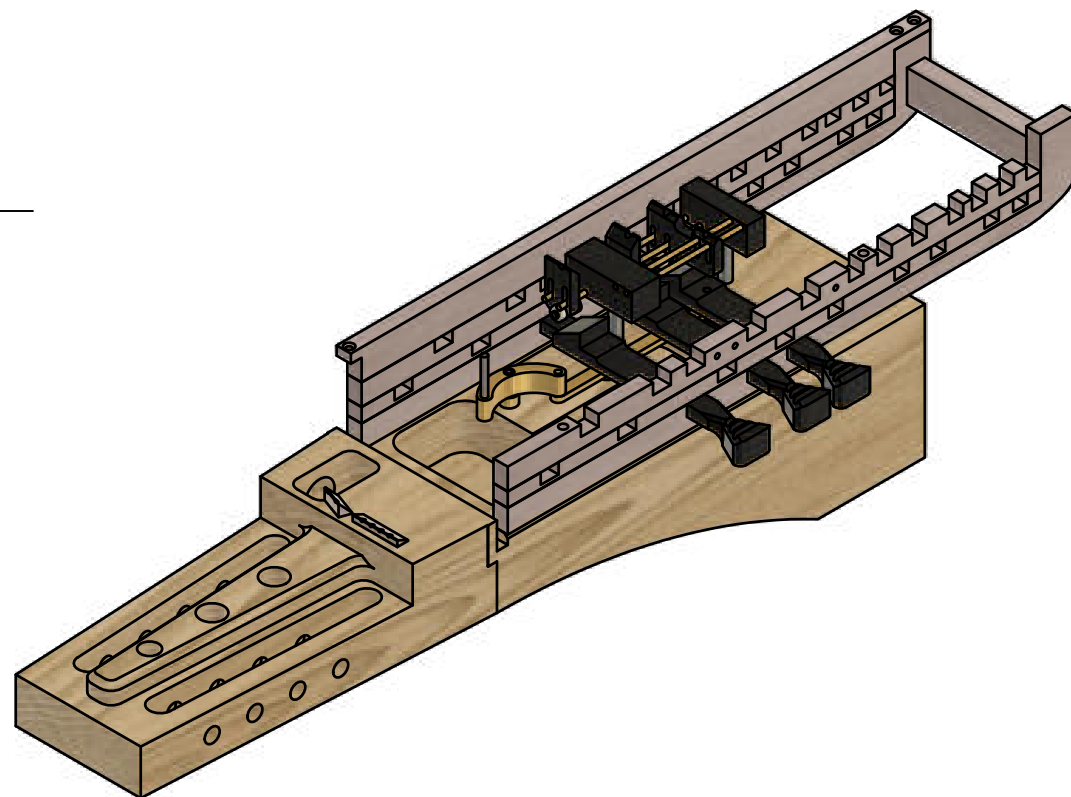
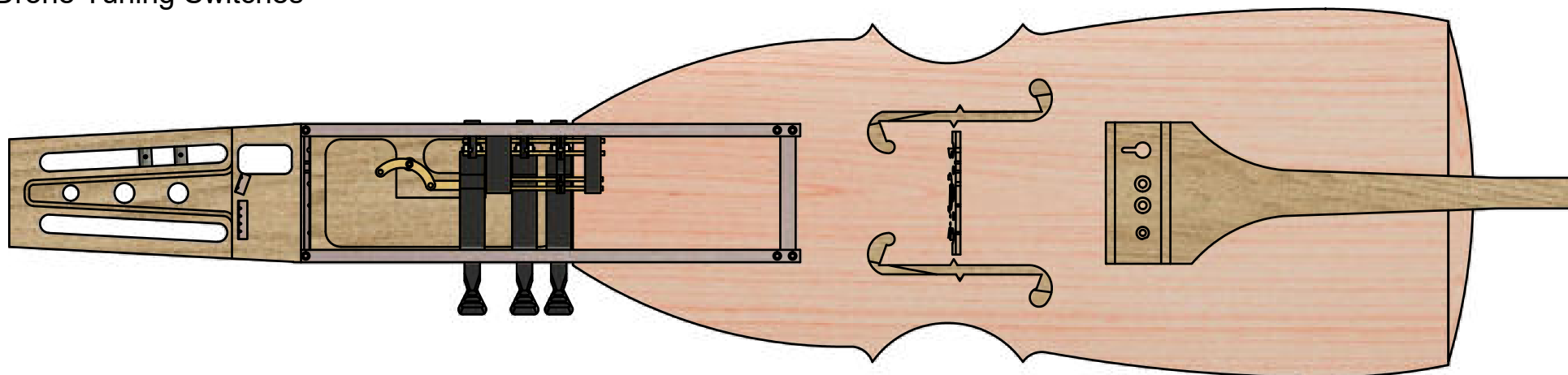
Bb' Key

