

Handleiding Asta trap



Asta trap

De Asta trap is een praktische oplossing die perfect past in uw huis, garage of bijkeuken. Vertrouw op een minimalistische vorm en hoge functionaliteit. Ondersteund door de eenvoud van montage en toegang tot vele productvarianten die kunnen worden aangepast aan de omstandigheden en indeling van de ruimte. U bepaalt hoe de trap eruit komt te zien. Door de eenvoud van het ontwerp kan het gehele montageproces zonder gekwalificeerde specialisten worden uitgevoerd..

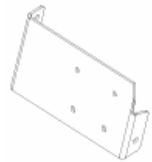
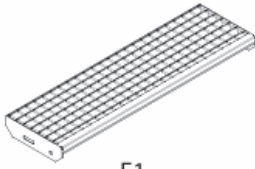
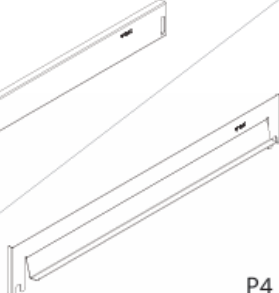
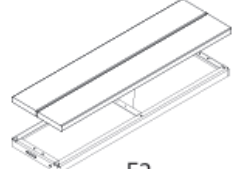
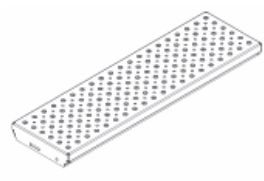
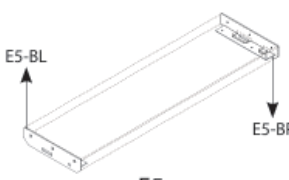
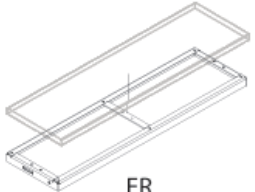
Door het gebruik van standaard, kant en klare onderdelen is de Asta trap toepasbaar voor iedere ruimte. De trappen kunnen bijvoorbeeld worden toegepast in woningen, industriële gebouwen, maar ook in bijkeuken, kantoren of terrassen. De materialen zijn zo ontworpen dat het zelf monteren / installeren eenvoudig is.

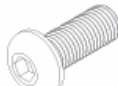
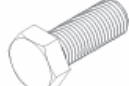
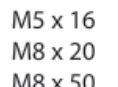
Er zijn meerdere mogelijkheden beschikbaar. Bovendien kunt u zelf beslissen welk type 'trapvulling' u kiest. De sets bevatten naast treden en leuning die nodig zijn voor zelf montage, zoals: bouten, schroeven, etc.

Het grote voordeel van de Asta trap is dat deze relatief weinig ruimte in beslag neemt. Zo is deze gemakkelijker te integreren in minder ruime interieurs. Hierdoor zijn ze vooral geschikt wanneer u zo min mogelijk ruimte wilt gebruiken.

- Makkelijk & snel (zelf) te plaatsen
- Hoge kwaliteit en duurzaamheid gegarandeerd
- Maximale belasting: 2kN/m²
- Modulaire constructie
- Ruime keuze in materialen en ontwerpen
- Tijdbesparend
- Gebruiksvriendelijk
- Maximale hoogte: 3.800 mm
- Weerbestendig
- Scandinavisch ontwerp
- Makkelijk te installeren en te verlengen
- Bruikbare breedte: 900 mm
- Innovatieve oplossing

Onderdelen

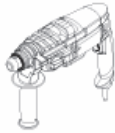
							
STL	STP	MSP	MSL	ML	MP	MKL	MKP
							
							
							
S1	B2	R1B	R1P	RP10	RP21	RP22	E1
							
R2B	R2P	RP24	P3		P4		E2
							
					E3		E4
							
					E5		ER
							
					E5-BL		E5-BP

									
M-EB-01	RO28	ZW-28	WSP	LS	M-EB-02	L6			
							L1		
M-Z-G	WF8	M-EB-05	WSP2	M-EB-04	M-EB-03	OB			
									
									
M5 x 16 M8 x 20 M8 x 50 M10 x 25 M10 x 40 M10 x 70	M12 x 30 M8 x 20 M8 x 50 M10 x 25 M10 x 40 M10 x 70	MS6 x 50	M6 x 40	M6, M8, M10, M12	MK5 MK6	W8, W10, W12	WS8, WS10 WS12	UL5	UL4
									
		WK4,2 x 16	WD4 x 50 WD3,5 x 20						

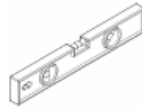
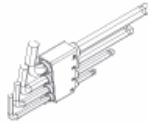
Bevestigingsmaterialen



