Faculteit Ingenieurswetenschappen
Departement Werktuigkunde
Celestijnenlaan 300 - bus 2420 - B-3001 Heverlee

H01P7A: Ontwerpen in de werktuigkunde: industrieel project

Project Titel

2024-2025 Bekaert Team *teamNr*

Student1 (name + r-number)
Student2 (name + r-number)
Student3 (name + r-number)
Student4 (name + r-number)

Abstract

The abstract is not the same as the introduction. It should summarize your project clearly and concisely, including your objective, methods, and most important results (preferably with numbers). It must be self-contained and typically around 250 words.

Poor example (vague):
"We investigated possible grippers and evaluated them."

Better example (specific):
"A mechanical, pneumatic, and magnetic gripper were evaluated using a weighted decision matrix. The pneumatic gripper scored highest due to its low cost (€100) and sufficient load capacity of 1kg for this application."

Contents

1 Introduction

Useful background on mechanical design principles can be found in [1, 2]. For KU Leuven's referencing guidelines, visit: `https://bib.kuleuven.be/training-en-tutorials/citeren`

This section should clearly define the problem or design challenge, the objectives of your project, and the context in which the work was carried out. Include only essential background, and focus on what the reader needs to know to understand the report.Conclude the introduction with a short summary of the report structure.

The final report structure should look similar to:

- **Chapters 1–4:** Revised content from the intermediate report (background, requirement analysis, and concept development).
- **Chapter 5:** Overview of the final selected concept.
- **Chapters 6–9:** Detailed analysis of key subsystems. Examples include:
  - Structural analysis
  - Mechanical calculations (e.g. load, stress, cycle time) → couple back to specifications/product!
  - Kinematics/dynamics
  - Material selection
  - Power and energy consumption
  - Motor/actuator selection
  - ...
- **Chapters 10–11:** Conclusions, evaluation, and recommendations, including:
  - System advantages and disadvantages
  - Cost analysis
  - Safety and risk assessment
  - ...

2 Second Chapter Title

You can begin each chapter with a short paragraph summarizing what it will cover. This helps the reader follow the report's structure.

2.1 First Subsection Title

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

2.1.1 Subsubsection Title

Avoid making levels deeper than subsubsection (e.g., 2.1.1.1). If needed, restructure your content or use bullet points.

2.2 Second Subsection Title

Aliquam lectus. Vivamus leo. Quisque ornare tellus ullamcorper nulla. Mauris porttitor pharetra tortor. Sed fringilla justo sed mauris. Mauris tellus. Sed non leo. Nullam elementum, magna in cursus sodales, augue est scelerisque sapien, venenatis congue nulla arcu et pede. Ut suscipit enim vel sapien. Donec congue. Maecenas urna mi, suscipit in, placerat ut, vestibulum ut, massa. Fusce ultrices nulla et nisl.

References

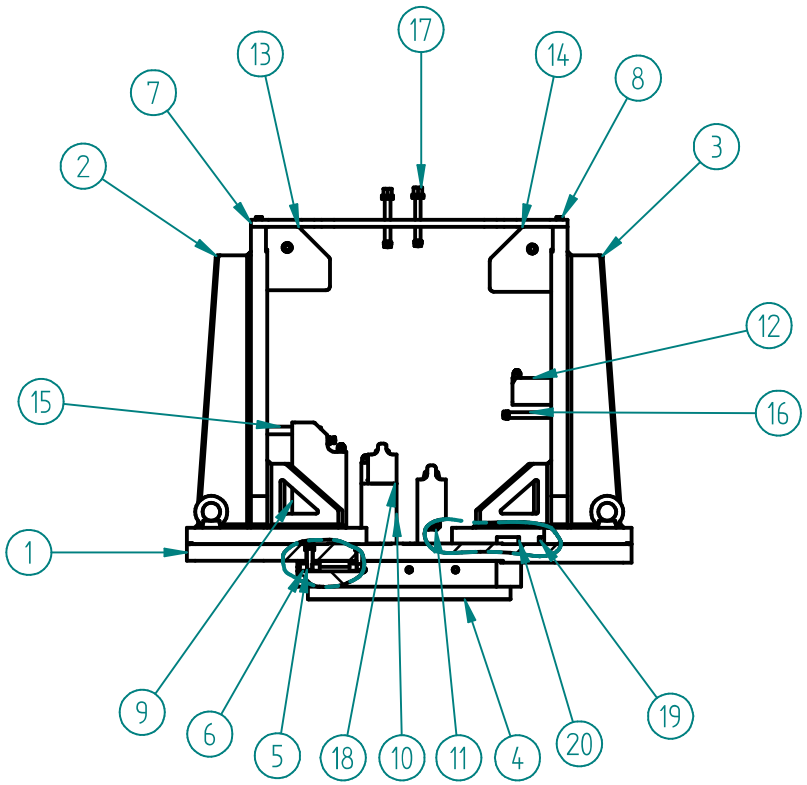
[1] G. Pahl, *Engineering Design: A Systematic Approach*, third edition ed. London: Springer Nature, 2007.

[2] P. R. N. Childs, *Mechanical Design Engineering Handbook*, 1st ed. Burlington: Elsevier Science, 2013.

A Appendix Title

Appendices can include technical drawings, data sheets, simulations, or detailed calculations. You can also insert complete documents using:

```
\includepdf[pages=-]{filename.pdf}
```



Item Number	Name	Quantity	DWG No.
1	Base plate	1	12
2	Left post	1	2
3	Oil post	1	3
4	Heckert pallete hydraulic 1060736-0	1	
5	din_912-m16x2-55-12_9	14	
6	07061-16 T-nut Norelem	14	
7	Bridge	1	13
8	din_912-m12x1_75-40-12_9	6	
9	Bottom left module	1	10
10	Bottom mid module	1	8
11	Bottom right module	1	7
12	Oil module	1	6
13	Top left module	1	4
14	Top right module	1	5
15	Locator pin Z6	1	11
16	Side clamp Atlas Copco	1	26
17	Top clamp Atlas Copco	2	25
18	Bottom mid Z5 attachment	1	9
19	Cover post	2	27
20	left base plate cover	1	28
21*	Right base plate cover	1	29

Scale	Projection	Comments	File Name	DWG No.
1:20		Fixture mass Z5 configuration: 1336 kg Fixture mass Z6 configuration: 1355 kg	Z5/Z6 BH Fixture	1

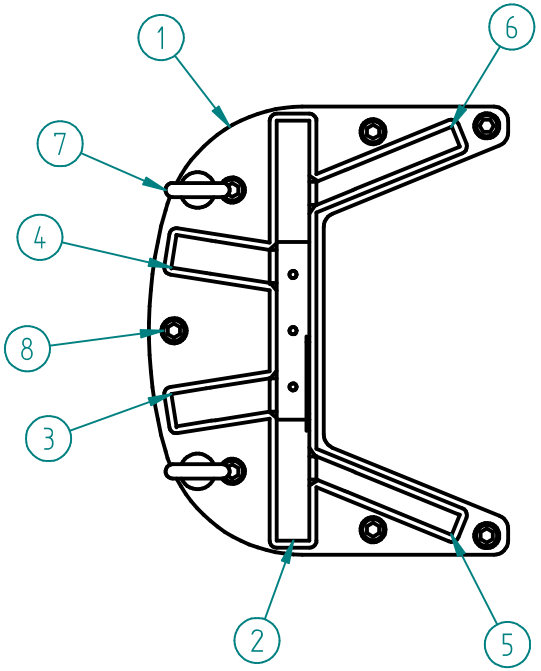
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Z5/Z6 BH Fixture

Author: Jérémy Dupont, Elia Menten, Thibault Mertens, Olivier Ndindayino

Date: 20/04/2021

A4



Item Number	Name	Quantity	DWG No.
1	U-shaped base left post	1	14
2	Vertical plate left post	1	14
3	Outer rib 1	1	14
4	Outer rib 2	1	14
5	Inner rib 1	1	14
6	Inner rib 2	1	14
7	bolt_m24x3_din_580	2	
8	din_912-m20x2_5-50-12_9	7	

Scale	Projection	Comments	File Name	DWG No.
1:10		The weldment consting of pieces 1, 2, 3, 4, 5 and 6 is shown in drawing number 14. Mass: 282 kg	Z5/Z6 BH Fixture	2

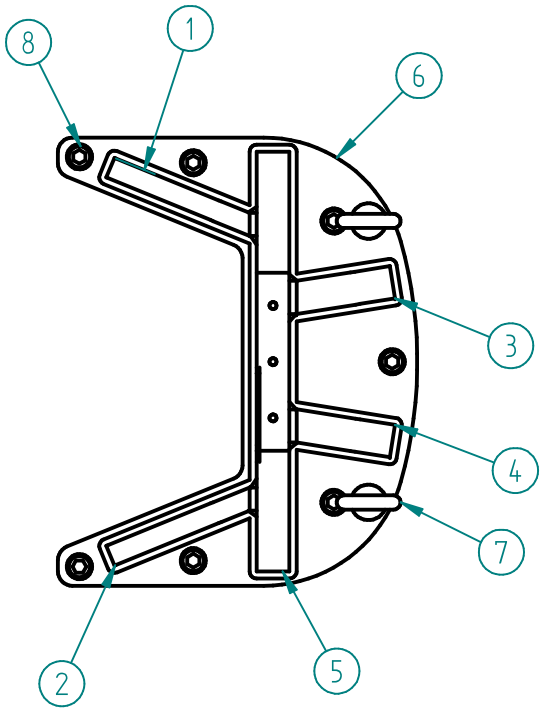
KATHOLIEKE UNIVERSITEIT
LEUVEN
MECHANICAL ENGINEERING

Left post

Author: Olivier Ndindayino, Thibault Mertens

Date: 22/04/2021

A4



Item Number	Name	Quantity	DWG No.
1	Inner rib 1	1	15
2	Inner rib 2	1	15
3	Outer rib 1	1	15
4	Outer rib 2	1	15
5	Vertical plate oil post	1	15
6	U-shaped base oil post	1	15
7	bolt_m24x3_din_580	2	
8	din_912-m20x2_5-50-12_	7	

Scale	Projection	Comments	File Name	DWG No.
1:10		The weldment consting of pieces 1, 2, 3, 4, 5 and 6 is shown in drawing number 15. Mass: 279 kg	Z5/Z6 BH Fixture	3

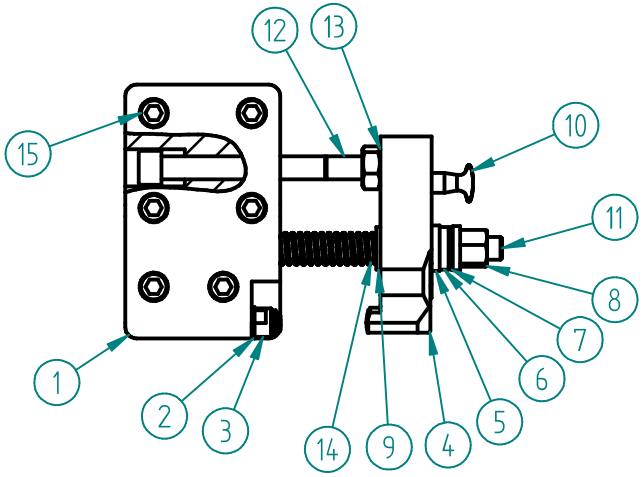
KATHOLIEKE UNIVERSITEIT
LEUVEN
MECHANICAL ENGINEERING

Oil post

Author: Olivier Ndindayino, Thibault Mertens

Date: 22/04/2021

A4



Item Number	Name	Quantity	DWG No.
1	Block top left module	1	16
2	Washer 2 mm Atlas Copco	1	
3	02000-312 self-aligning pad Norelem	1	
4	Clamp M16 Atlas Copco	1	
5	Clamp sleeve Atlas Copco	1	
6	07420-216 conical seat Norelem	1	
7	07420-116 spherical washer Norelem	1	
8	07242-16 nut with no-loss washer Norelem	1	
9	Clamp washer Atlas Copco	1	
10	Knob clamp Atlas Copco	1	
11	M16 x 200 threaded rod	1	
12	din_912-m16x2-160-12_9	1	
13	nut_din_6915_m16	1	
14	Spring Atlas Copco	1	
15	din_912-m12x1_75-100-12_9	6	

Scale	Projection	Comments	File Name	DWG No.
1:5		Screw No. 12 must be threaded along the entire shank.	Z5/Z6 BH Fixture	4

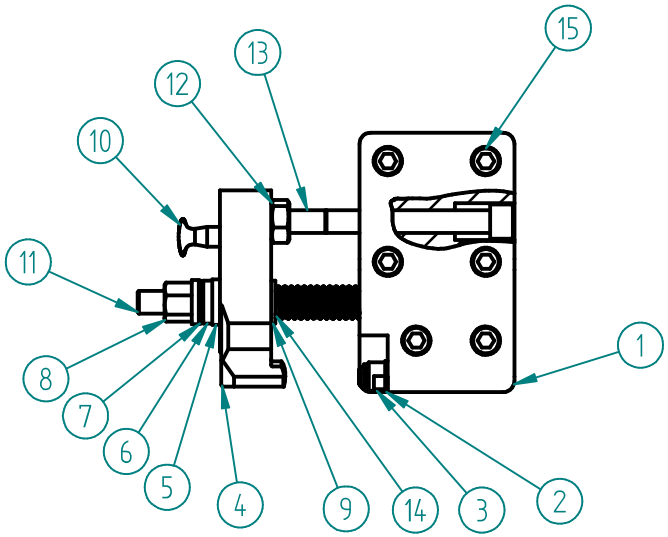
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Top left module

Author: Elia Menten, Thibault Mertens

Date: 21/04/2021

A4



Item Number	Name	Quantity	DWG No.
1	Block top right module	1	17
2	Washer 2 mm Atlas Copco	1	
3	02000-312 self-aligning pad Norelem	1	
4	Clamp M16 Atlas Copco	1	
5	Clamp sleeve Atlas Copco	1	
6	07420-216 conical seat Norelem	1	
7	07420-116 spherical washer Norelem	1	
8	07242-16 nut with no-loss washer Norelem	1	
9	Clamp washer Atlas Copco	1	
10	Knob clamp Atlas Copco	1	
11	M16 x 200 threaded rod	1	
12	nut_din_6915_m16	1	
13	din_912-m16x2-160-12_9	1	
14	Spring Atlas Copco	1	
15	din_912-m12x1_75-100-12_9	6	

