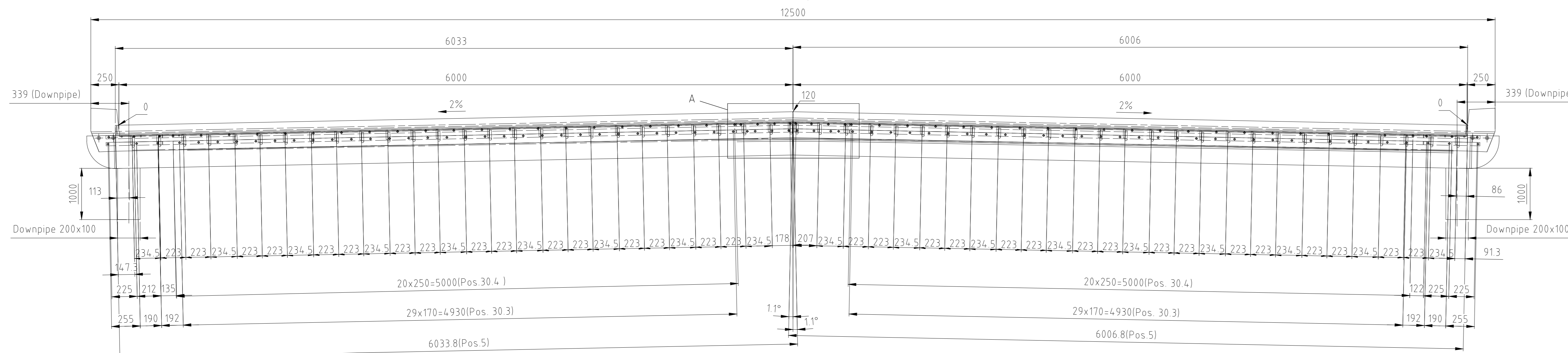
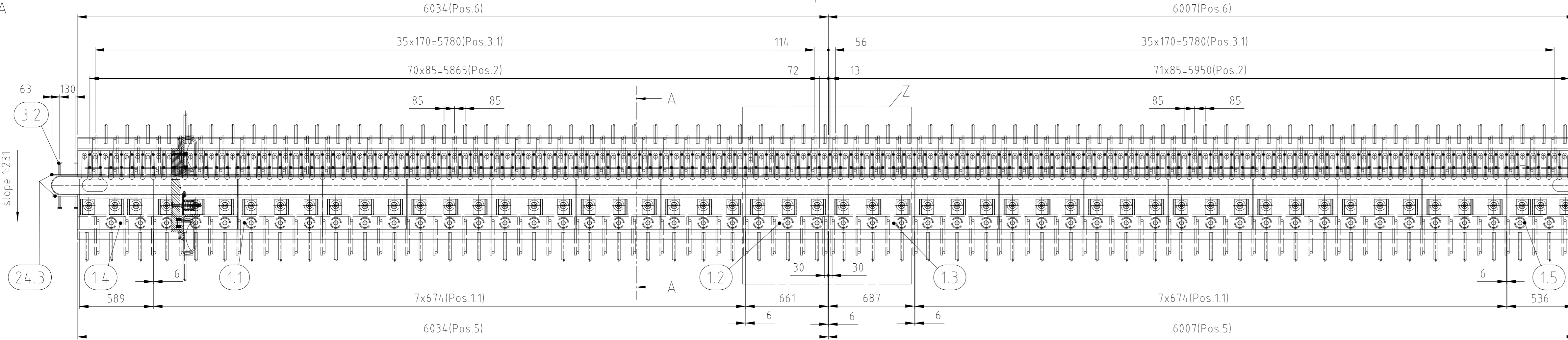


View at Mainspan (Lent)



