

Appendix

- Technical drawings for the first structure.

- List of parts.
- Metal sheet for the fixing points on both sides of the shaft (Endconnector).
- Metal sheet for the fixing poings below the shaft (down plate).
- Metal box for connecting the stator-ring (Meswelle box).
- L-shaped metal sheet for connecting the sensors (sensorplates).
- Profiles of the structure (Profiles).
- Assembly of the structure (possitions for assembly).

- Technical drawings for the second structure.

- List of parts.
- Metal sheet for the fixing points (connection plate).
- Metal sheet for connecting the sensors (sensor plate).
- Profiles of the structure (Profiles).
- Assembly of the structure (possitions for assembly).

- Technical drawings for the third structure.

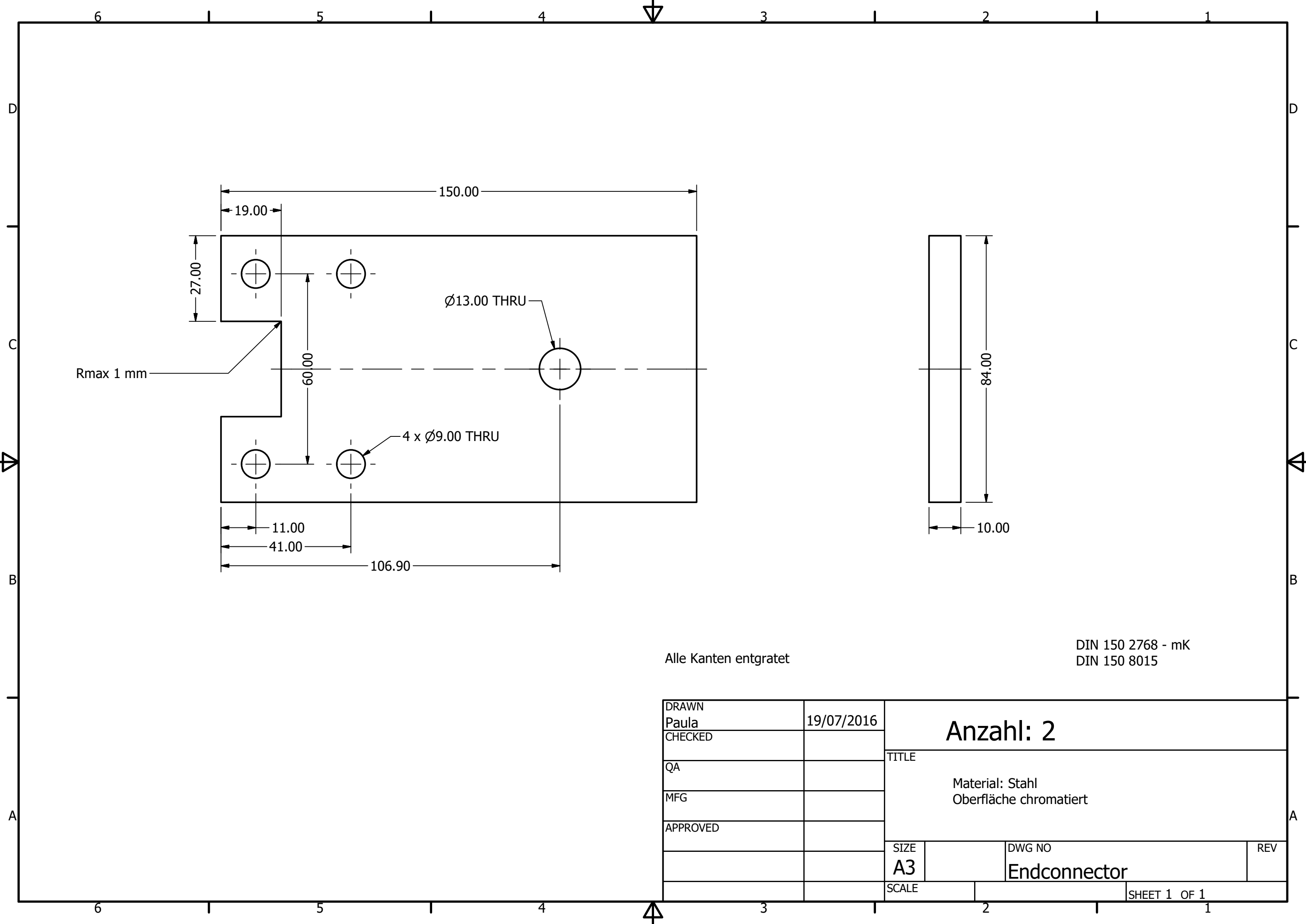
- List of parts.
- Metal sheet for connecting the sensors (Part 25).
- Metal tubes for connecting the sensors (Tubes).
- Profiles of the structure (Profiles).
- Assembly of the structure(possitions for assembly).
- Holes in the bearing housing (Holes bearing housing).

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- Assembly of the structure (possitions for assembly).

Bezeichnung nach Teilelist	Anzahl	Gewinde	Länge [Bereich]	Gewindelänge	Spezifikation
Schraube_Schskantschrauben	8	M8x1.25	16	voll	DIN EN ISO 4017
Schraube_Zylinderschrauben mit Innensechskant	2	M12x1.75	40	34,75	DIN 7984
Schraube_Zylinderschrauben mit Innensechsk	4	M8x1.25	12	voll	DIN EN ISO 4762
Schraube_Zylinderschrauben mit Innensechskant	4	M10x1.5	50	Voll	DIN 7984
Schraube_Zylinderschrauben mit Innensechskant	4	M6x1	45		DIN 7984
Schraube	2	M16x2			
Schraube_Senkschrauben mit Innensechskant	2	M12x1.75	30	voll	DIN EN ISO 10642
Verbindungsschraube	2	M12x1.75	30		Central bolt, M12x30-T50
T-Schraube	26	M8x1.25	25	voll	T-bolt HS10-M8x25
Schraube_Zylinderschrauben mit Innensechskant	2	M8x1.25	25	21,25	DIN 7984
Bracket	14				45x45
T-nut	4	M8			T-nut 10 M8, stainless steel
nut_Schskantmuttern	4	M10			DIN EN ISO 4032
Scheiben	4	M10			DIN EN ISO 7089
Flange nut	26	M8			Flange Nut, SW13,M8
Sensor plates	2				
Down plate	1				
Meswelle box	1				
End connector plates	2				
PROFILES					