Scale	Projection	Comments	File Name	DWG No.
1:5		Screw No. 13 must be threaded along the entire shank.	Z5/Z6 BH Fixture	5

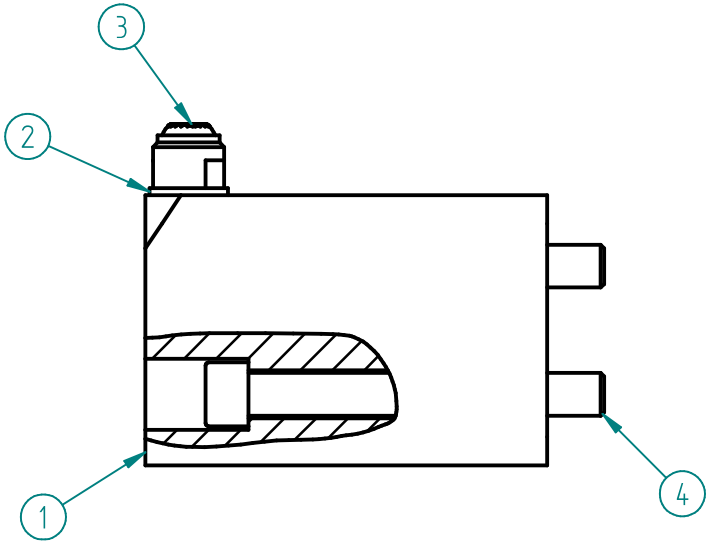
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Top right module

Author: Elia Menten, Thibault Mertens

Date: 21/04/2021

A4



Item Number	Name	Quantity	DWG No.
1	Block oil module	1	18
2	Washer 2 mm Atlas Copco	1	
3	02000-312 self-aligning pad Norelem	1	
4	din_912-m12x1_75-100-12_9	4	

Scale	Projection	Comments	File Name	DWG No.
1:2			Z5/Z6 BH Fixture	6

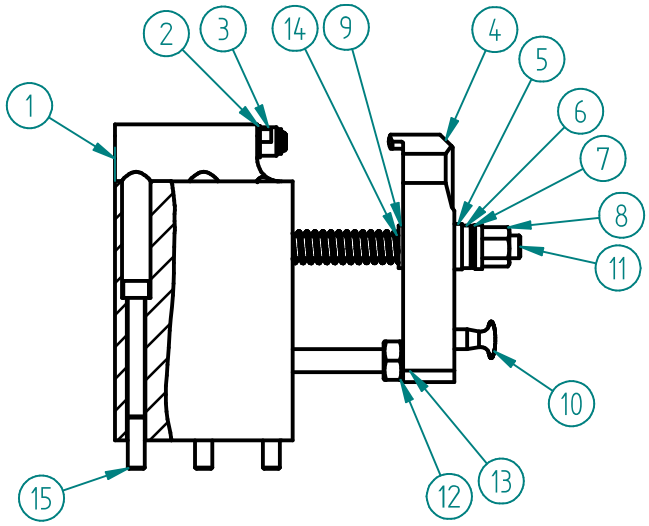
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Oil module

Author: Elia Menten, Thibault Mertens

Date: 21/04/2021

A4



Item Number	Name	Quantity	DWG No.
1	Block bottom right module	1	19
2	Washer 2 mm Atlas Copco	1	
3	02000-312 self-aligning pad Norelem	1	
4	Clamp M16 Atlas Copco	1	
5	Clamp sleeve Atlas Copco	1	
6	07420-216 conical seat Norelem	1	
7	07420-116 spherical washer Norelem	1	
8	07242-16 nut with no-loss washer Norelem	1	
9	Clamp washer Atlas Copco	1	
10	Knob Clamp Atlas Copco	1	
11	M16 x 200 threaded rod	1	
12	nut_din_6915_m16	1	
13	M16 x 120 threaded rod	1	
14	Spring Atlas Copco	1	
15	din_912-m12x1_75-120-12_9	6	

Scale	Projection	Comments	File Name	DWG No.
1:5			Z5/Z6 BH Fixture	7

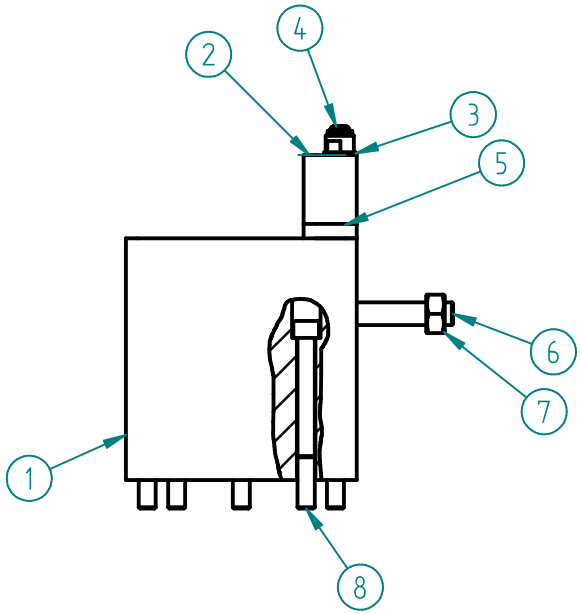
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Bottom right module

Author: Thibault Mertens, Elia Menten

Date: 21/04/2021

A4



Item Number	Name	Quantity	DWG No.
1	Block mid module	1	20
2	Mid module L-block	1	21
3	Washer 2 mm Atlas Copco	1	
4	02000-312 self-aligning pad Norelem	1	
5	screw_iso_10642-m10x20-12_9	2	
6	M16 x 105 threaded rod	1	
7	nut_din_6915_m16	1	
8	din_912-m12x1_75-120-12_9	6	

Scale	Projection	Comments	File Name	DWG No.
1:5			Z5/Z6 BH Fixture	8

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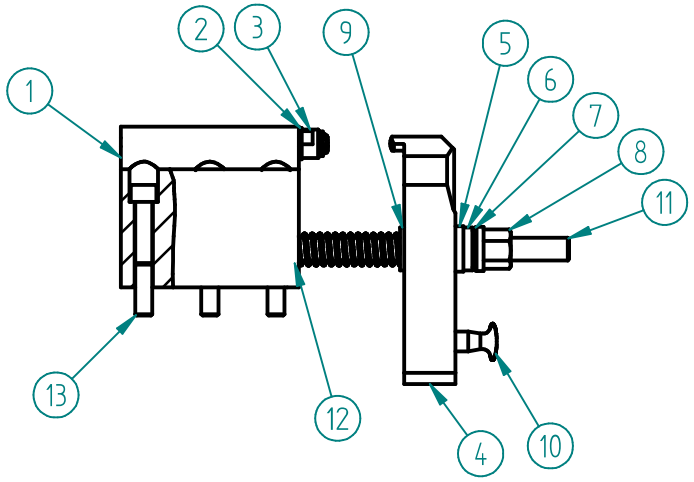
MECHANICAL ENGINEERING

Bottom mid module

Author: Thibault Mertens, Elia Menten | Date: 22/04/2021 | A4



Item Number	Name	Quantity	DWG No.
1	Z5 attachment block	1	22
2	Washer 2 mm Atlas Copco	1	
3	02000-312 self-aligning pad Norelem	1	
4	Clamp M16 Atlas Copco	1	
5	Clamp sleeve Atlas Copco	1	
6	07420-216 conical seat Norelem	1	
7	07420-116 spherical washer Norelem	1	
8	07242-16 nut with no-loss washer Norelem	1	
9	Clamp washer Atlas Copco	1	
10	Knob Clamp Atlas Copco	1	
11	M16 x 230 threaded rod	1	
12	Spring Atlas Copco	1	
13	din_912-m12x1_75-80-12_9	6	

Scale	Projection	Comments	File Name	DWG No.
1:5			Z5/Z6 BH Fixture	9

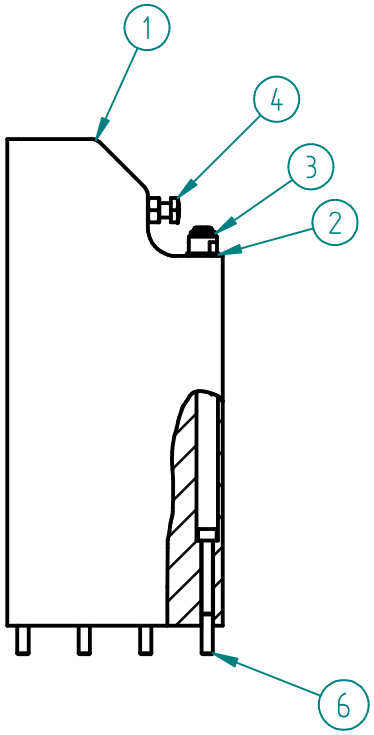
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Bottom mid Z5 attachment

Author: Thibault Mertens, Elia Menten

Date: 21/04/2021

A4



Item Number	Name	Quantity	DWG No.
1	Block bottom left module	1	23
2	Washer 2 mm Atlas Copco	1	
3	02000-312 self-aligning pad Norelem	1	
4	02153-10048 rest pad Norelem	1	
6	din_912-m8x1_25-80-12_9	8	

Scale	Projection	Comments	File Name	DWG No.
1:5			Z5/Z6 BH Fixture	10

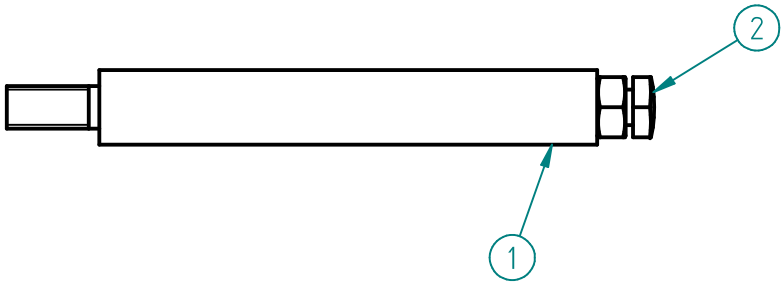
KATHOLIEKE UNIVERSITEIT
LEUVEN
MECHANICAL ENGINEERING

Bottom left module

Author: Thibault Mertens, Elia Menten

Date: 20/04/2021

A4



Item Number	Name	Quantity	DWG No.
1	Pin	1	24
2	02153-10048 rest pad Norelem	1	

Scale	Projection	Comments	File Name	DWG No.
1:2			Z5/Z6 BH Fixture	11

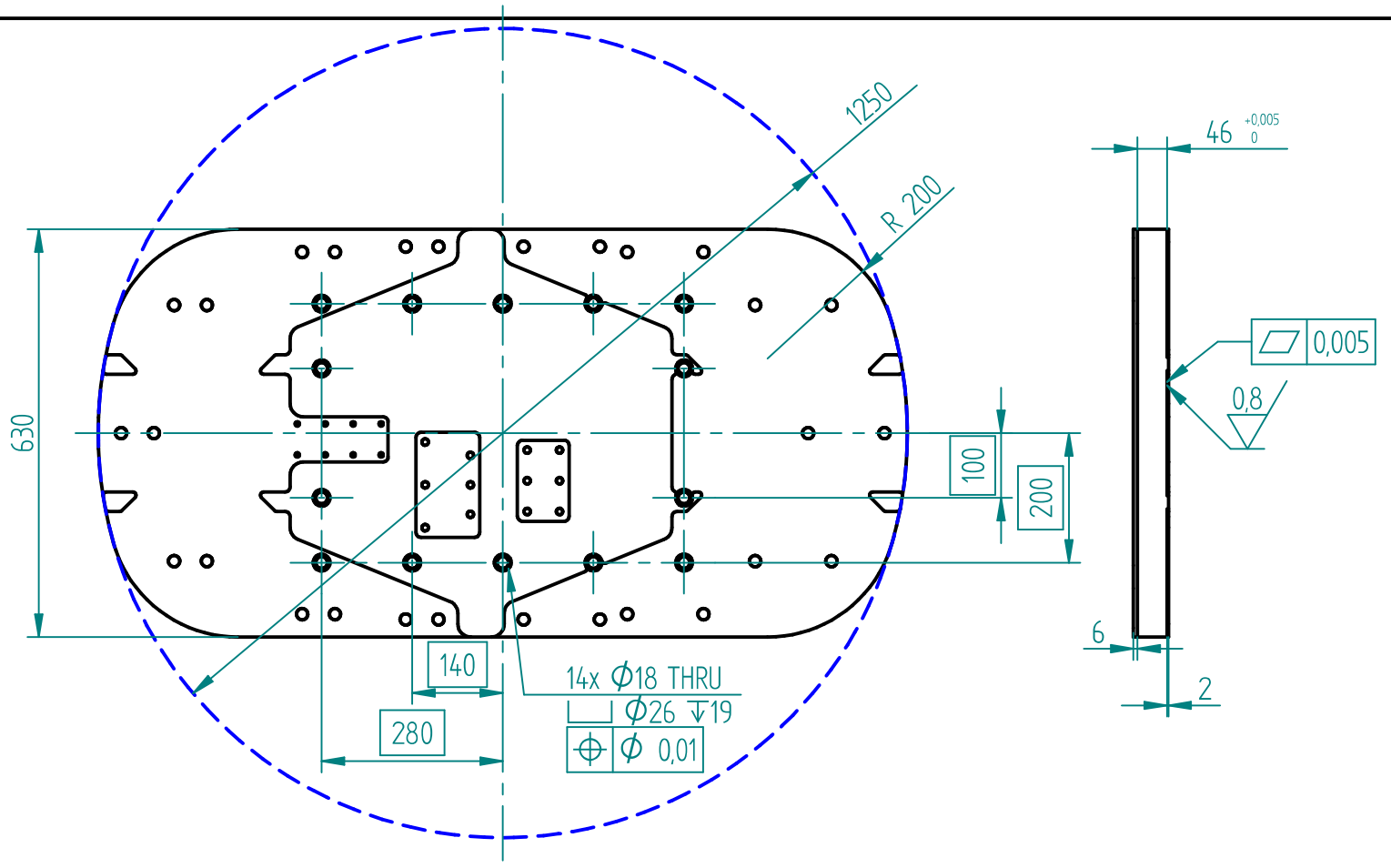
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