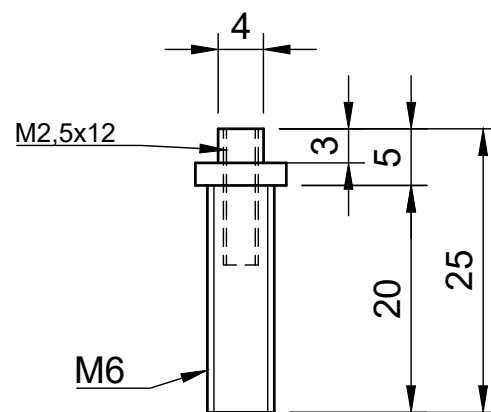
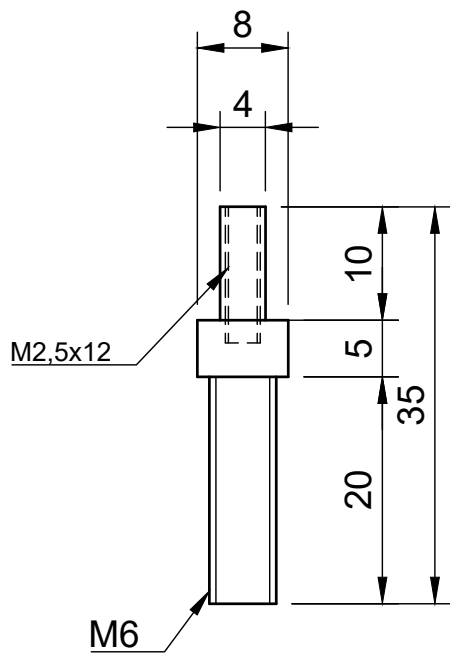
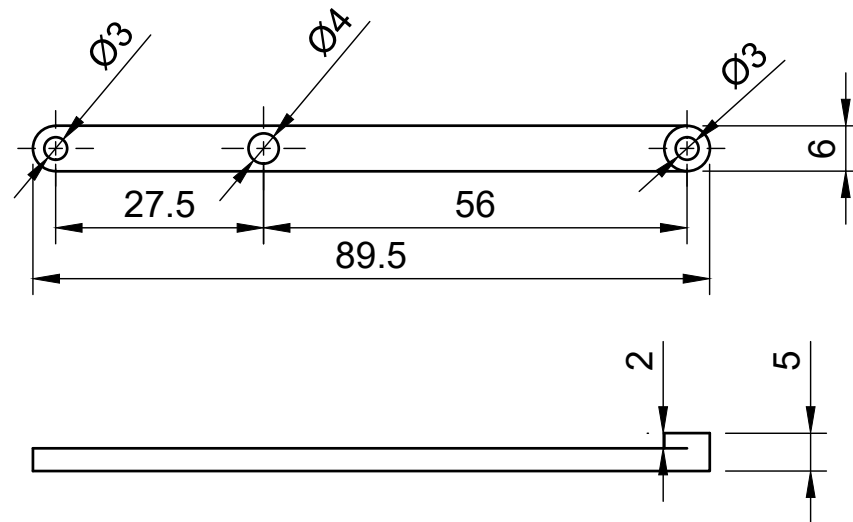
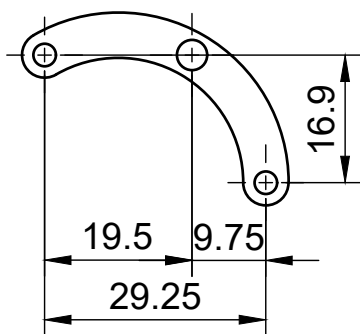
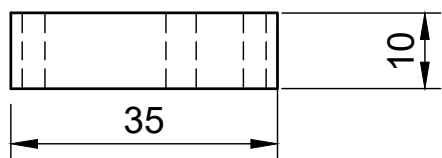
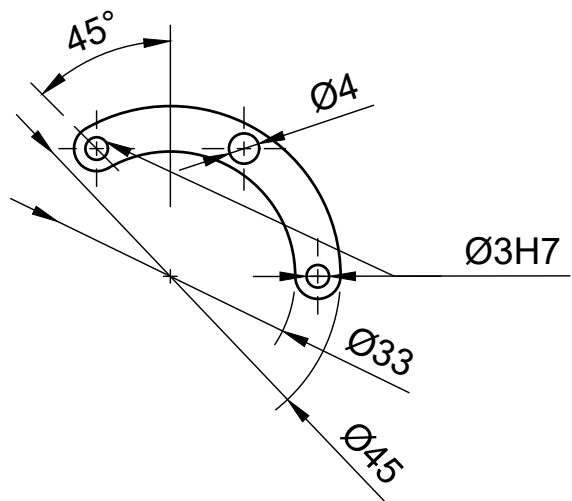


