

Test Report No : ITCTA1-VR-00006-00C00

Type : Swivel Plates

Manufacturer : CTA s.r.l.
Via Nicaragua 4
I-00071 Pomezia (RM)



TEST REPORT

No. ITCTA1-VR-00006-00C00

With regard to uniform provisions concerning the approval of
vehicles with regard to the seats, their anchorages and any head restraints

ECE R 17 of **01.12.1970**

including

Series 11 Supplement 01 of **12.06.2025**

**This test report only covers
the demonstration of compliance of the strength of seat anchorages and their adjustment, locking and
displacement systems according to Annex 7 of UNECE Regulation no. 17.**

Name and address of the Test Laboratory : ATEEL s.à r.l.
14, op Huefdreisch
L-6871 Wecker

Name and address of orderer : CTA s.r.l.
Via Nicaragua 4
I-00071 Pomezia (RM)

Test Report No : ITCTA1-VR-00006-00C00

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0. General

0.1. Make (trade name of manufacturer) : CTA

0.2. Type : Swivel Plates

0.2.1. Commercial name :

Description	Code	Vehicle / Chassis
Swivel Plate SX - DX	9PG0023001V01	Fiat Ducato X250 - X290
Swivel Plate SX	9PG0070010V01	Mercedes-Benz Sprinter BR 907/910
Swivel Plate DX	9PG0070011V01	
Swivel Plate SX	9PG0191305V01	Volkswagen Crafter / MAN TGE II
Swivel Plate DX	9PG0191306V01	
Swivel Plate SX - DX	9PG0085801V01	Volkswagen T5 - T6 - T6.1

0.3. Category of vehicle : M1 / N1 / M2 / N2

0.4. Manufacturer's name and address : CTA s.r.l.
Via Nicaragua 4
I-00071 Pomezia (RM)

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1. Test vehicle(s)/-object(s)

- 1.1. Description : The following configurations of swivel plates with original driver seats and seat boxes of the vehicle manufacturers have been tested on a rigid plate. The different configurations cover all positions and represent the worst-case.

Swivel Plate code	Driver seat & seat box	Configuration
9PG0023001V01	Fiat Ducato	Height adjustment: Upper position Longitudinal adjustment: Total coverage of the rail Backrest adjustment: 20° Head rest: Fix (integrated)
9PG0070010V01	Mercedes-Benz Sprinter	Height adjustment: Upper position Longitudinal adjustment: Most rearward + 1 notch Backrest adjustment: 20° Head rest: Upper position
9PG0191305V01	Volkswagen Crafter	Height adjustment: Upper position Longitudinal adjustment: Total coverage of the rail Backrest adjustment: 20° Head rest: Upper position
9PG0085801V01	Volkswagen T6	Height adjustment: Upper position Longitudinal adjustment: Most forward - 1 notch Backrest adjustment: 20° Head rest: Upper position

- 1.2. Statement of conformity : Decision rule applied :
Simple acceptance
- Worst case consideration : The test results are representative to the seats listed in point 0.2.1 and represent the worst case with regard to the technical requirements.
- 1.3. Remarks : none

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2. Test report

2.1. Parameter of the test area : not applicable

2.2. Measuring and testing device :
- 3 DH-machine
- plumb bob
- length measuring device
- Test laboratory equipment according to the requirements of the UNECE Regulation no. 17

2.3. Test results :
The tests have been carried out in accordance with the requirements for the strength of seat anchorages and their adjustment, locking and displacement systems defined in annex 7 of the UNECE Regulation no. 17.

2.3.1. Determining the "H" point and the actual torso angle :
The H-points of the test setups correspond to the manufacturer's specifications. Even with the swivel plate installed, the H-point remains within the tolerance specified in UNECE Regulation no. 17 and the vehicle manufacturer's specifications.

2.3.2. Testing the Strength of Seat Anchorages and their Adjustment, Locking and Displacement Systems :
The tests have been performed according to Annex 7 of the regulation. The tests have been performed in forward and rearward directions as defined in the regulation.
The test samples withstand the load and are fully functional even after testing.
The requirements of items 5.2.5. and 5.2.6. of the UNECE Regulation No. 17 are fulfilled.

2.4. Remarks : none

2.5. Other information:

Vehicle(s)/ -object(s) submitted for type approval tests on : 02.03.2026

Place of testing : IWW Trier

Date of testing : 02.03.2026

Place of document check : Wecker

Date of document check : 25.03.2026

Test Report No : ITCTA1-VR-00006-00C00

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I-00071 Pomezia (RM)



3. Enclosures

- 1 Adjustment, Locking and
Displacement systems test
according to ECE R17 Annex 7

cta 26/01 - forward direction
Deceleration curve
pages 1

Pictures before and after the test
pages 1-2

cta 26/02 - rearward direction
Deceleration curve
pages 1

Pictures before and after the test
pages 1-2

- 2 Drawings swivel plates

D-no. 9PG0023001V01 (pages 1) Rev. 0
D-no. 9PG0070010V01 (pages 1) Rev. 2
D-no. 9PG0070011V01 (pages 1) Rev. 1
D-no. 9PG0191305V01 (pages 1) Rev. 0
D-no. 9PG0191306V01 (pages 1) Rev. 0
D-no. 9PG0085801V01 (pages 1) Rev. 3

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4. Certification

The type described is - i n c o m p l i a n c e - with the test specification mentioned above.

With regard to the required level of performance to be achieved, the tested items were representative for the type to be approved.

This Test Report includes pages 1 to 6 and enclosures.

The Test Report shall be reproduced and published in full only and by the client only. It shall be reproduced partially with the written permission of the Test Laboratory only.

TEST LABORATORY

*designated by designation department of Kraftfahrt-Bundesamt,
Federal Republic of Germany*

Wecker, 01.04.2026

A handwritten signature in black ink, appearing to read "Joël Hoffmann". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Joël Hoffmann

Sled acceleration:

Bearbeiter: IWW

Datum: 02.03.2026

Datei: cta26_01

Sensor: Endevco 2262CA

Meßdatenerfassung: MINIdau (Kayser-Threde)

Auswertesoftware: DIAdem 8.1

Prüfstruktur: seatbase on rigid structure

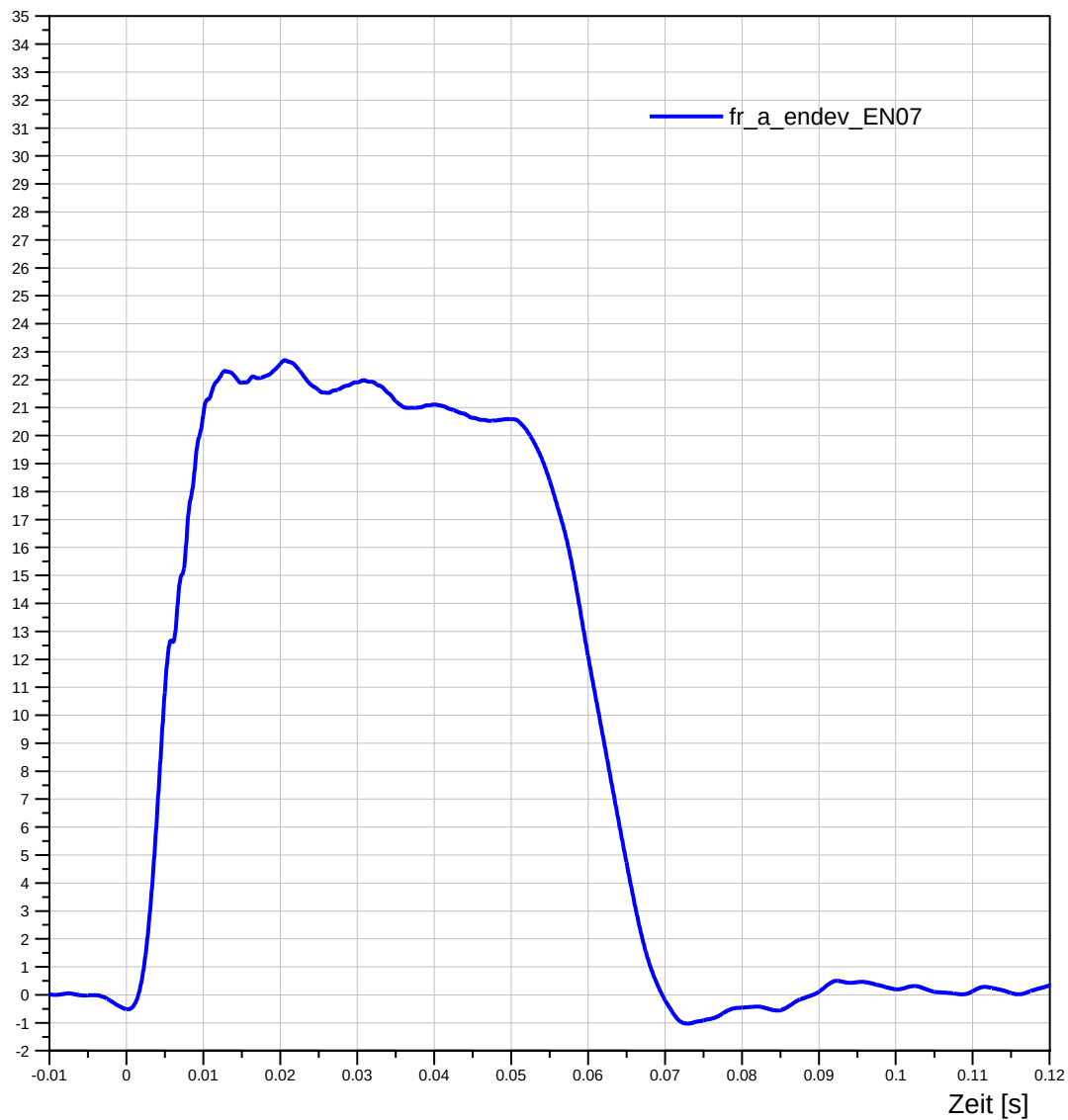
Prüfling: 4 driverseats on swivelplates

Versuchsbed. nach: UN-R17 Anh.7 20g

Schlittengeschwindigkeit Soll, Ist: 35 - 38 / 37.3 km/h

Bemerkung: forward

Schlittenverzögerung (Sled acceleration)



Software: DIAdem 8.1; Crashmodul; Auswertesequenz md_haupt_stand_D1-D2, Meßsequenz MINIDAU; Standard D71-D72, Layout: Schlitten_M1