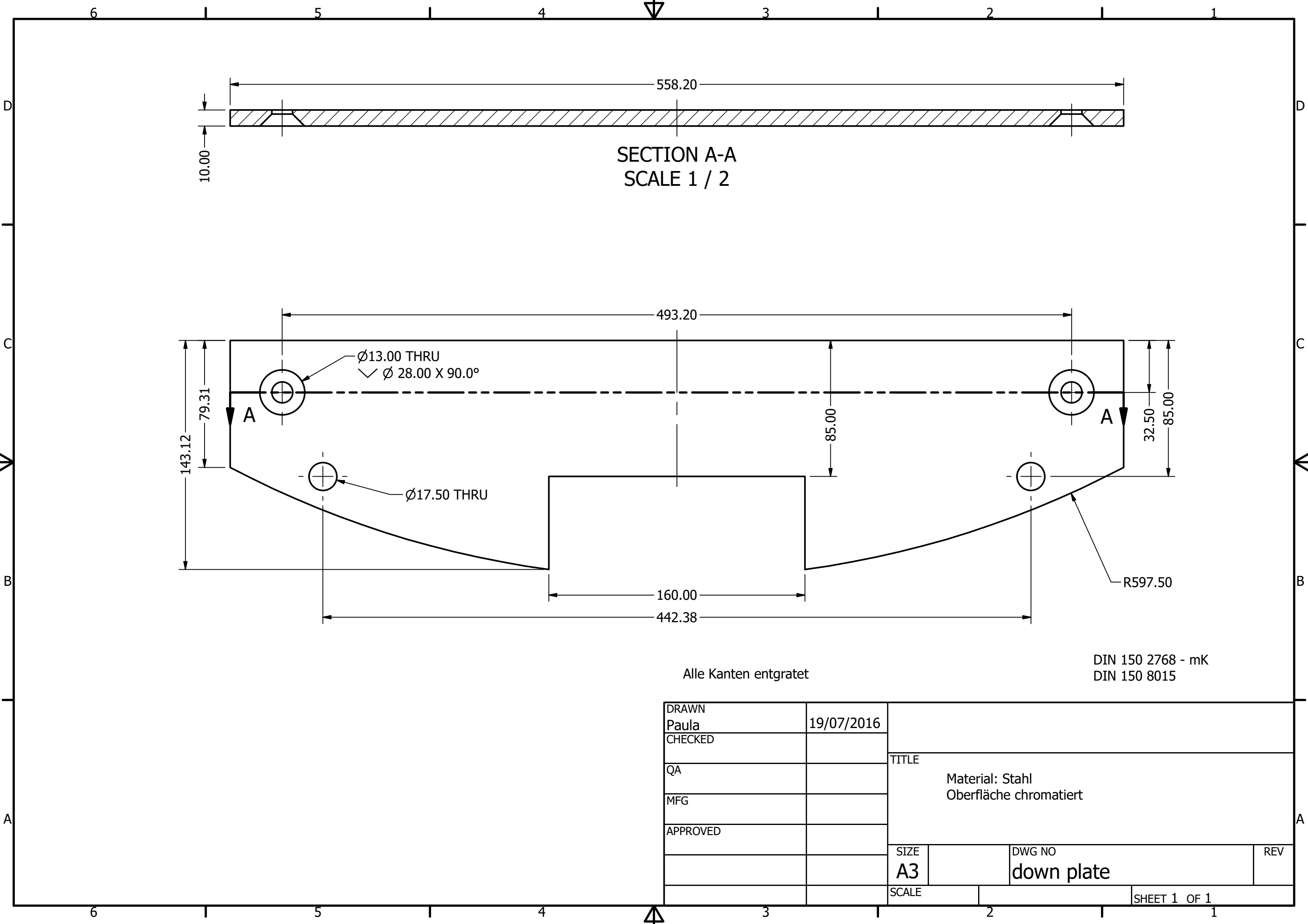
* See technical drawing "Profiles"