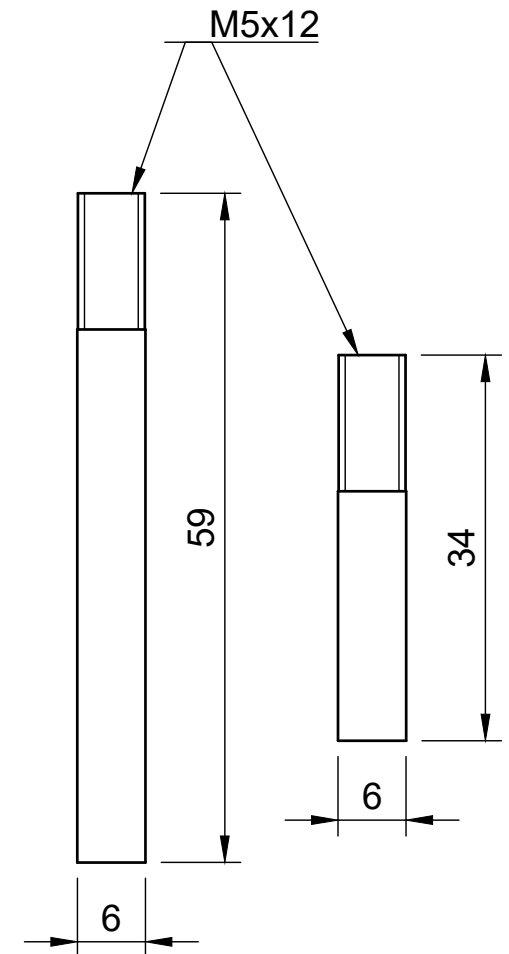
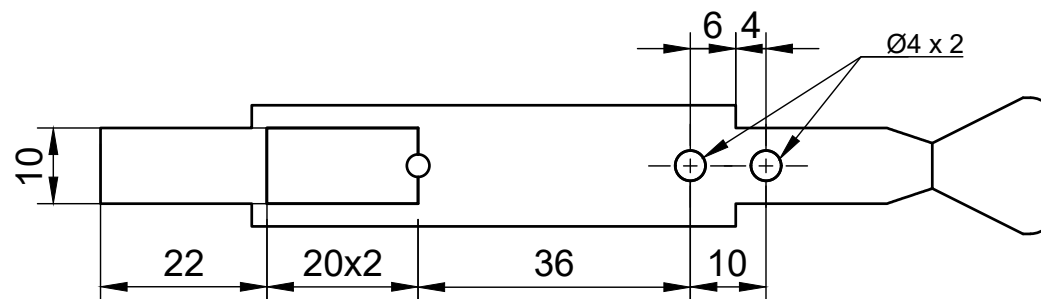
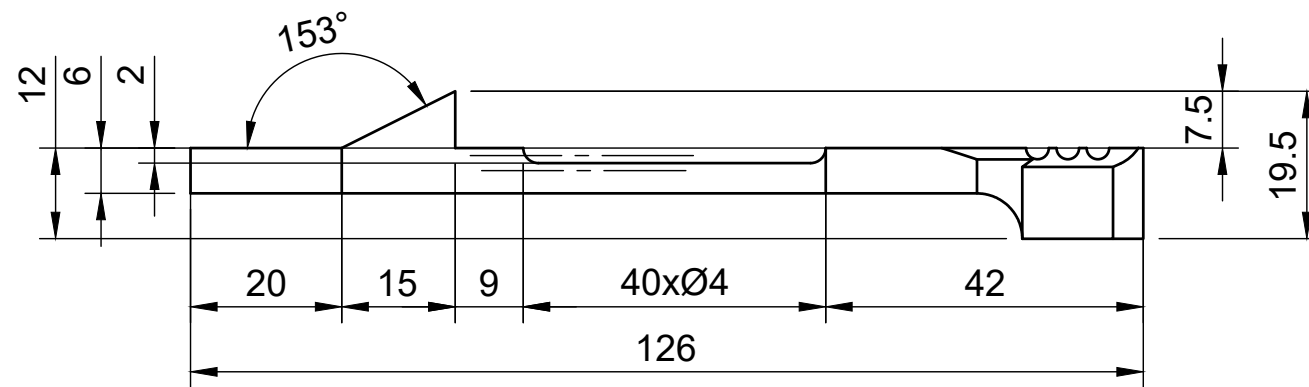
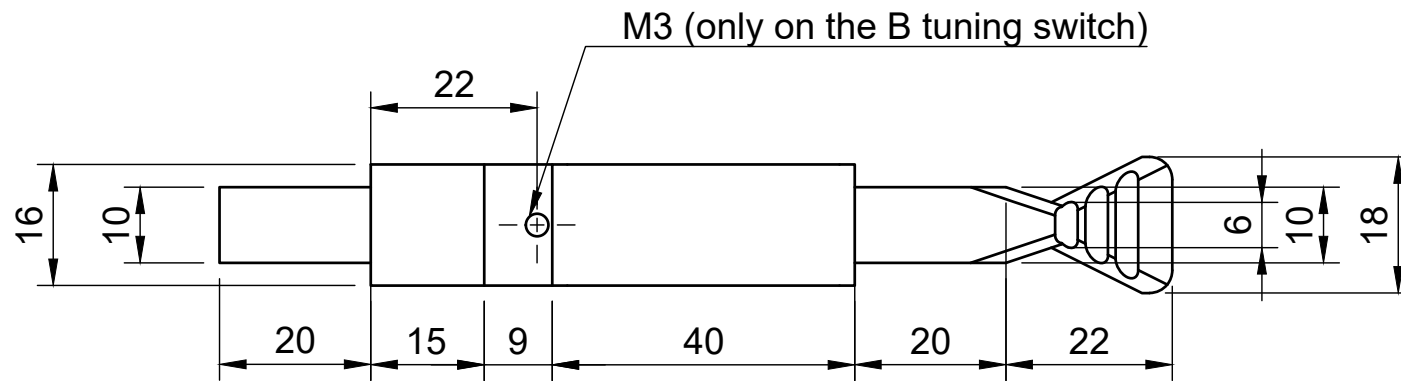
B' Key