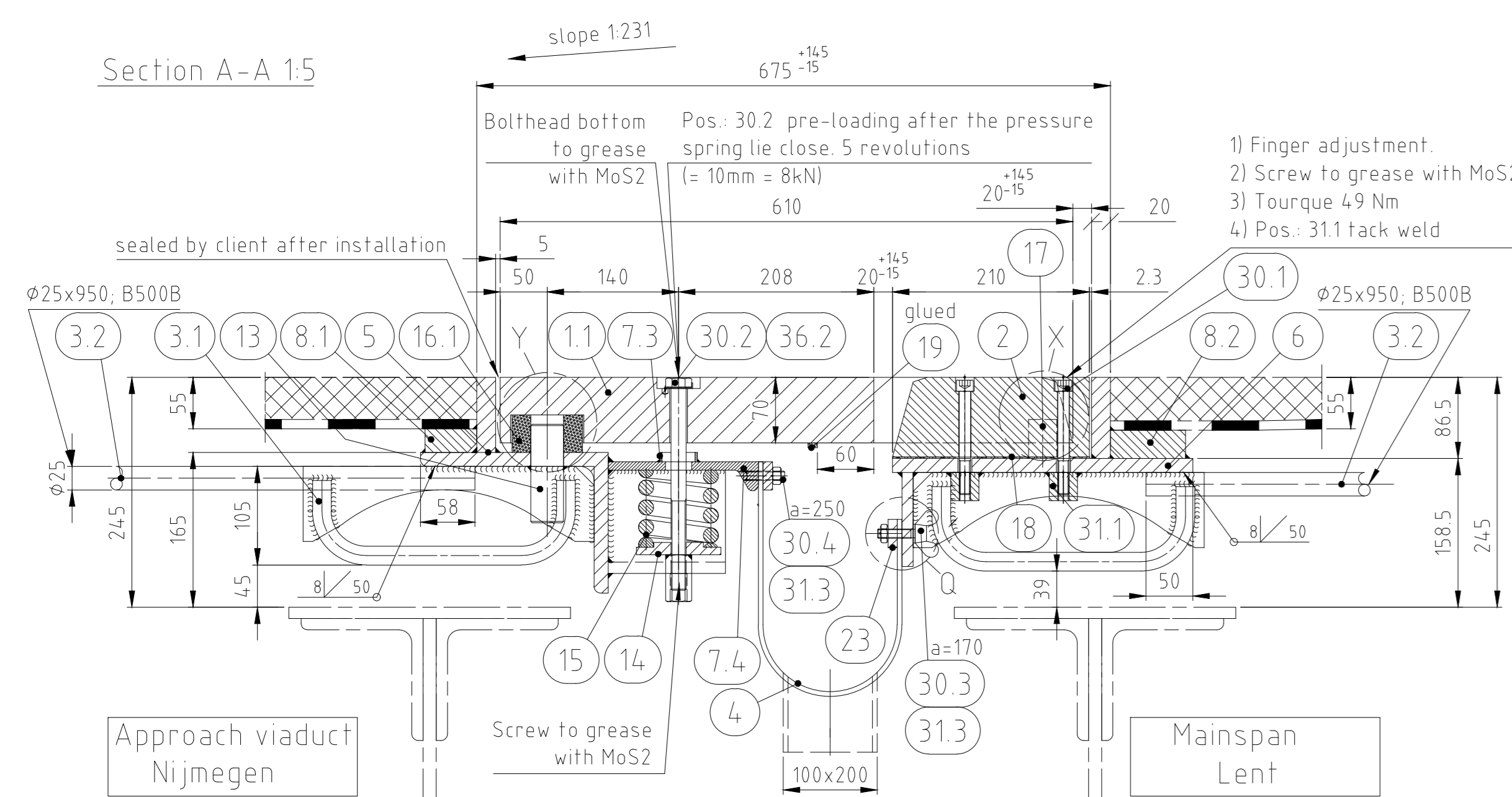
Scale 1:20
Axis 6-6A

Mainspan (Lent)



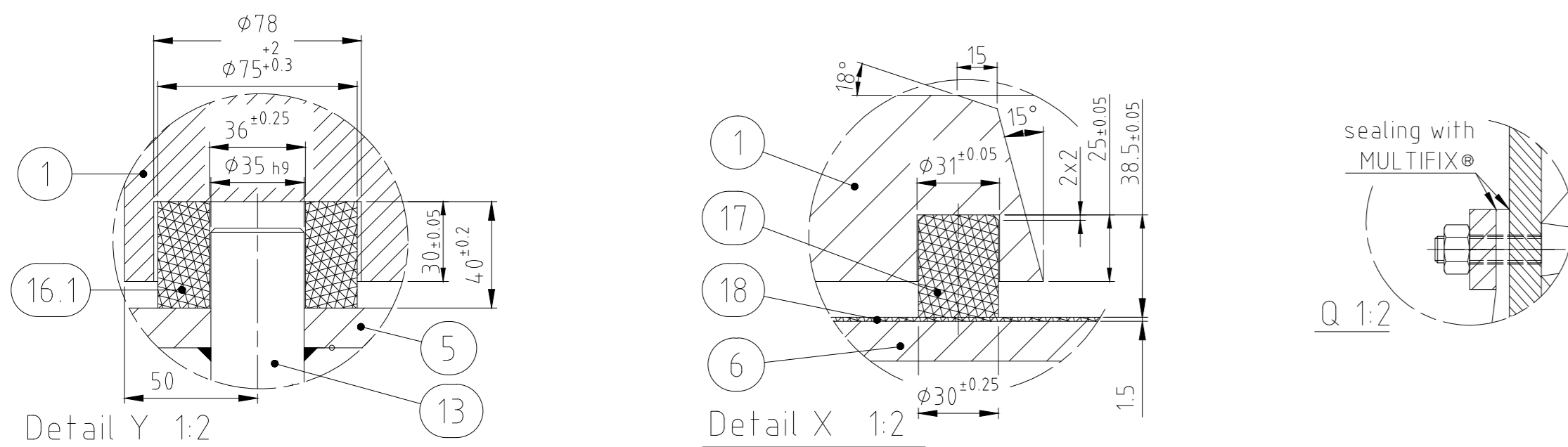
Approach viaduct (Nijmegen)