8, 10, 13, 17, 19 x 2



2, 3, 5, 6

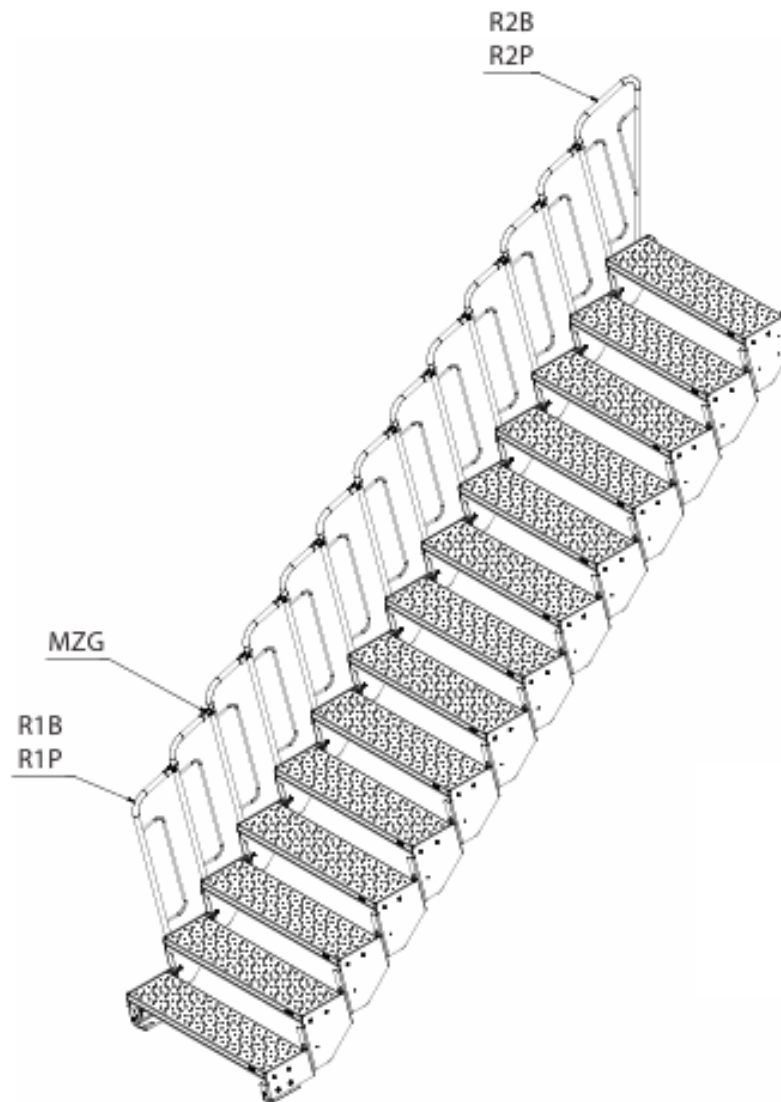


14 mm, 11 mm,
3,5 mm, 2,5 mm

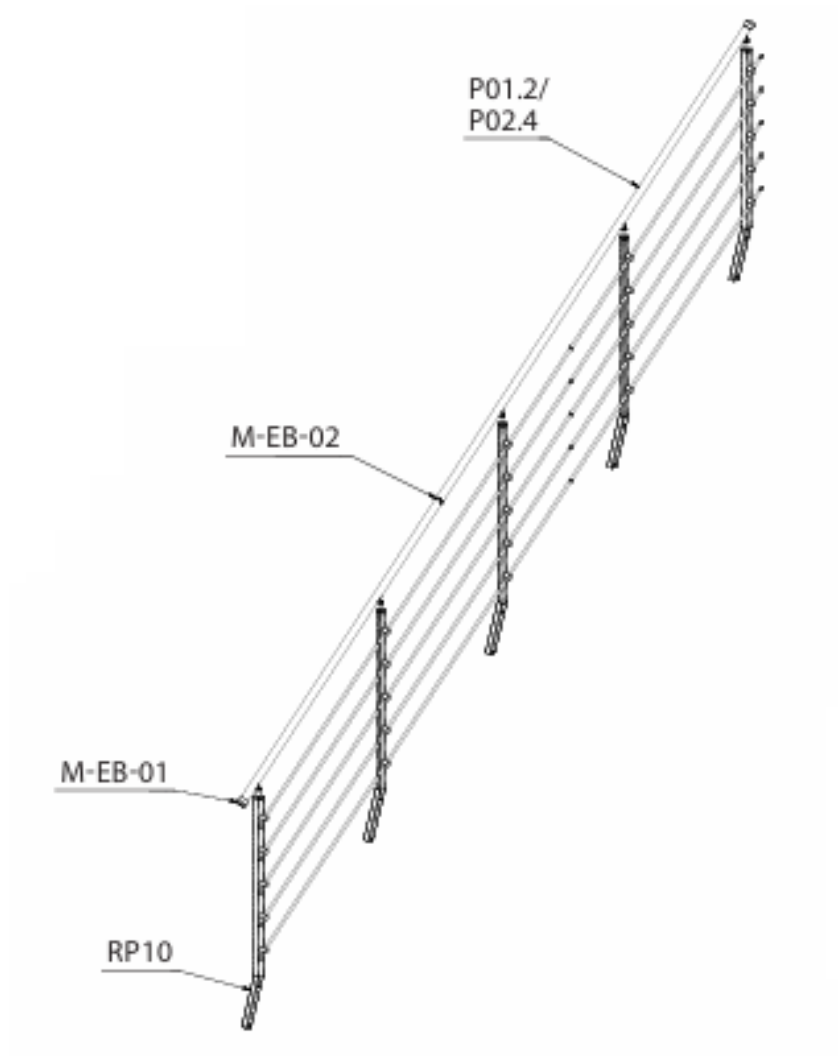


Varianten

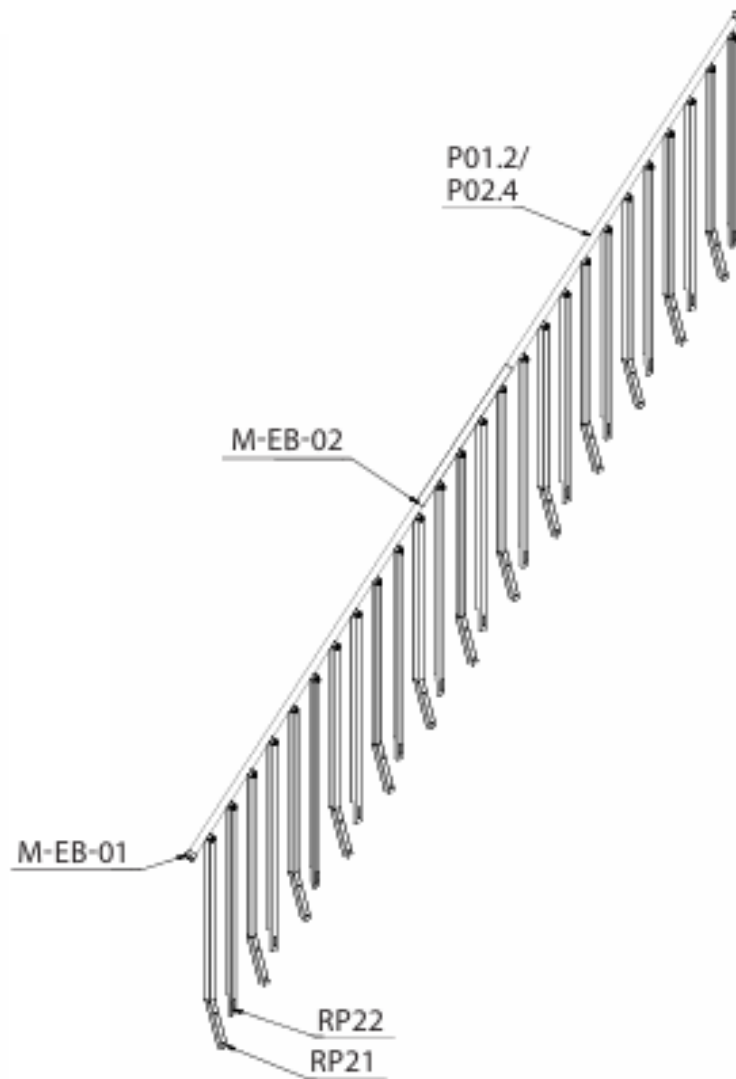
Trappen met modulaire trapleuning.