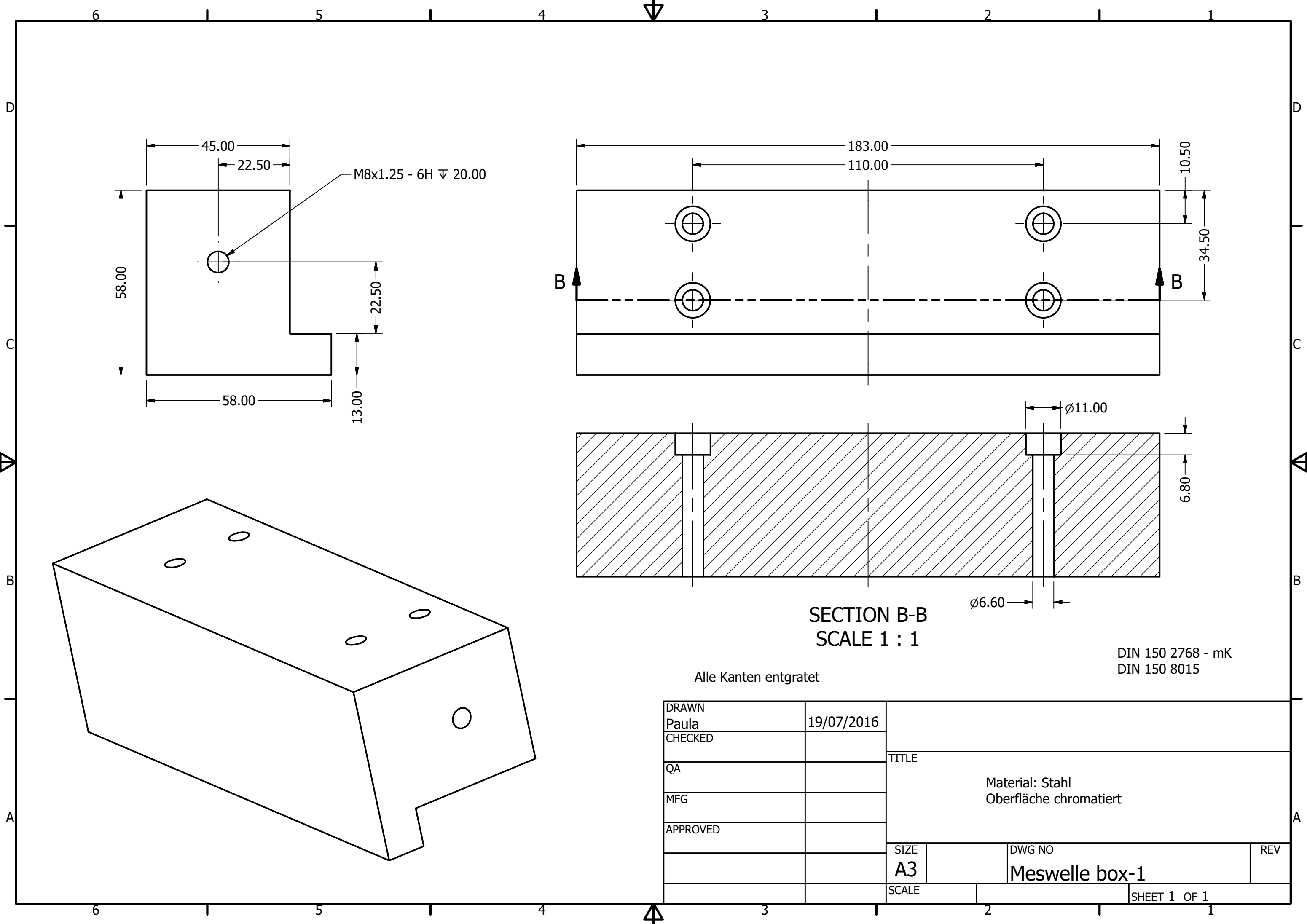
Alle Kanten entgratet

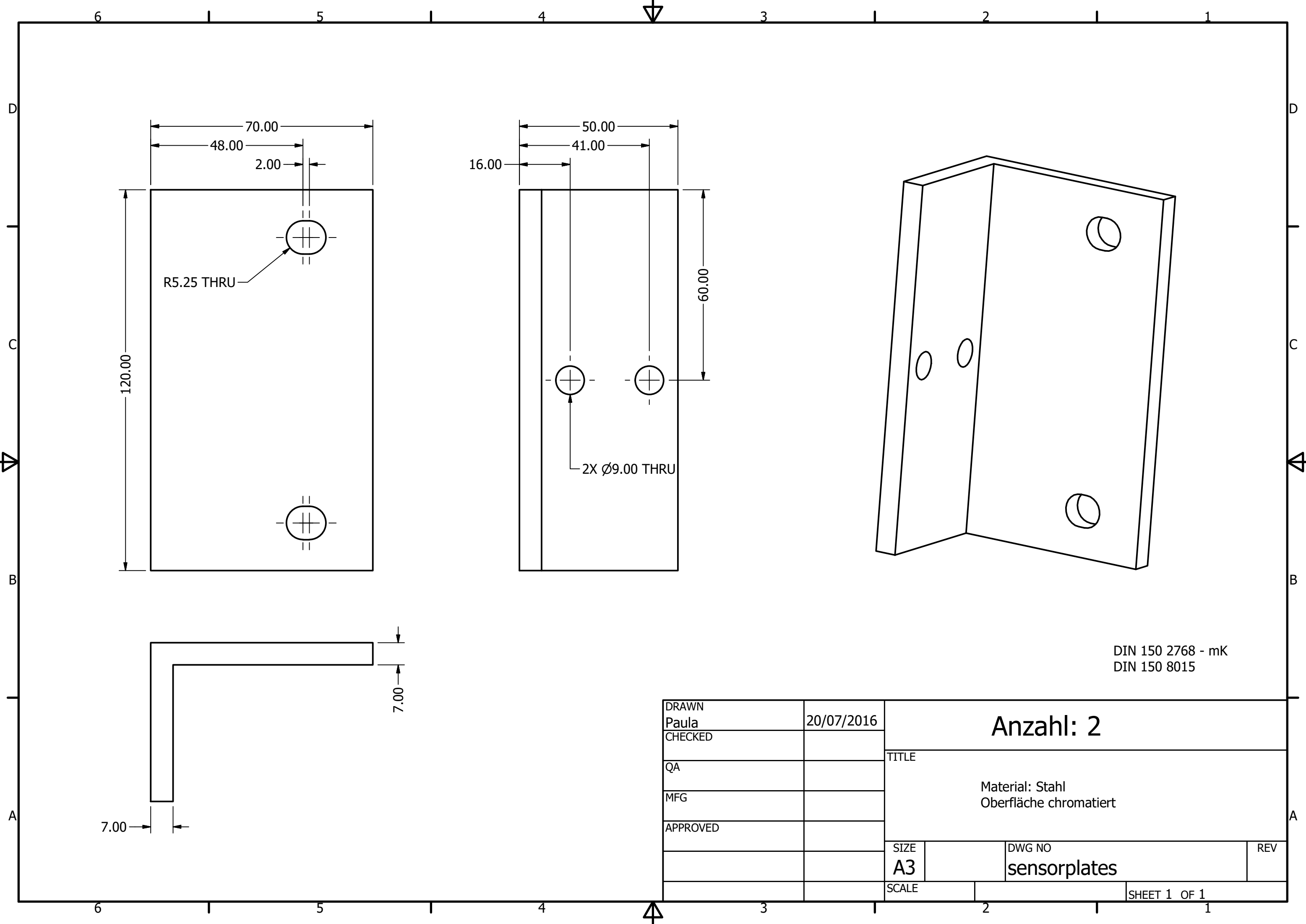
DIN 150 2768 - mK
DIN 150 8015

DRAWN Paula	19/07/2016	Anzahl: 2		
CHECKED				
QA		TITLE Material: Stahl Oberfläche chromatiert		
MFG				
APPROVED		SIZE A3	DWG NO Endconnector	REV
		SCALE	SHEET 1 OF 1	



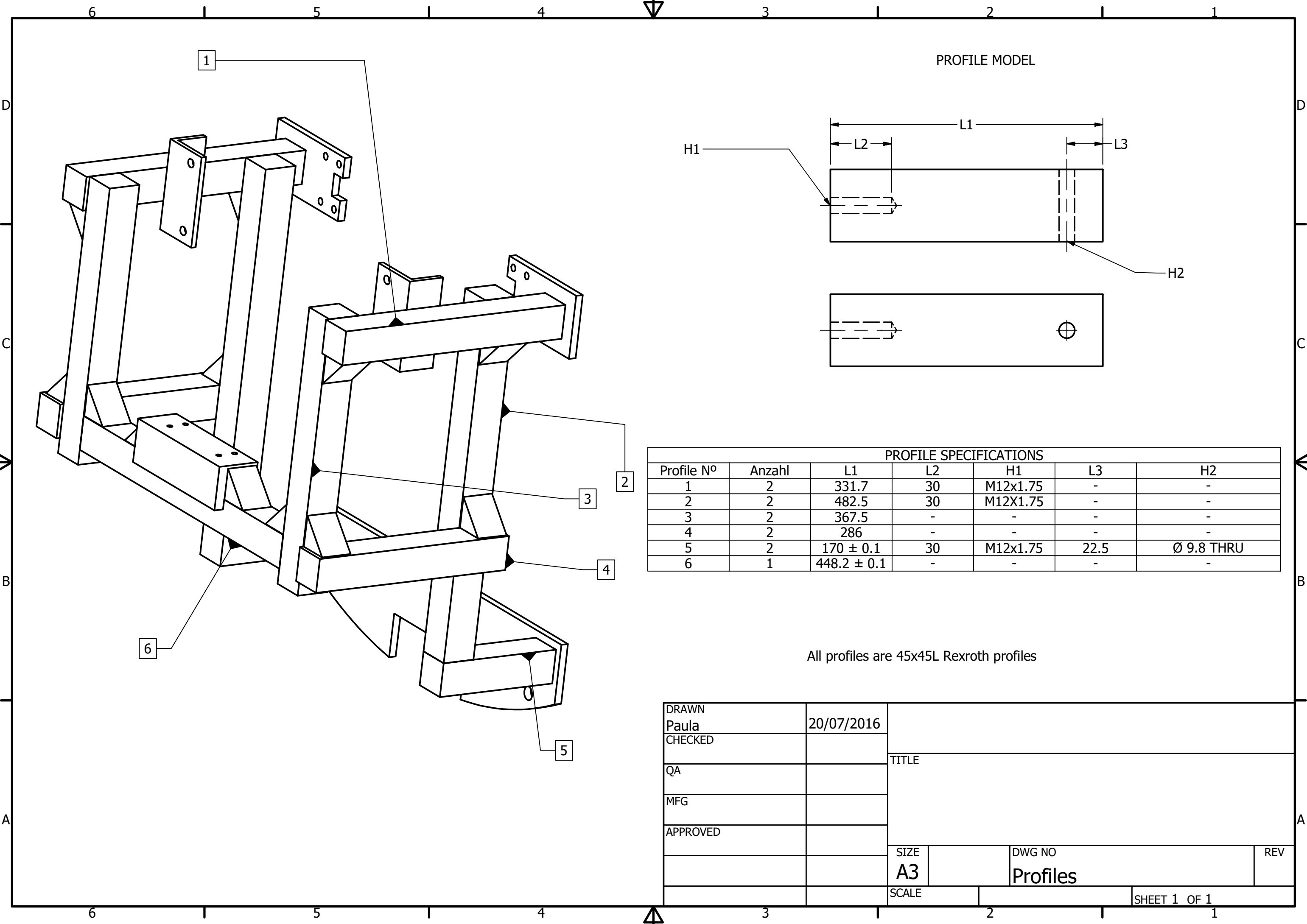
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CHECKED				
QA				
MFG				
APPROVED		SIZE A3		
		SCALE	DWG NO down plate	REV



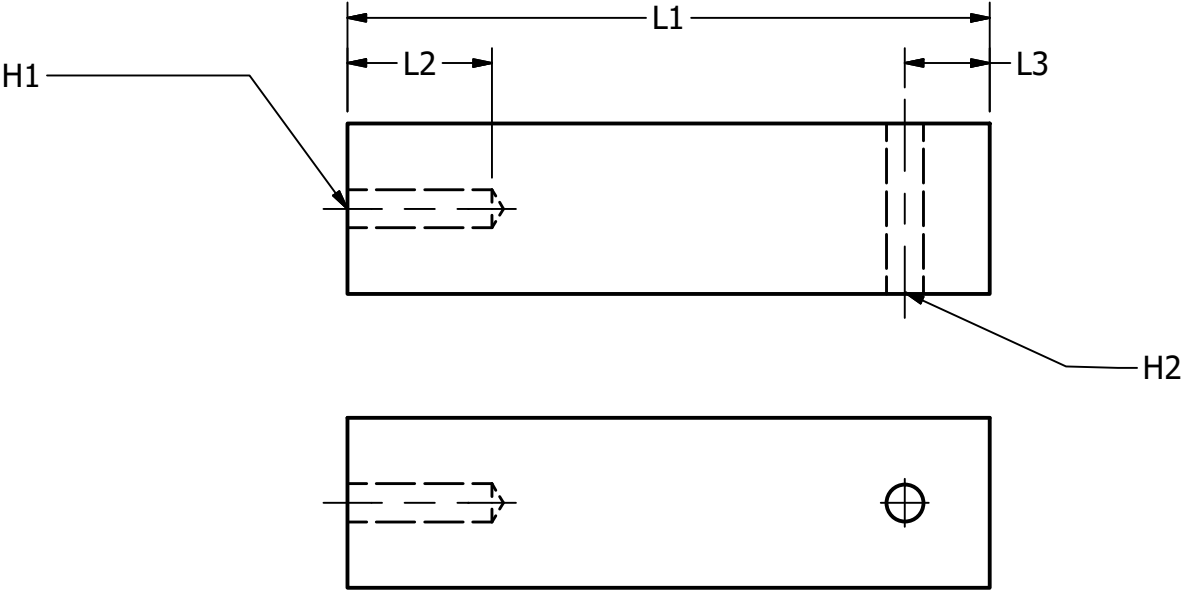


DIN 150 2768 - mK
DIN 150 8015

DRAWN	20/07/2016	Anzahl: 2		
Paula		Material: Stahl Oberfläche chromatiert		
CHECKED				
QA				
MFG				
APPROVED				
		SIZE	DWG NO	REV
		A3	sensorplates	
		SCALE	SHEET 1 OF 1	