Section A-A 1:5

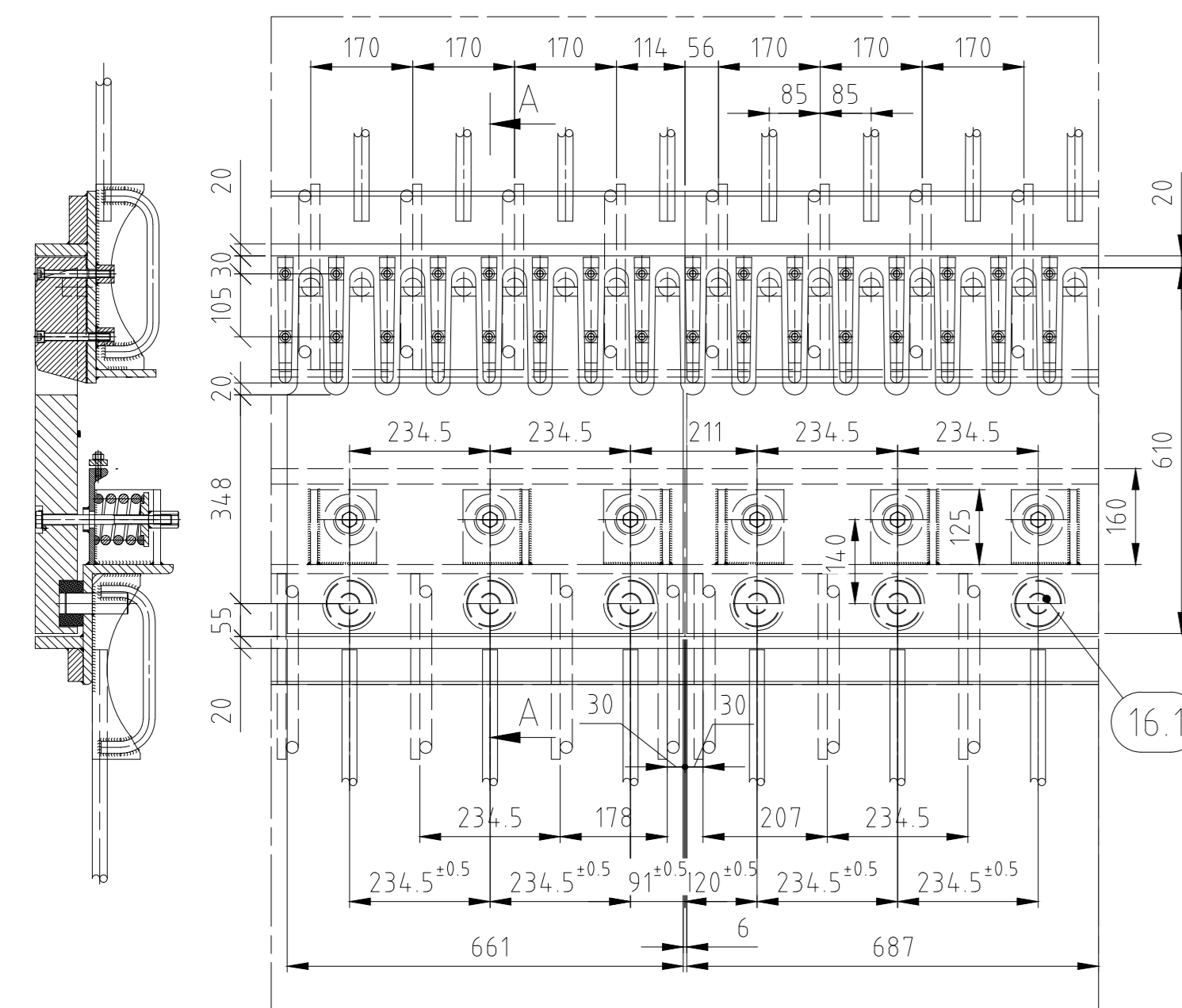


Approach viaduct Nijmegen

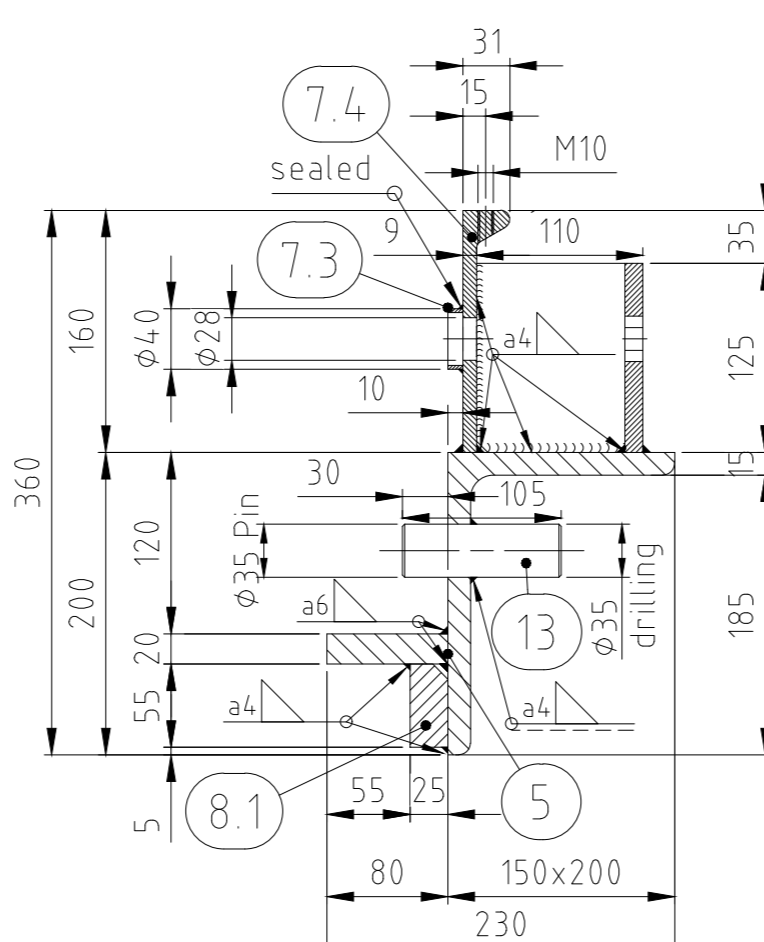