Trappleuning met FI 12 mm buizen of FI 14 mm lijnen.



Safety trapeleuning.



Draadhoogte

Voorbeeldberekening.

N = Aantal treden

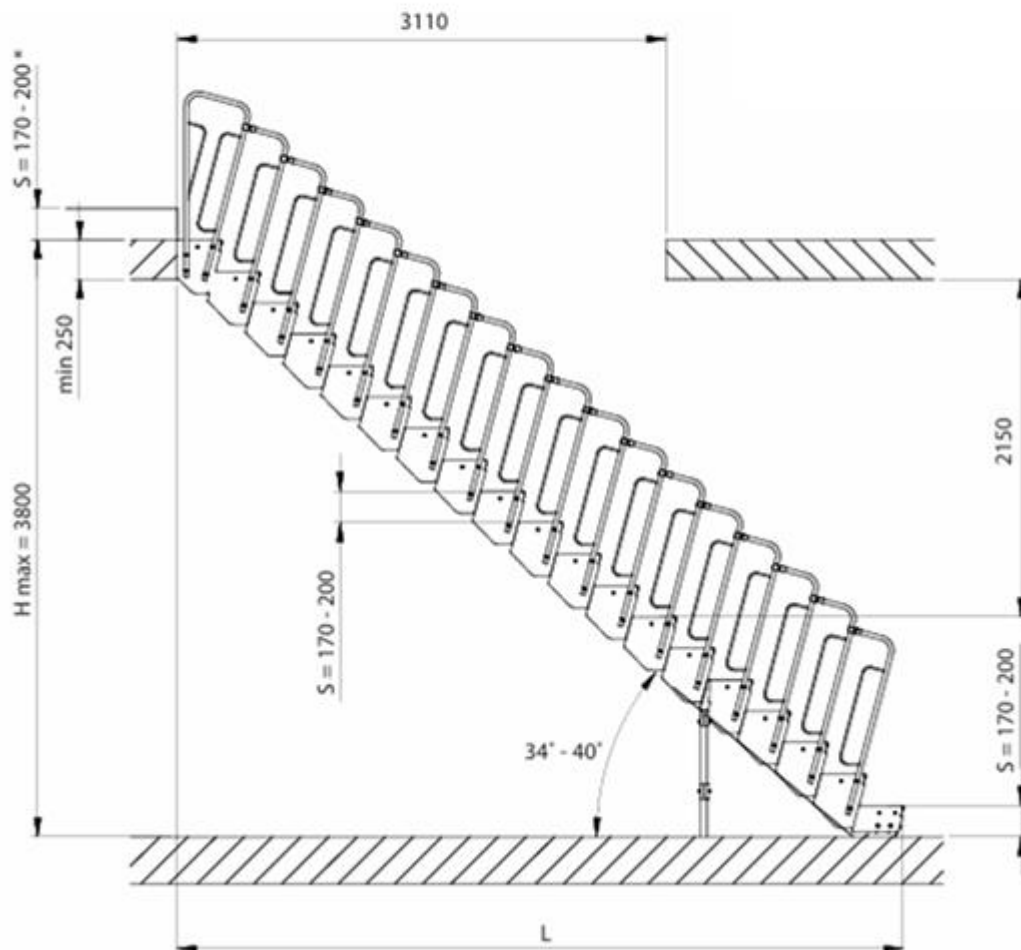
S = Hoogte van de treden

Afmeting S is instelbaar van 170 mm tot 200 mm. Alle afmetingen zijn in mm.