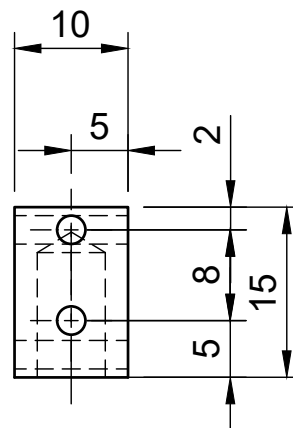
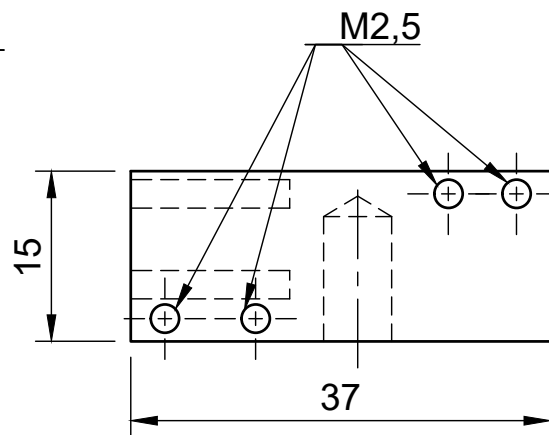
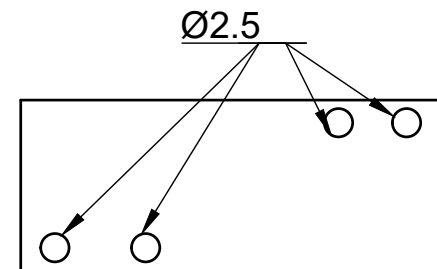
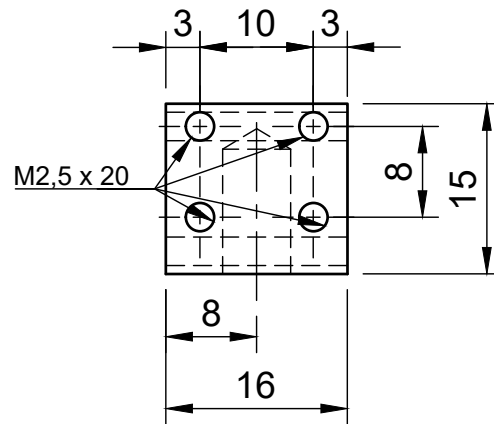
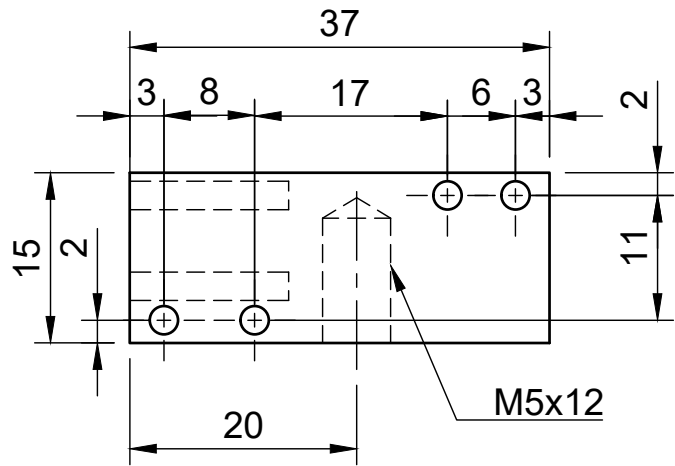


