

building instructions for main leg of fiberglass flat material

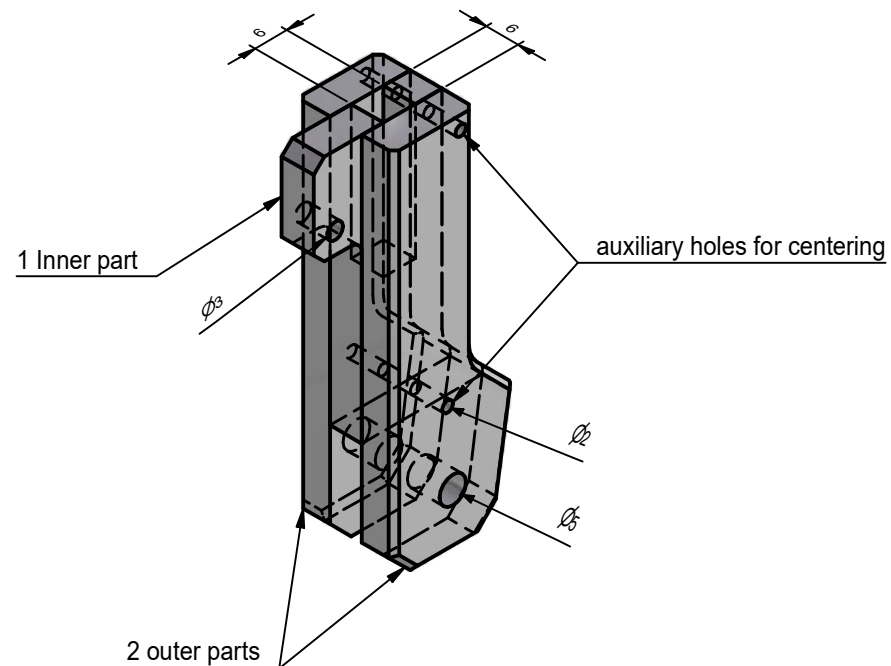
step 1 leg

roughen all surfaces before bonding,
clean them thoroughly and degrease by using
acetone.

Aply thriftily high quality two-component adhesive (no
5-minute epoxy).

Use 2mm dowels for aligning.

Press vigorously during curing process.



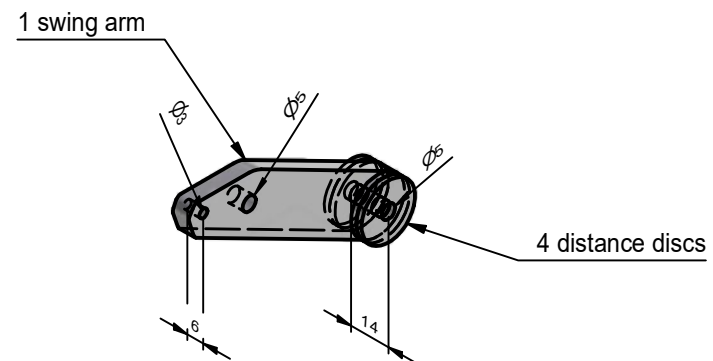
step 2 swing arm

roughen all surfaces before bonding,
clean them thoroughly and degrease by using
acetone.