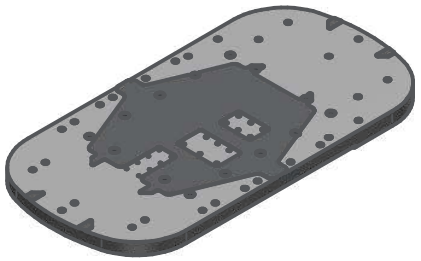
Locator pin Z6

Author: Thibault Mertens, Elia Menten

Date: 21/04/2021

A4





Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm − 0,1 mm	S355J0	12
Scale	Projection	Treatment	File Name / Quantity
1:10		Burs and sharp edges removed.	Z5/Z6 BH Fixture / 1

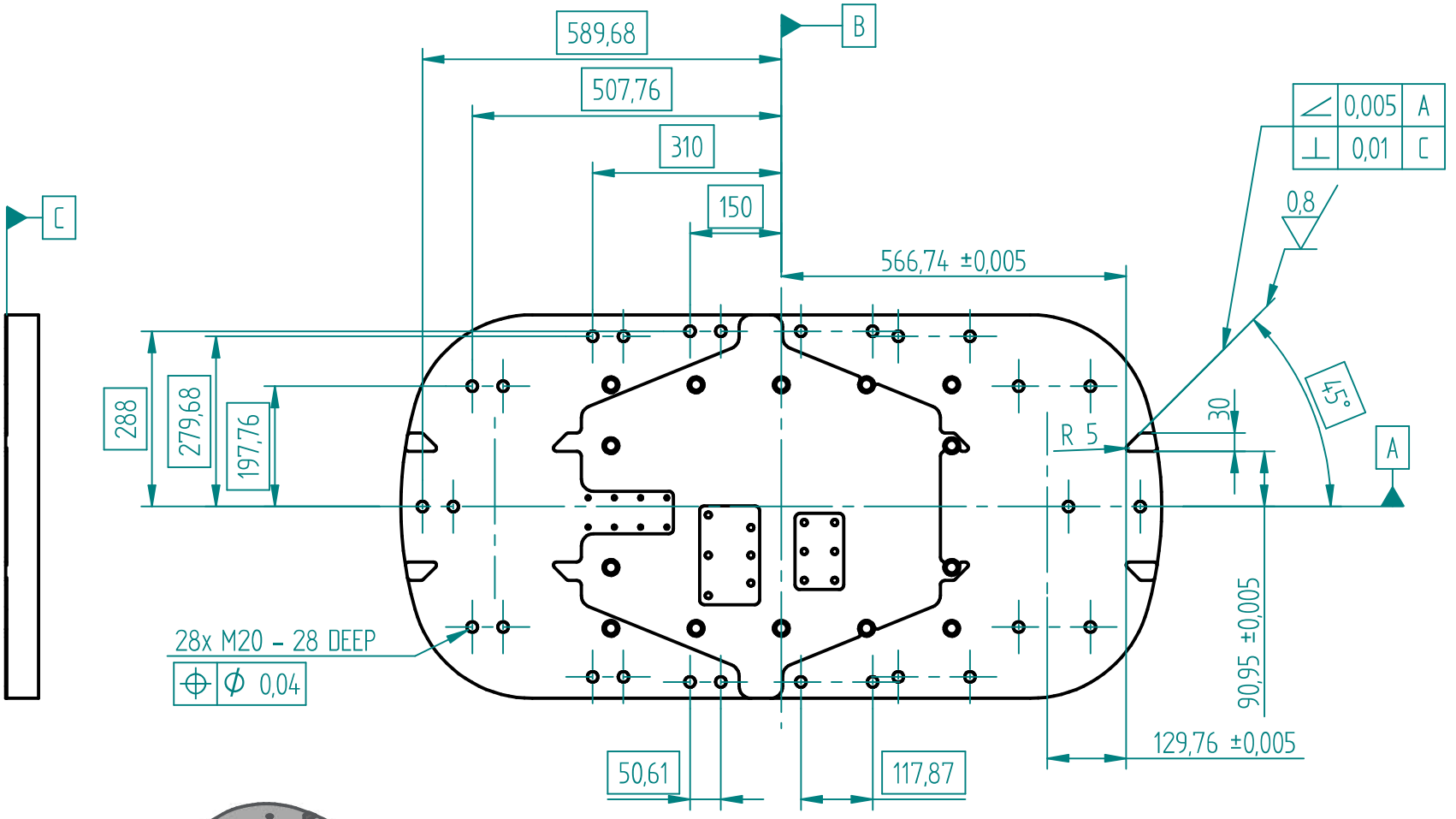
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