Mainspan Lent



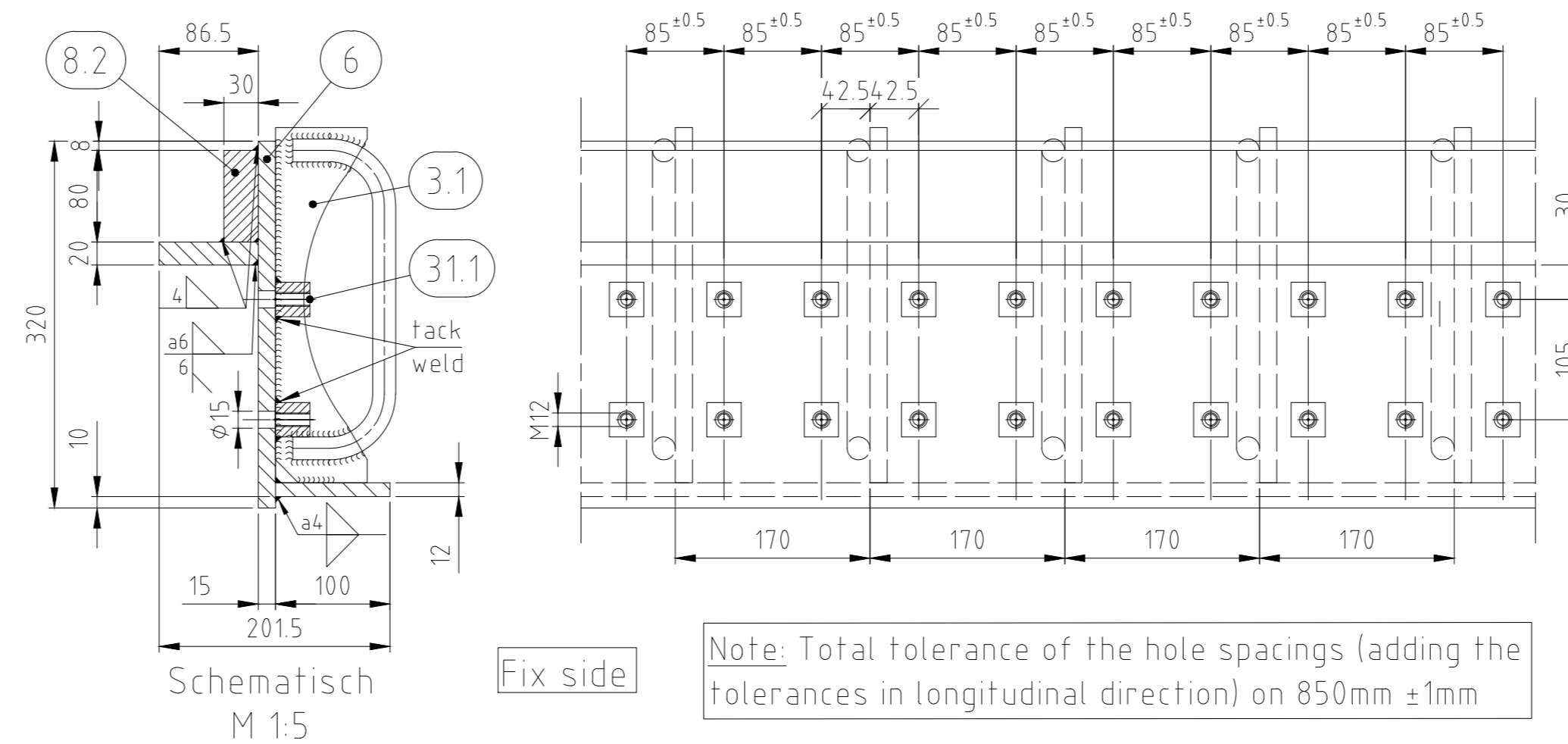
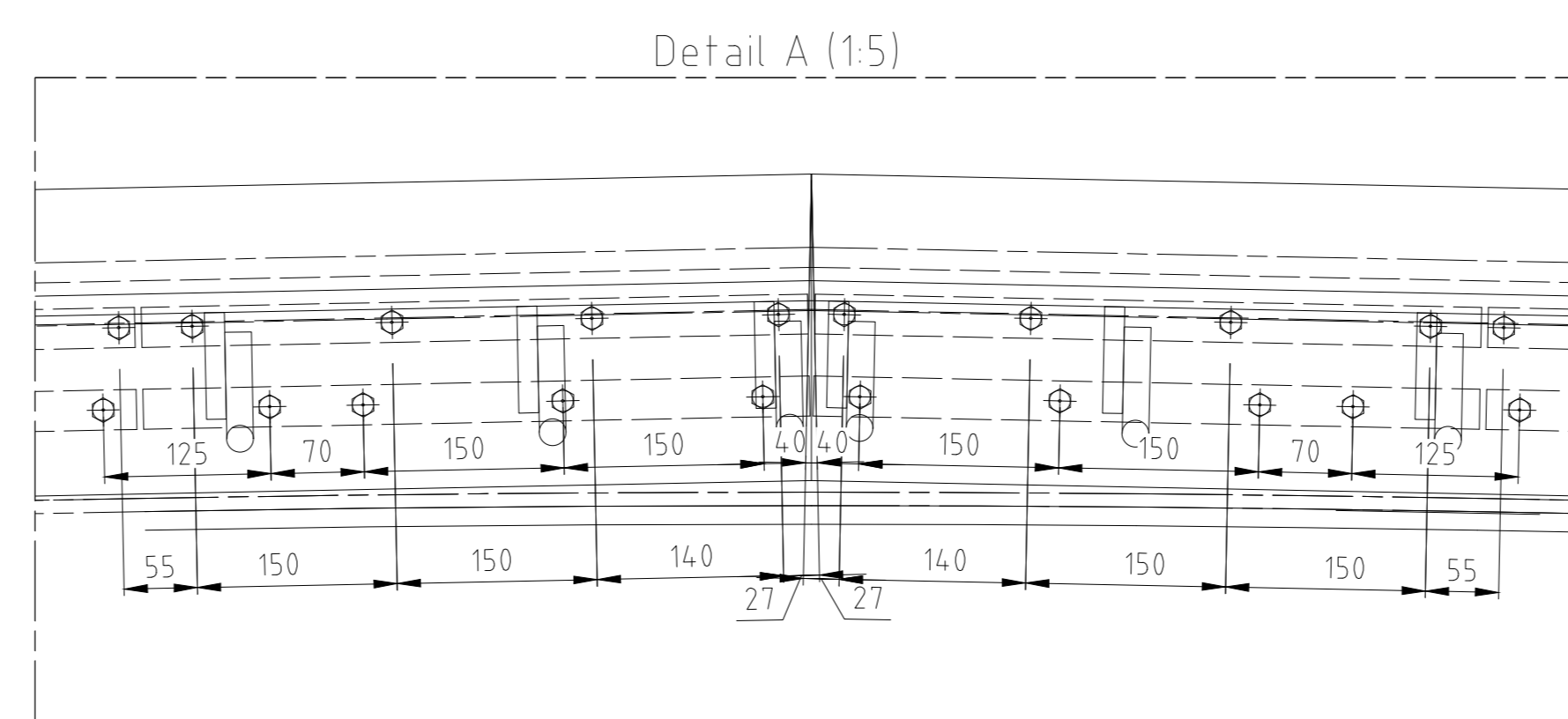