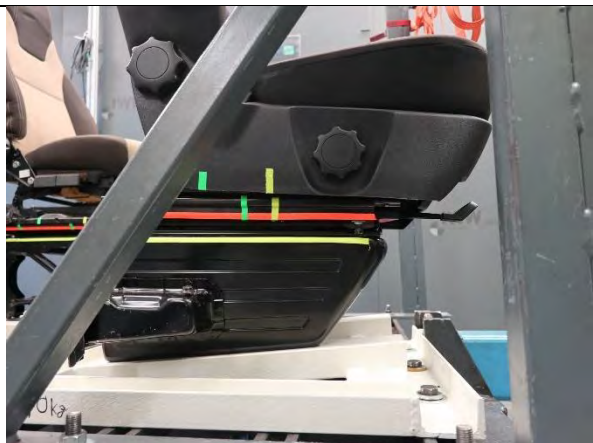
Photo documentation:



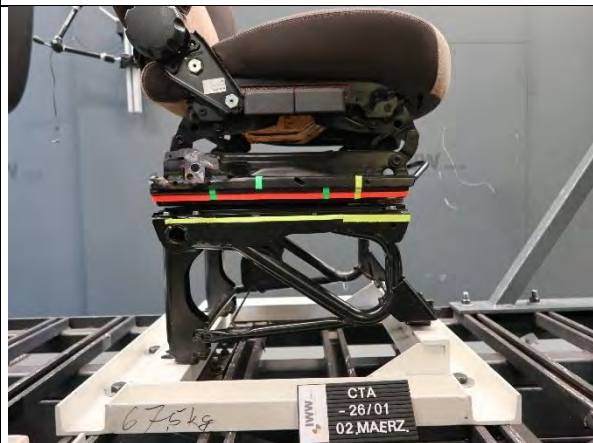
Pic.1: : Setup before the test



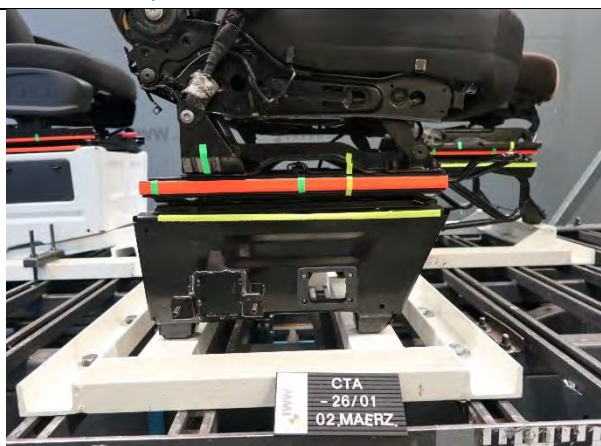
Pic.2: : Setup before the test



Pic.3: : Setup before the test



Pic.4: : Setup before the test



Pic.5: : Setup before the test



Pic.6.: : Setup before the test

Fotodokumentation:



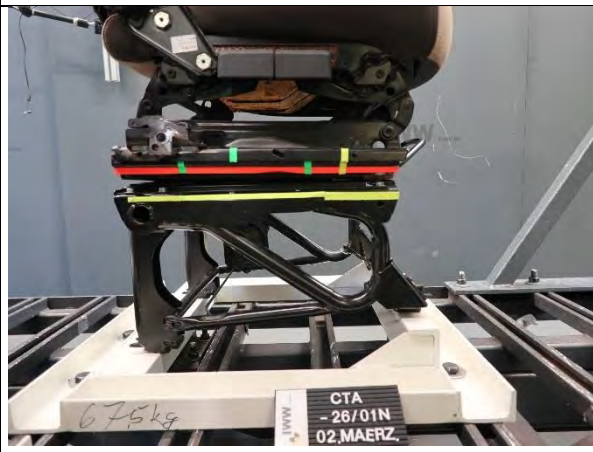
Pic.7: Setup after the test



Pic.8: Setup after the test



Pic.9: Setup after the test



Pic.10: Setup after the test



Pic.11: Setup after the test



Pic.12: Setup after the test

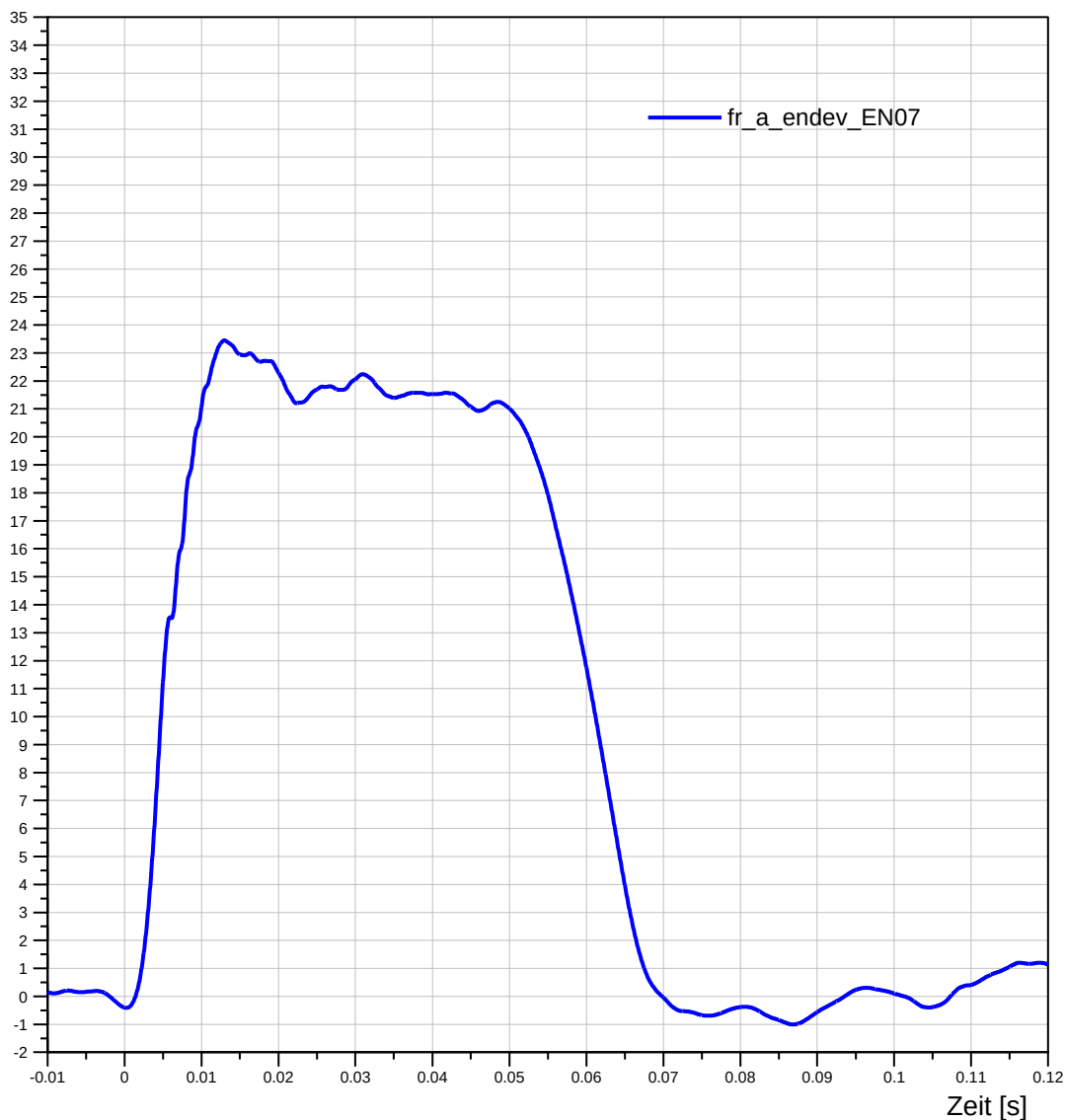
Examiner: Dipl.-Ing. R. Walter
Dipl.-Ing. A. Weißgerber

Trier, 02.03.2026

Sled acceleration:

Bearbeiter: IWW	Prüfstruktur: seatbase on rigid structure
Datum: 02.03.2026	Prüfling: 4 driverseats on swivelplates
Datei: cta26_02	Versuchsbed. nach: UN-R17 Anh.7 20g
Sensor: Endevco 2262CA	Schlittengeschwindigkeit Soll, Ist: 35 - 38 / 37.3 km/h
Meßdatenerfassung: MINIdau (Kayser-Threde)	Bemerkung: rearward
Auswertesoftware: DIAdem 8.1	

Schlittenverzögerung (Sled acceleration)



Software: DIAdem 8.1; Crashmodul; Auswertesequenz md_haupt_stand_D1-D2, Meßsequenz MINIDAU; Standard D71-D72, Layout: Schlitten_M1

Photo documentation:



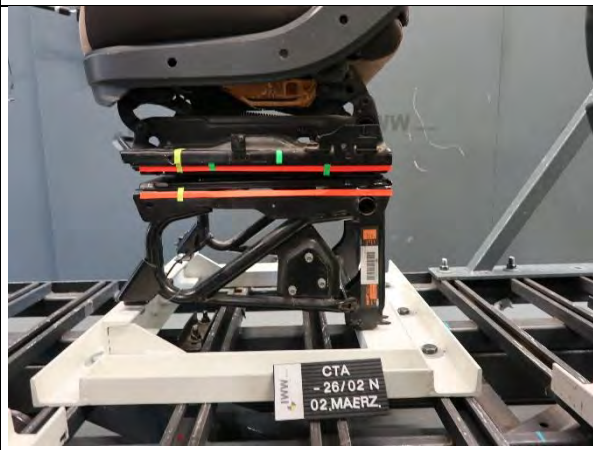
Pic.1: : Setup before the test



Pic.2: : Setup before the test



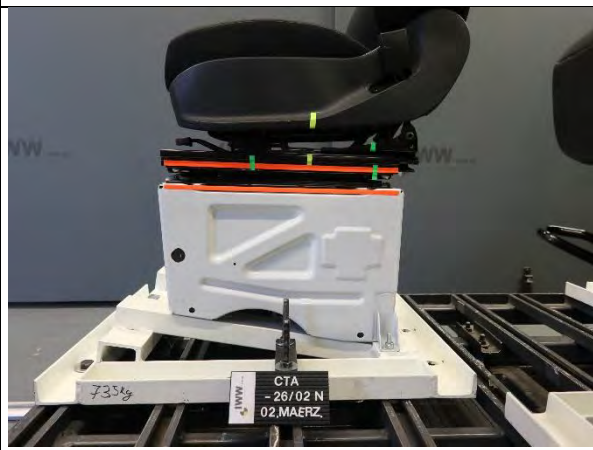
Pic.3: : Setup before the test



Pic.4: : Setup before the test



Pic.5: : Setup before the test



Pic.6.: : Setup before the test

Fotodokumentation:



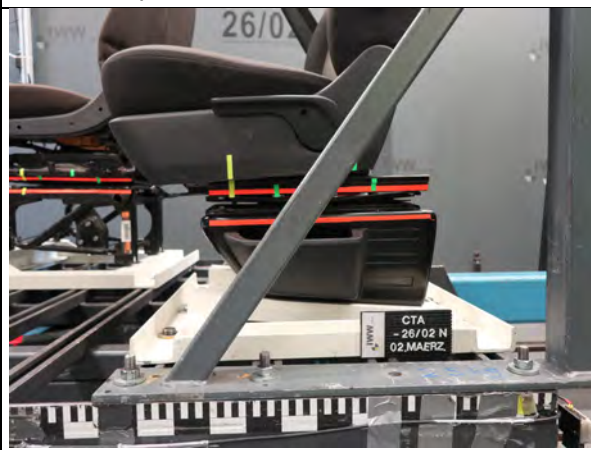
Pic.7: Setup after the test



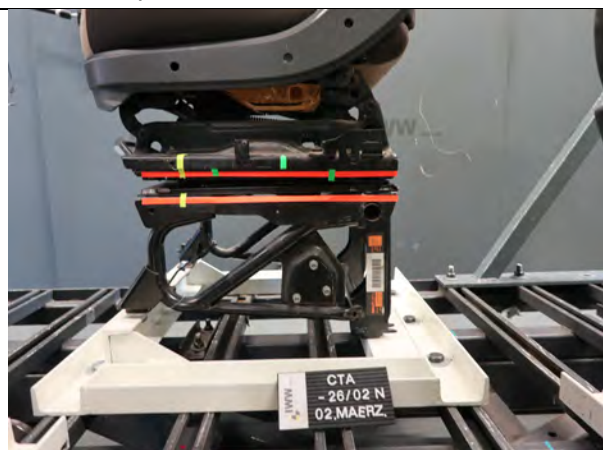
Pic.8: Setup after the test



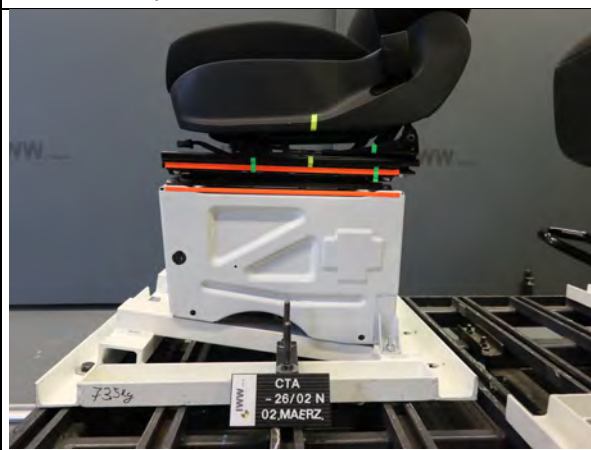
Pic.9: Setup after the test



Pic.10: Setup after the test



Pic.11: Setup after the test



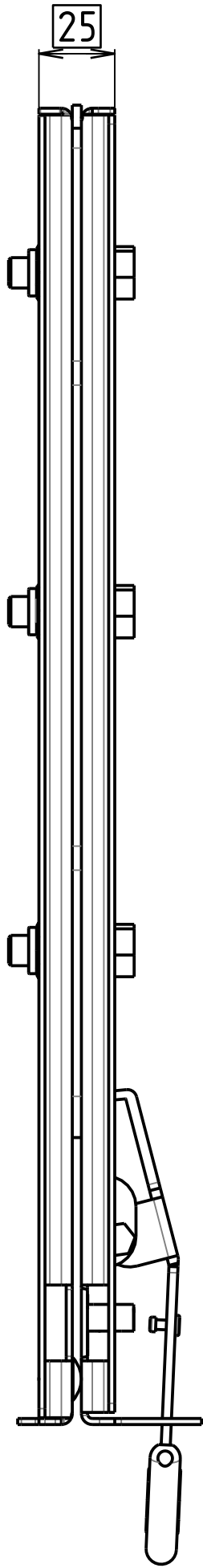
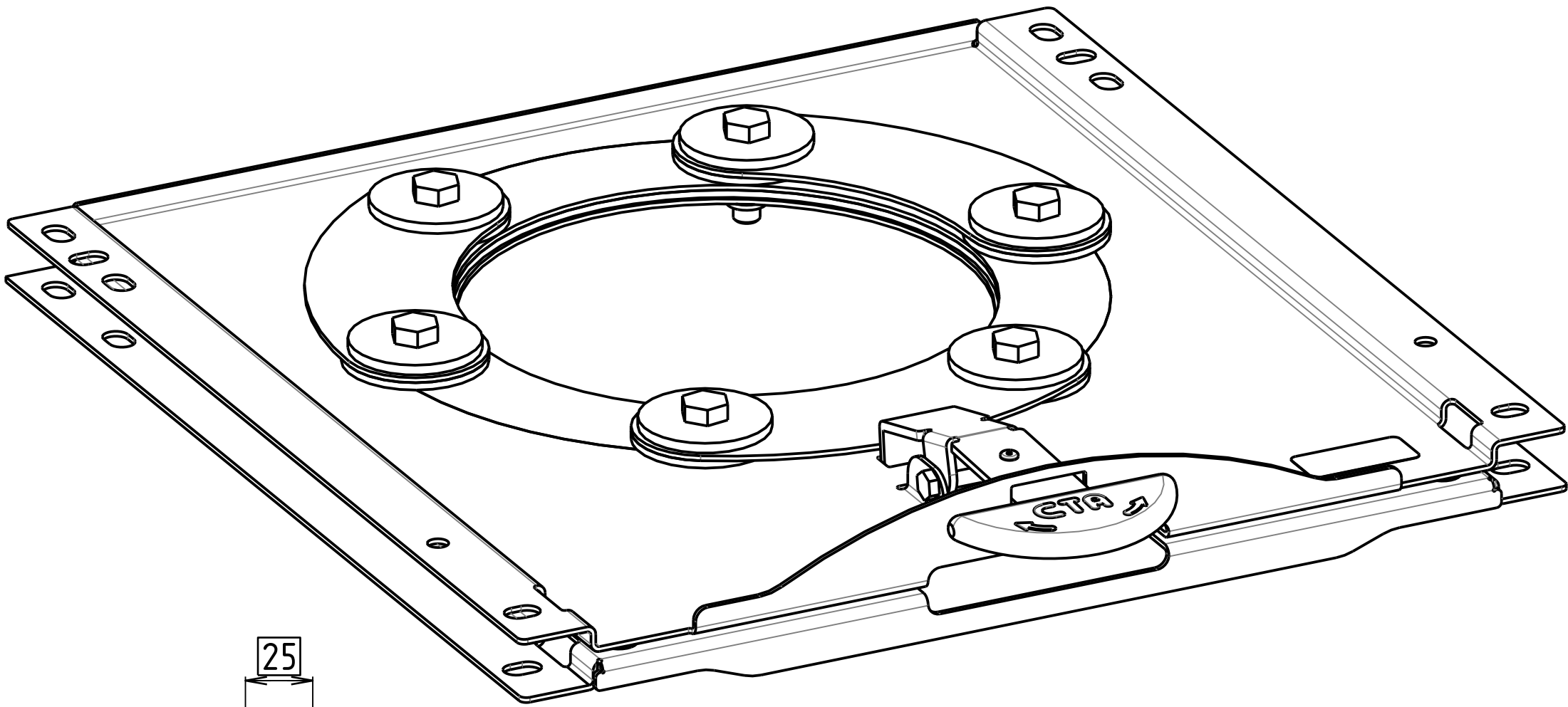
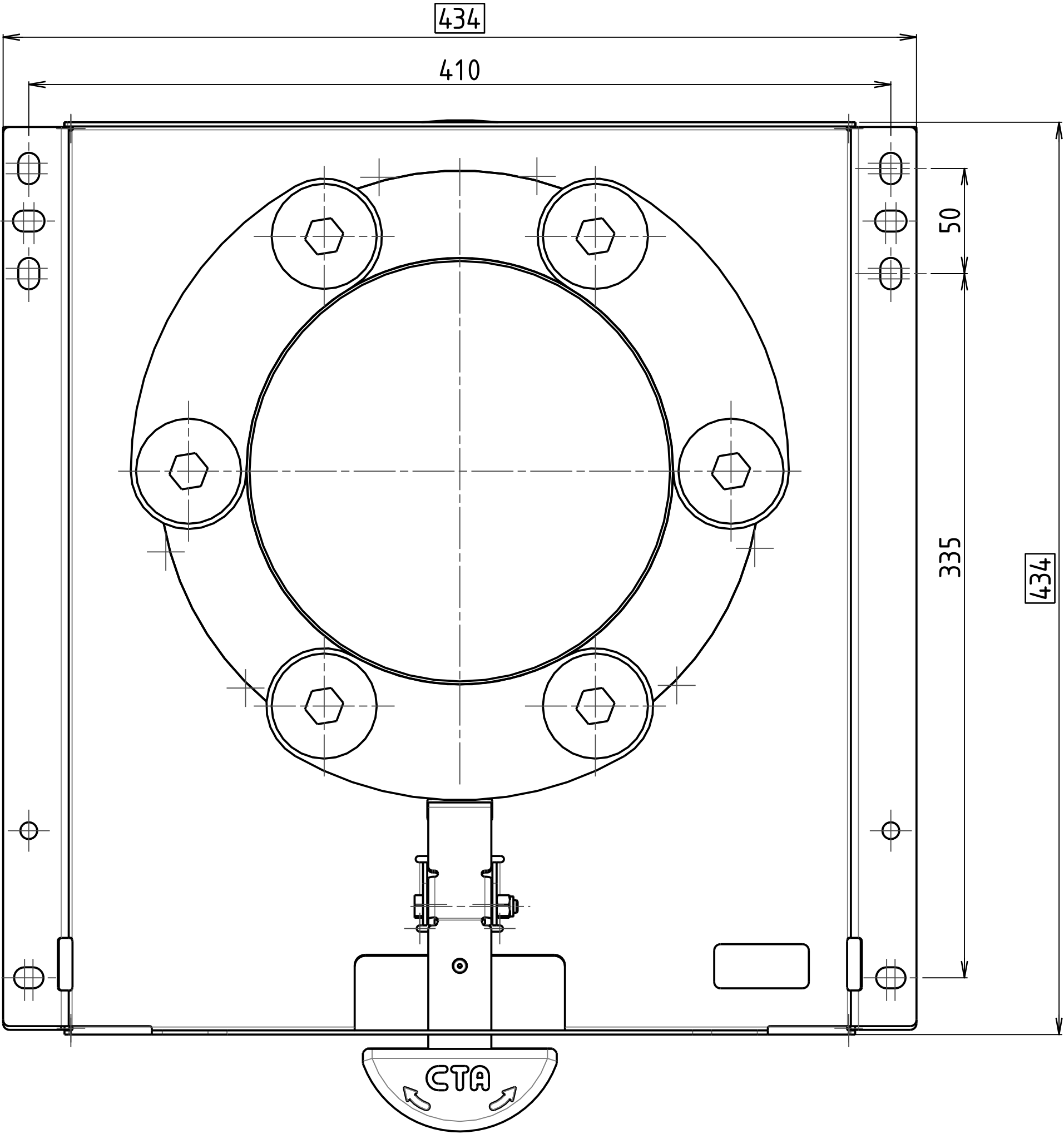
Pic.12: Setup after the test