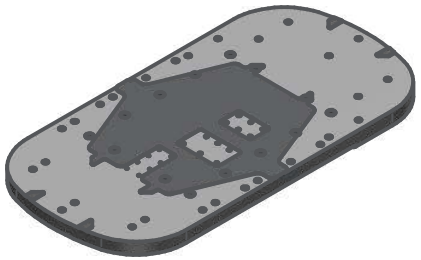
Base plate

Author: Thibault Mertens, Olivier Ndindayino, Elia Menten

Date: 24/04/2021

A4





KATHOLIEKE UNIVERSITEIT LEUVEN

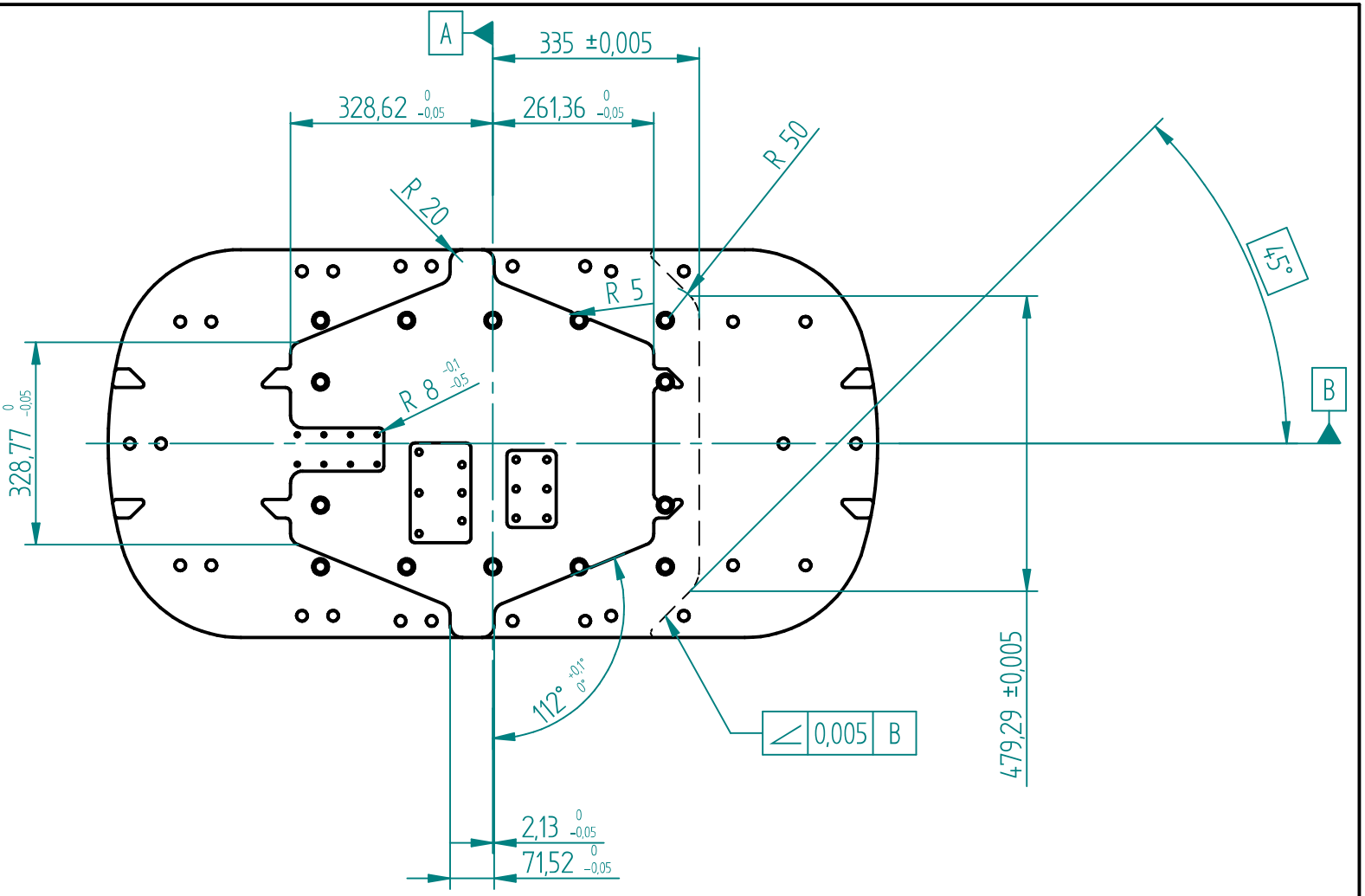
MECHANICAL ENGINEERING

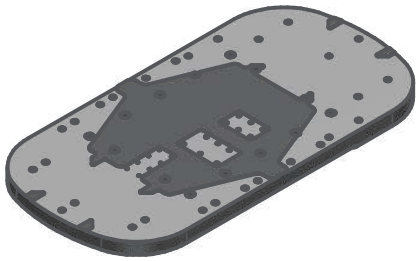
Base plate

Author: Thibault Mertens, Olivier Ndindayino, Elia Menten

Date: 24/04/2021

A4





KATHOLIEKE UNIVERSITEIT LEUVEN

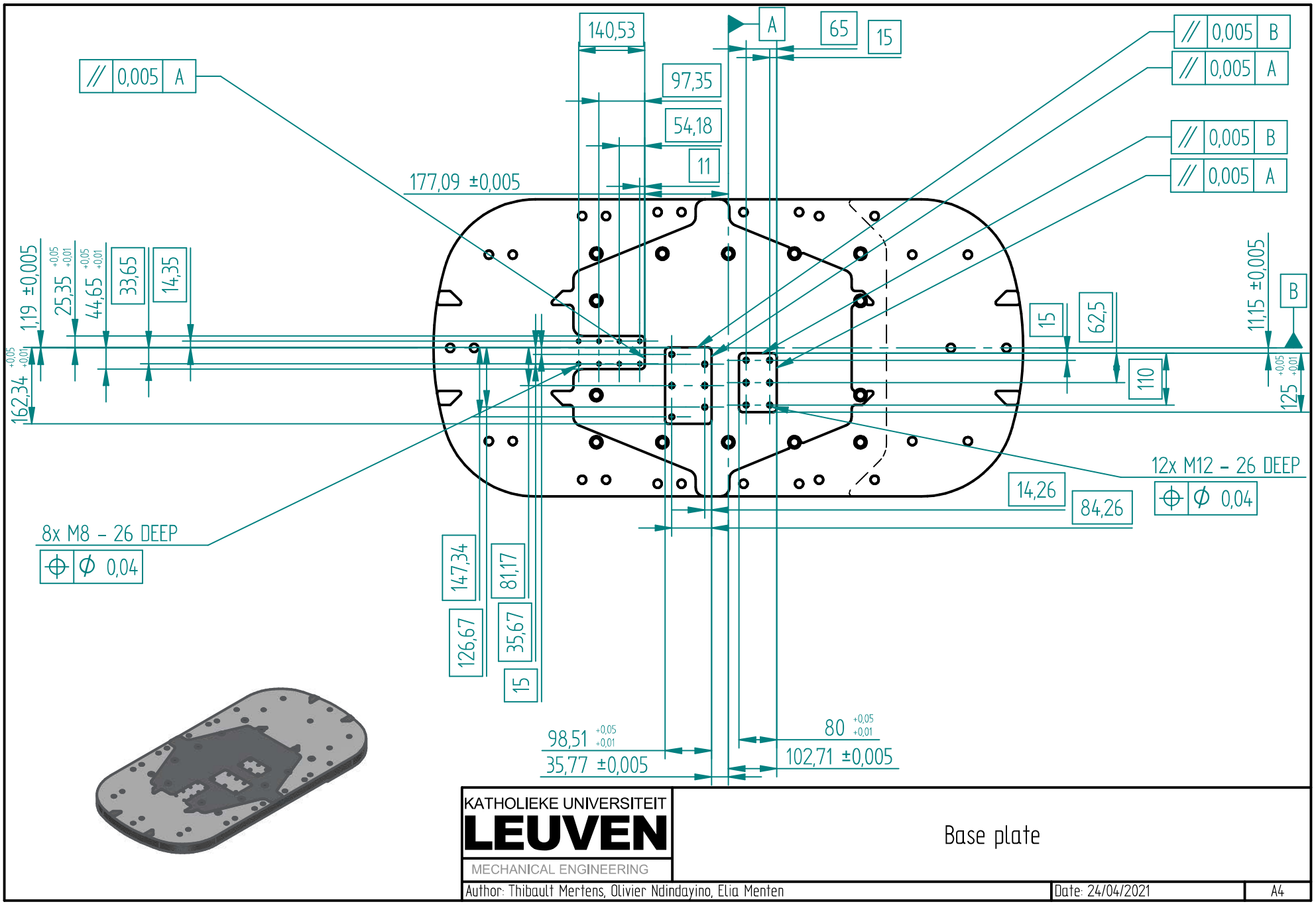
MECHANICAL ENGINEERING

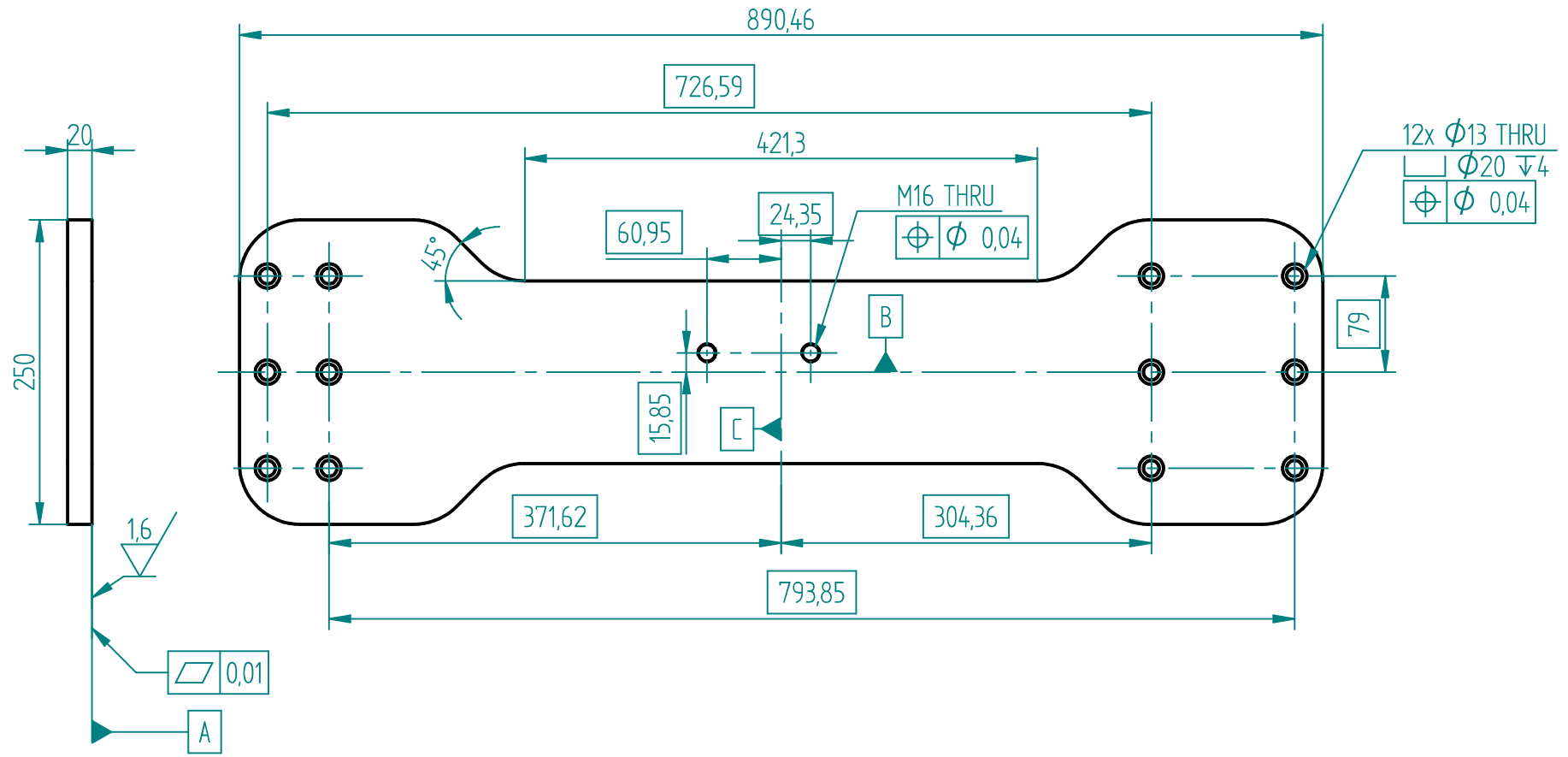
Base plate

Author: Thibault Mertens, Olivier Ndindayino, Elia Menten

Date: 24/04/2021

A4


140,53
A
65
15
// 0,005 A
97,35
54,18
11
177,09 ±0,005
// 0,005 B
// 0,005 A
// 0,005 B
// 0,005 A
1,19 ±0,005
25,35 +0,05 +0,01
44,65 +0,05 +0,01
33,65
14,35
162,34 +0,05 +0,01
15
62,5
110
11,15 ±0,005
B
125 +0,05 +0,01
12x M12 – 26 DEEP
⌖ Ø 0,04
14,26
84,26
8x M8 – 26 DEEP
⌖ Ø 0,04
147,34
81,17
126,67
35,67
15
98,51 +0,05 +0,01
35,77 ±0,005
80 +0,05 +0,01
102,71 ±0,005
KATHOLIEKE UNIVERSITEIT
LEUVEN
MECHANICAL ENGINEERING
Base plate
Author: Thibault Mertens, Olivier Ndindayino, Elia Menten
Date: 24/04/2021
A4

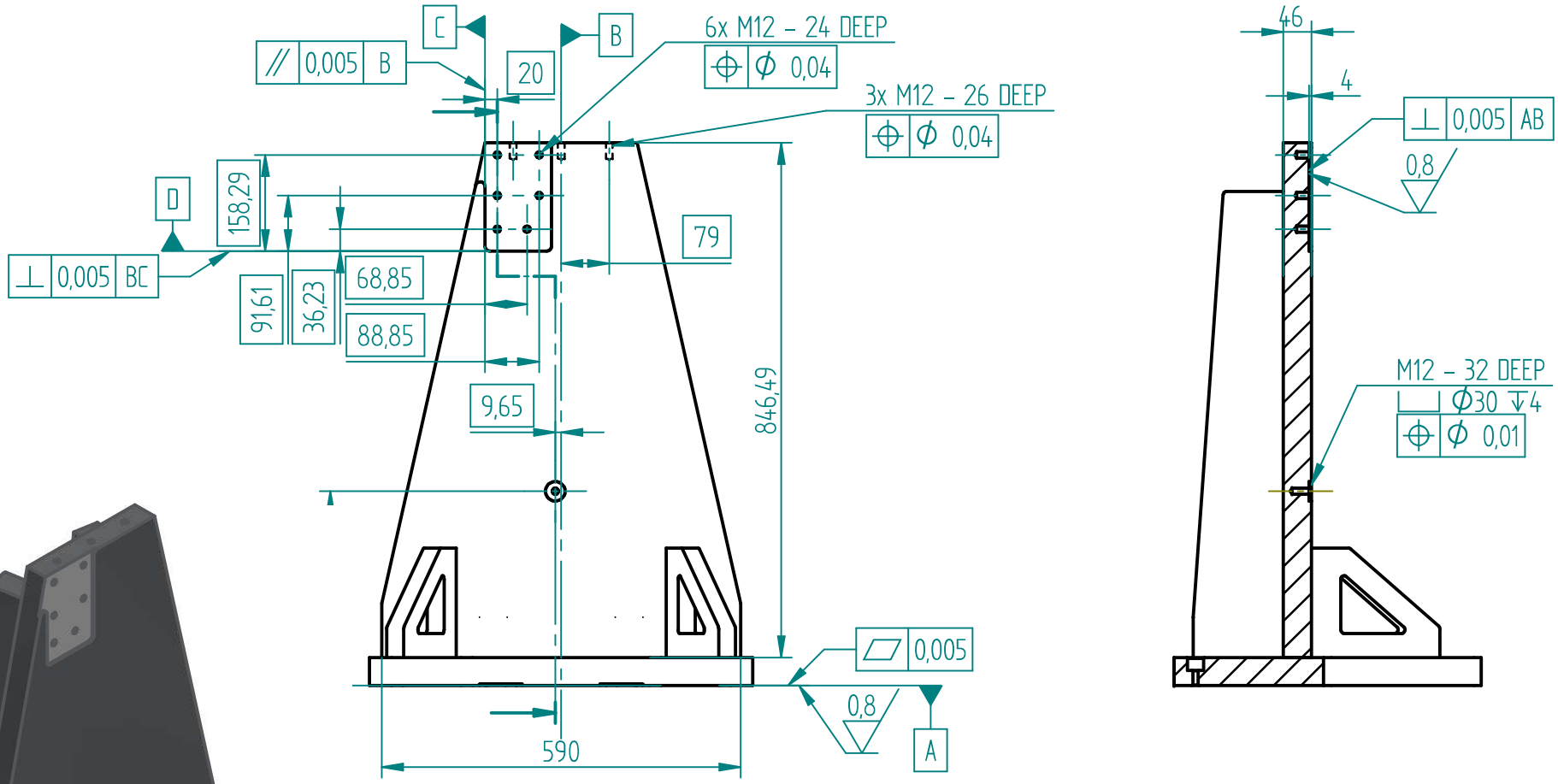


Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm − 0,1 mm	S355J0	13
Scale	**Projection**	**Treatment**	**File Name** / **Quantity**
1:5		Burs and sharp edges removed.	Z5/Z6 BH Fixture / 1

KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Bridge

Author: Thibault Mertens, Olivier Ndindayino | Date: 23/04/2021 | A4

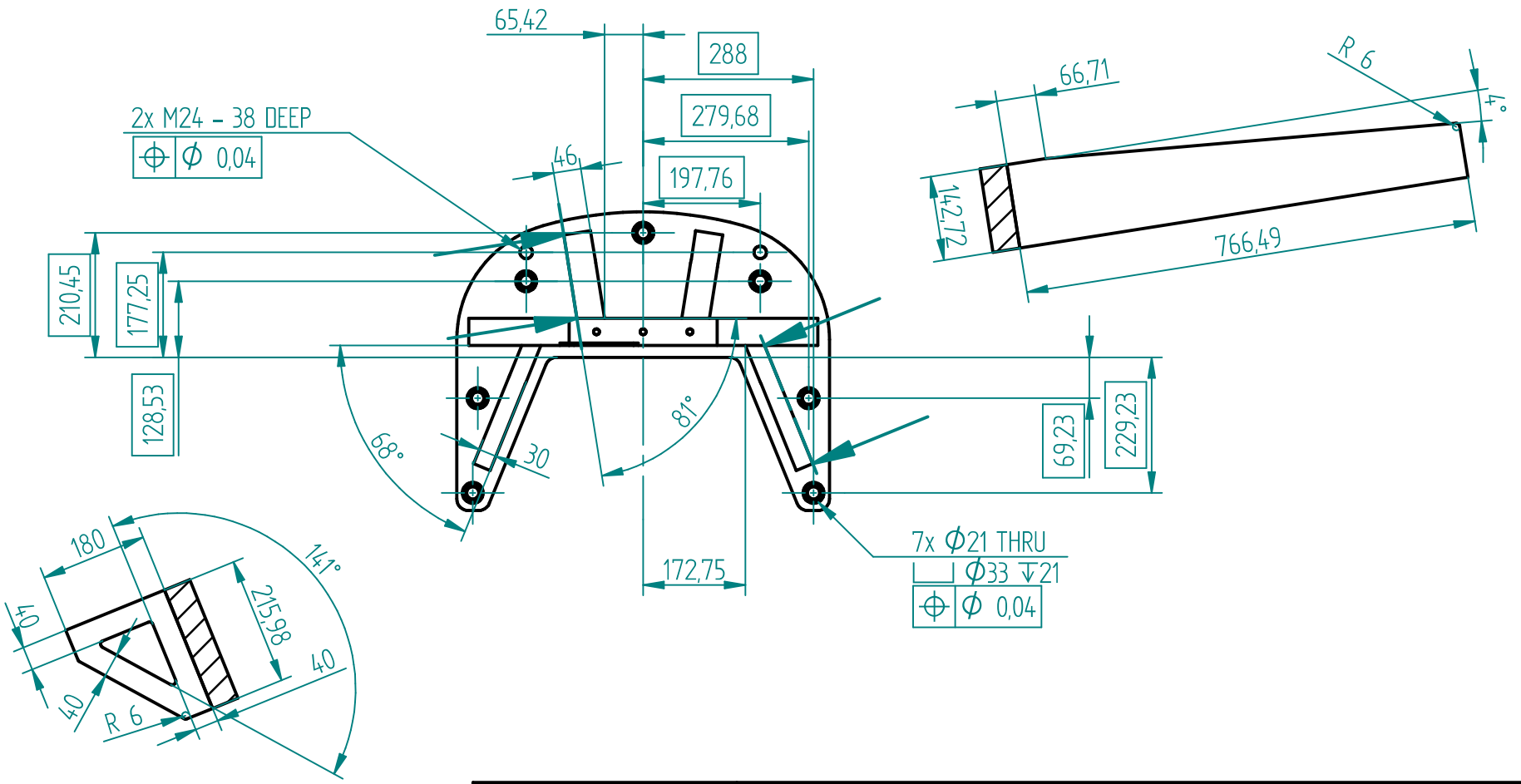


Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm − 0,1 mm	S355J0	14
Scale	**Projection**	**Treatment**	**File Name** / **Quantity**
1:10		Welded across all connections. 10 mm bead size. Machined surfaces to be machined when post is mounted to base plate.	Z5/Z6 BH Fixture / 1

KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Left post weldment

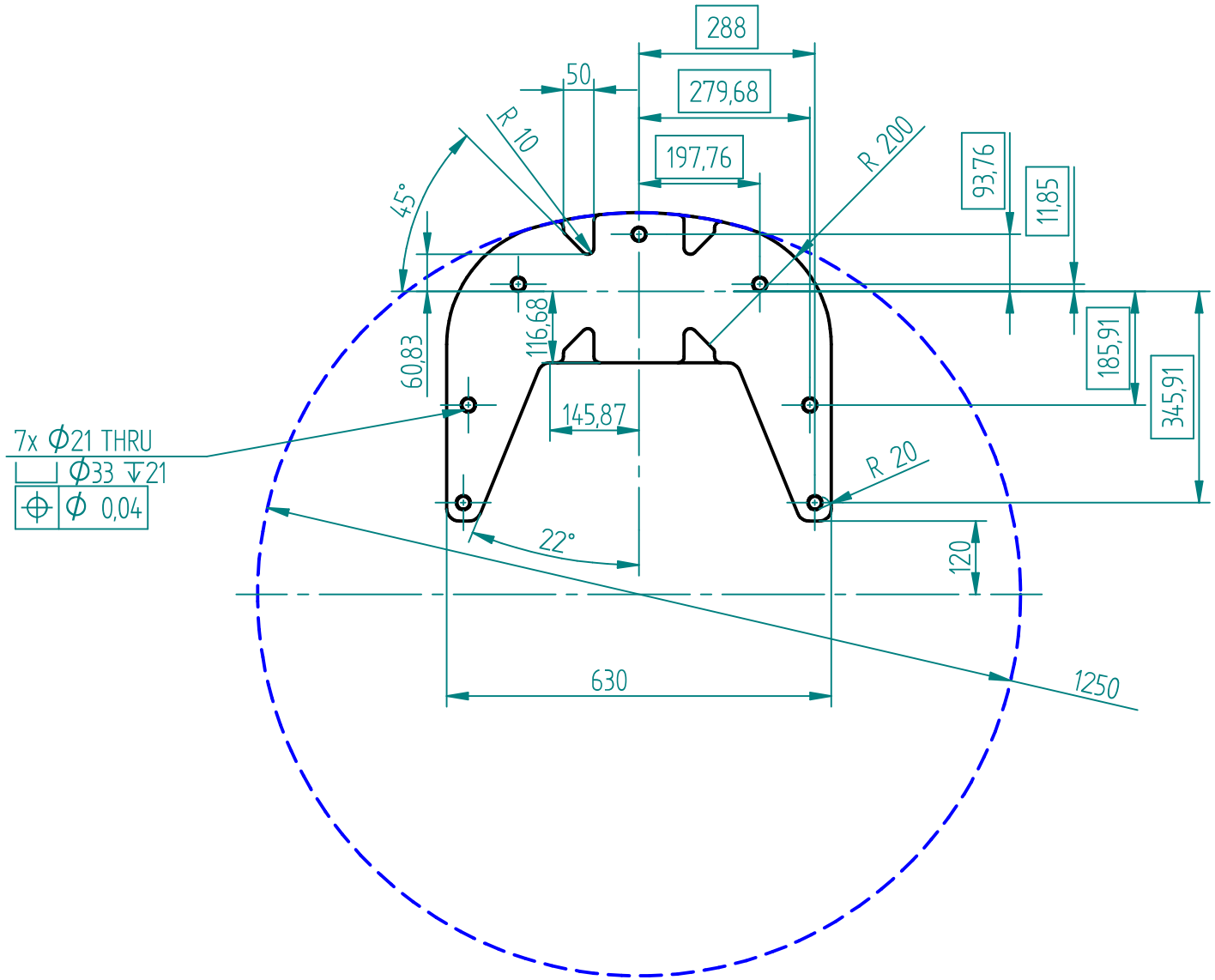
Author: Olivier Ndindayino, Thibault Mertens | Date: 24/04/2021 | A4



KATHOLIEKE UNIVERSITEIT
LEUVEN
MECHANICAL ENGINEERING

Left post weldment

Author: Olivier Ndindayino, Thibault Mertens | Date: 24/04/2021 | A4



KATHOLIEKE UNIVERSITEIT LEUVEN

MECHANICAL ENGINEERING

Left post weldment

Author: Olivier Ndindayino, Thibault Mertens

Date: 24/04/2021

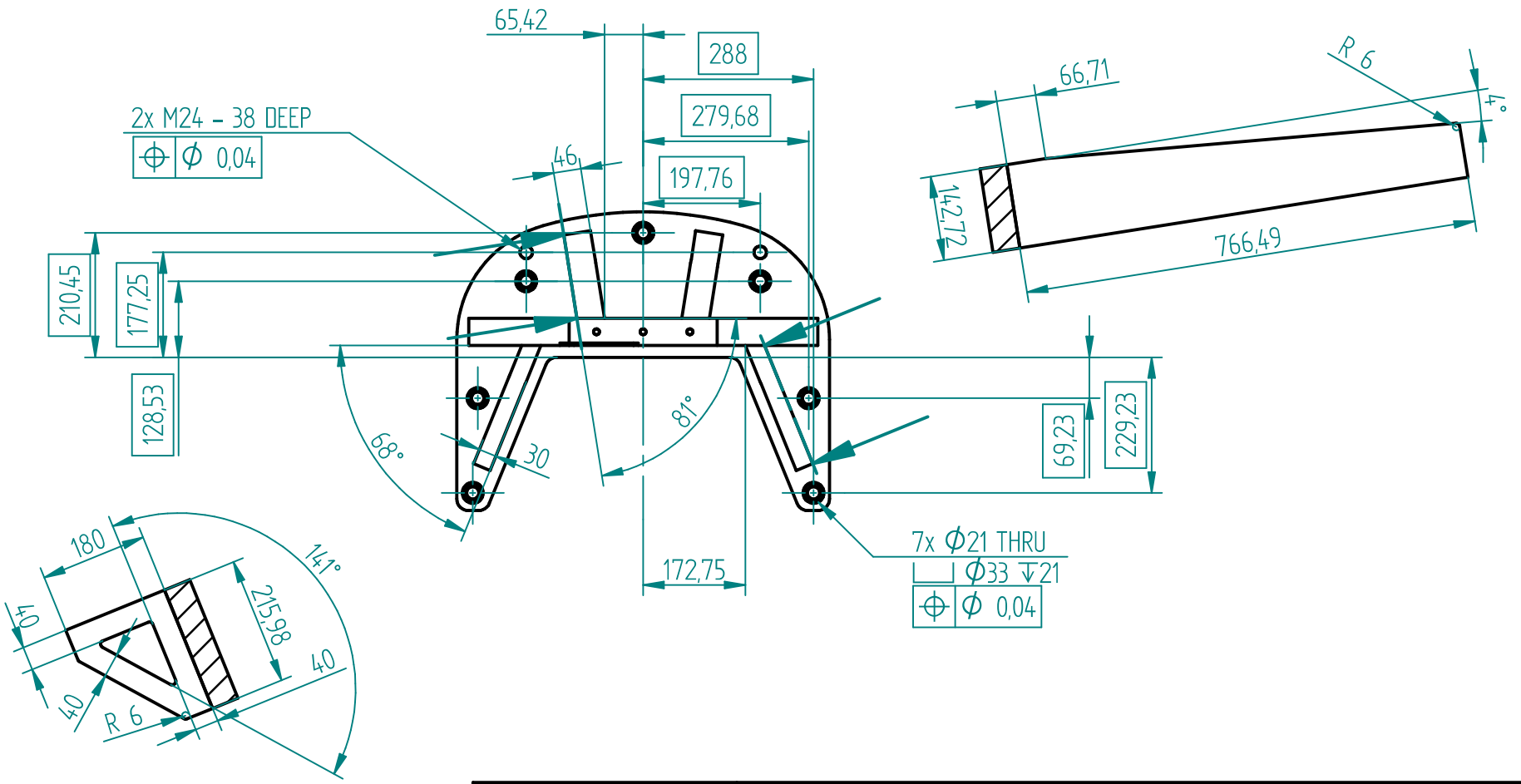
A4

Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm − 0,1 mm	S355J0	15
Scale	Projection	Treatment	File Name / Quantity
1:10		Welded across all connections. 10 mm bead size. Machined surfaces to be machined when post is mounted to base plate.	Z5/Z6 BH Fixture / 1

KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Oil post weldment

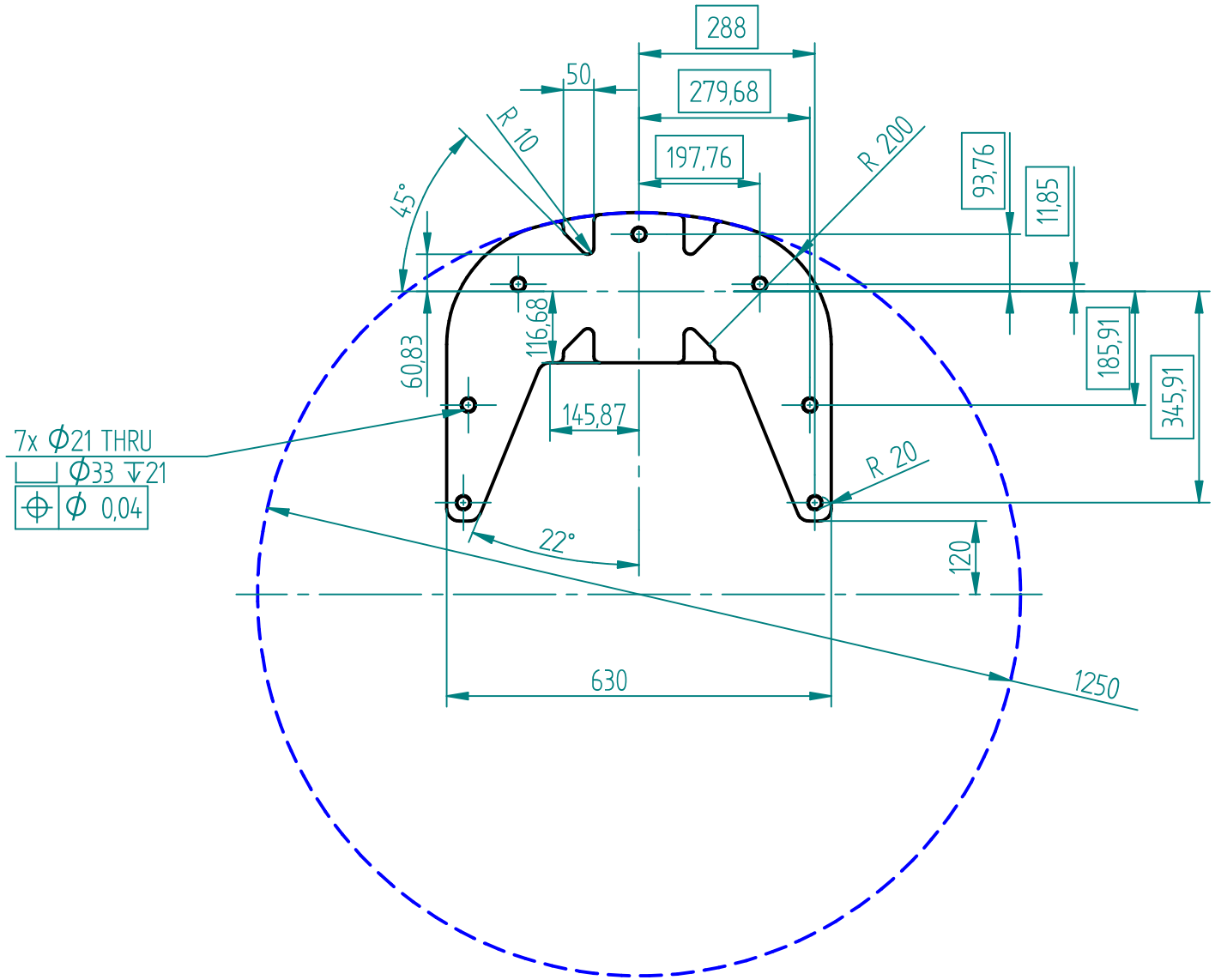
Author: Olivier Ndindayino, Thibault Mertens | Date: 24/04/2021 | A4