$$H = 1500 \text{ mm}$$

$$N = 8$$

$$S = \frac{1500}{8} \approx 187,5 \text{ mm}$$

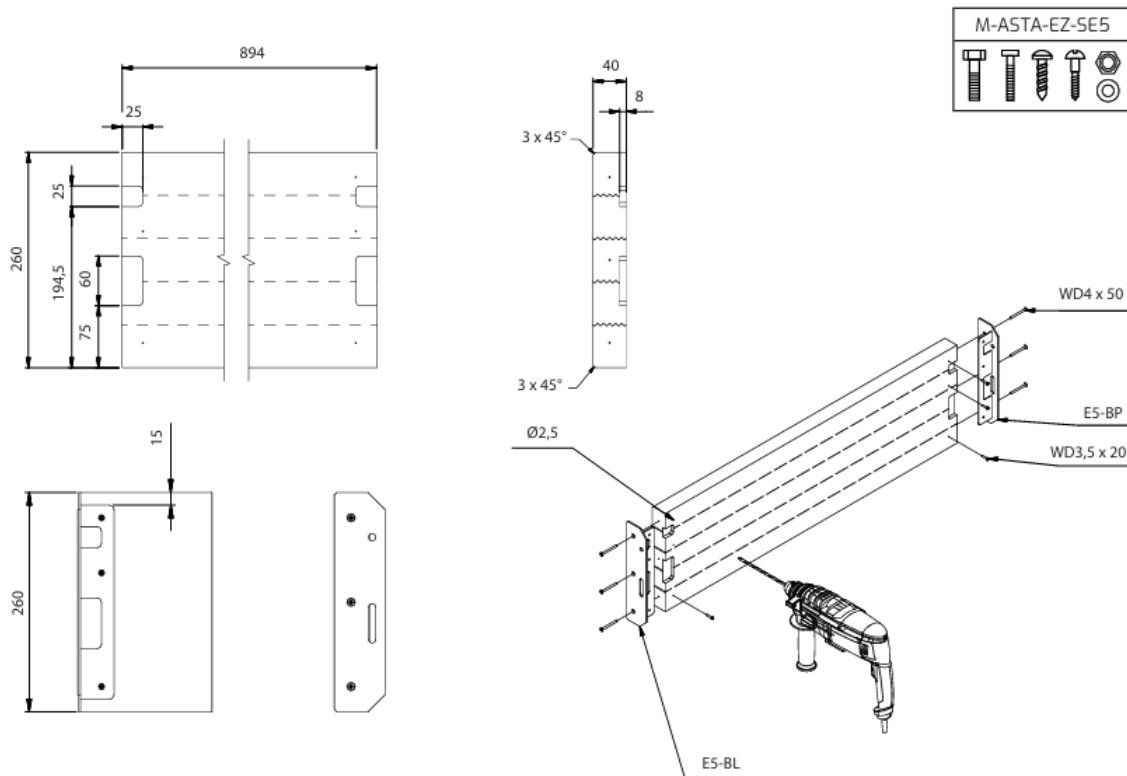


In het bovenstaande voorbeeld worden ASTA-UL4 en ASTA-UL5 beugels gebruikt.

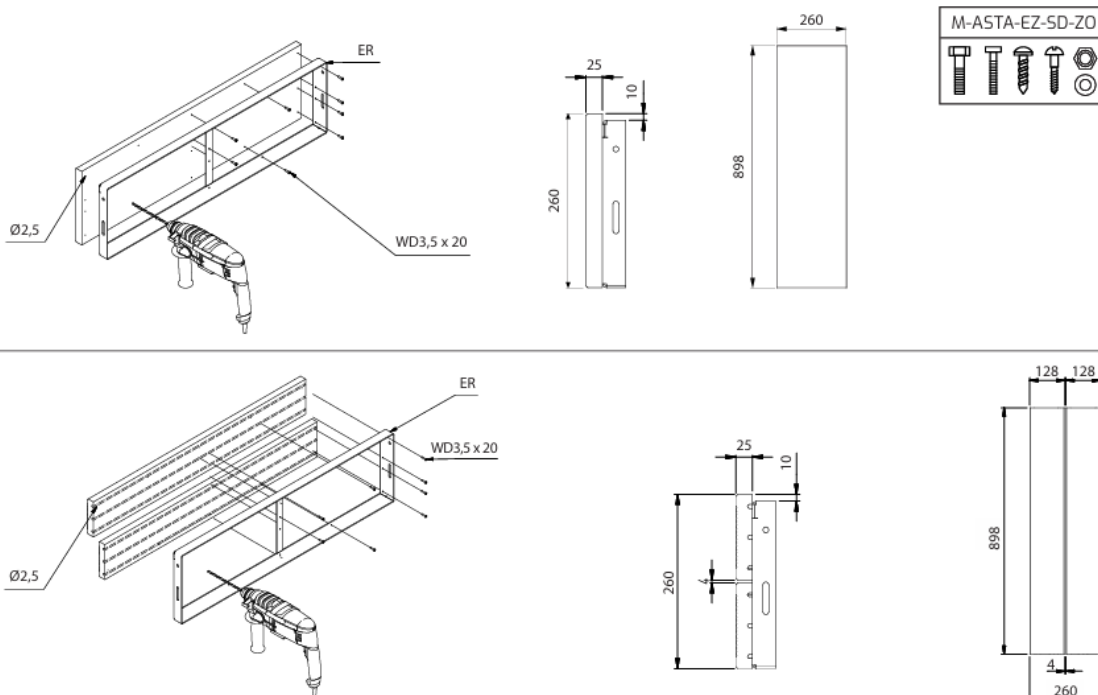
H	L	N
340 – 400	530 – 522	2
510 – 600	779 – 762	3
680 – 800	1.027 – 1.003	4
850 – 1.000	1.276 – 1.244	5
1.020 – 1.200	1.525 – 1.485	6
1.190 – 1.400	1.774 – 1.725	7
1.360 – 1.600	2.022 – 1.966	8
1.530 – 1.800	2.271 – 2.207	9
1.700 – 2.000	2.520 – 2.447	10
1.870 – 2.200	2.769 – 2.688	11
2.040 – 2.400	3.014 – 2.929	12
2.210 – 2.600	3.266 – 3.170	13
2.380 – 2.800	3.515 – 3.410	14
2.550 – 3.000	3.770 – 3.657	15
2.720 – 3.200	4.020 – 3.900	16
2.890 – 3.400	4.270 – 4.140	17
3.060 – 3.600	4.250 – 4.381	18
3.230 – 3.800	4.770 – 4.622	19