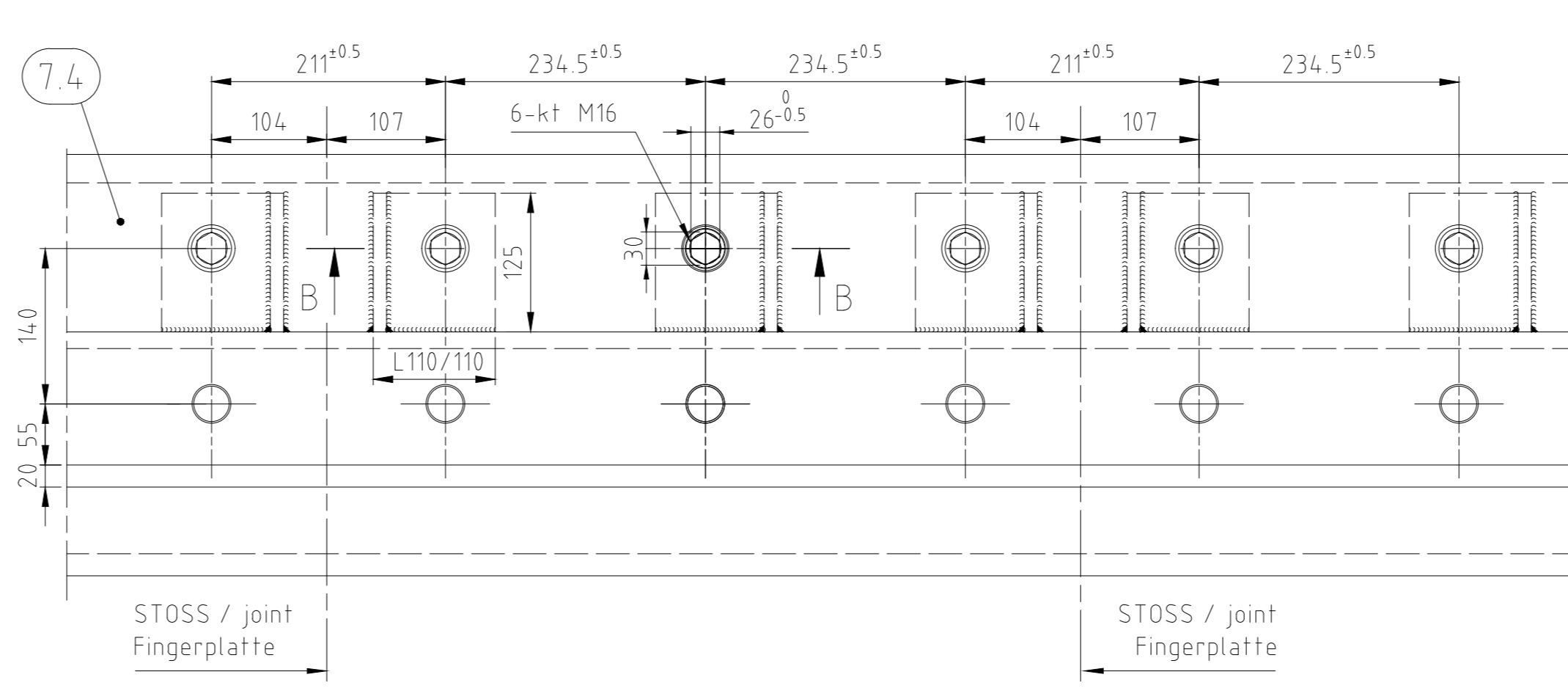
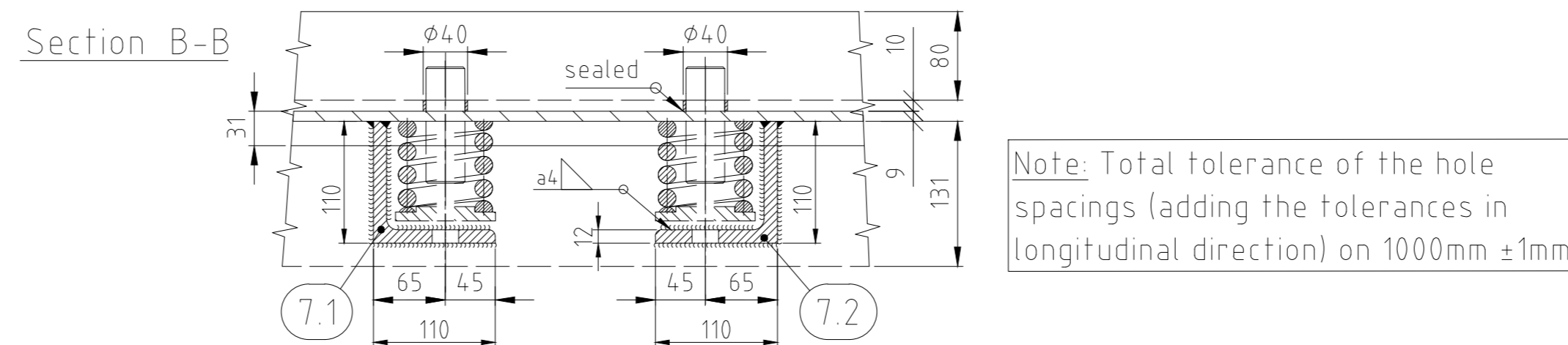
Detail Z 1:10