KATHOLIEKE UNIVERSITEIT
LEUVEN
MECHANICAL ENGINEERING

Oil post weldment

Author: Olivier Ndindayino, Thibault Mertens | Date: 24/04/2021 | A4



KATHOLIEKE UNIVERSITEIT LEUVEN

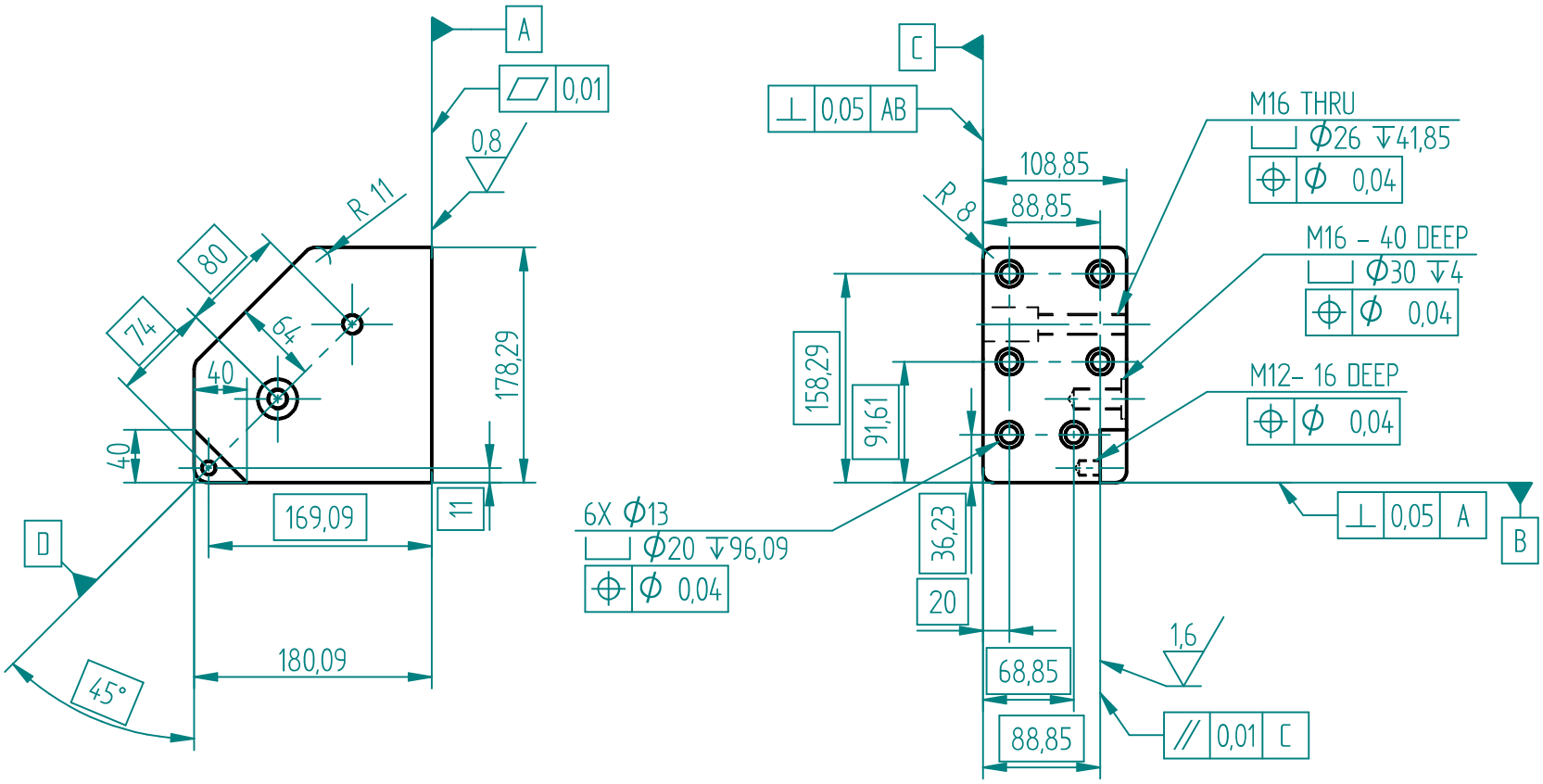
MECHANICAL ENGINEERING

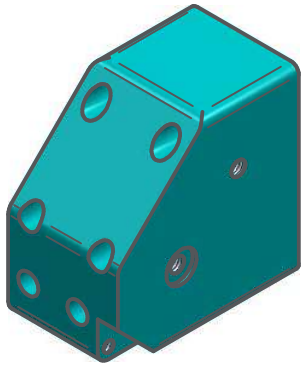
Oil post weldment

Author: Olivier Ndindayino, Thibault Mertens

Date: 24/04/2021

A4



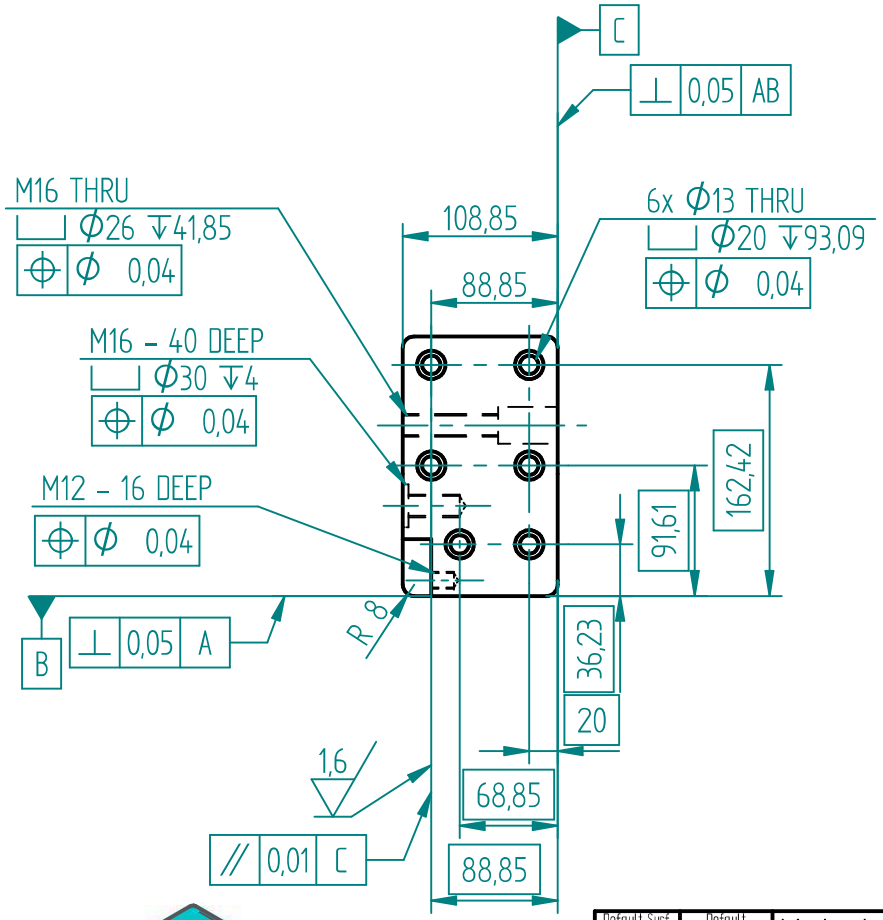


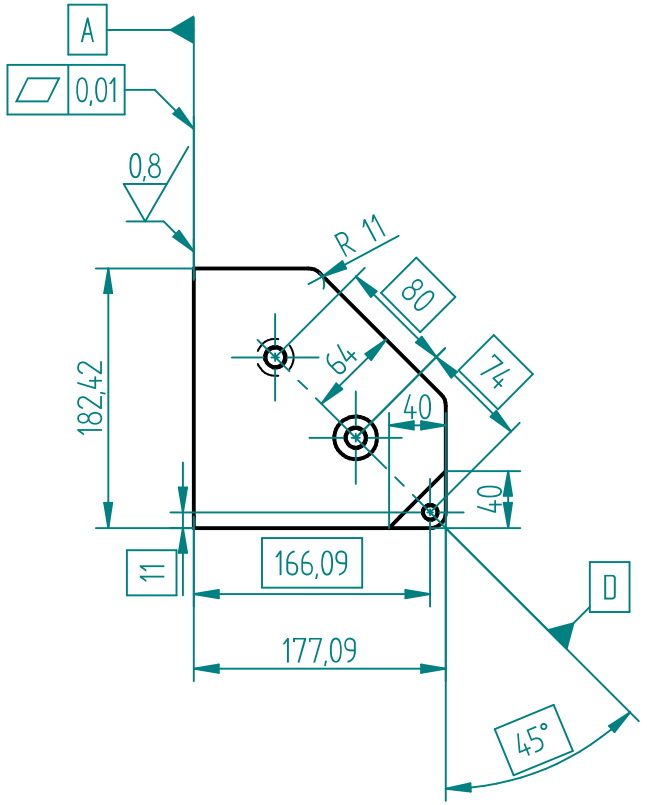
Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm − 0,1 mm	S355J0	16
Scale	Projection	Treatment	File Name / Quantity
1:5		Burs and sharp edges removed.	Z5/Z6 BH Fixture / 1

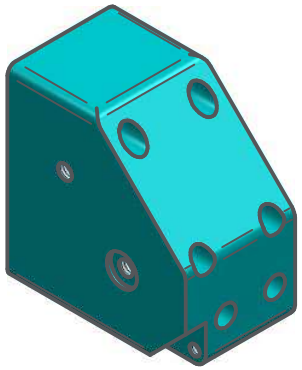
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Block top left module

Author: Elia Menten, Thibault Mertens | Date: 22/04/2021 | A4





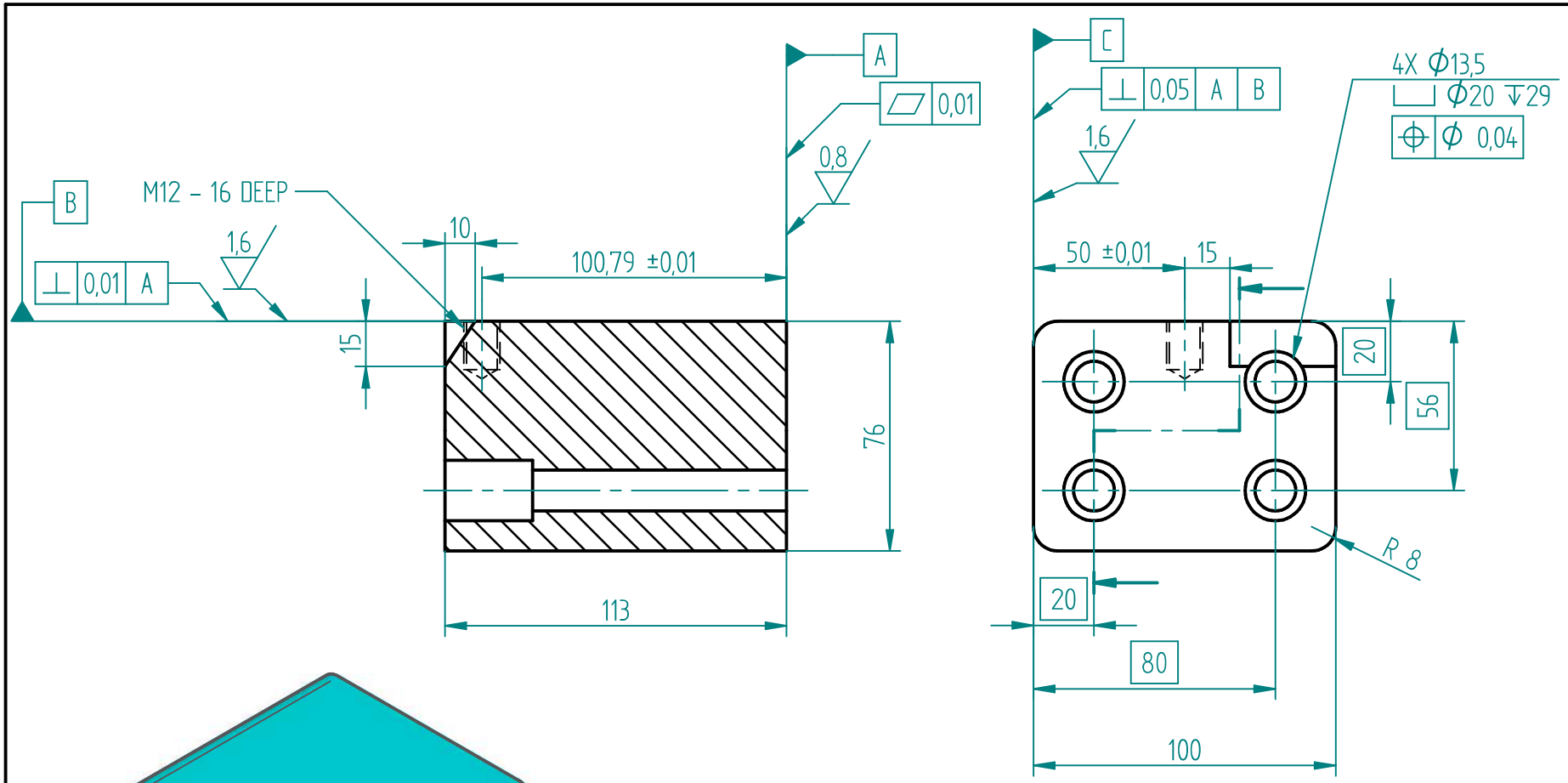


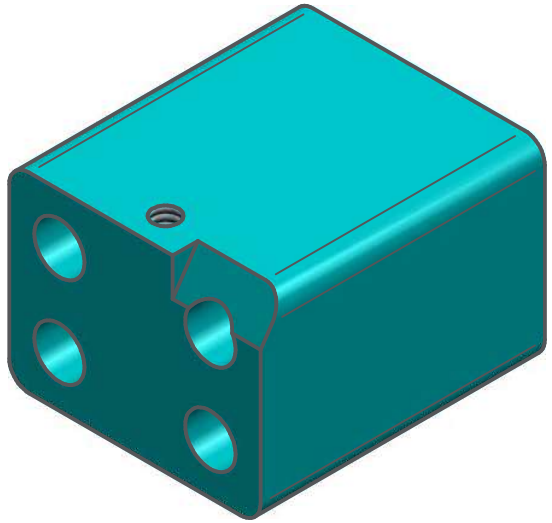
Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm − 0,1 mm	S355J0	17
Scale	**Projection**	**Treatment**	**File Name** / **Quantity**
1:5		Burs and sharp edges removed.	Z5/Z6 BH Fixture / 1

KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Block top right module

Author: Elia Menten, Thibault Mertens | Date: 22/04/2021 | A4





Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm – 0,1 mm	S355J0	18
Scale	Projection	Treatment	File Name / Quantity
1:2		Burs and sharp edges removed	Z5/Z6 BH Fixture / 1

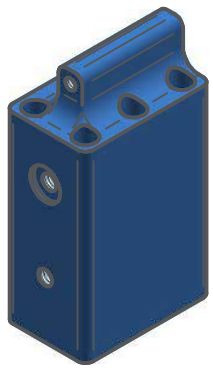
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Block oil module