Examiner: Dipl.-Ing. R. Walter
Dipl.-Ing. A. Weißgerber

Trier, 02.03.2026

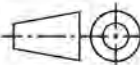
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RAW MATERIAL	QTY	NOTE
-	-	
OP SEQ	DESCRIPTION	NOTE
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2	-	
3	-	
4	-	
NEXT	IMBALLAGGIO	

Enclosure 2

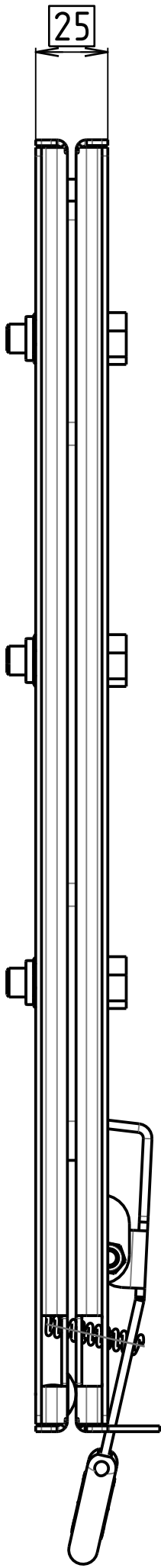
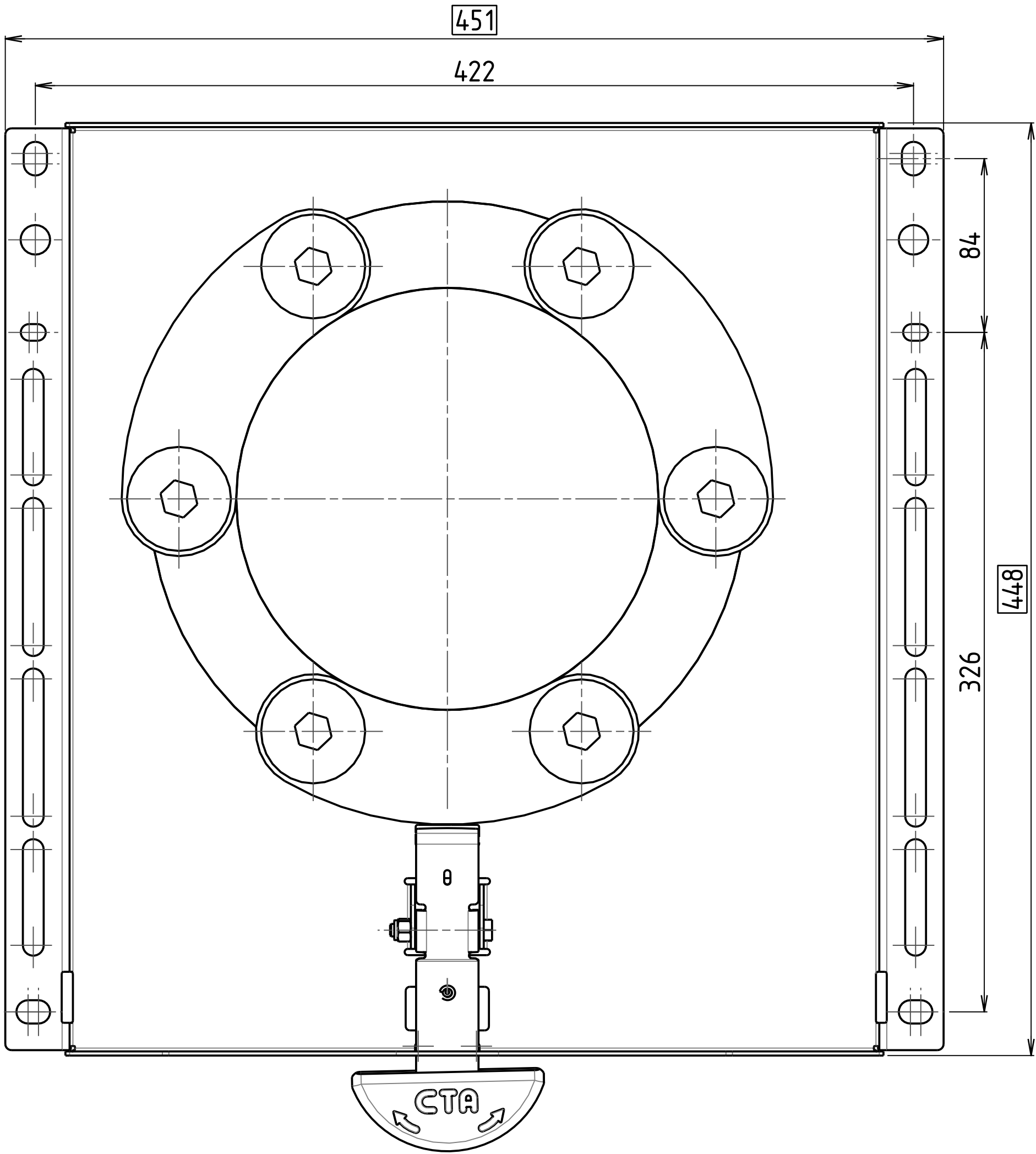
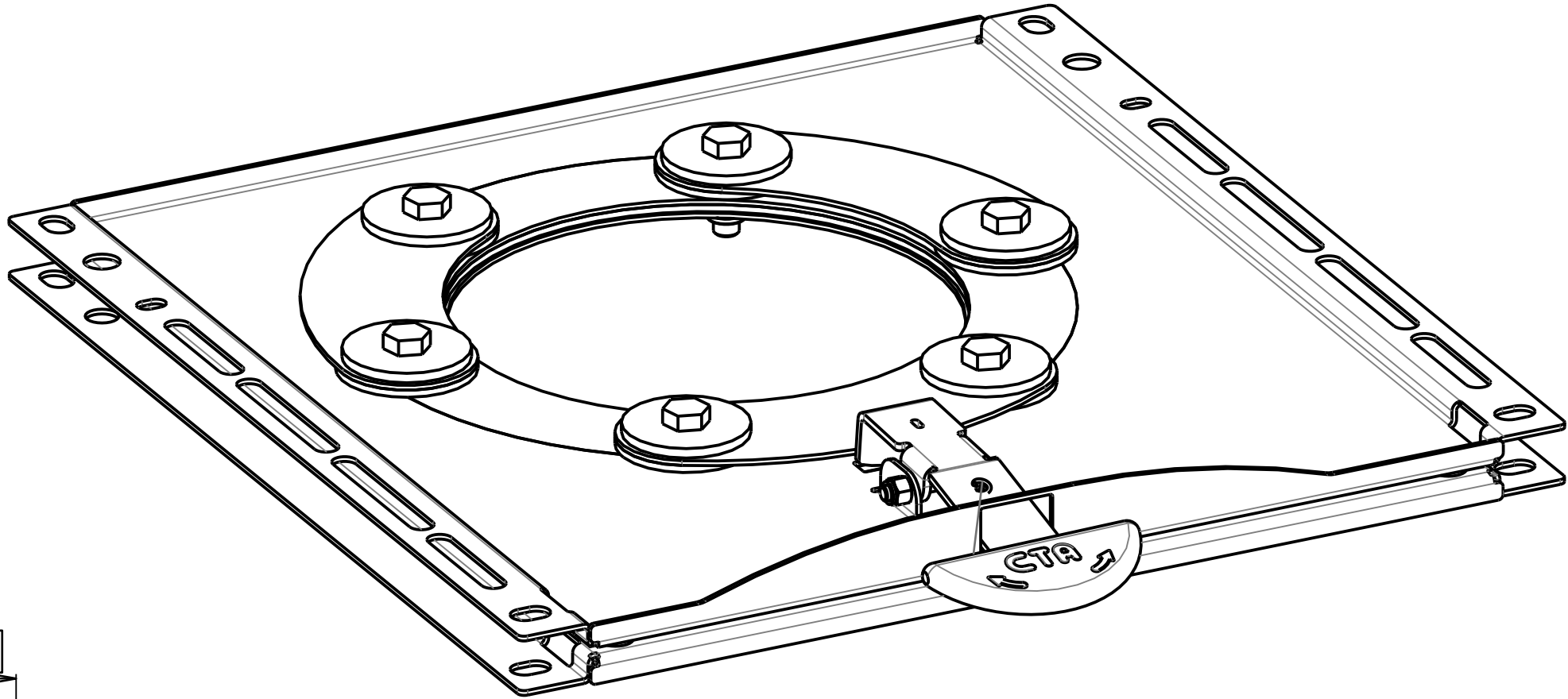


NOTE:
FOR MATERIALS REFER TO THE
INTERNAL INFORMATION SHEET

TIGHTENING TORQUE FOR M10 SCREWS: 40 Nm +/-2

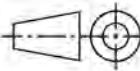
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7,5 Kg	SEE NOTES		f ☐	m ☐	c ☒	v ☐
SUPERFICIAL CHEMICAL TREATMENT		PAINTING	NOME FILE - REVISIONE			
			9PG0023001V01			
 Your comfort. Your safety.			DRAWN		DATE	
			S.R.		-	
			VERIFIED		DATE	
DESCRIPTION			M.C.		-	
			APPROVED		DATE	
			M.C.		-	
SWIVEL PLATE FOR FIAT DUCATO X250 / X290			SCALE	1 : 2		
			PAPER	1		
			OF	1		
P/N			FORMAT		CAD DRAWING MANUAL CHANGES OR MODIFICATION NOT ADMITTED	
9PG0023001V01			A2			
CTA S.r.l. - PROPERTY - NO REPRODUCTION - FIXED TERM LAW RIGHTS						

