

Part 4 und Part 5: Übungen

Hier sind zwei Werkstücke zu erstellen.

Alle Funktionen die zum fertigstellen benötigt werden, habt Ihr bereits kennengelernt.

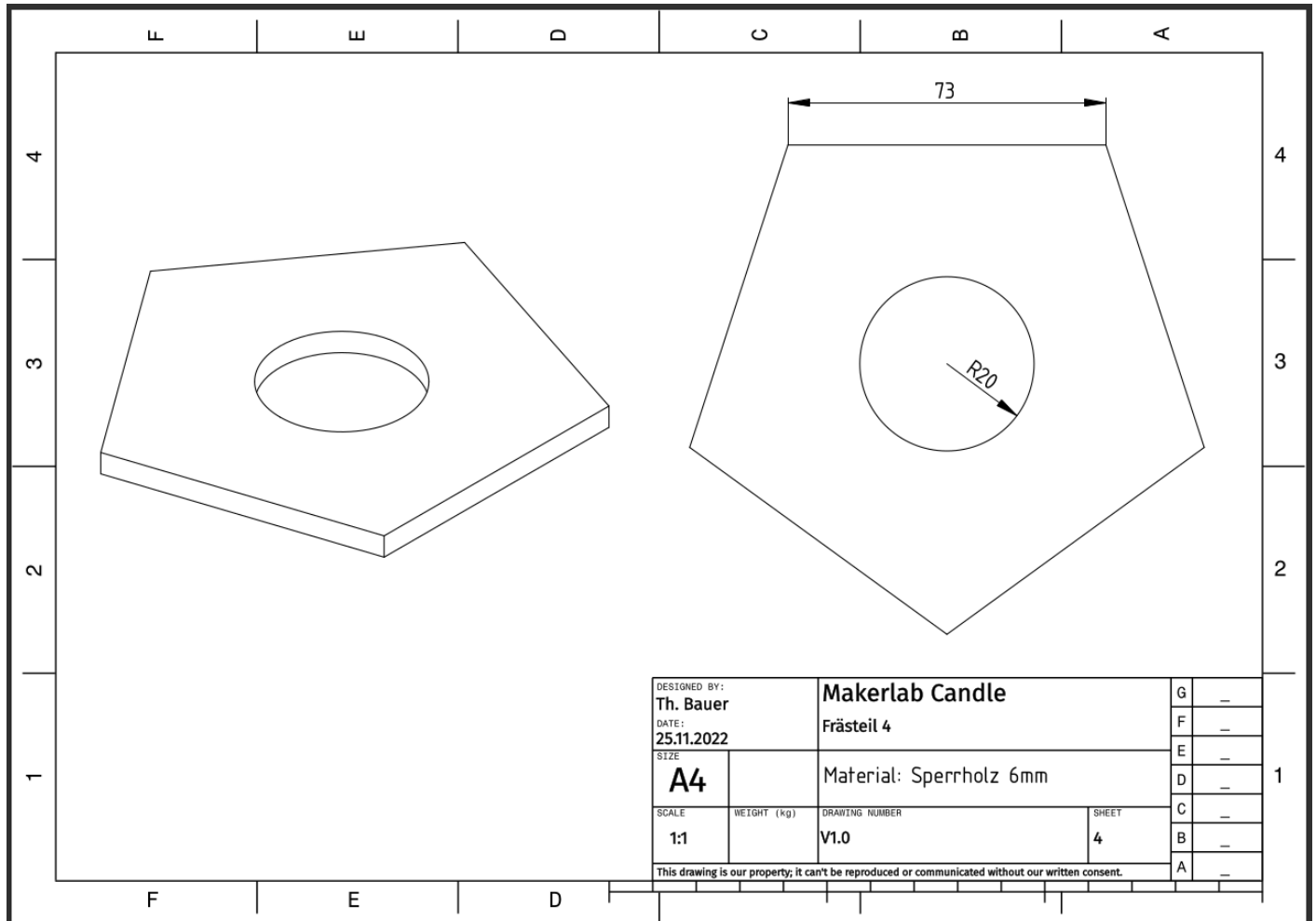
Viel Erfolg!