Author: Thibault Mertens, Elia Menten

Date: 19/04/2021

A4

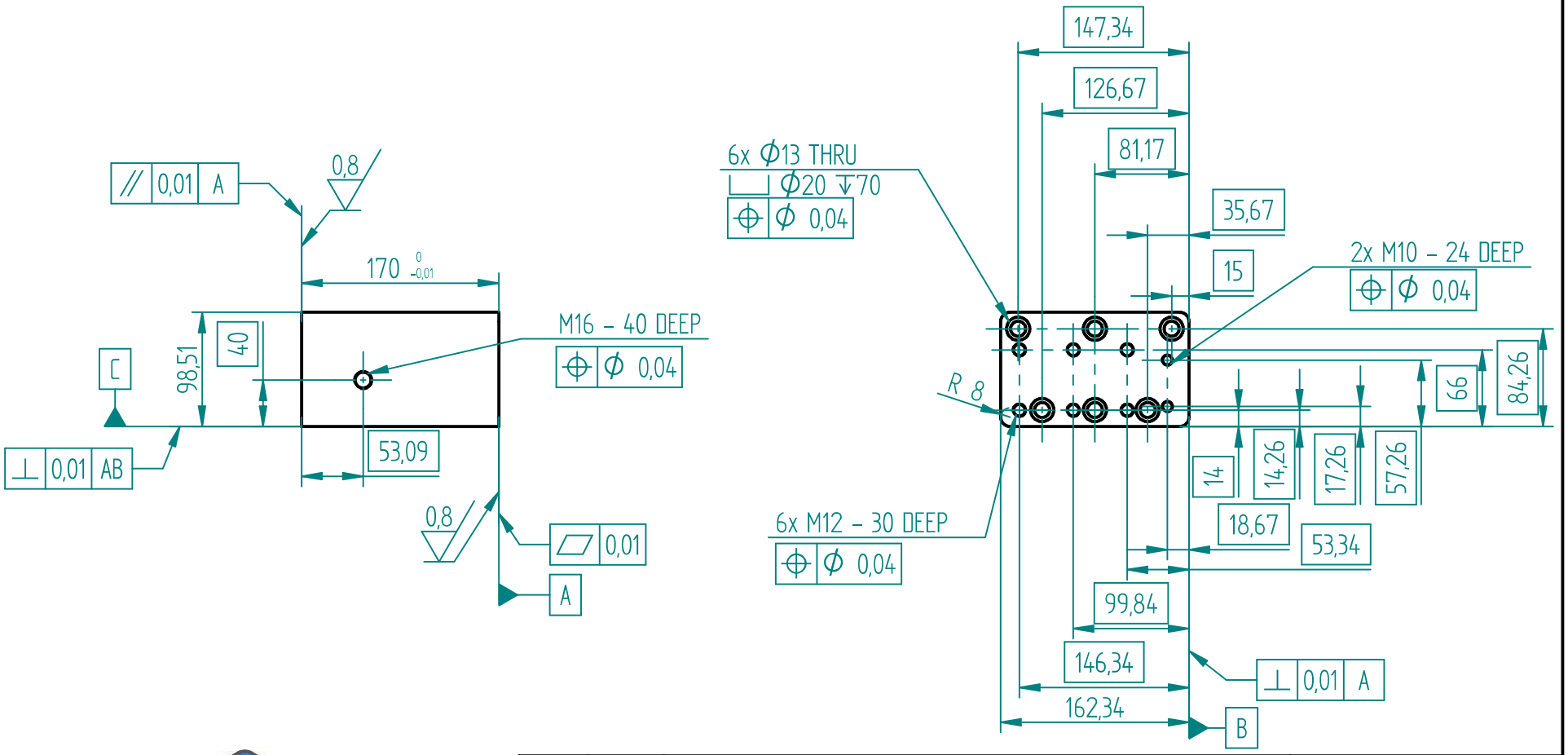


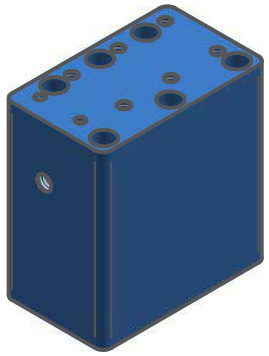
Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm − 0,1 mm	S355J0	19
Scale	**Projection**	**Treatment**	**File Name** / **Quantity**
1:5		Burs and sharp edges removed. Top round rolled around corner.	Z5/Z6 BH Fixture / 1

KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Block bottom right module

Author: Thibault Mertens, Elia Menten | Date:23/04/2021 | A4



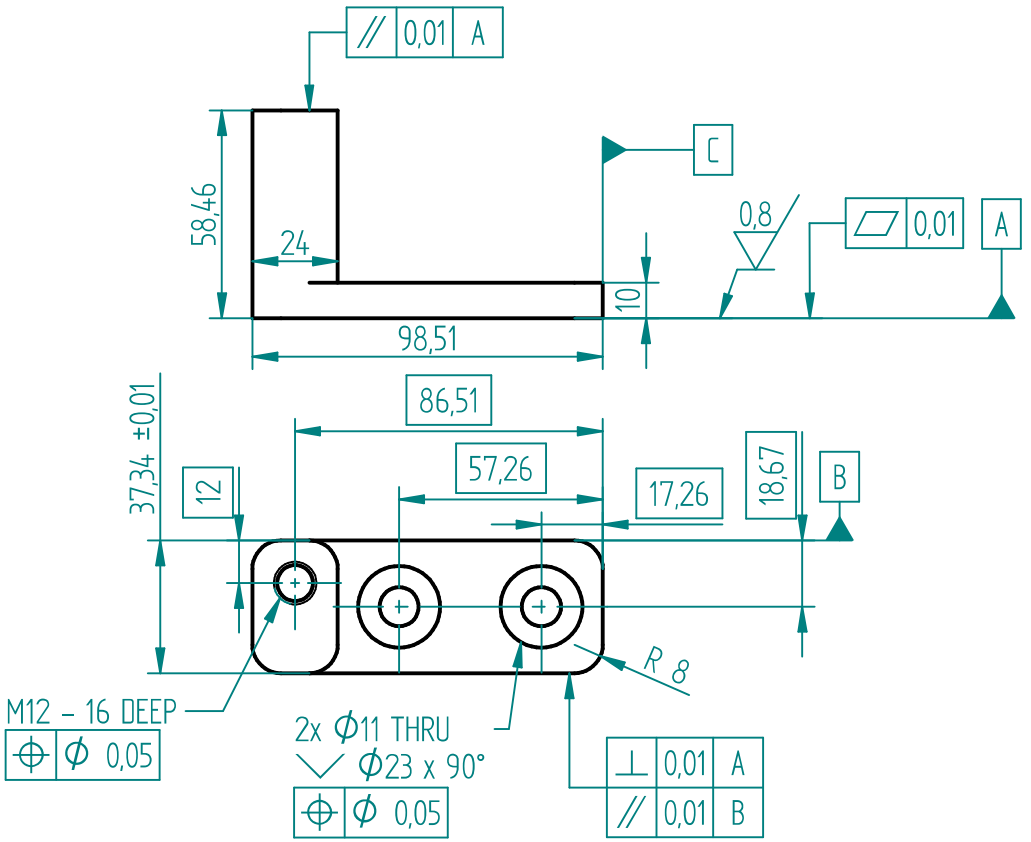


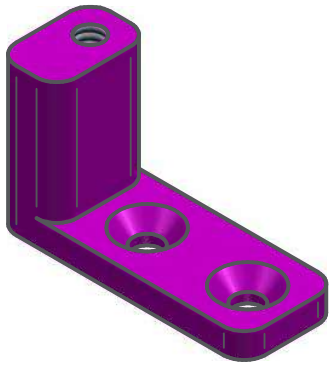
Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm − 0,1 mm	S355J0	20
Scale	Projection	Treatment	File Name / Quantity
1:5		Burs and sharp edges removed.	Z5/Z6 BH Fixture / 1

KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Block mid module

Author: Thibault Mertens | Date: 23/04/2021 | A4



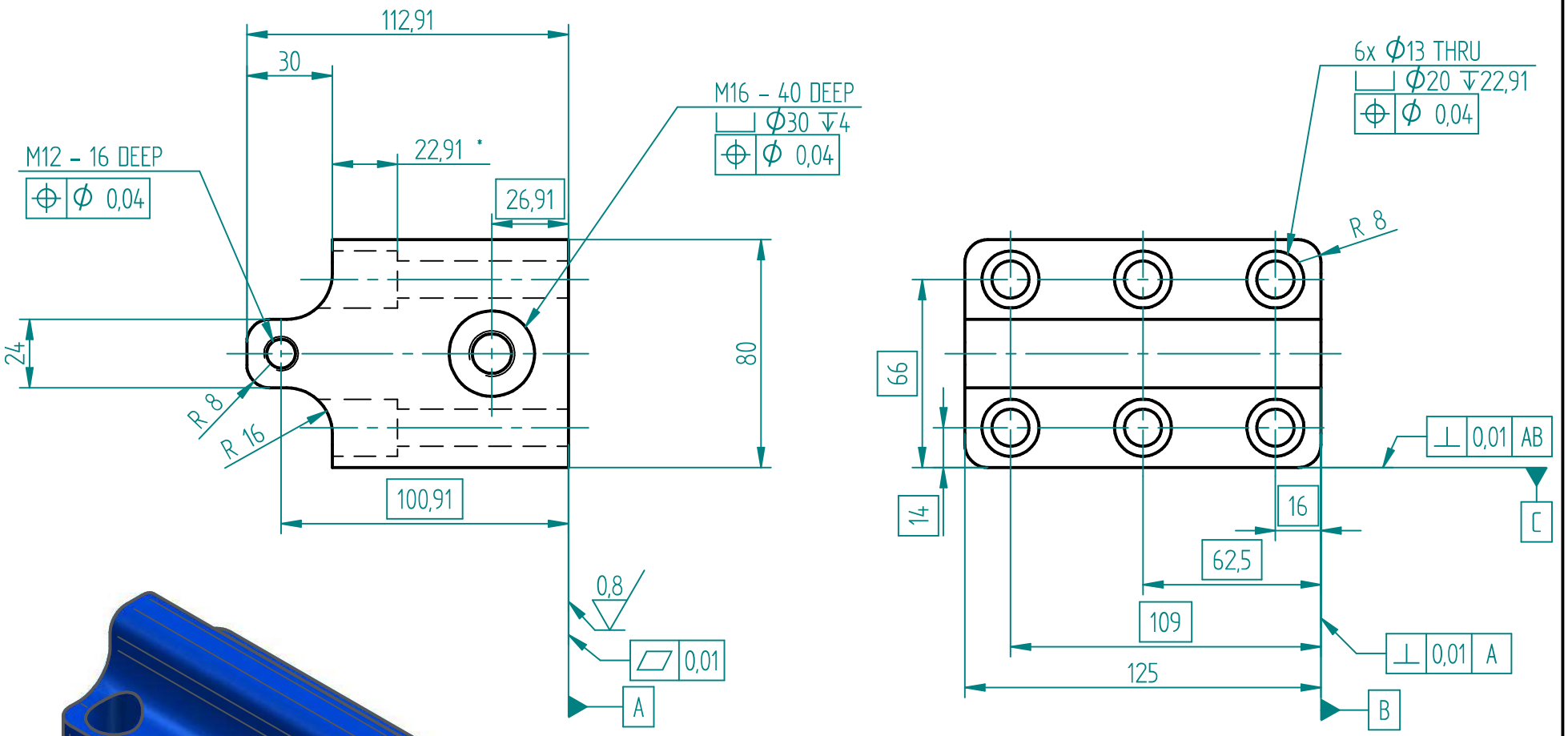


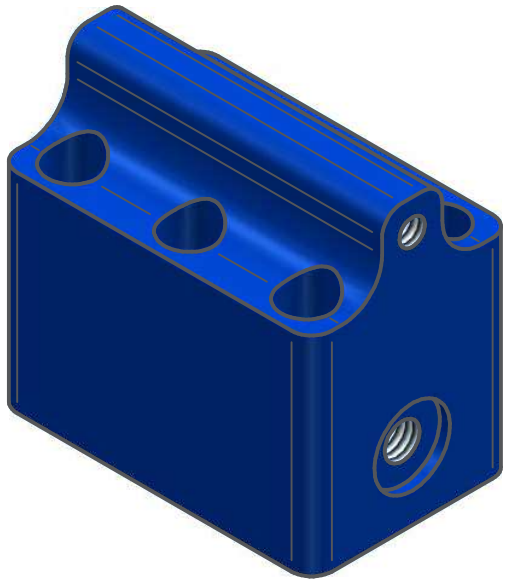
Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm – 0,1 mm	S355J0	21
Scale	Projection	Treatment	File Name / Quantity
1:2		Burs and sharp edges removed	Z5/Z6 BH Fixture / 1

KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Mid module L-block

Author: Thibault Mertens | Date: 20/04/2021 | A4





Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm − 0,1 mm	S355J0	22
Scale	Projection	Treatment	File Name / Quantity
1:2		Burs and sharp edges removed.	Z5/Z6 BH Fixture / 1