schematic movable side M 1:5



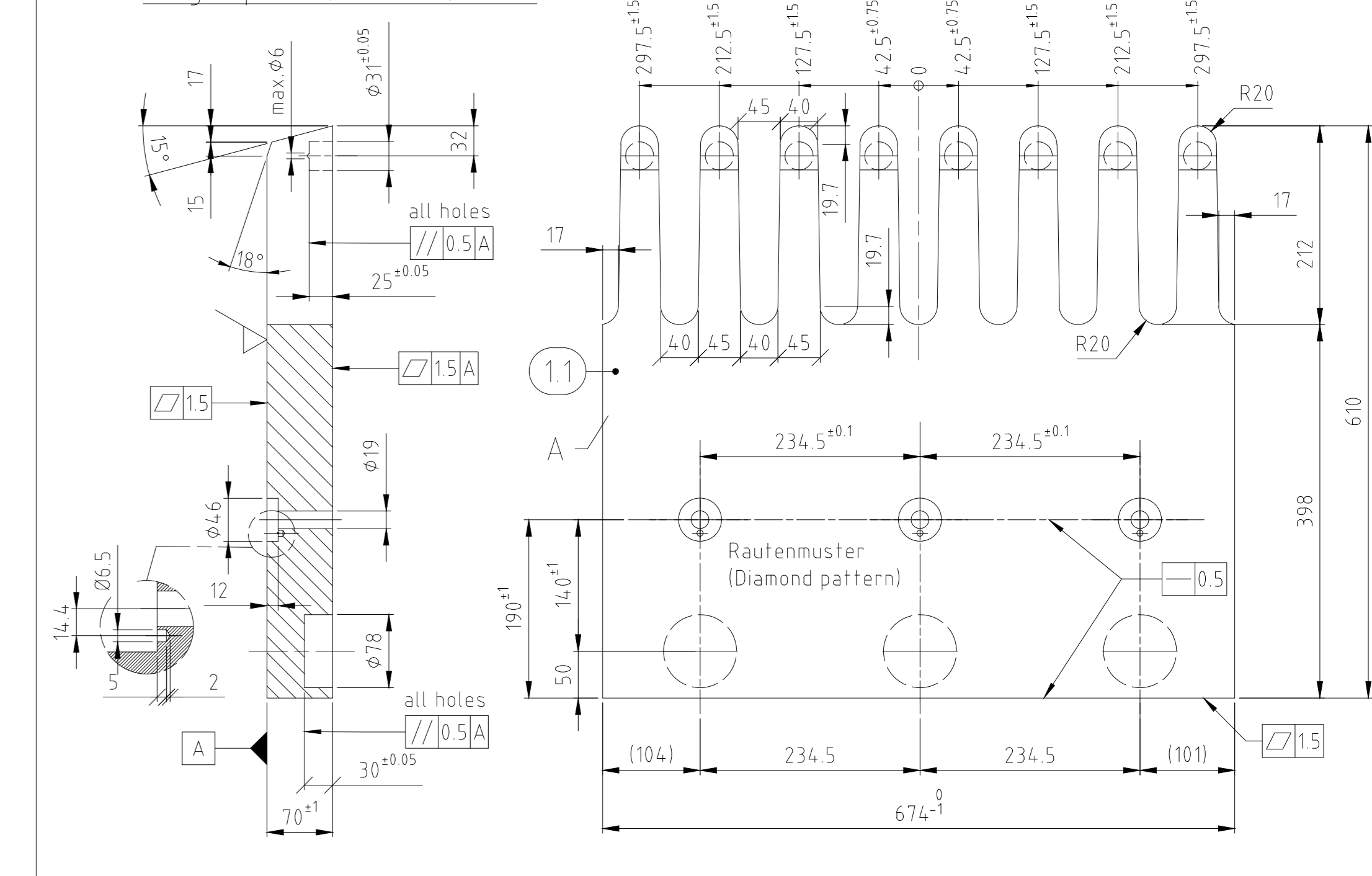
Section B-B



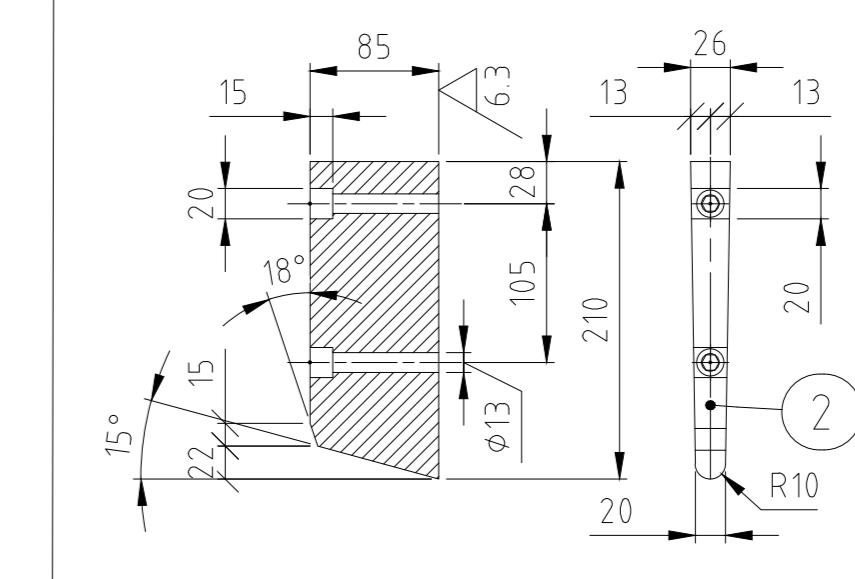
Note: Total tolerance of the hole spacings (adding the tolerances in longitudinal direction) on 850mm ±1mm