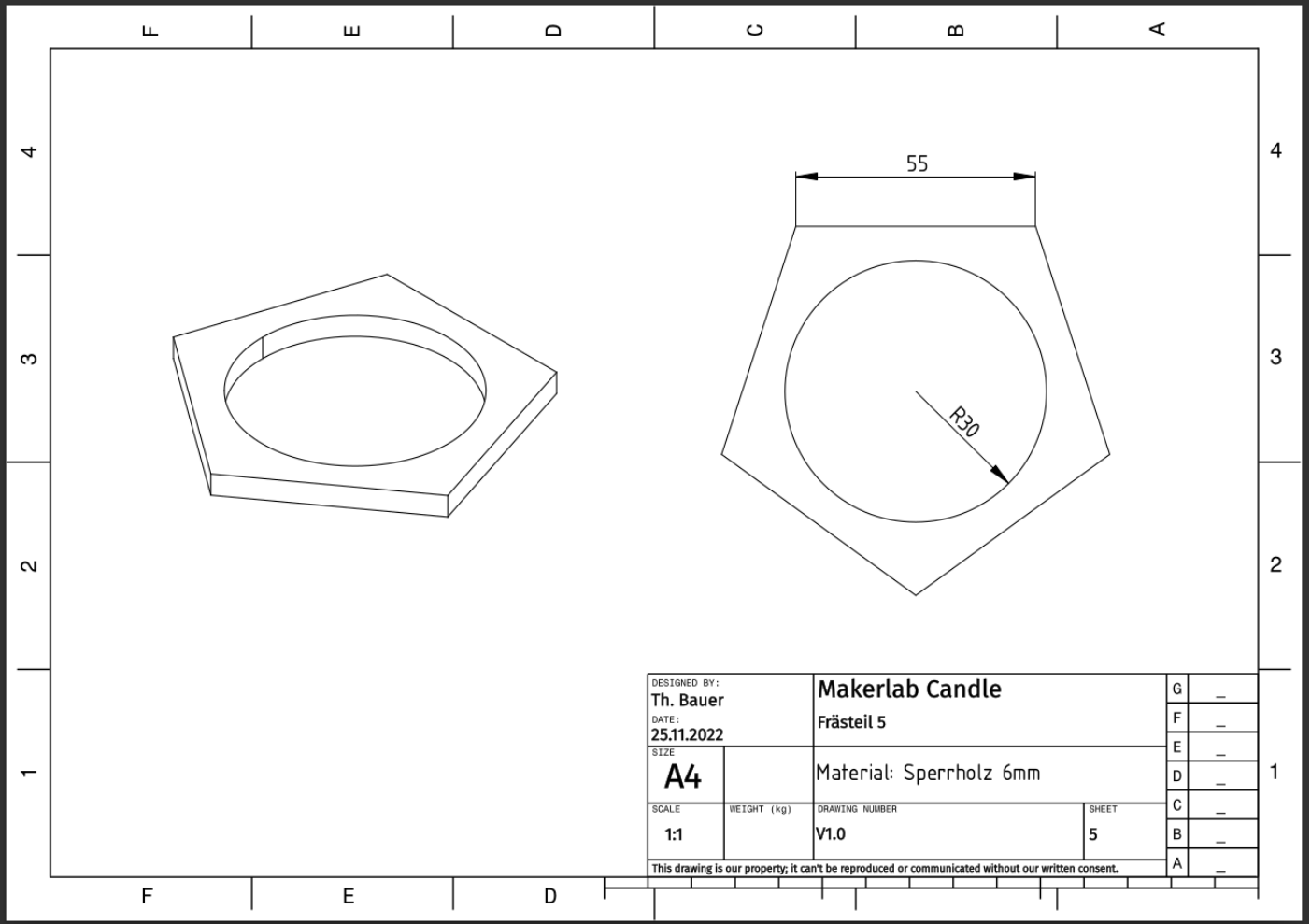
- [01 - Die Zeichnungen](#)
- [02 - Lösung Part 4](#)
- [03 - Lösung Part 5](#)