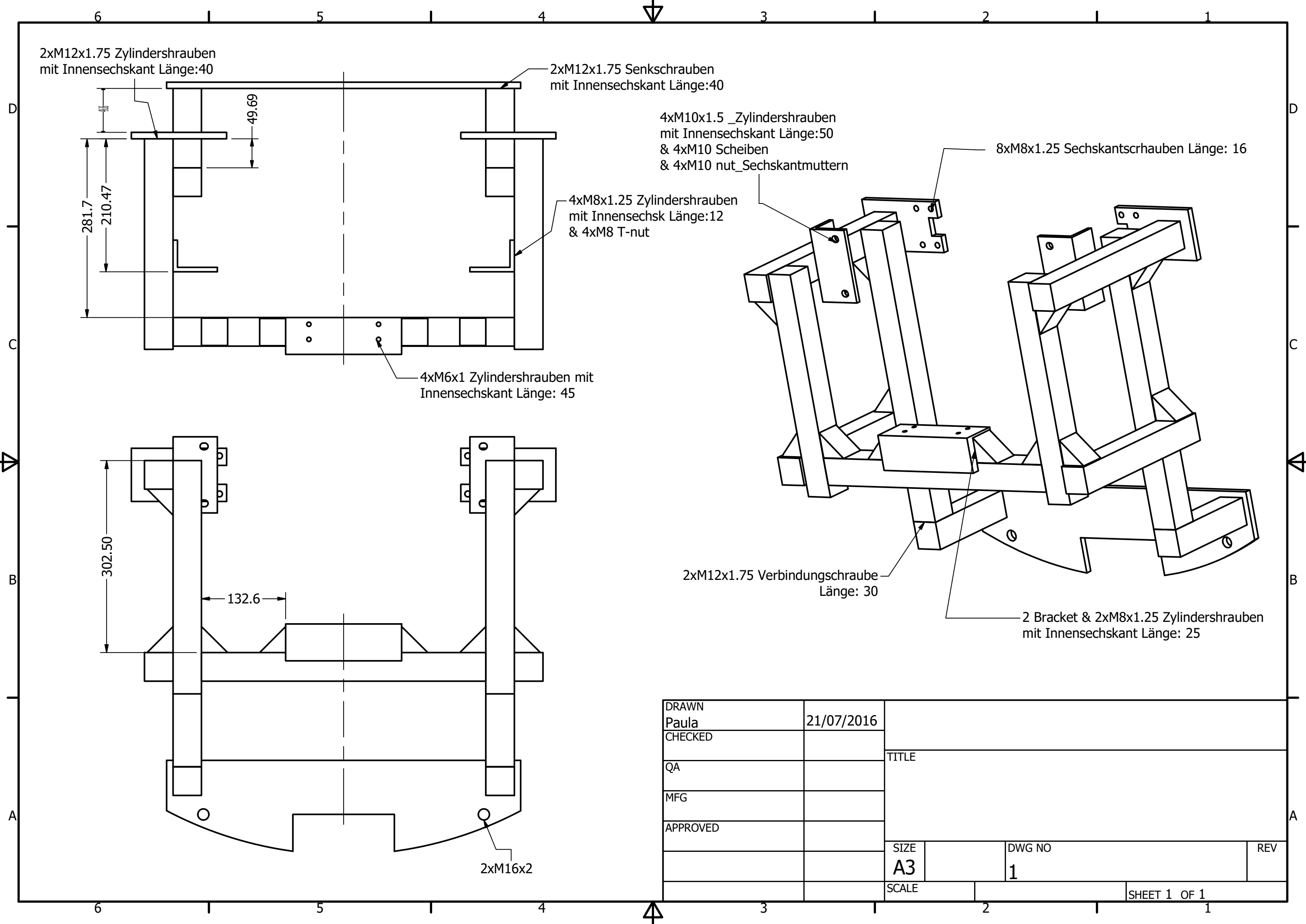
PROFILE MODEL



PROFILE SPECIFICATIONS						
Profile N°	Anzahl	L1	L2	H1	L3	H2
1	2	331.7	30	M12x1.75	-	-
2	2	482.5	30	M12X1.75	-	-
3	2	367.5	-	-	-	-
4	2	286	-	-	-	-
5	2	170 ± 0.1	30	M12x1.75	22.5	Ø 9.8 THRU
6	1	448.2 ± 0.1	-	-	-	-

All profiles are 45x45L Rexroth profiles

DRAWN	20/07/2016	TITLE			
Paula					
CHECKED					
QA					
MFG		SIZE	DWG NO		REV
APPROVED					
		A3	Profiles		
		SCALE	SHEET 1 OF 1		