Note: Total tolerance of the hole spacings (adding the tolerances in longitudinal direction) on 1000mm ±1mm

Finger plate (movable) M 1:5



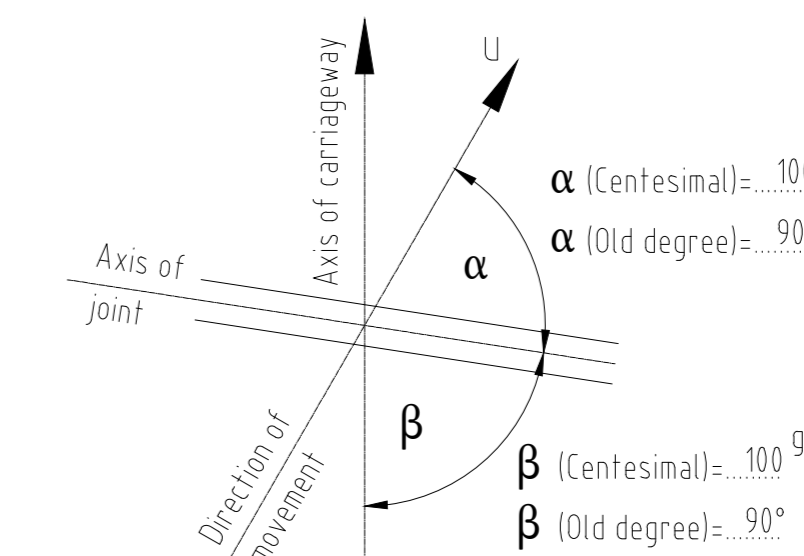
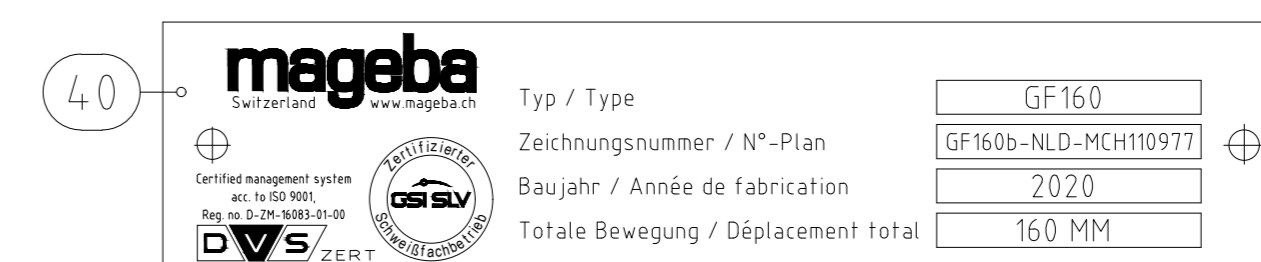
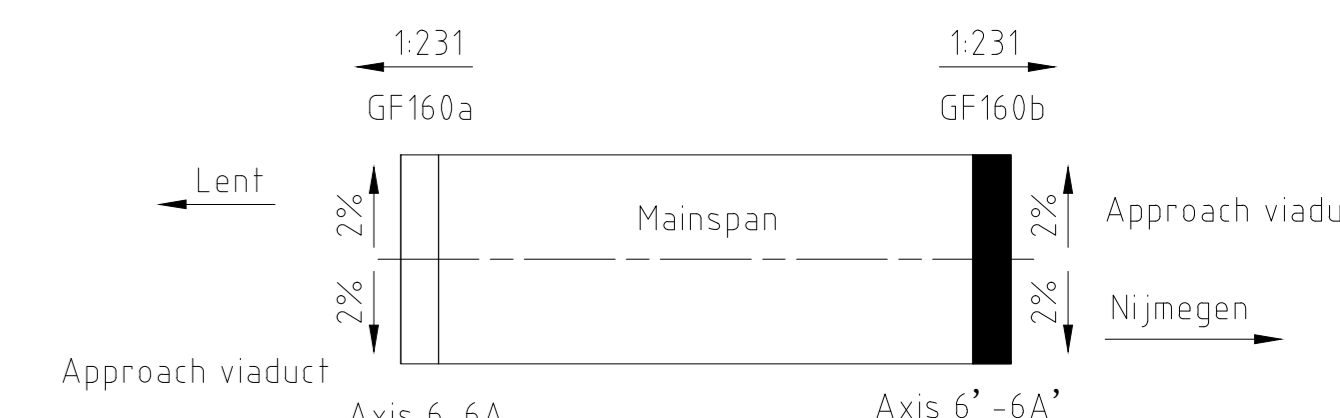
Finger fix GF 160 M 1:5