Montage

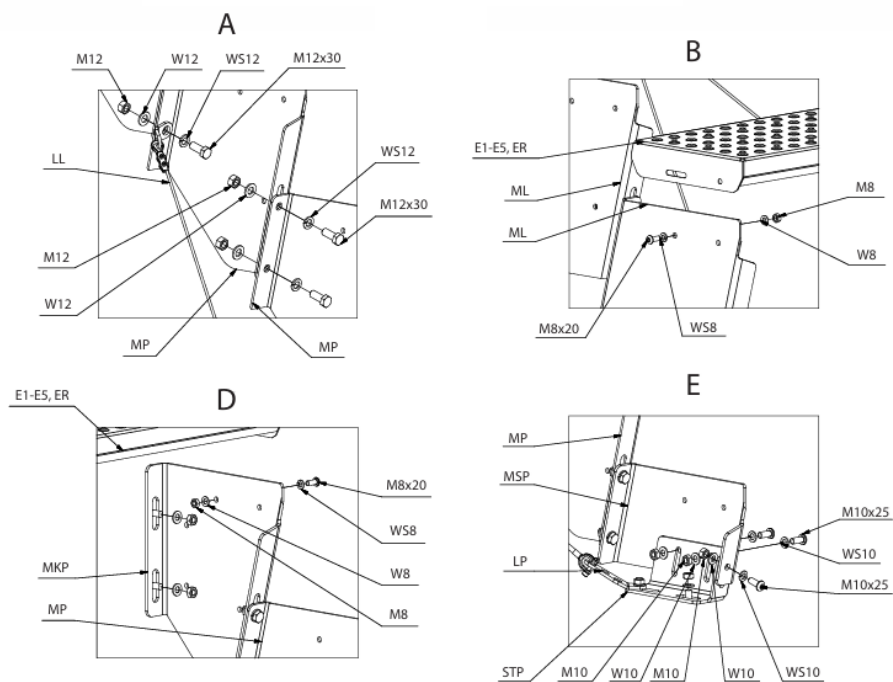
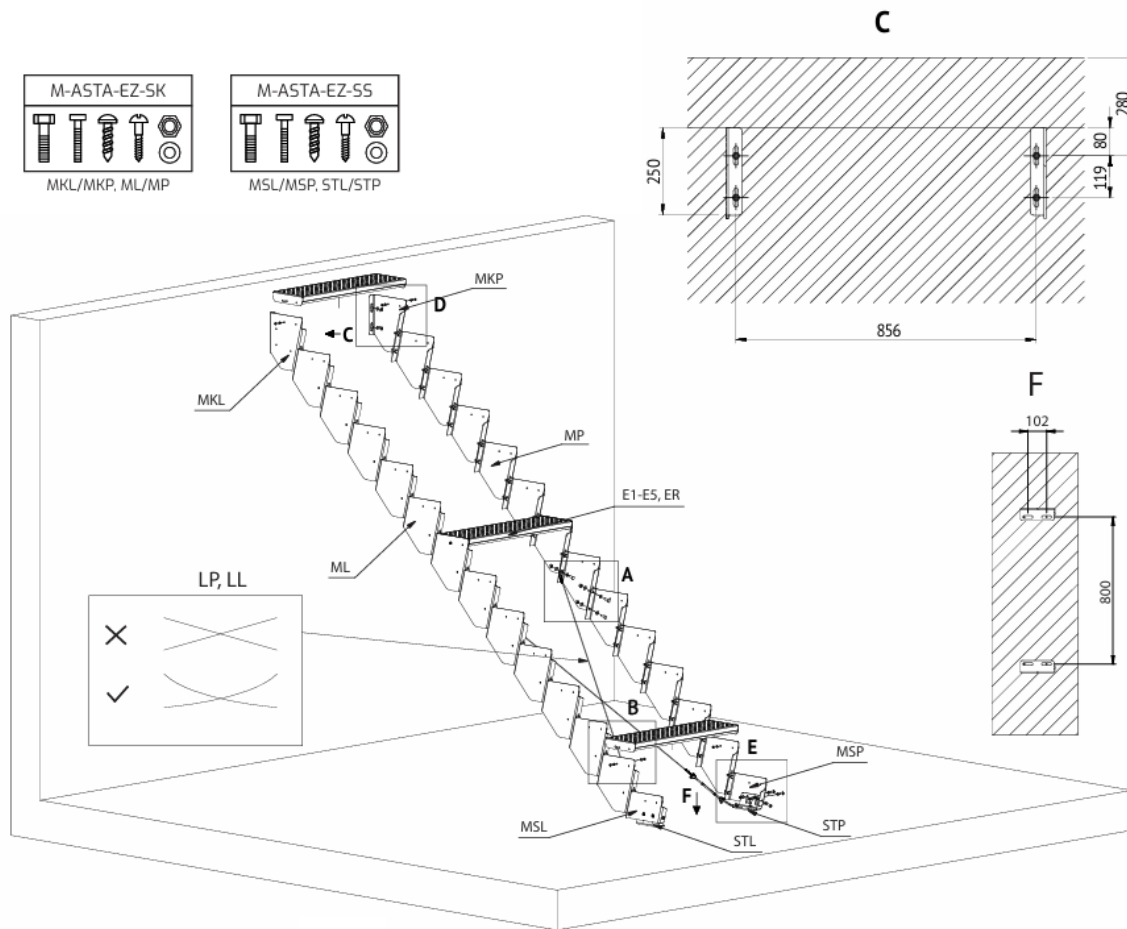
Dragende houten treden (variant E5).