01 - Die Zeichnungen

Die Zeichnungen findet Ihr wieder im [Workshop Ordner](#)

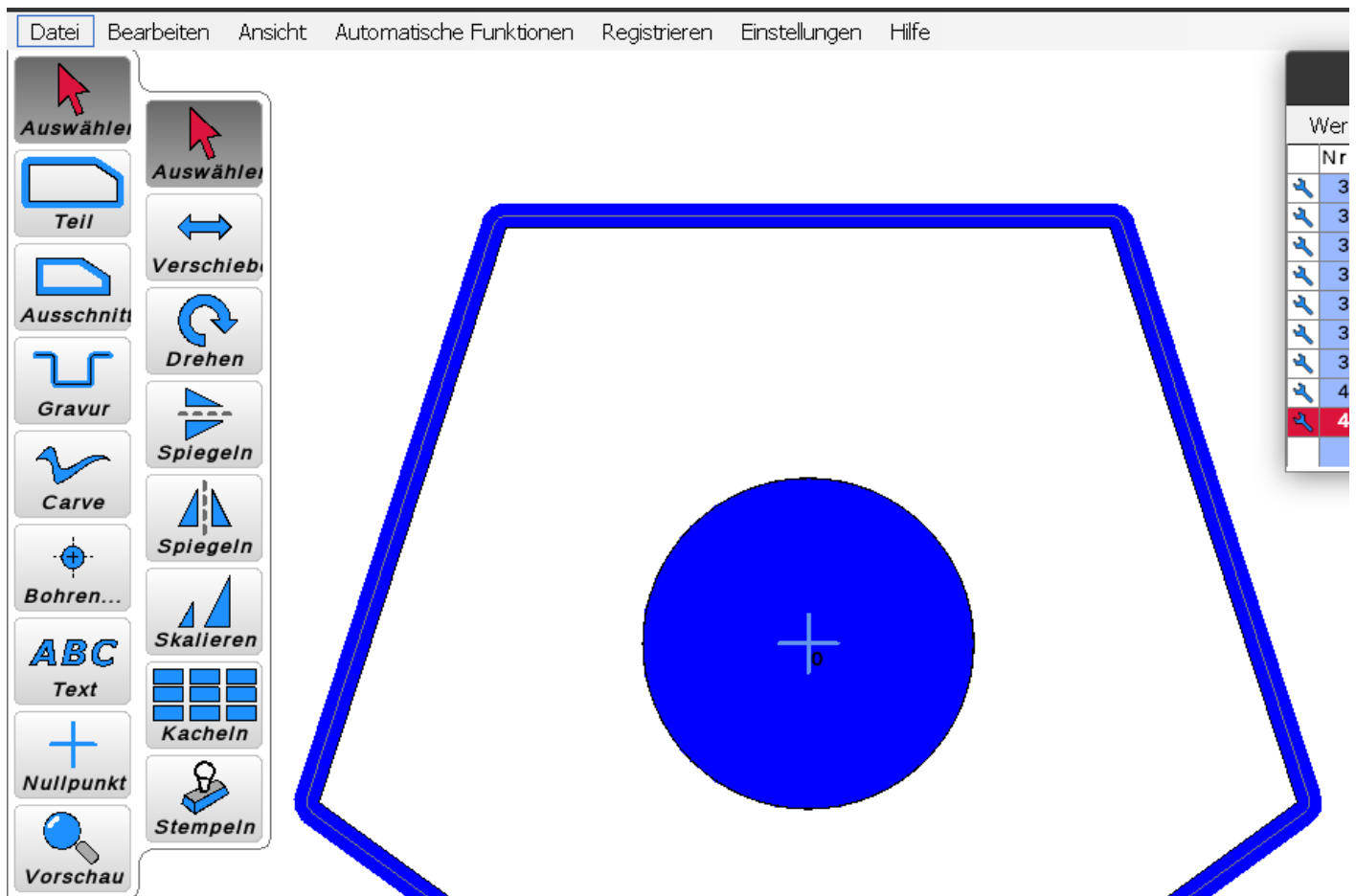
- Öffne die Zeichnung "Body_004.dxf" oder "Body_005.dxf"
- Stelle den Nullpunkt auf die Mitte der Draufsicht ein.
- Wähle den 3mm Billigfräser aus der Werkzeugliste aus.