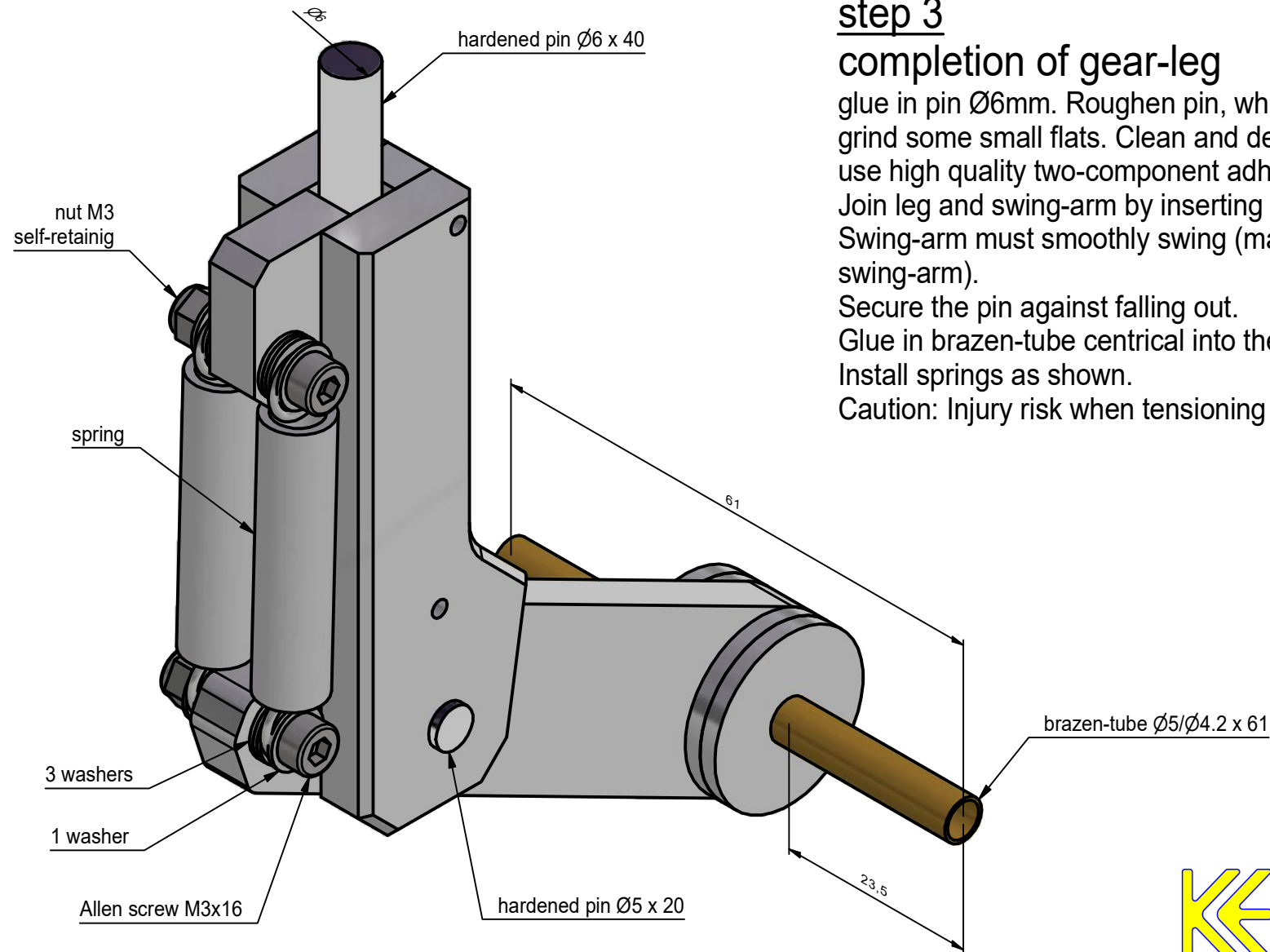
Aply thriftily high quality two-component adhesive (no
5-minute epoxy).

Use temporarily a well waxed $\varnothing 5$ mm centering pin to
align the 4 distance discs. You could also use a
wooden dowel and drill it out afterward.

Press vigorously during curing process !



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step 3

completion of gear-leg

glue in pin $\varnothing 6\text{mm}$. Roughen pin, where it will sit in the leg. Even grind some small flats. Clean and degrease it.

use high quality two-component adhesive (no 5-minute epoxy)
Join leg and swing-arm by inserting a 5mm-pin.