PN	DESCRIPTION	MASS
9PG0070010V01	SWIVEL PLATE SX MERCEDES SPRINTER	7,150037kg
RAW MATERIAL	QTY	NOTE
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OP SEQ	DESCRIPTION	NOTE
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3	-	
4	-	
NEXT	IMBALLO	

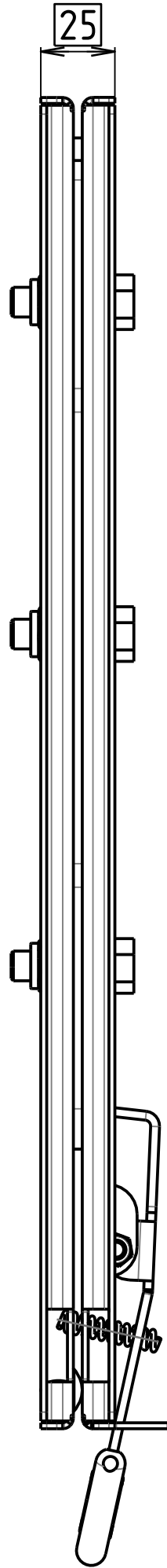
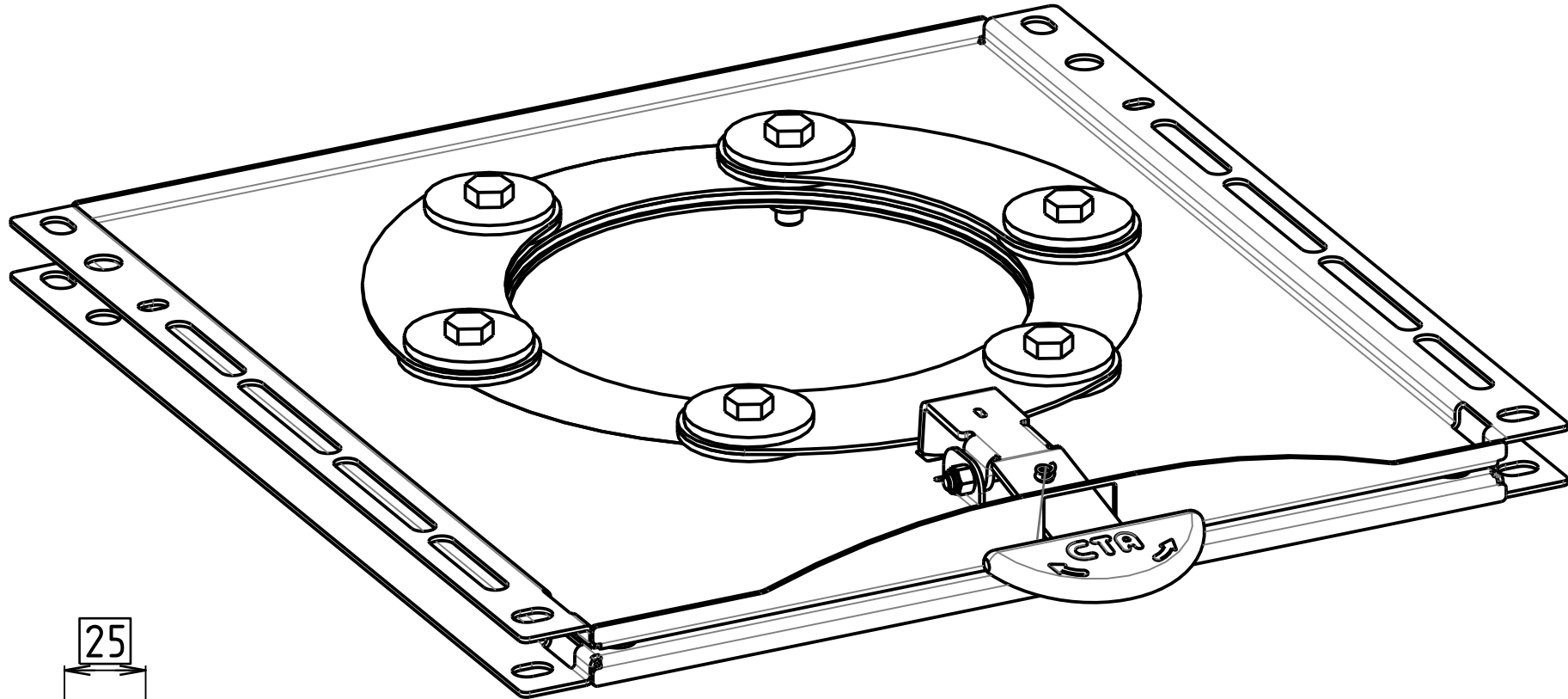
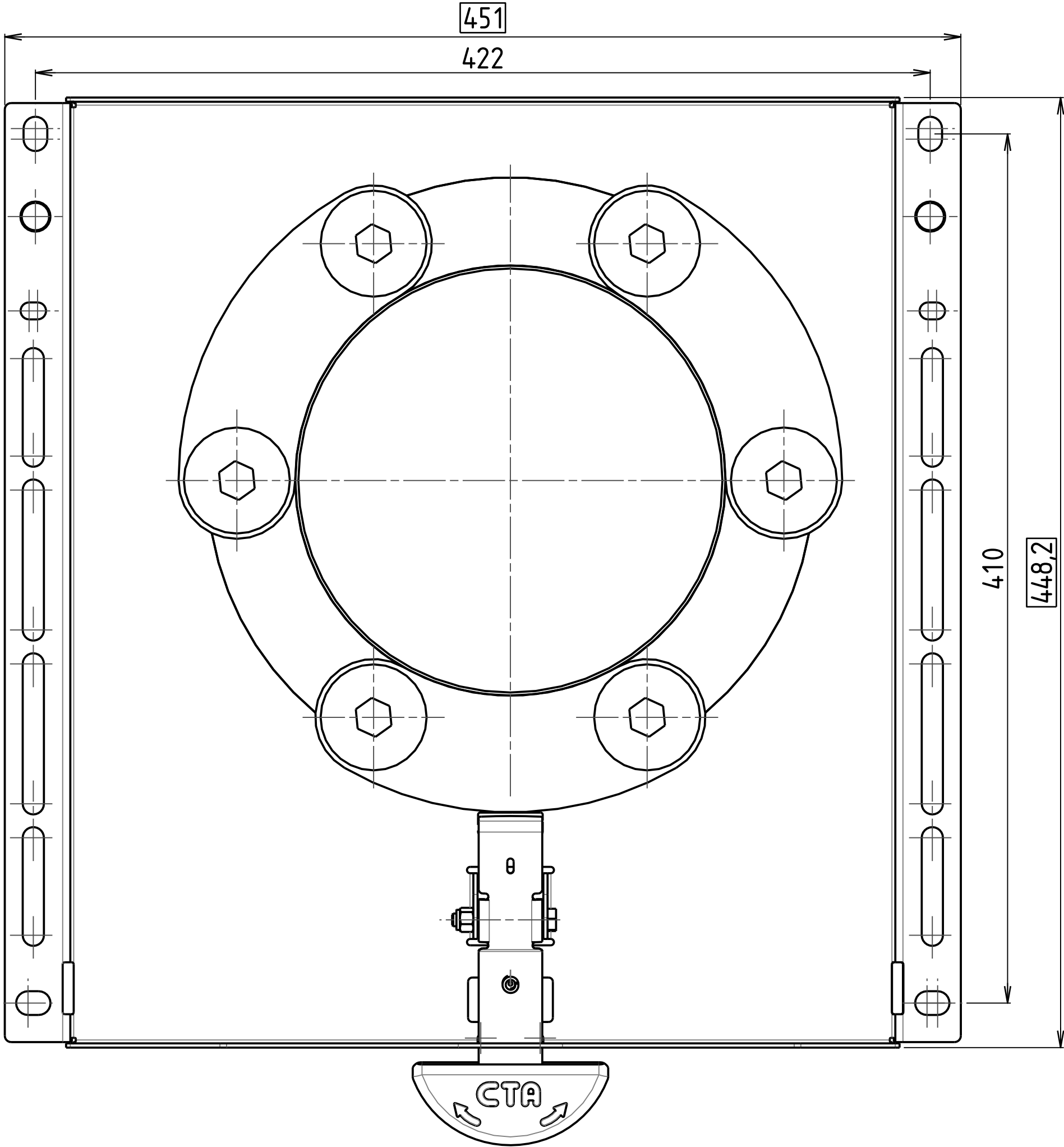


NOTE:
FOR MATERIALS REFER TO THE
INTERNAL INFORMATION SHEET

TIGHTENING TORQUE FOR M10 SCREWS: 40 Nm +/-2

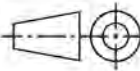
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REV.	DESCRIPTION		DONE	VERIFIED	DATE
MASS		MATERIAL	UNI EN 22768-1 TOLERANCE EXCEPT FROM WHERE INDICATED, LAKE:		
7150,0g		see particulars	f ☐	m ☐	c ☒ v ☐
SUPERFICIAL CHEMICAL TREATMENT		PAINTING	NOME FILE - REVISIONE		
			9PG0070010V01		
 Your comfort. Your safety.			DRAWN		DATE
			S.R.		-
			VERIFIED		DATE
DESCRIPTION			M.C.		-
			APPROVED		DATE
			M.C.		-
SWIVEL PLATE MERCEDES			SCALE	1 : 2	
			PAPER	1	
P/N			OF		
9PG0070010V01			FORMAT	A2	CAD DRAWING MANUAL CHANGES OR MODIFICATION NOT ADMITTED
CTA S.r.l. - PROPERTY - NO REPRODUCTION - FIXED TERM LAW RIGHTS					

PN	DESCRIPTION	MASS
9PG0070011V01	SWIVEL PLATE DX MERCEDES SPRINTER	7,107714kg
RAW MATERIAL	QTY	NOTE
-	-	
OP SEQ	DESCRIPTION	NOTE
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2	-	
3	-	
4	-	
NEXT	IMBALLO	