Drone Tuning Switches



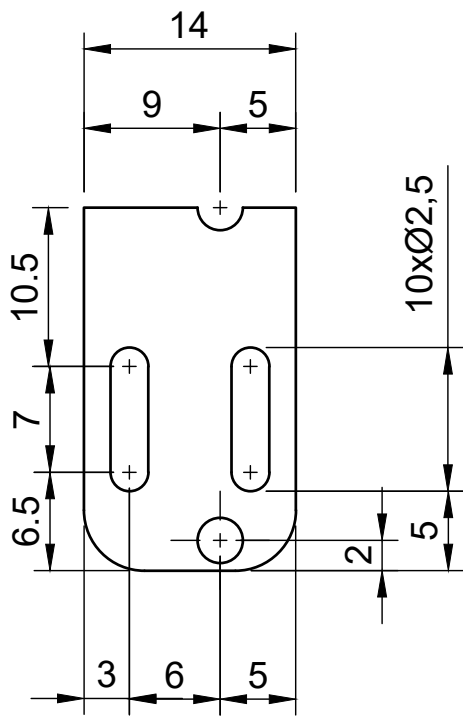




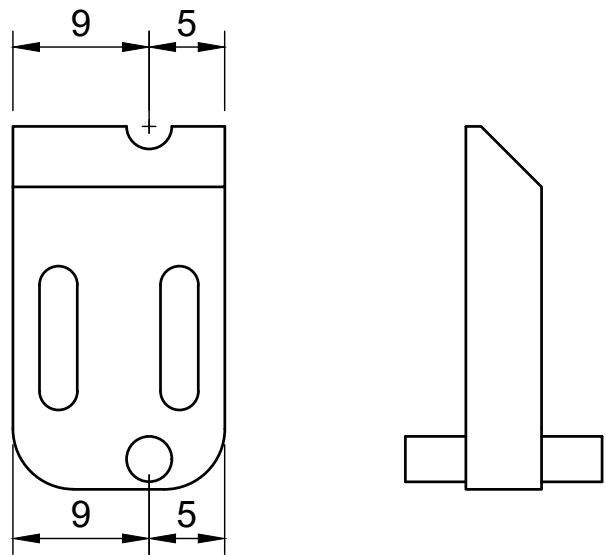


*Bore diameters and posistions
are identical