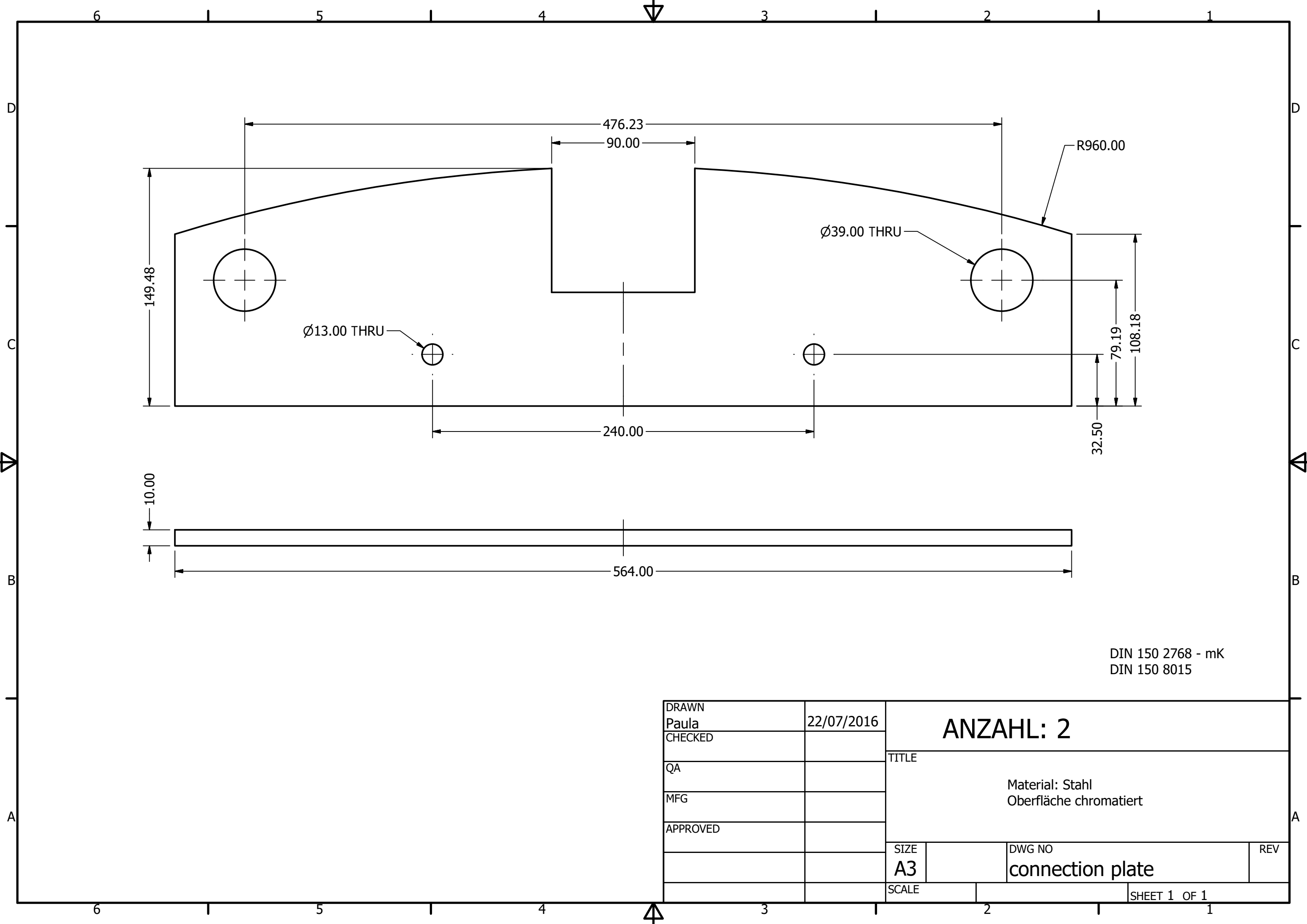


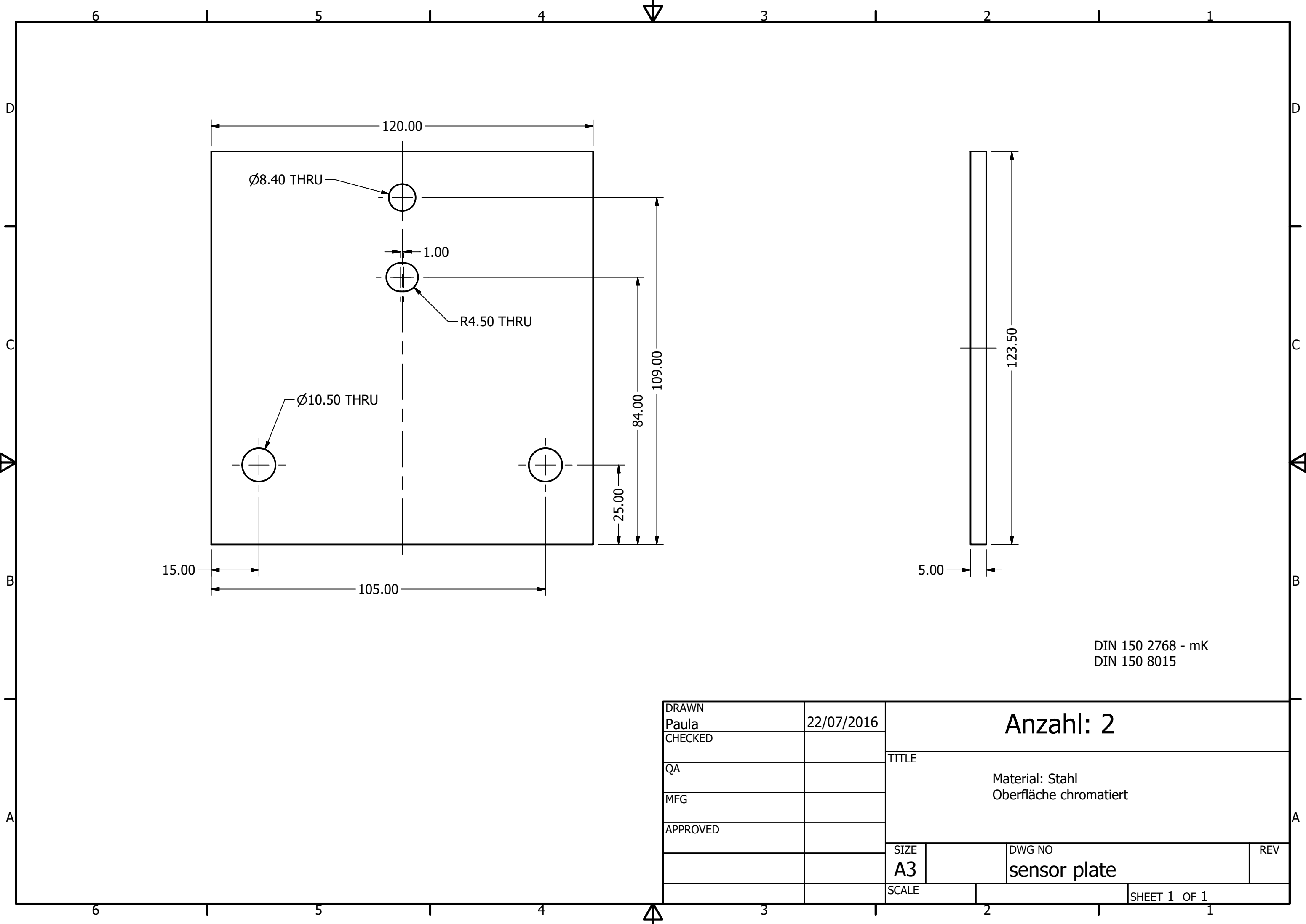
- Technical drawings for the second structure.

- List of parts.
- Metal sheet for the fixing points (connection plate).
- Metal sheet for connecting the sensors (sensor plate).
- Profiles of the structure (Profiles).
- Assembly of the structure (positions for assembly).

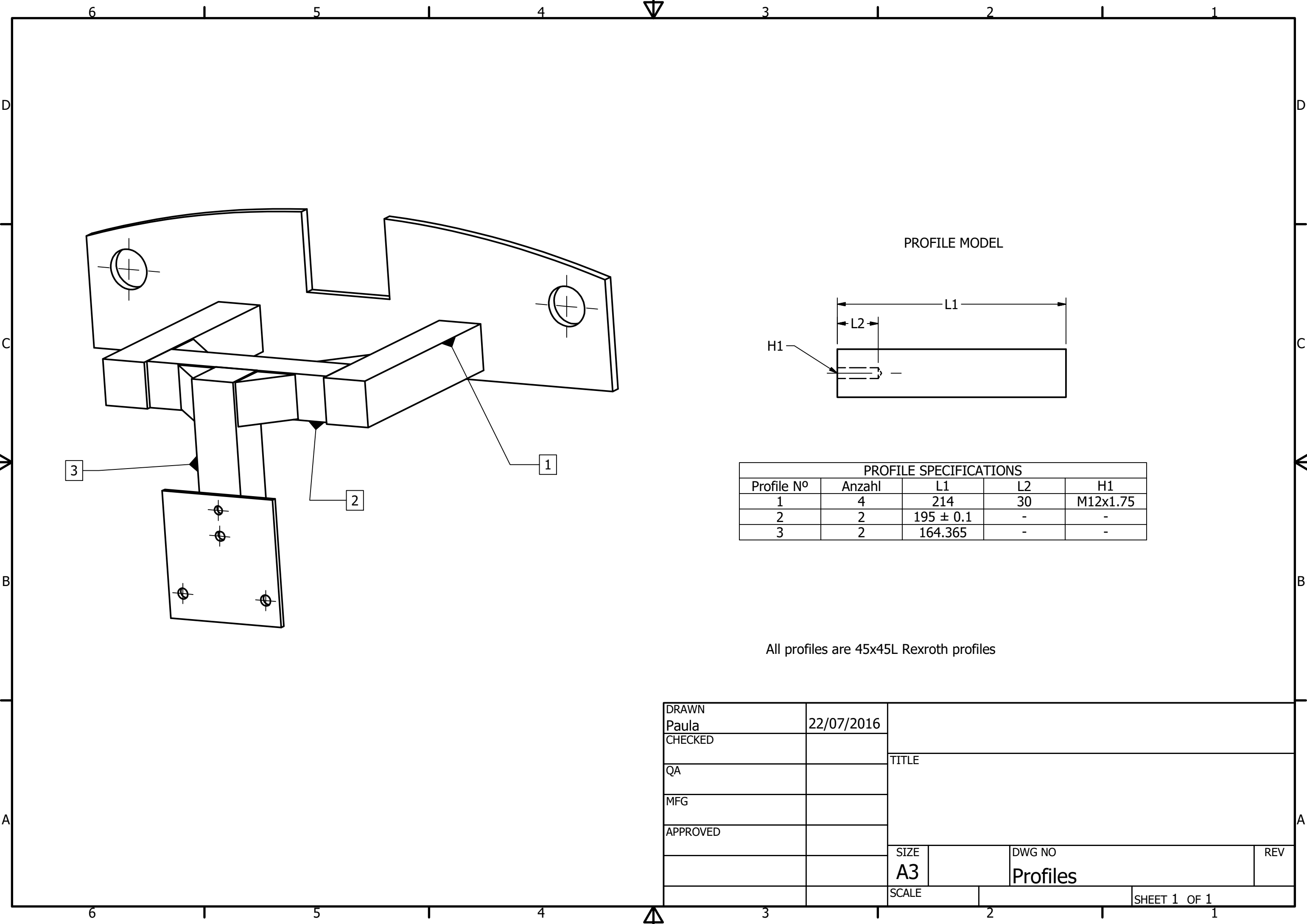
Bezeichnung nach Teilelist	Anzahl	Gewinde	Länge [Bereich]	Gewindelänge	Spezifikation
Schraube_Zylinderschrauben mit Innensechskant	4	M12x1.75	40	34,75	DIN 7984
Schraube	4	M36			
Schraube_Zylinderschrauben mit Innensechskant	4	M8x1.25	12	voll	DIN EN ISO 4762
Schraube_Zylinderschrauben mit Innensechskant	4	M10x1.5	50	Voll	DIN 7984
T-Schraube	16	M8x1.25	25	voll	T-bolt HS10-M8x25
T-nut	4	M8			T-nut 10 M8, stainless steel
nut_Sechskantmuttern	4	M10			DIN EN ISO 4032
Scheiben	4	M10			DIN EN ISO 7089
Bracket	8				45x45
Flange nut	16	M8			Flange Nut, SW13,M8
Sensor plate	2				
connection plate	2				
Profiles					