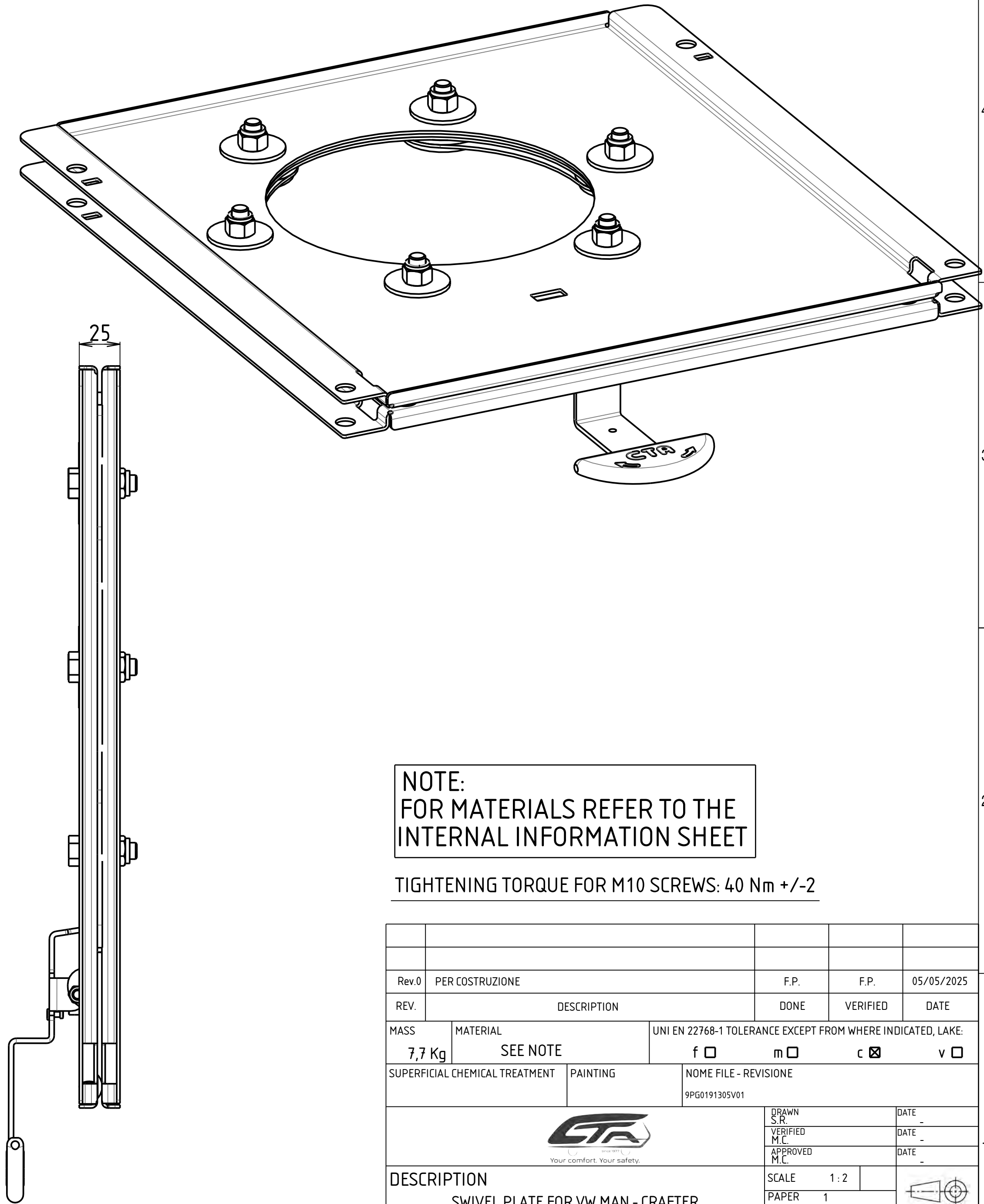
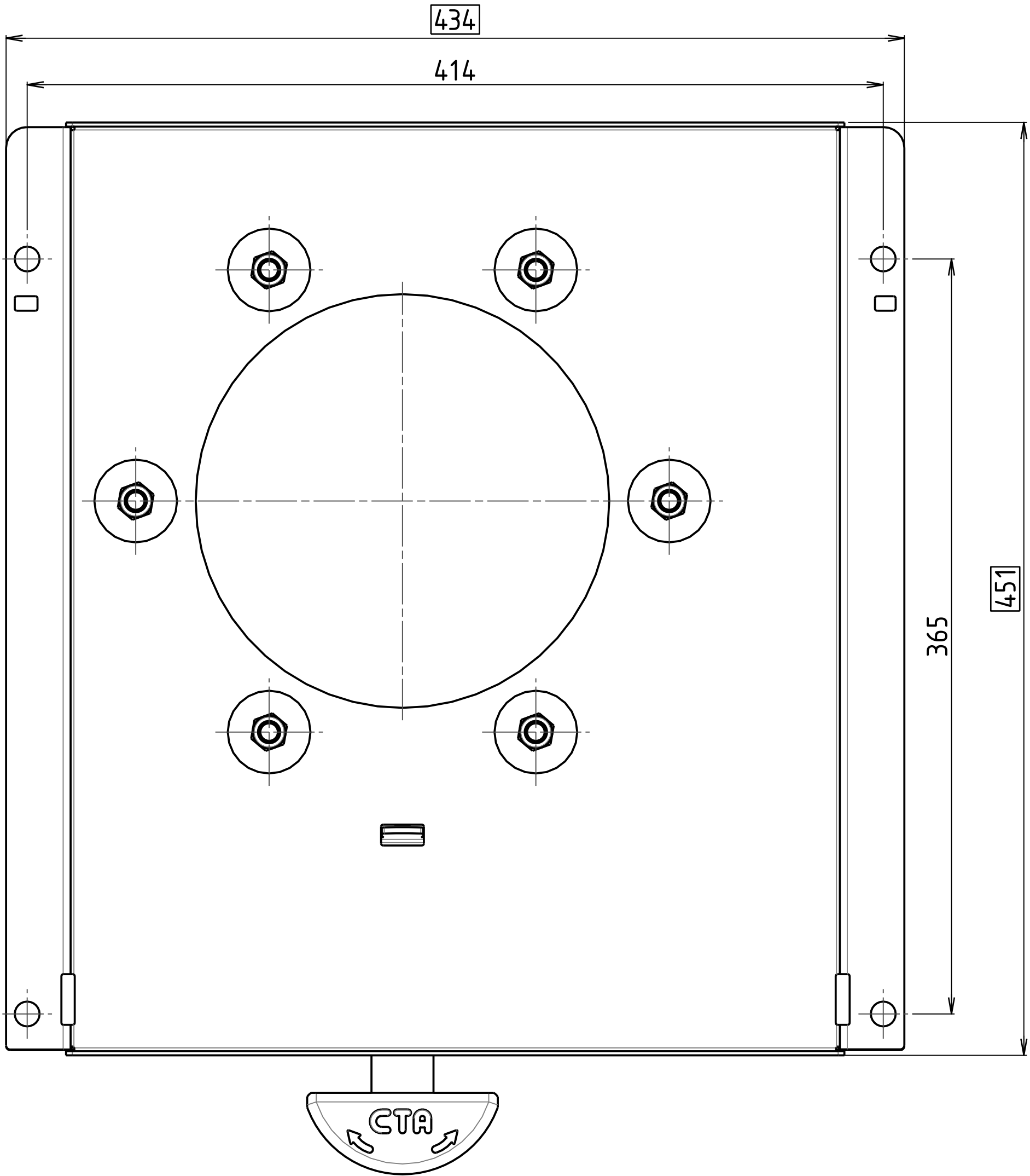


NOTE:
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INTERNAL INFORMATION SHEET

TIGHTENING TORQUE FOR M10 SCREWS: 40 Nm +/-2

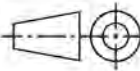
REV.1	Aumentata lunghezza sede per supporto anti-beccheggio		S.R.	S.R.	08/09/2025
REV.	DESCRIPTION		DONE	VERIFIED	DATE
MASS	MATERIAL		UNI EN 22768-1 TOLERANCE EXCEPT FROM WHERE INDICATED, LAKE:		
7107,7g	-		f ☐	m ☐	c ☒ v ☐
SUPERFICIAL CHEMICAL TREATMENT		PAINTING	NOME FILE - REVISIONE		
			9PG0070011V01		
 Your comfort. Your safety.			DRAWN		DATE
			S.R.		-
			VERIFIED		DATE
DESCRIPTION SWIVEL PLATE MERCEDES			M.C.		-
			APPROVED		DATE
			M.C.		-
P/N 9PG0070011V01			SCALE 1 : 2		
			PAPER 1		
			OF 1		
			FORMAT A2		CAD DRAWING MANUAL CHANGES OR MODIFICATION NOT ADMITTED
CTA S.r.l. - PROPERTY - NO REPRODUCTION - FIXED TERM LAW RIGHTS					

PN	DESCRIPTION	MASS
9PG0191305V01	SWIVEL PLATE FOR VW MAN - CRAFTER	-
RAW MATERIAL	QTY	NOTE
-	-	
OP SEQ	DESCRIPTION	NOTE
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2	-	
3	-	
4	-	
NEXT	IMBALLO	