(M1:2)

Diamond pattern (f=2+1) must be created on the surface of all fingerplates (Pos.: 1) in the carriageway. Pitch = 66,66mm

Location scheme



Installation at 0°C	Dimension V = mm
Installation at 5°C	Dimension V = 20 mm
Installation at 10°C	Dimension V = 20 mm
Installation at 15°C	Dimension V = 20 mm
Installation at 20°C	Dimension V = mm
Movement per 1°C = mm	
Factory presetting = 20 mm	

Information for workshop:
All welds that are not labelled shall be carried out as a4/4mm

FOR ALL NOT TOLERATED DIMENSIONS APPLY:	
General tolerances for welded structures	ISO 2768-w/EN22788-v
Flame cutting	EN ISO 9013-442
ELEVATION GROUP FOR	
Welding irregularities	EN ISO 5817-B/C
ADDITION IN CASE OF STEEL-BASE WITH UPE	
Limit deviations	EN 10273-Tab.2

Corrosion protection mägeba

Sub construction (direct exposed to environment):
Corrosion protection according to EN ISO 14713-1 and EN ISO 1461, within an atmospheric environment of corrosivity category C5, with an expected durability VH (very high). Preparation grade according to ISO 8501-3 P2.

1 Sand blasting	Sa 2 1/2
2 Hot dip galvanizing	140 µm
Average Thickness (target thickness)	140 µm

Finger plates:
Corrosion protection according to EN ISO 14713-1 and EN ISO 1461, within an atmospheric environment of corrosivity category C5, with an expected durability H (high). Preparation grade according to ISO 8501-3 P2.

1 Sand blasting	Sa 2 1/2
2 Hot dip galvanizing	140 µm
Average Thickness (target thickness)	140 µm

2 Steel plate (movable side)	80x30-L Total=12,4 m	8.2	S235J2	
2 Steel plate (fix side)	55x25-L Total=12,4 m	8.1	S235J2	
2 Edge profil (movable side)	HP160x135; L Tot=12,4 m	7.4	DH36/S35J2	
54 Pipe	DA=40; T=2.5 L=10	7.3	S355J2H	
35 J-Kasten f. Randprofil 110x110x12	L=125 mm	7.2	S235J2	
19 L-Kasten f. Randprofil 110x110x12	L=125 mm	7.1	S235J2	
2 Edge-Profil (GF160-fix)	2015x320; L Tot=12,4 m	6	S235J2	
2 Edge-Profil (GF160-movable)	200x230; L Tot=12,4 m	5	S235J2	
1 Identification plate	150x32,5x1,5	4.0	Alu	50.01569
1 Drainage channel	5x560; L Tot=12.6m	4	EPDM	
54 Locking plate-DIN 432	M16; 17x36/5.5/12/15	36.2	A4	505.0291
132 Hexagon nut-ISO4032	M10x8	31.3	A4-70	610.1320.3.0000
282 4-kt steel with internal thread	30x30x30; M12	31.1	1.4.4.04	
57 Thread rod	M10x40	30.4	A4	
8 Stud	Ø16x100	3.2	S137-3k	
124 Carriageway anchor	105x310/D20	3.1	S355J2	
2 End plate right	f=10	24.4	S235J2	
2 End plate left	f=10	24.3	S235J2	
2 Flamm cut part	10x86.5x212	24.2	S235J2	
2 Flamm cut part	10x80/90x280	24.1	S235J2	
4 Terminal strip 30/10	L Tot=24.5 m	23	S235J2	
141 Fixed finger GF 160	85x207/26x210	2	S355J2	
18 Strip for finger plate	10x5; L Tot=12.01m	19	EPDM	
2 Sliding sheet	15x210; L Tot=12,04m	18	1.4.4.04	
141 Sliding pin	D30x4.0	17	PA	
54 Sleeve with hole	Ø75/Ø36x4.0	16.1	PA	50.01227
54 Compression spring	Ø87x16x80	15	1.4.5.71	
54 Spring plate with nut	Ø90x13 H= 61 mm	14	1.4.4.04	50.01203
54 Round steel	Ø35h9 x 105 mm	13	S355J2	
1 Finger plate	70x610x536	15	S355J2	
1 Finger plate	70x610x589	1.4	S355J2	
1 Finger plate	70x610x687	1.3	S355J2	
1 Finger plate	70x610x661	1.2	S355J2	
14 Finger plate	70x610x674	1.1	S355J2	

mägeba

Client	Smits Neuhätel infrastructuur BV	Project	Waalbrug Nijmegen, Carriageway Mainspan
Structural Number	TENSA@FINGER GF160	Location	Axis 6 - 6A
P.No.	80100264 - MCH10977	Sheet No.	2
Scale		Weight	