* See technical drawing named "Profiles"

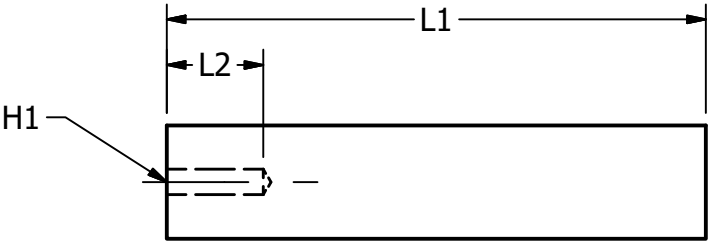




DRAWN	22/07/2016	Anzahl: 2		
Paula				
CHECKED		TITLE Material: Stahl Oberfläche chromatiert		
QA				
MFG				
APPROVED				
		SIZE	DWG NO	REV
		A3	sensor plate	
		SCALE	SHEET 1 OF 1	



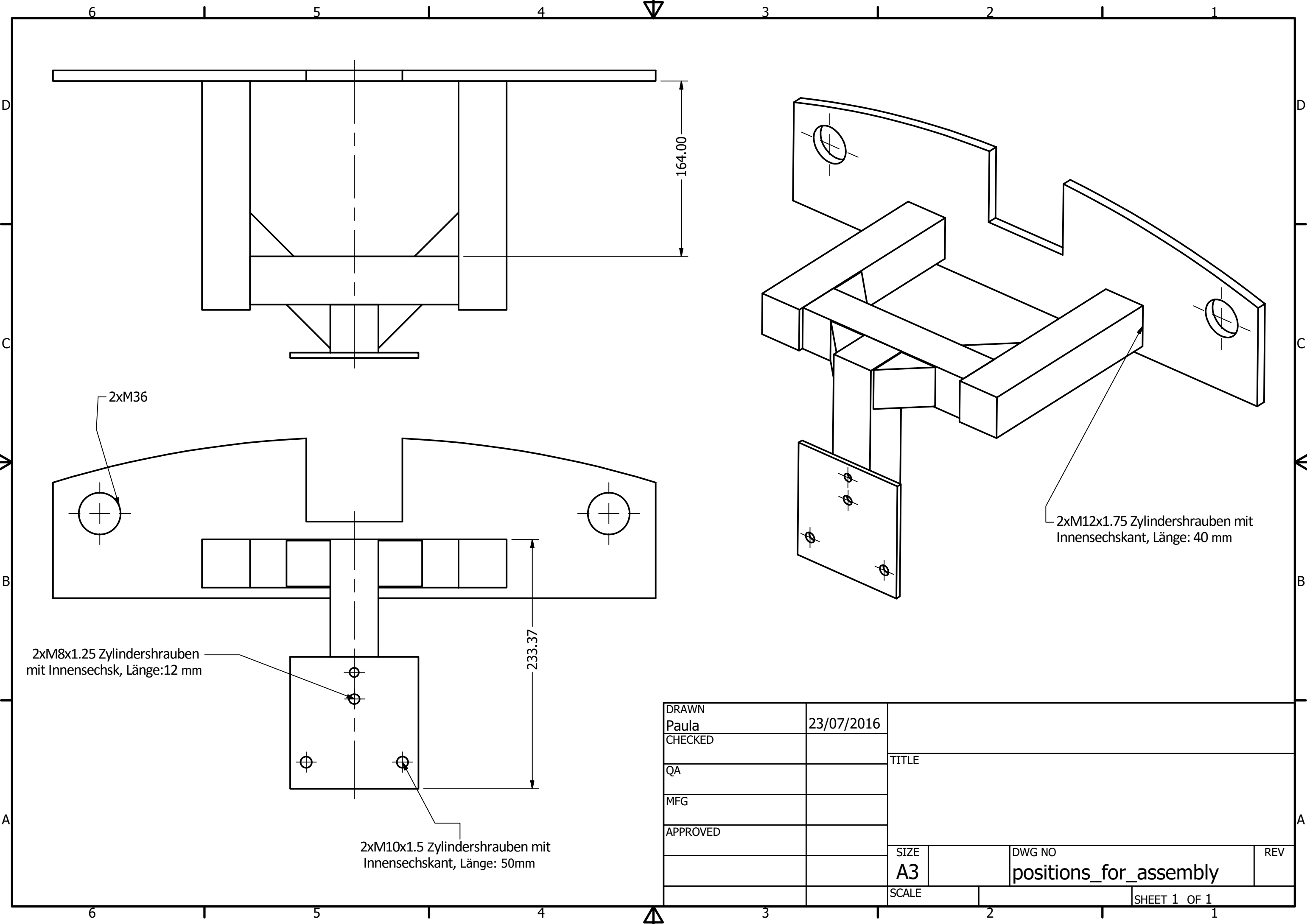
PROFILE MODEL



PROFILE SPECIFICATIONS				
Profile N°	Anzahl	L1	L2	H1
1	4	214	30	M12x1.75
2	2	195 ± 0.1	-	-
3	2	164.365	-	-