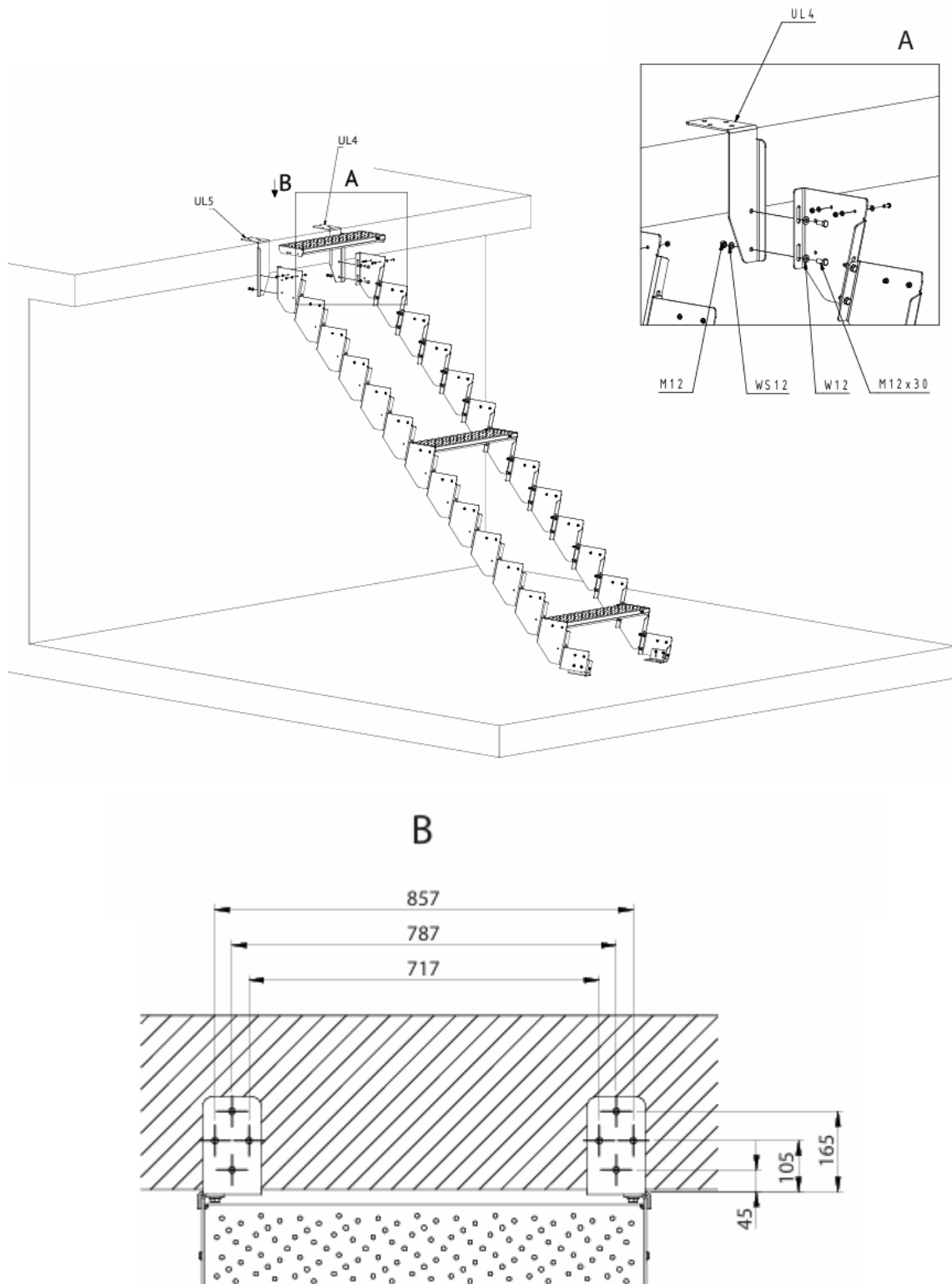
Houten treden gemonteerd op een stalen onderconstructie (variant E2, E3, ER).



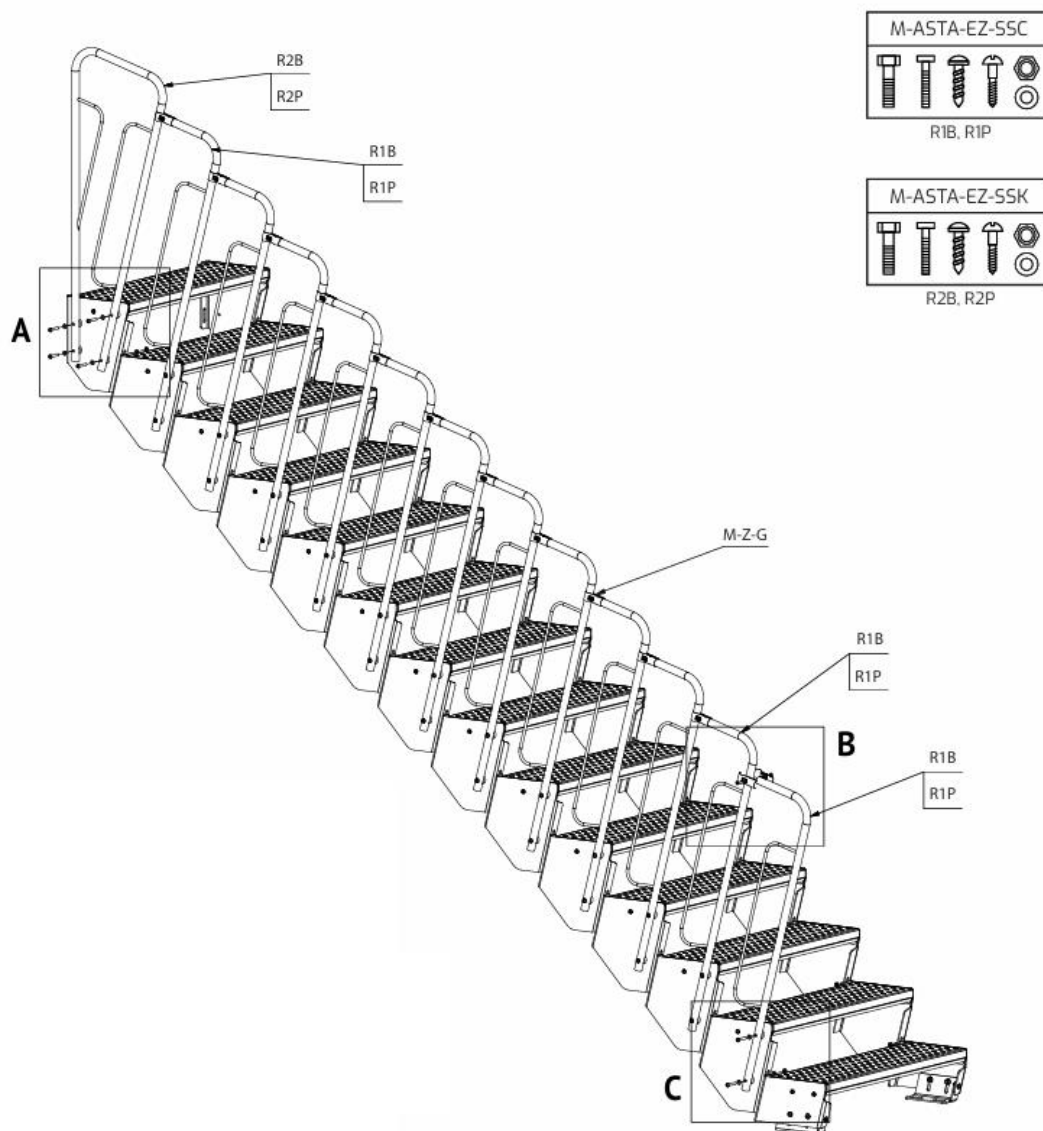
Montage van de trap.