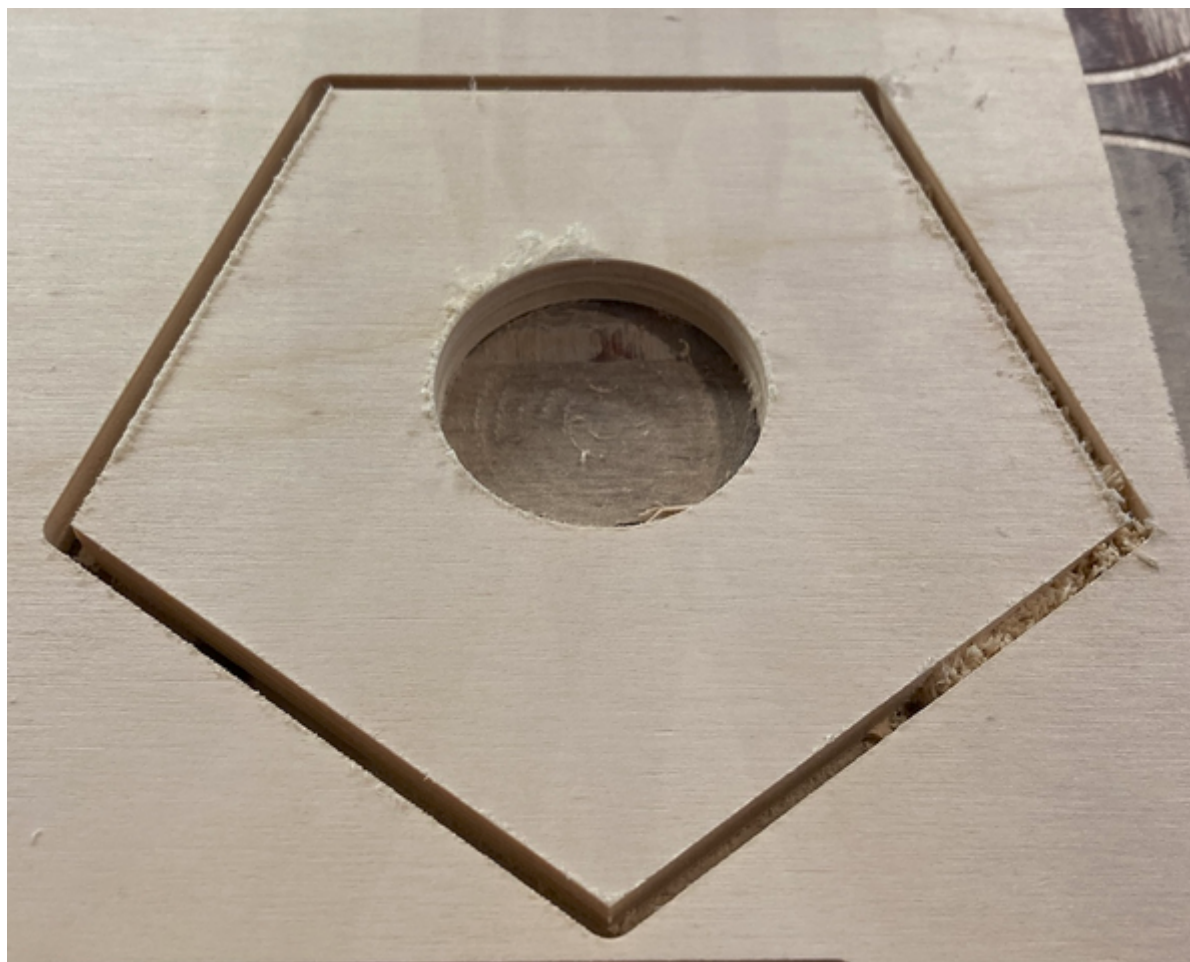




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|---|-------------|-------------------------------|------------|---|---|
| DESIGNED BY: Th. Bauer | | Makerlab Candle Frästeil 5 | | G | — |
| DATE: 25.11.2022 | | | | F | — |
| SIZE A4 | | Material: Sperrholz 6mm | | E | — |
| | | | | D | — |
| SCALE 1:1 | WEIGHT (kg) | DRAWING NUMBER V1.0 | SHEET 5 | C | — |
| | | | | B | — |
| This drawing is our property; it can't be reproduced or communicated without our written consent. | | | | A | — |
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02 - Lösung Part 4







03 - Lösung Part 5

Pro-Tipp: Damit Du danach nicht so viel schleifen oder feilen musst, lege die Schlichtzugabe (1) auf 0,5mm Untermaß fest. Du kannst mit der Schlichtzugabe kleinere korrekturen wie zum Beispiel bei dieser Passung vornehmen. Maximales Auf- und Untermaß ist der Fräsdurchmesser, bzw. der halbe Fräsdurchmesser. Spiel einfach damit rum... Du wirst schon rausfinden wie das genau funktioniert.

The screenshot displays the Esticam software interface. The central workspace shows a 2D drawing of a part with a central circular hole and a hexagonal outer profile. The software includes a menu bar at the top