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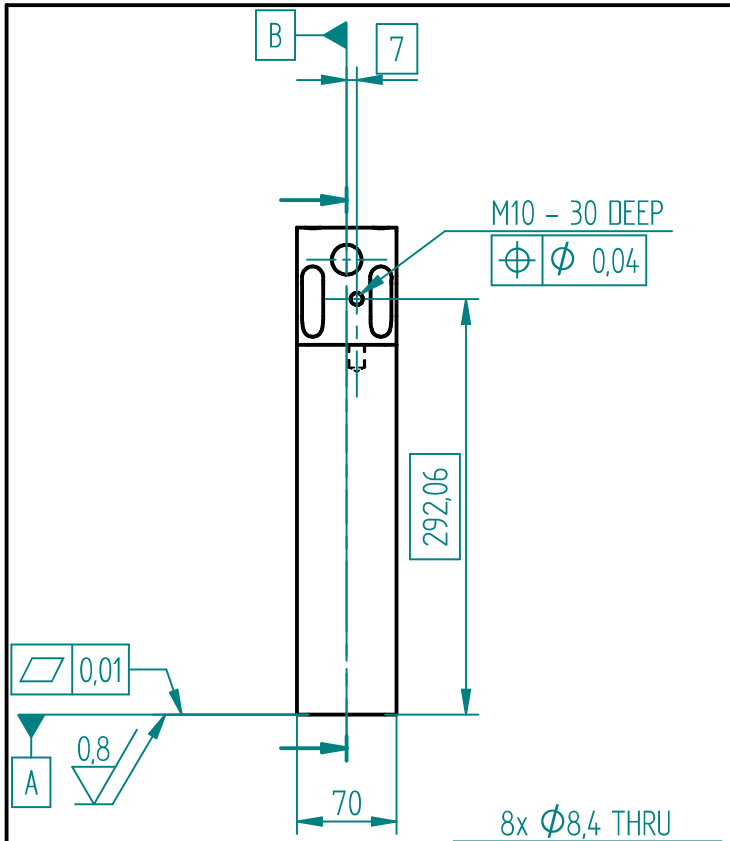
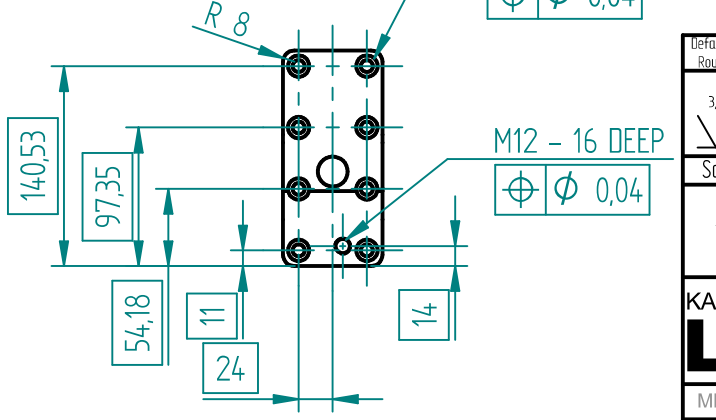
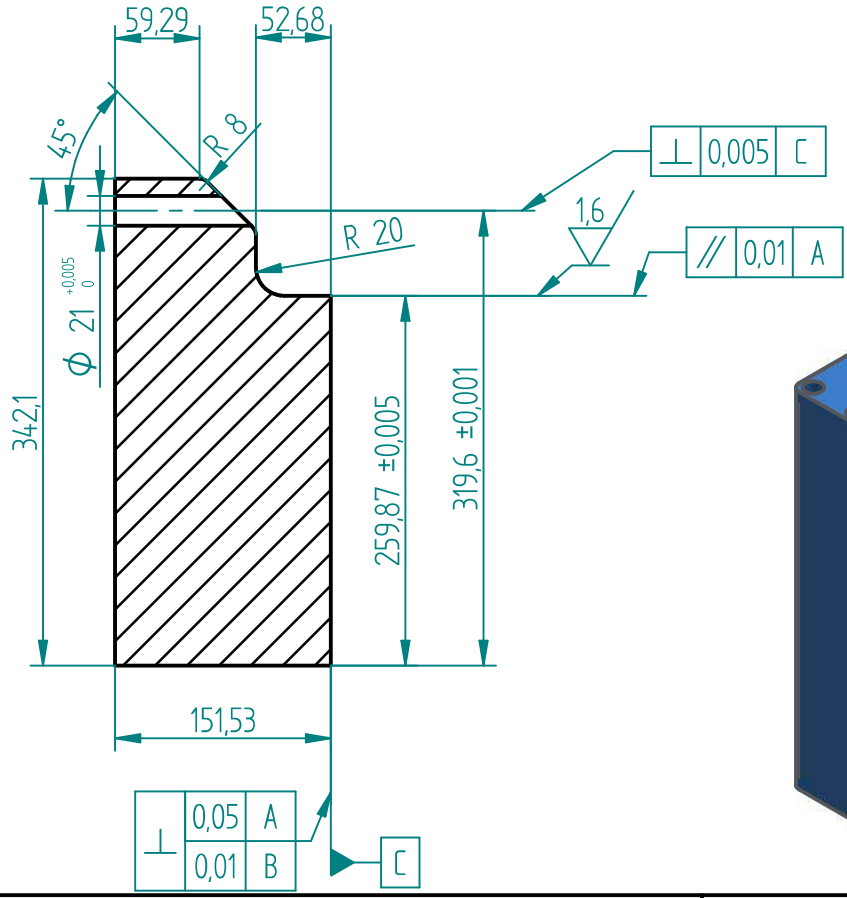
MECHANICAL ENGINEERING

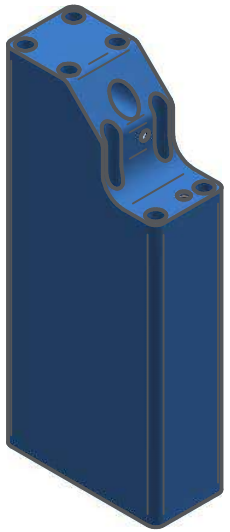
Z5 attachment block

Author: Thibault Mertens | Date: 23/04/2021 | A4







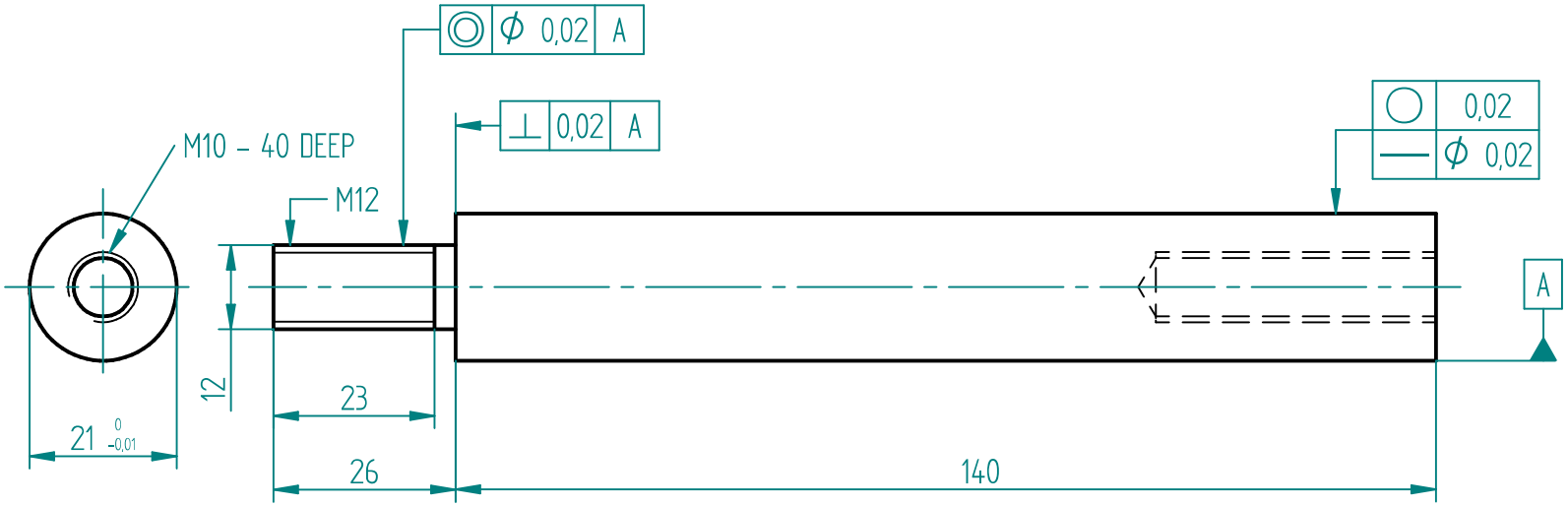


Default Surf. Roughness	Default Tolerance	Material	Drawing No.
3,2	+ 0,1 mm – 0,1 mm	S355J0	23
Scale	Projection	Treatment	File Name / Quantity
1:5		Burs and sharp edges removed. Socket head depth measured from top plane.	Z5/Z6 BH Fixture / 1

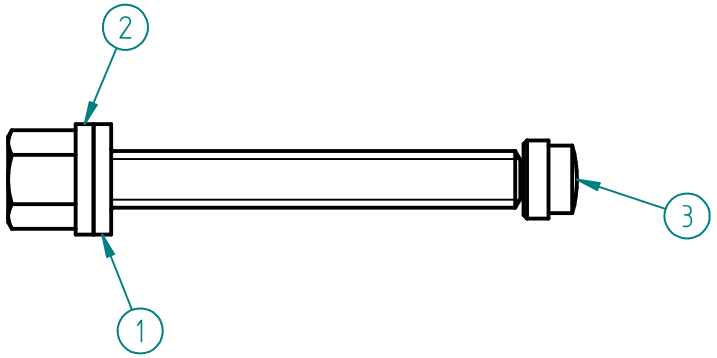
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Block bottom left module

Author: Thibault Mertens, Elia Menten | Date: 24/04/2021 | A4



Default Surf. Roughness: 3,2	Default Tolerance: + 0,1 mm – 0,1 mm	Material: S355J0	Drawing No.: 24	
Scale: 1:1	Projection	Treatment	File Name: Z5/Z6 BH Fixture	Quantity: 1
KATHOLIEKE UNIVERSITEIT LEUVEN MECHANICAL ENGINEERING		Pin		
Author: Thibault Mertens, Elia Menten			Date: 24/04/2021	A4



Item Number	Name	Quantity
1	Claming screw	1
2	Screw cap	1
3	Pressing head	1

Scale	Projection	Comments	File Name	DWG No.
1:2			Z5/Z6 BH Fixture	25

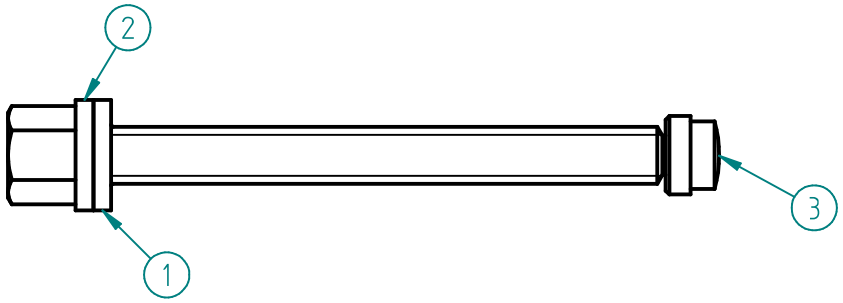
KATHOLIEKE UNIVERSITEIT
LEUVEN
MECHANICAL ENGINEERING

Top clamp Atlas Copco

Author: /

Date: 22/04/2021

A4



Item Number	Name	Quantity
1	Clamping screw long	1
2	Screw cap	1
3	Pressing head	1

Scale	Projection	Comments	File Name	DWG No.
1:2			Z5/Z6 BH Fixture	26

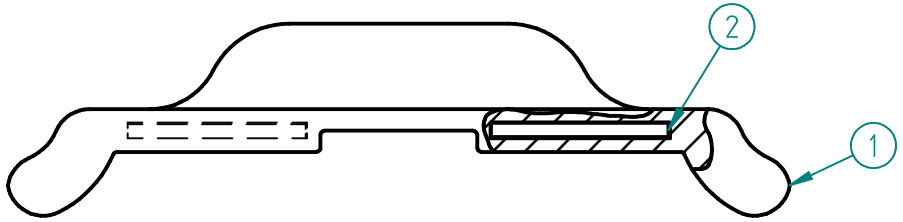
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Side clamp

Author: /

Date: 22/04/2021

A4



Item Number	Name	Quantity
1	Cover	1
2	Magnet 25 x 2 x 6	4

Scale	Projection	Comments	File Name	DWG No.
1:1		Magnets are embedded in the 3D print.	Z5/Z6 BH Fixture	27

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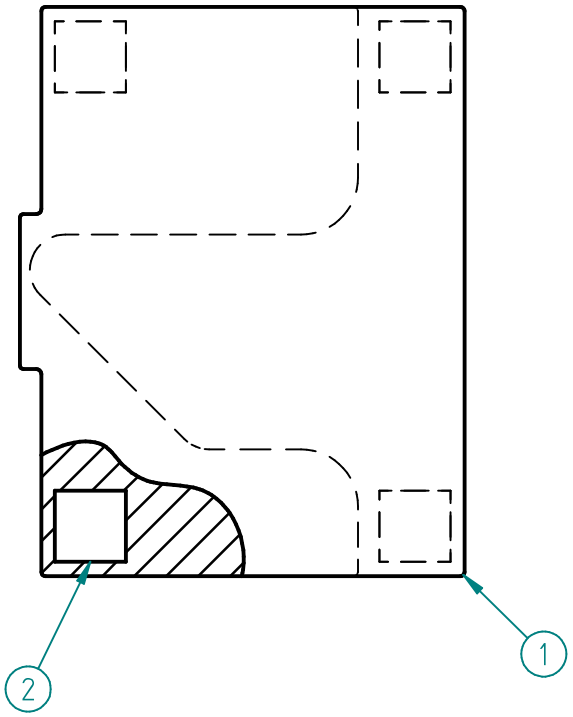
MECHANICAL ENGINEERING

Cover post

Author: Elia Menten, Thibault Mertens

Date: 22/04/2021

A4



Item Number	Name	Quantity
1	Left cover	1
2	Magnet 10 x 10 x 10	4

Scale	Projection	Comments	File Name	DWG No.
1:1		Magnets are embedded in the 3D print.	Z5/Z6 BH Fixture	28

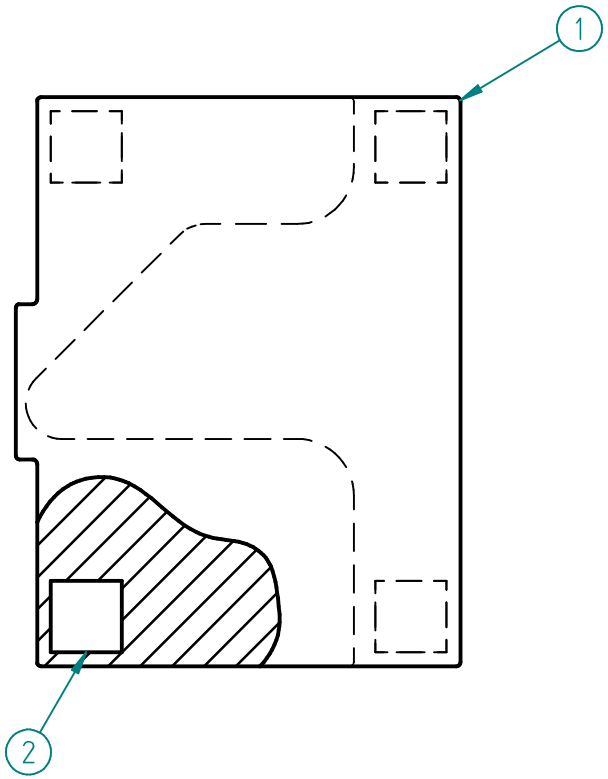
KATHOLIEKE UNIVERSITEIT LEUVEN
MECHANICAL ENGINEERING

Left base plate cover

Author: Elia Menten, Thibault Mertens

Date: 22/04/2021

A4



Item Number	Name	Quantity
1	Right cover	1
2	Magnet 10 x 10 x 10	4

Scale	Projection	Comments	File Name	DWG No.
1:1		Magnets are embedded in the 3D print.	Z5/Z6 BH Fixture	29

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Right base plate cover

Author: Elia Menten, Thibault Mertens | Date: 22/04/2021 | A4