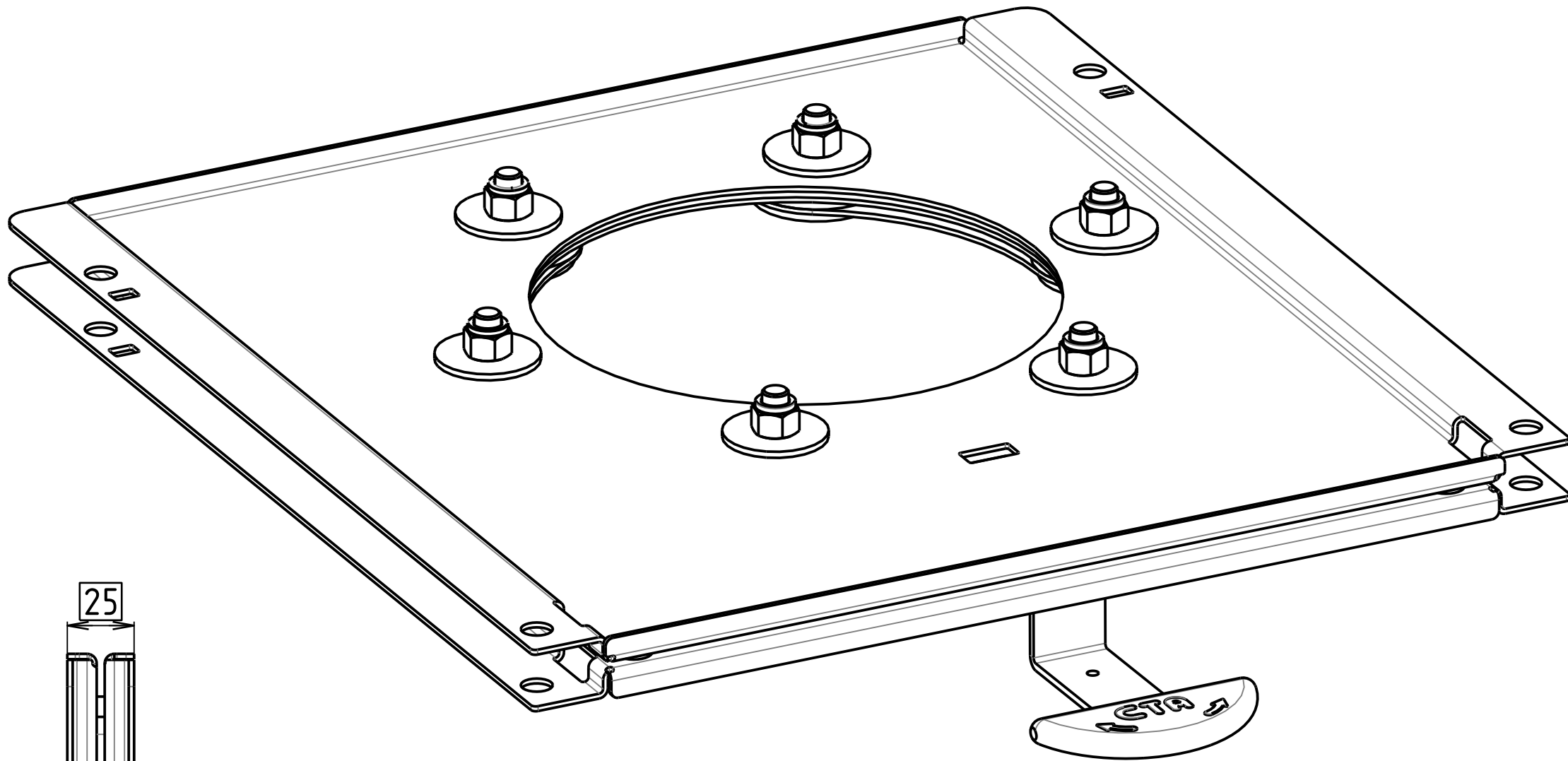
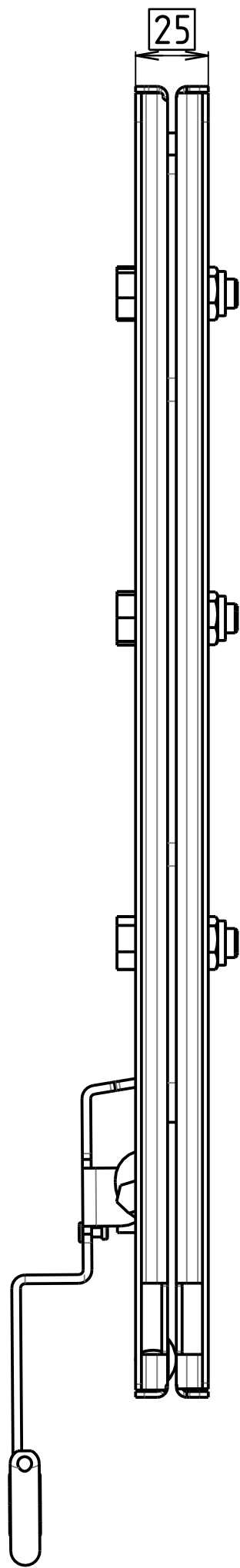
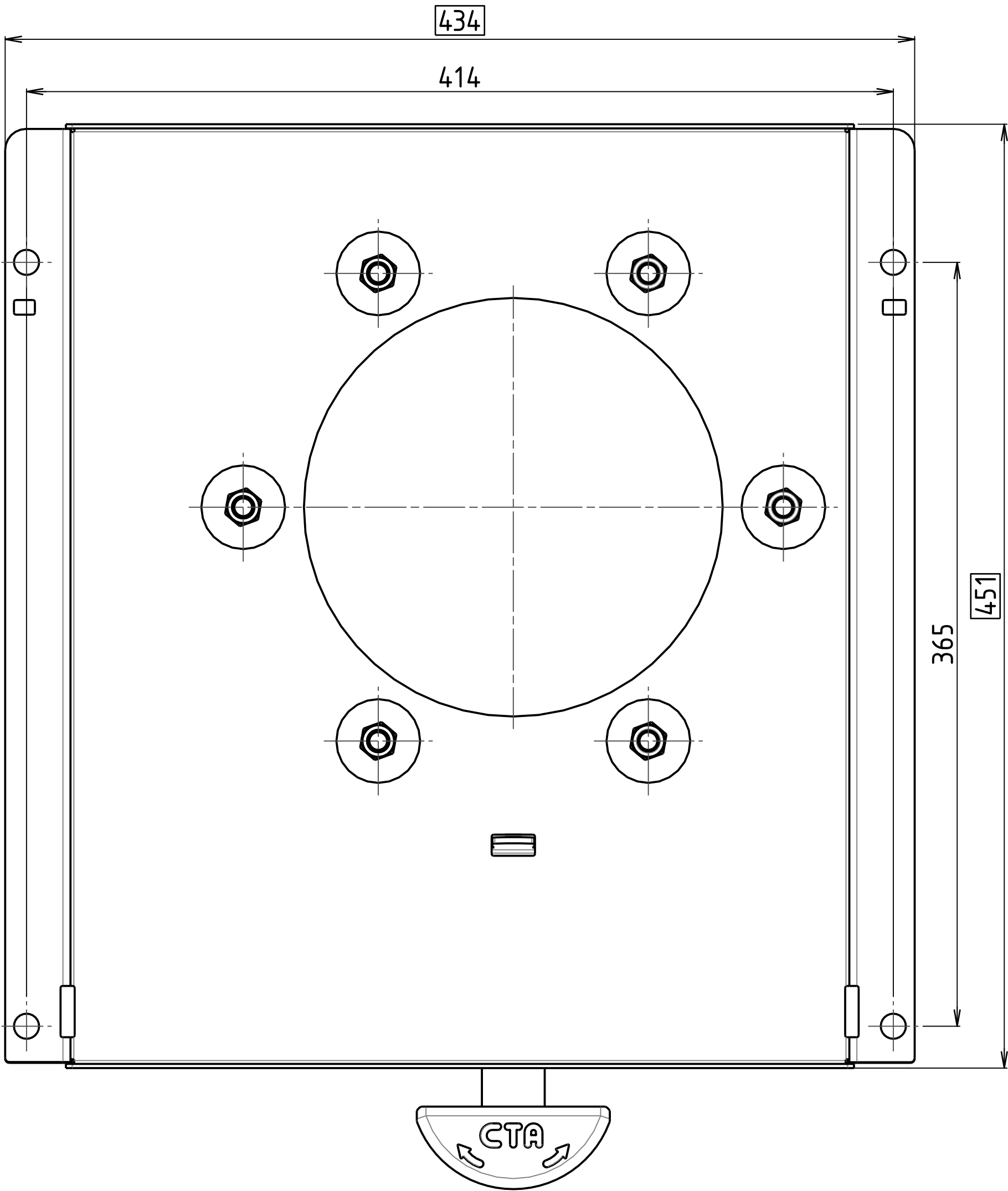


NOTE:
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INTERNAL INFORMATION SHEET

TIGHTENING TORQUE FOR M10 SCREWS: 40 Nm +/-2

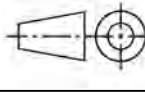
Rev.0	PER COSTRUZIONE	F.P.	F.P.	05/05/2025
REV.	DESCRIPTION	DONE	VERIFIED	DATE
MASS	MATERIAL	UNI EN 22768-1 TOLERANCE EXCEPT FROM WHERE INDICATED, LAKE:		
7,7 Kg	SEE NOTE	f ☐	m ☐	c ☒ v ☐
SUPERFICIAL CHEMICAL TREATMENT	PAINTING	NOME FILE - REVISIONE		
		9PG0191305V01		
 Your comfort. Your safety.		DRAWN S.R.	DATE _	
		VERIFIED M.C.	DATE _	
		APPROVED M.C.	DATE _	
DESCRIPTION		SCALE	1 : 2	
SWIVEL PLATE FOR VW MAN - CRAFTER		PAPER OF	1	
P/N	9PG0191305V01	FORMAT	CAD DRAWING MANUAL CHANGES OR MODIFICATION NOT ADMITTED	
		A2		
CTA S.r.l. - PROPERTY - NO REPRODUCTION - FIXED TERM LAW RIGHTS				

PN	DESCRIPTION	MASS
9PG0191306V01	SWIVEL PLATE FOR VW MAN - CRAFTER	-
RAW MATERIAL	QTY	NOTE
-	-	
OP SEQ	DESCRIPTION	NOTE
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3	-	
4	-	
NEXT	IMBALLO	