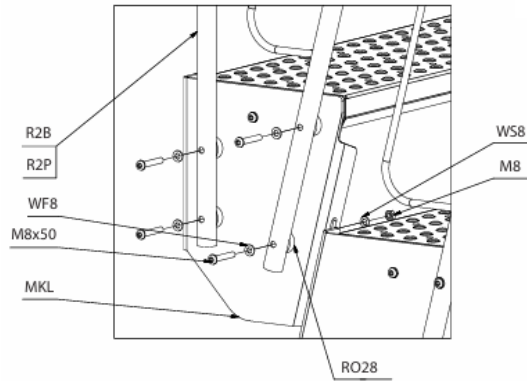
Optionele trapmontage met gebruik van UL4 / UL5 beugels.



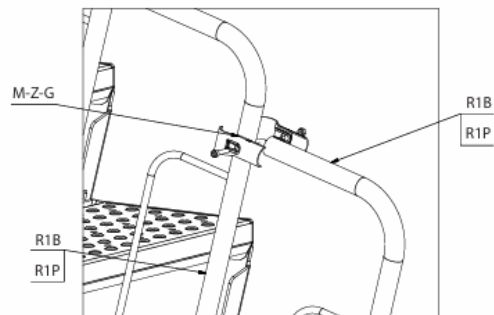
Trapleuning zonder vulling.