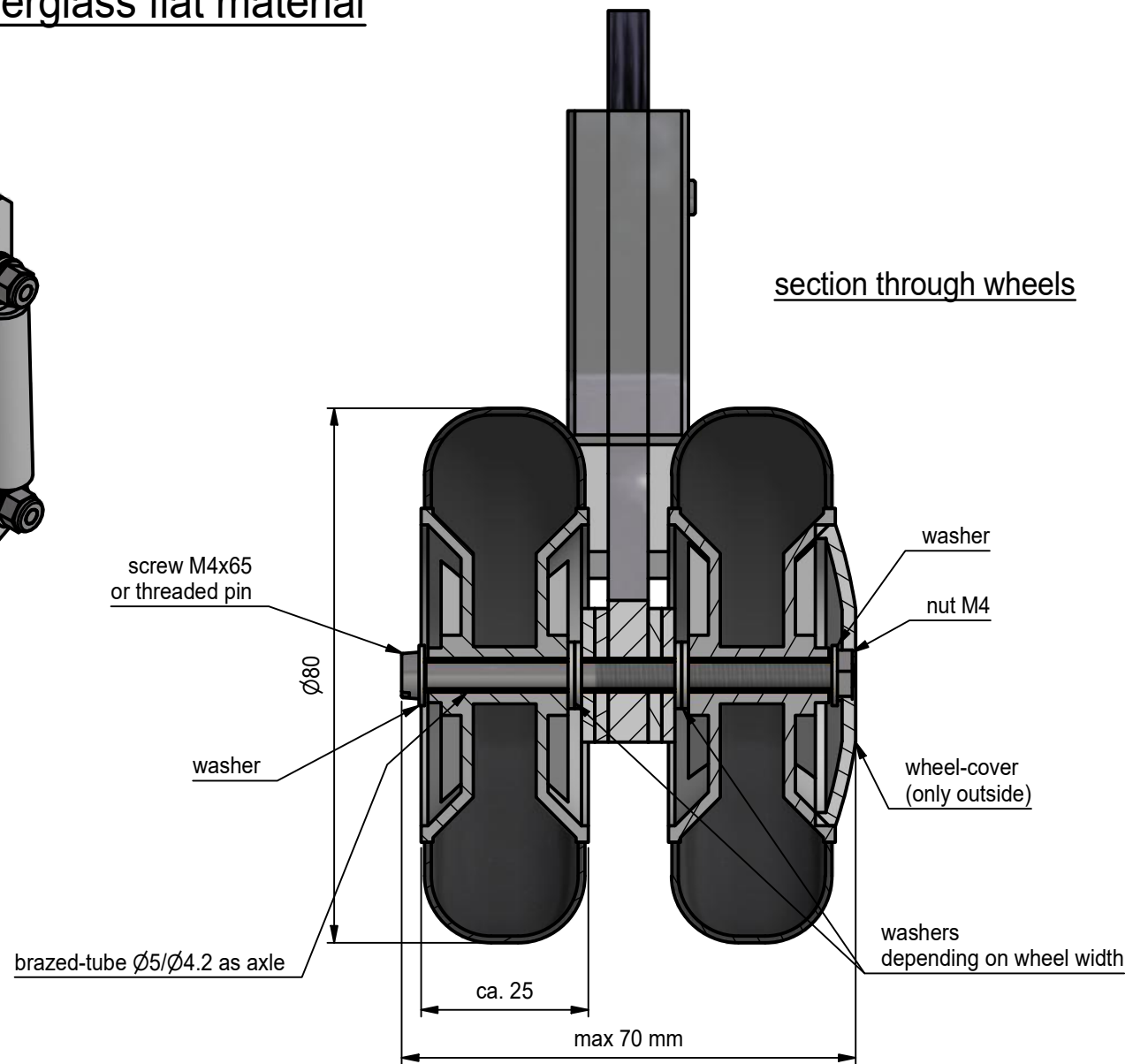
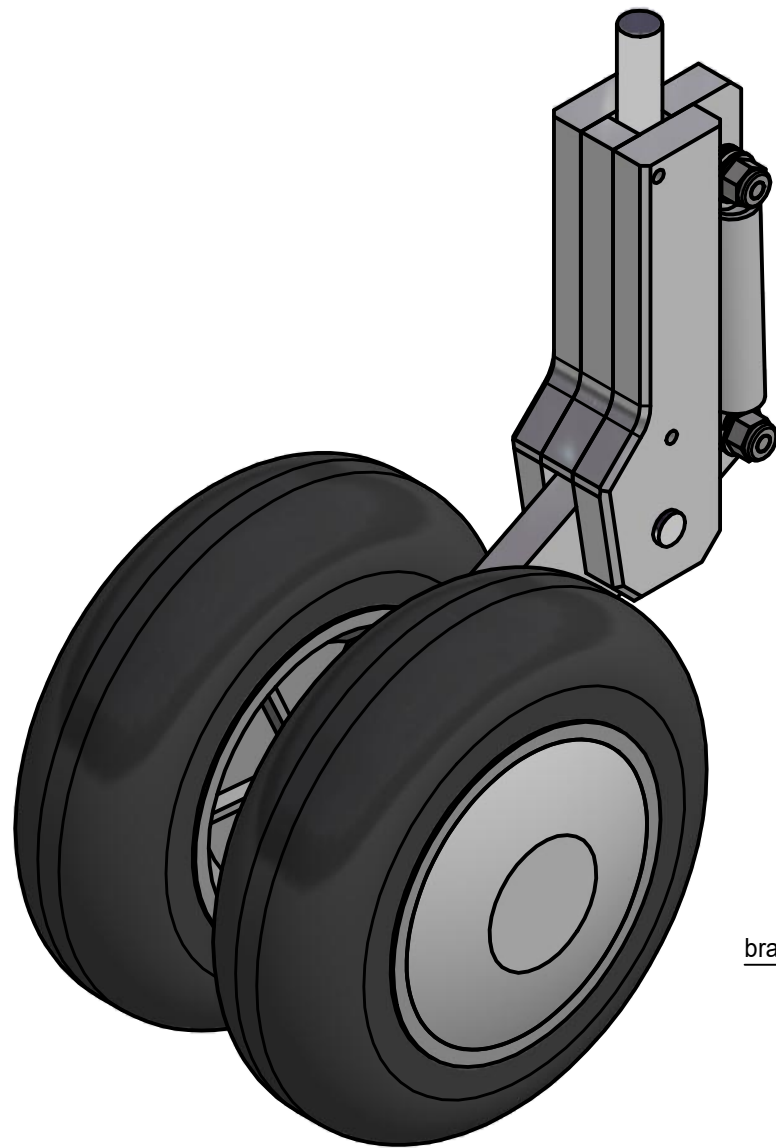
Swing-arm must smoothly swing (may be you have to sand the swing-arm).

Secure the pin against falling out.

Glue in brazen-tube central into the swing-arm (= wheel-axle)
Install springs as shown.

Caution: Injury risk when tensioning the springs.

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