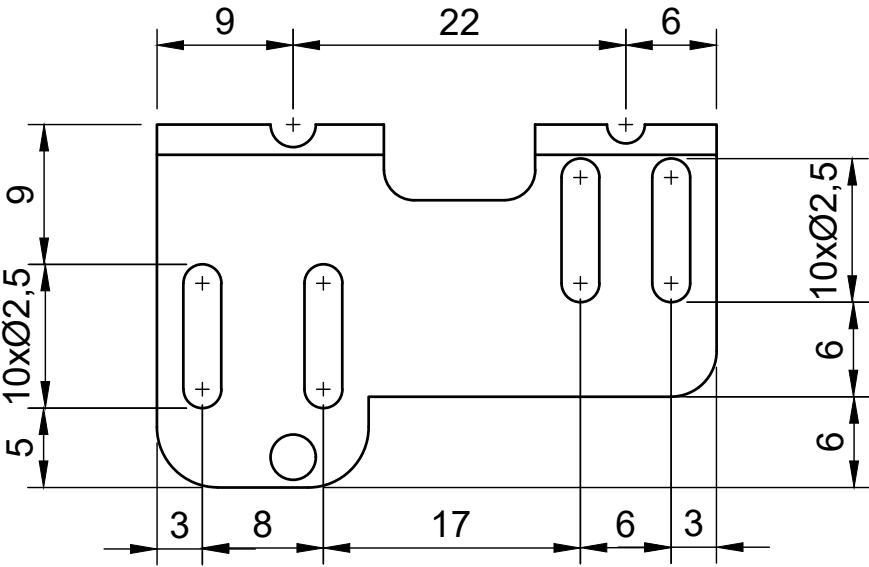
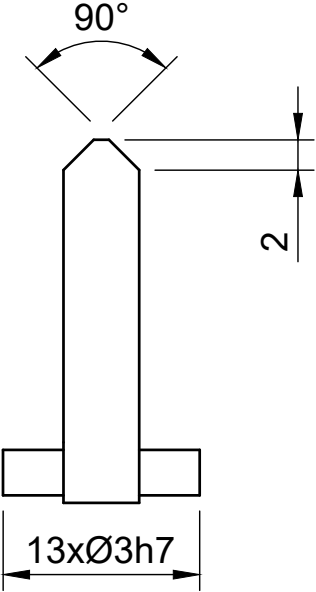
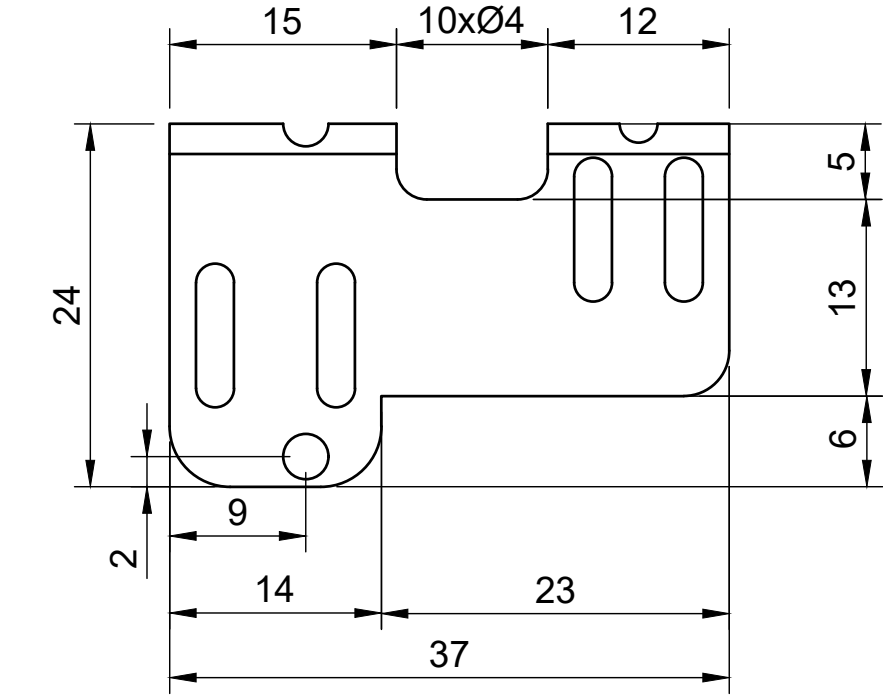
G Tuner



A Tuner



B-b Tuner



Bucket List 1/2:

<https://www.mtsmagnete.de/neodym-quader-magnete/quader-20mm/neodym-quadermagnet-20x10x2mm-grade-n48/a-2287>

<https://www.mtsmagnete.de/neodym-scheiben-magnete/scheiben-1mm-9mm/neodym-scheibenmagnet-4x2mm-vernickelt-grade-n45-magnetisiert-durch-2mm/a-2634/?ReferrerID=13>

<https://www.kugellager-express.de/miniatur-kugellager-693-w3-c3-offen-geoelt-3x8x3-mm>

https://www.thomann.de/de/schaller_bm_light_1r_c.htm

https://www.thomann.de/de/grover_304c_mandolin_machines.htm

https://www.thomann.de/de/wittner_adjuster_cello_4_4_3_4_2.htm

https://www.thomann.de/de/wittner_fine_adjuster_viola_fix.htm

https://www.thomann.de/de/roth_junius_viola_pegs_swiss_tintul_pe.htm

https://www.thomann.de/de/roth_junius_cello_pegs_swiss_ebony_pe.htm

https://www.thomann.de/de/conrad_goetz_zd_253_wolf_note_suppressor.htm

https://www.thomann.de/de/cecilia_cello_rosin_a_piacere.htm

https://www.thomann.de/de/evoluto_violin_composite_bow_1_16.htm

<https://www.dictum.com/de/wolftoeter-jhh/lupx-wolftoeter-bass-20-g-544048?c=2354>

<https://www.dictum.com/de/einhaengesaiten-jhg/kevlar-einhaengesaiten-violin-violon-540601?c=3101>

<https://www.dictum.com/de/holz-zubehoer-jng/stimmstock-fichte-gesaegt-cello-staerke-10-mm-492333>

<https://shop.espen.de/de/Tonholz-Streichinstrumente/decken/cello-195/decke-fichte-fuer-cello-aa.html>

<https://shop.espen.de/de/Tonholz-Akustik-Gitarren/Bestandteile-Einzelteile/Leisten/leistenholz-sitkafichte-1-satz-4-stueck-600-x-8-x-20mm.html>

<https://www.reidl.de/din-427-schaftschrauben-mit-schlitz-kegelkuppe-m3-x-16-a1-blank-p340561?idc=85988>

<https://www.reidl.de/wasi-din-427-schaftschrauben-mit-schlitz-kegelkuppe-m3-x-25-a1-blank-p871747?idc=85988>

<https://www.reidl.de/iso-8734-zylinderstift-durchgehaertet-4x40-toleranzfeld-m6-form-a-stahl-blank-p177654?idc=86121>

<https://www.reidl.de/iso-8734-zylinderstift-durchgehaertet-3x30-toleranzfeld-m6-form-a-stahl-blank-p177636?idc=86121>

<https://www.reidl.de/din-7500-gewindefurchende-schr-form-m-3-x-16-kreuzschlitz-pozidrive-stahl-verzinkt-farblos-senkkopf-p159479?idc=989825>

Bucket List 2/2:

Melody Strings

4121,2 Dominant Viola – Medium, 42, Single D-String

https://shop.thomastik-infeld.com/product-category/orchestral/viola/product/dominant-viola/?attribute_pa_tension=medium&attribute_pa_scale-size=42&attribute_pa_string-unit=single-d-string

143 1/2 Dominant Violoncello – Medium, Single D-String, 1/2

https://shop.thomastik-infeld.com/product-category/orchestral/cello/product/dominant-violoncello/?attribute_pa_tension=medium&attribute_pa_string-unit=single-d-string&attribute_pa_scale-size=1-2

Drone Strings

AL44 Alphayue Violoncello – Medium, Single C-String, 4/4

https://shop.thomastik-infeld.com/product-category/orchestral/cello/product/alphayue-violoncello/?attribute_pa_tension=medium&attribute_pa_string-unit=single-c-string&attribute_pa_scale-size=4-4

S37 S Spirocore Solo Double Bass – Single E-String, Medium, 4/4

https://shop.thomastik-infeld.com/product-category/orchestral/double-bass/product/spirocore-solo-double-bass/?attribute_pa_string-unit=single-e-string&attribute_pa_tension=medium&attribute_pa_scale-size=4-4

Sympathetic Strings

174 Präzision Mandola – SET

https://shop.thomastik-infeld.com/product-category/folk/mandola/product/prazision-mandola/?attribute_pa_string-unit=set