All profiles are 45x45L Rexroth profiles

DRAWN Paula	22/07/2016	TITLE		
CHECKED				
QA				
MFG				
APPROVED		SIZE A3		
		SCALE	DWG NO Profiles	REV
		SHEET 1 OF 1		



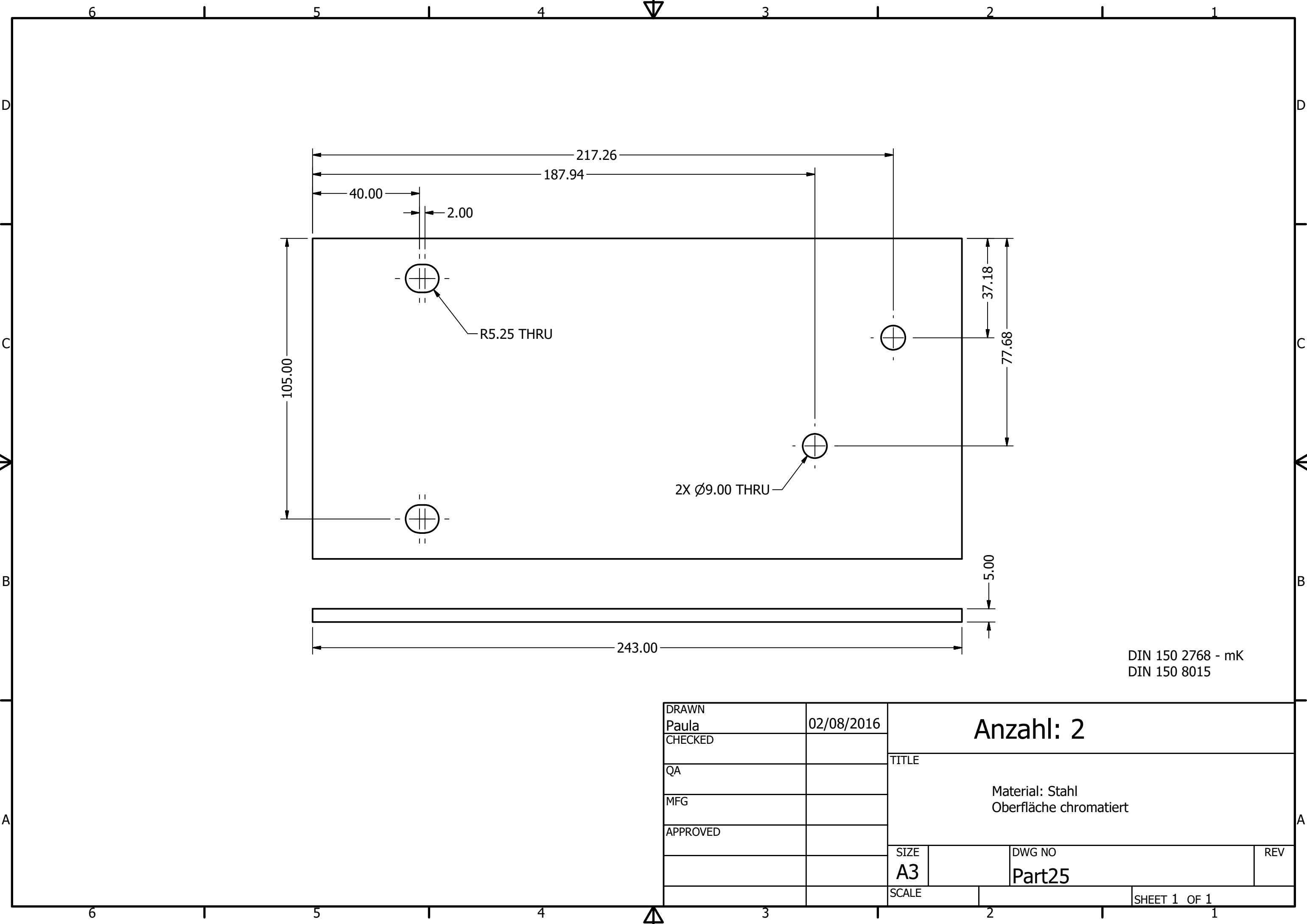
DRAWN	23/07/2016	TITLE		
Paula				
CHECKED				
QA				
MFG		SIZE		
APPROVED				
		A3	DWG NO	REV
			positions_for_assembly	
		SCALE	SHEET 1 OF 1	

- Technical drawings for the third structure.

- List of parts.
- Metal sheet for connecting the sensors (Part 25).
- Metal tubes for connecting the sensors (Tubes).
- Profiles of the structure (Profiles).
- Assembly of the structure (positions for assembly).
- Holes in the bearing housing (Holes bearing housing).

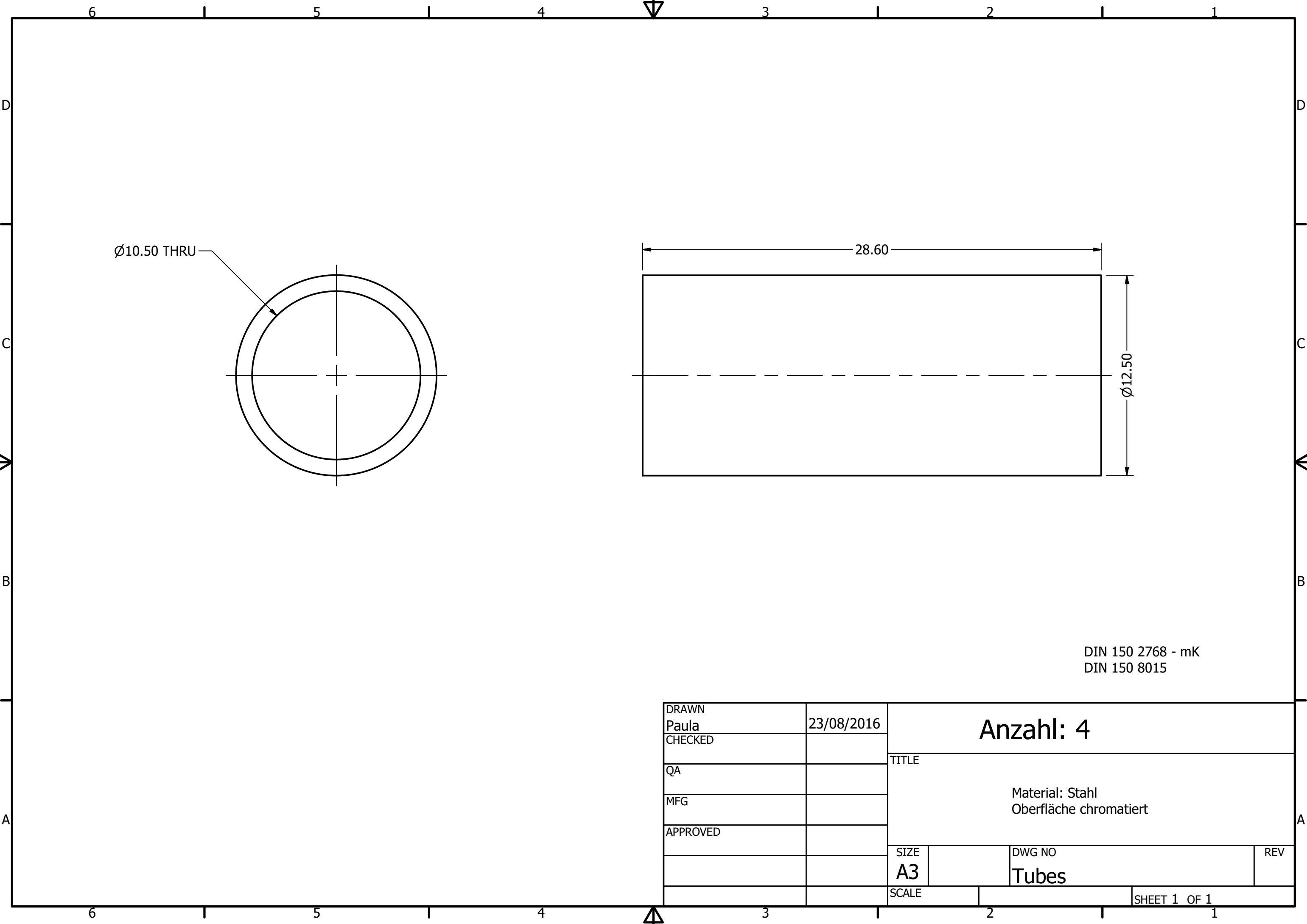
Bezeichnung nach Teilelist	Anzahl	Gewinde	Länge [Bereich]	Gewindelänge	Spezifikation
Schraube_Zylinderschrauben mit Innensechskant	4	M10x1.5	70	Voll	DIN 7984
Schraube_Zylinderschrauben mit Innensechsk	4	M8x1.25	12	voll	DIN EN ISO 4762
T-Schraube	8	M8x1.25	25	voll	T-bolt HS10-M8x25
Schraube_Zylinderschrauben mit Innensechskant	4	M12x1.25	25		Central bolt, M8x25 -T40
nut_Sechskantmuttern	4	M10			DIN EN ISO 4032
Scheiben	4	M10			DIN EN ISO 7089
T-nut	4	M8			T-nut 10 M8, stainless steel
Bracket	4				45x45
Flange nut	8	M8			Flange Nut, SW13,M8
Sensor plate (Part 25)	2				
Tubes	4				
Profiles					

* See technical drawing named "Profiles"



DIN 150 2768 - mK
DIN 150 8015

DRAWN Paula	02/08/2016	Anzahl: 2		
CHECKED		TITLE Material: Stahl Oberfläche chromatiert		
QA				
MFG				
APPROVED				
		SIZE A3	DWG NO Part25	REV
		SCALE	SHEET 1 OF 1	