with options: Datei, Bearbeiten, Ansicht, Automatische Funktionen, Registrieren, Einstellungen, Hilfe. A toolbar on the left contains various tool icons for selection, movement, and machining. The right panel shows the 'Werkzeugliste' (Tool List) and the 'Eigenschaften Esticam 11,244_a_32' (Properties Esticam 11,244_a_32) panel. The 'Schlichtzugabe' (Finish Allowance) parameter is highlighted with a red circle and the number 1, indicating it is set to -0,50mm.

| Nr. | Name | Ø |
|-----|--------------------------|--------|
| 33 | Garant 203300 5mm | 5,00r |
| 34 | Garant 202392 2,5mm | 2,50r |
| 35 | Holox 202370 3mm | 3,00r |
| 36 | Holox 202378 4mm | 4,00r |
| 37 | Fasenfräser 6mm | 6,00r |
| 38 | Planfräser 10mm (Wirbel) | 10,00r |
| 39 | Soro-VHM Z2 GL80 6mm | 6,00r |
| 40 | Soro-VHM Z2 GL58 6mm | 6,00r |
| 41 | Billigfräser 3mm | 3,00r |

Eigenschaften Esticam 11,244_a_32

Teil 2

Frästiefe: 8,10mm

Startebene: 0,00mm

Bearbeitungsreihenfol: Automatisch

Anbindungslänge: 1,50mm

Anbindungshöhe: Komplett

Schlichtwerkzeug: [Yellow Highlight]

Schlichtzugabe: -0,50mm (1)

Räumstrategie: Linear

Räumwinkel: 0,00°

Fasenwerkzeug: [Grey Highlight]

Fasenbreite: 0,00mm

Anbinden Startpunkt Anfahren

Freifräsen Tasche Insel