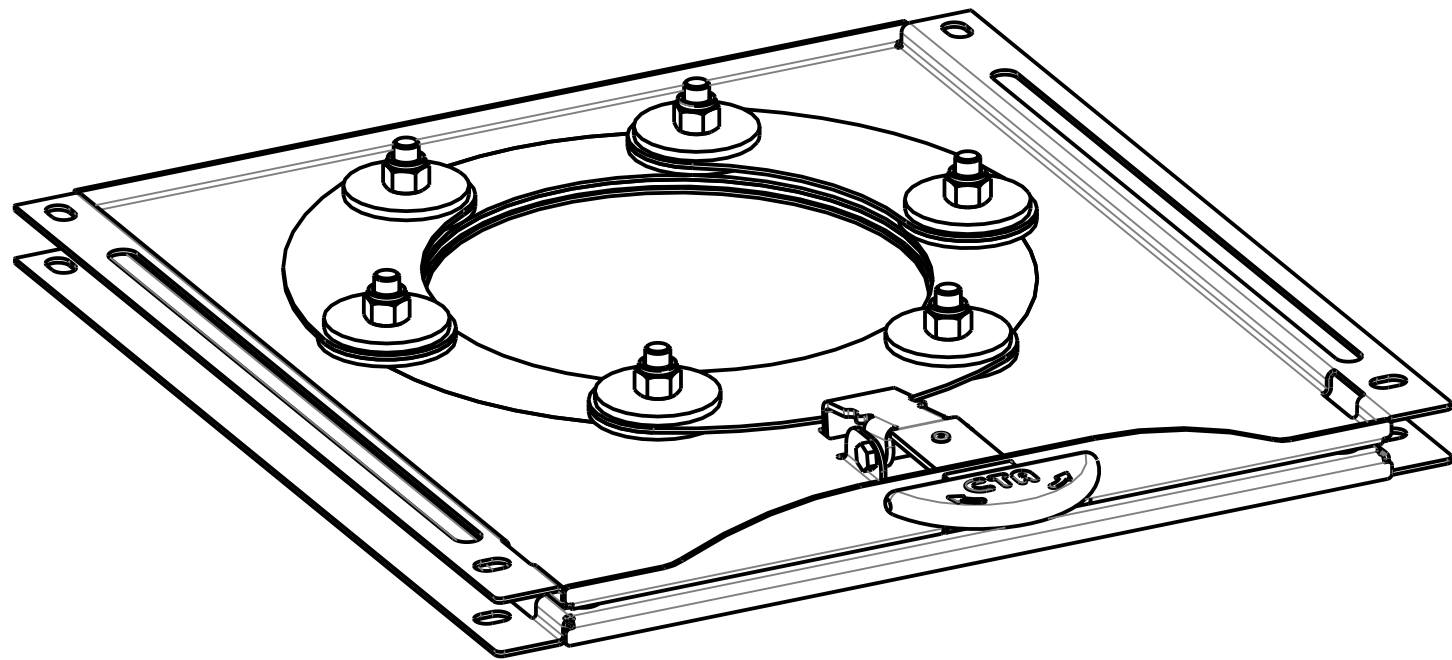
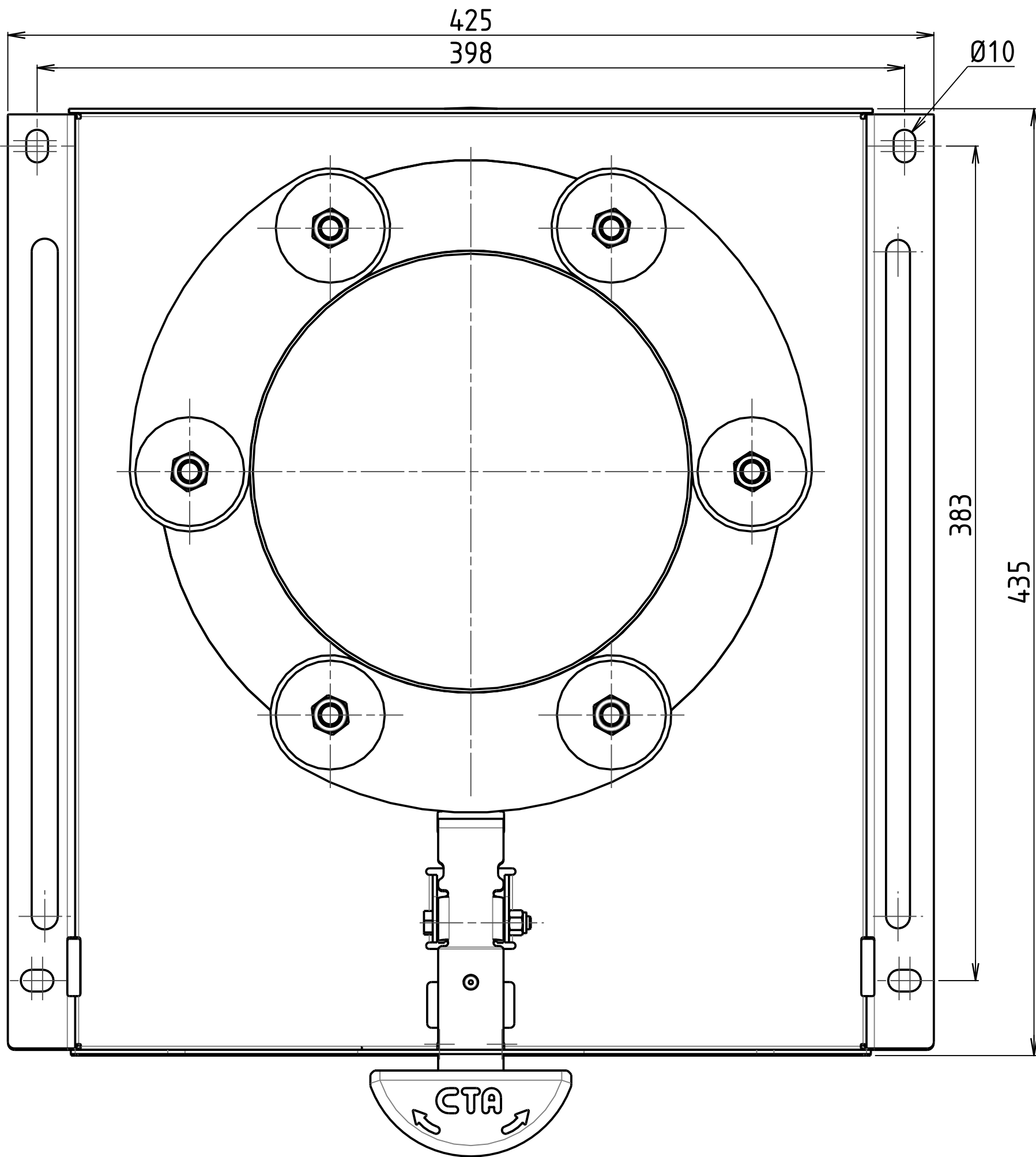
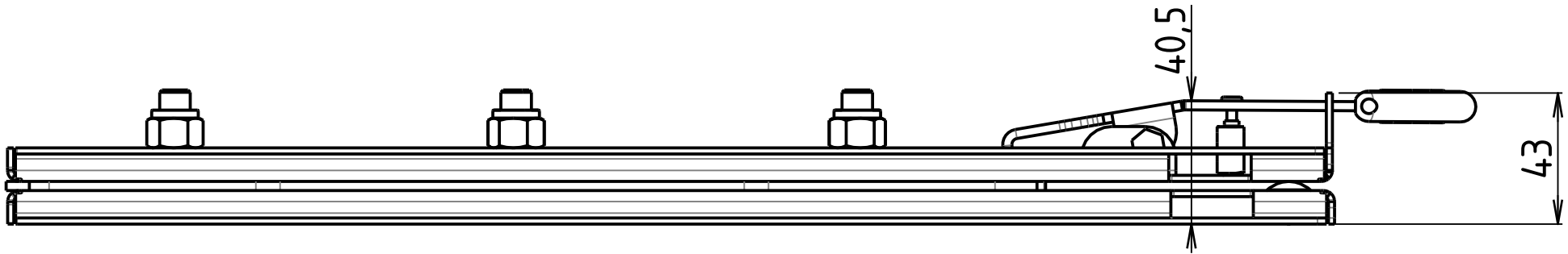
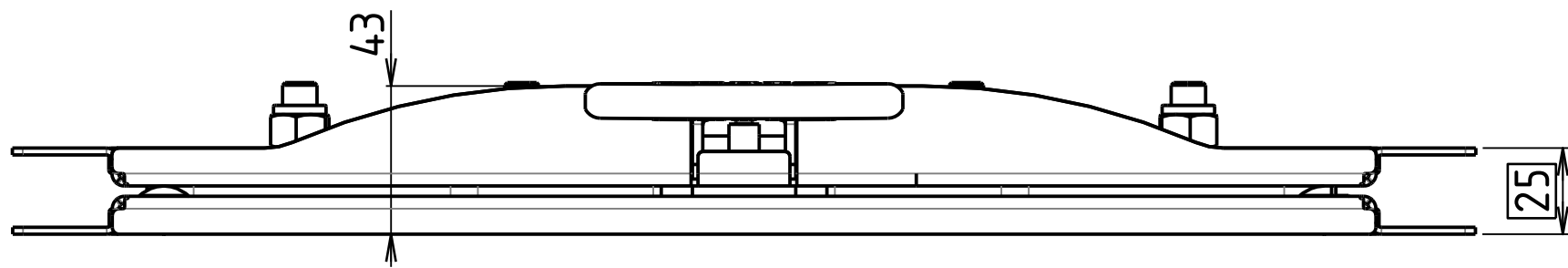


NOTE:
FOR MATERIALS REFER TO THE
INTERNAL INFORMATION SHEET

TIGHTENING TORQUE FOR M10 SCREWS: 40 Nm +/-2

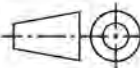
Rev.0	PER COSTRUZIONE		F.P.	F.P.	05/05/2025
REV.	DESCRIPTION		DONE	VERIFIED	DATE
MASS	MATERIAL		UNI EN 22768-1 TOLERANCE EXCEPT FROM WHERE INDICATED, LAKE:		
7,7	SEE NOTE		f ☐	m ☐	c ☒ v ☐
SUPERFICIAL CHEMICAL TREATMENT		PAINTING	NOME FILE - REVISIONE		
			9PG0191306V01		
 Your comfort. Your safety.			DRAWN		DATE
			S.R.		-
			VERIFIED		DATE
			M.C.		-
			APPROVED		DATE
			M.C.		-
DESCRIPTION SWIVEL PLATE FOR VW MAN - CRAFTER			SCALE	1 : 1	
			PAPER	1	
P/N 9PG0191306V01			OF	1	CAD DRAWING MANUAL CHANGES OR MODIFICATION NOT ADMITTED
			FORMAT	A2	
CTA S.r.l. - PROPERTY - NO REPRODUCTION - FIXED TERM LAW RIGHTS					

PN	DESCRIPTION	MASS
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RAW MATERIAL	QTY	NOTE
-	-	
OP SEQ	DESCRIPTION	NOTE
1	ASSEMBLAGGIO	
2	-	
3	-	
4	-	
NEXT	IMBALLO	



NOTE:
FOR MATERIALS REFER TO THE
INTERNAL INFORMATION SHEET

TIGHTENING TORQUE FOR M10 SCREWS: 40 Nm +/-2

Rev.3	Abbassata maniglia per sblocco rotazione		S.R.	S.R.	23/01/2026
Rev.2	Aggiornato disegno P01 e P02		S.R.	S.R.	18/11/2025
Rev.1	AGGIORNATE APERTURE E FORI PER FISSAGGIO SEDILE		S.R.	S.R.	15/09/2025
Rev.0	PER COSTRUZIONE		F.P.	F.P.	05/05/2025
REV.	DESCRIPTION		DONE	VERIFIED	DATE
MASS		MATERIAL	UNI EN 22768-1 TOLERANCE EXCEPT FROM WHERE INDICATED, LAKE:		
6,9 Kg		SEE NOTE	f ☐	m ☐	c ☒ v ☐
SUPERFICIAL CHEMICAL TREATMENT		PAINTING	NOME FILE - REVISIONE		
			9PG0085801V01		
 Your comfort. Your safety.			DRAWN S.R.		DATE 17/04/2025
			VERIFIED M.C.		DATE 17/04/2025
			APPROVED M.C.		DATE 17/04/2025
DESCRIPTION			SCALE 1 : 2		
SWIVEL PLATE VOLKSWAGEN TRANSPORTER			PAPER 1 OF 2		
P/N			FORMAT		CAD DRAWING MANUAL CHANGES OR MODIFICATION NOT ADMITTED
9PG0085801V01			A2		
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