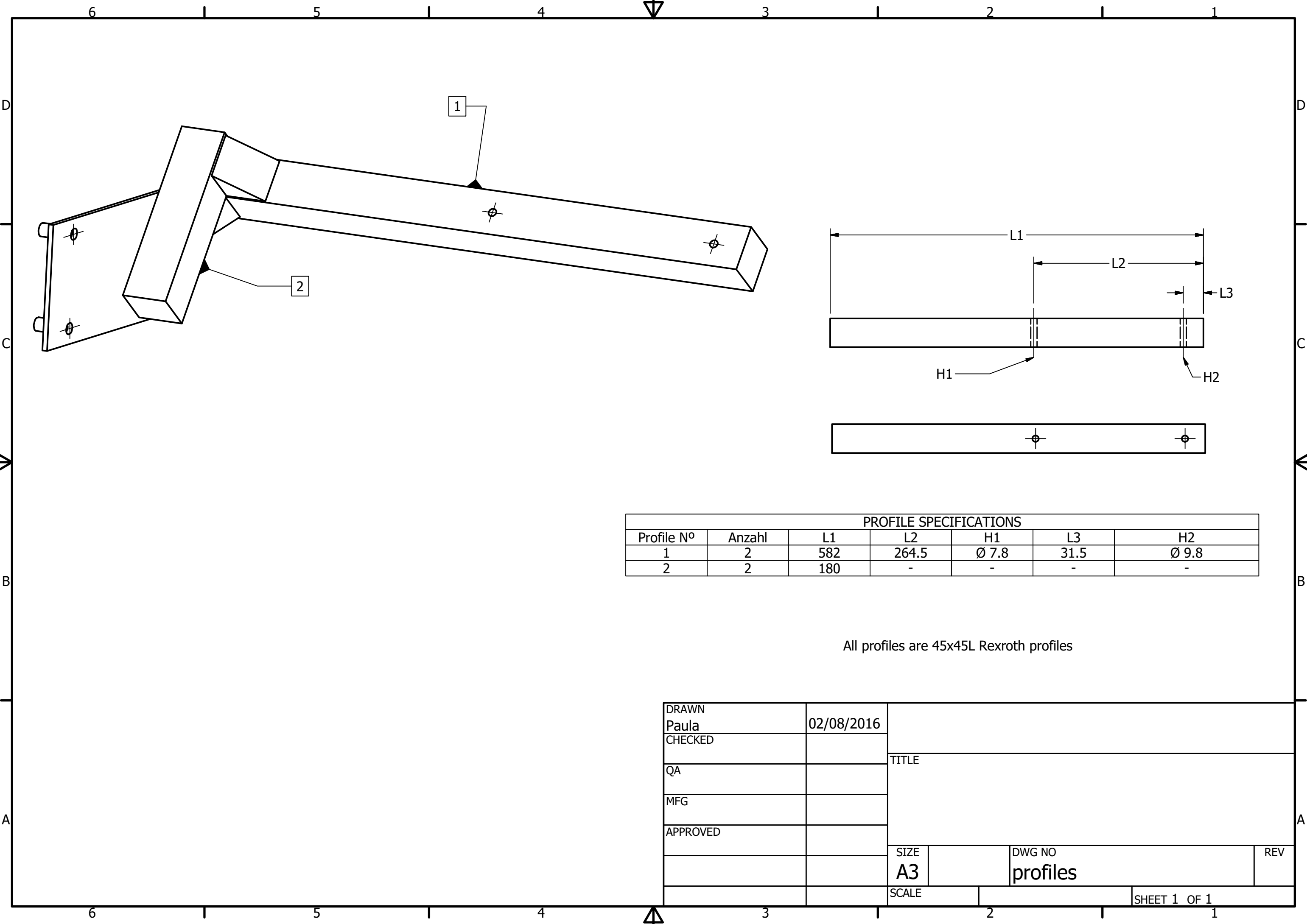
Ø10.50 THRU

28.60

Ø12.50

DIN 150 2768 - mK
DIN 150 8015

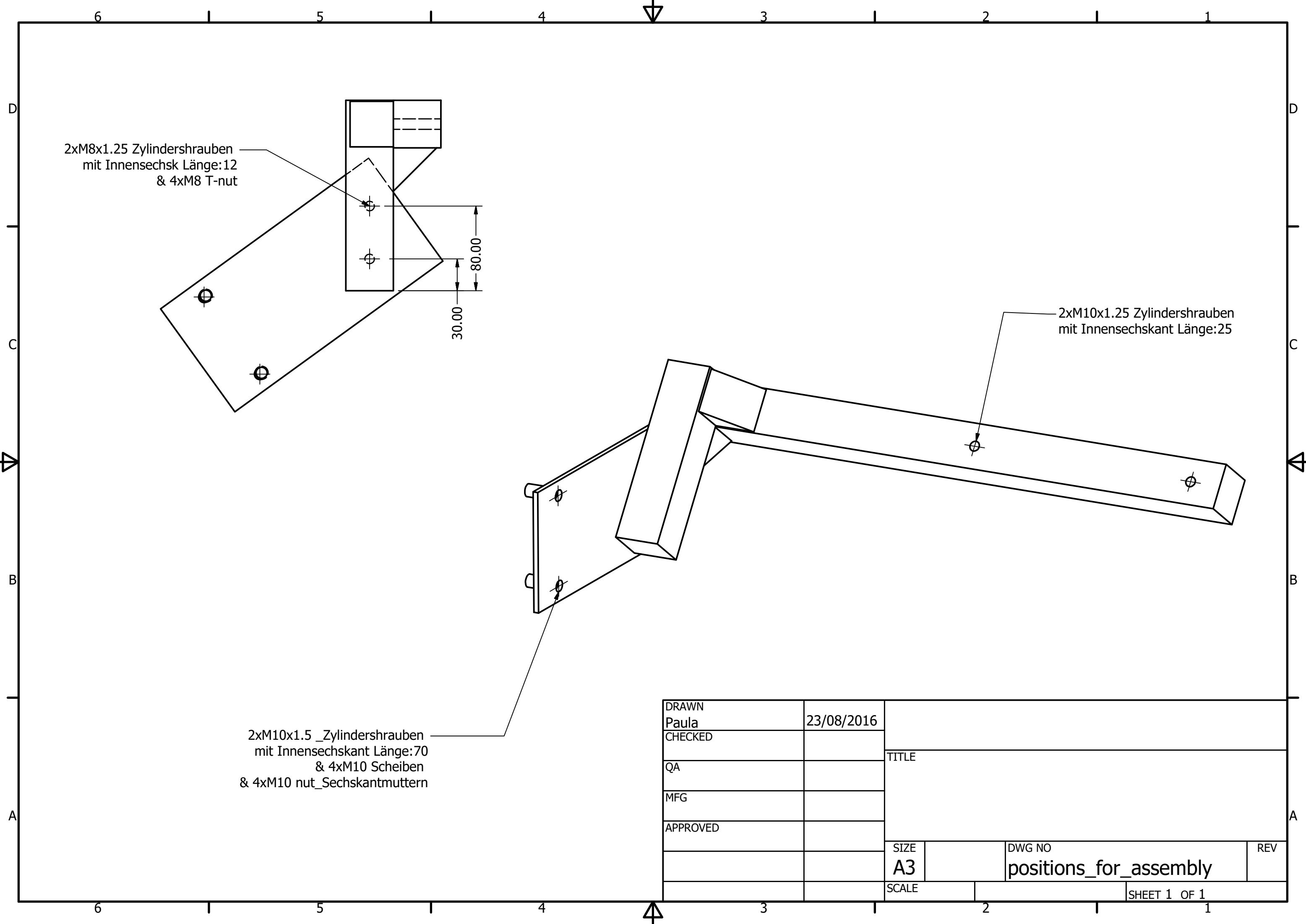
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CHECKED		TITLE Material: Stahl Oberfläche chromatiert		
QA				
MFG				
APPROVED				
		SIZE A3	DWG NO Tubes	REV
		SCALE	SHEET 1 OF 1	



PROFILE SPECIFICATIONS						
Profile N°	Anzahl	L1	L2	H1	L3	H2
1	2	582	264.5	Ø 7.8	31.5	Ø 9.8
2	2	180	-	-	-	-

All profiles are 45x45L Rexroth profiles

DRAWN Paula	02/08/2016	TITLE			
CHECKED					
QA					
MFG					
APPROVED		SIZE A3			
		SCALE		DWG NO profiles	REV
				SHEET 1 OF 1	



DRAWN				
Paula	23/08/2016	TITLE		
CHECKED				
QA				
MFG				
APPROVED				
		SIZE	DWG NO	REV
		A3	positions_for_assembly	
		SCALE		SHEET 1 OF 1