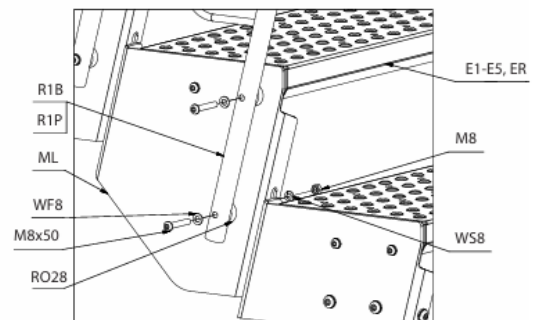
A



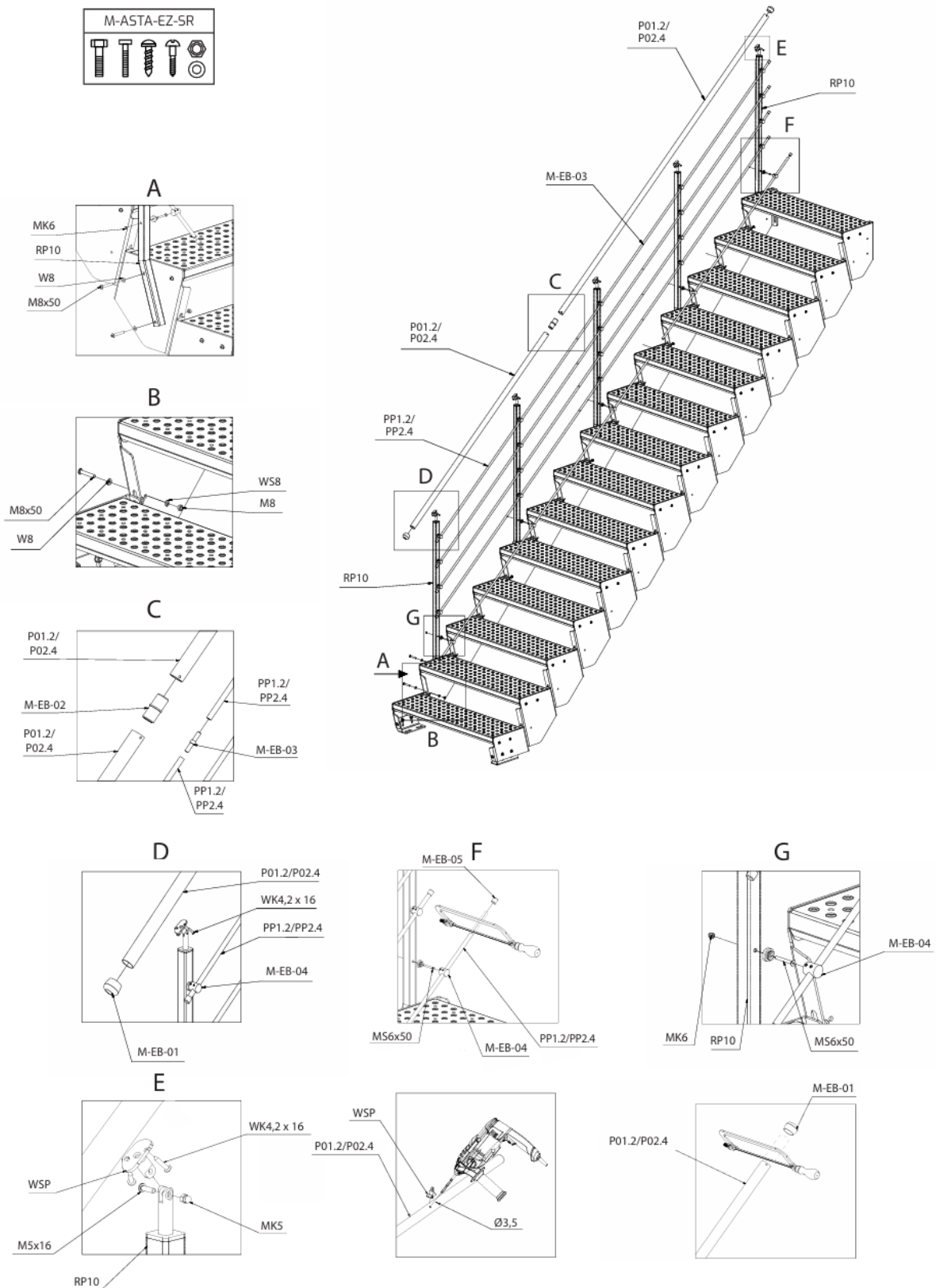
B



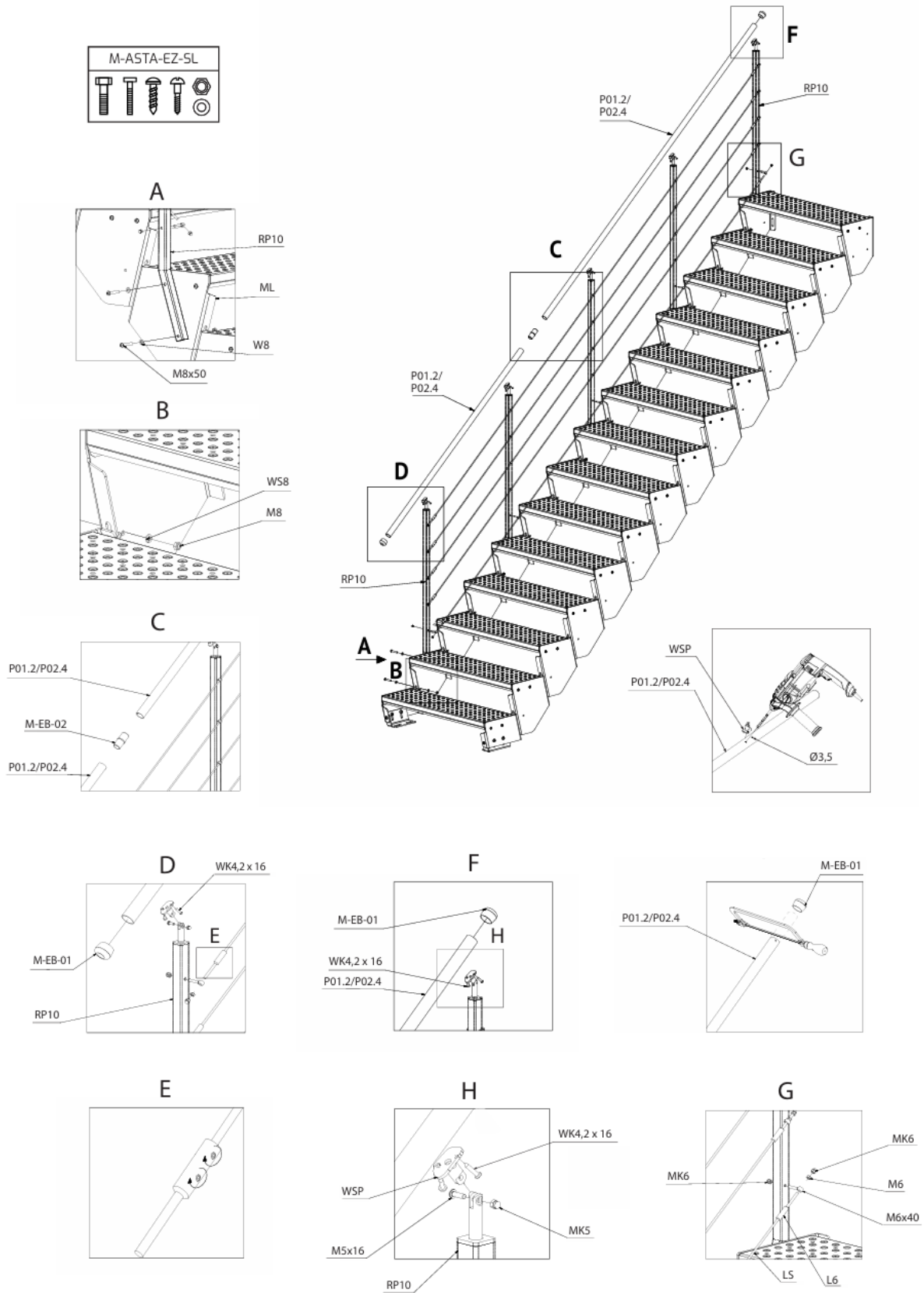
C



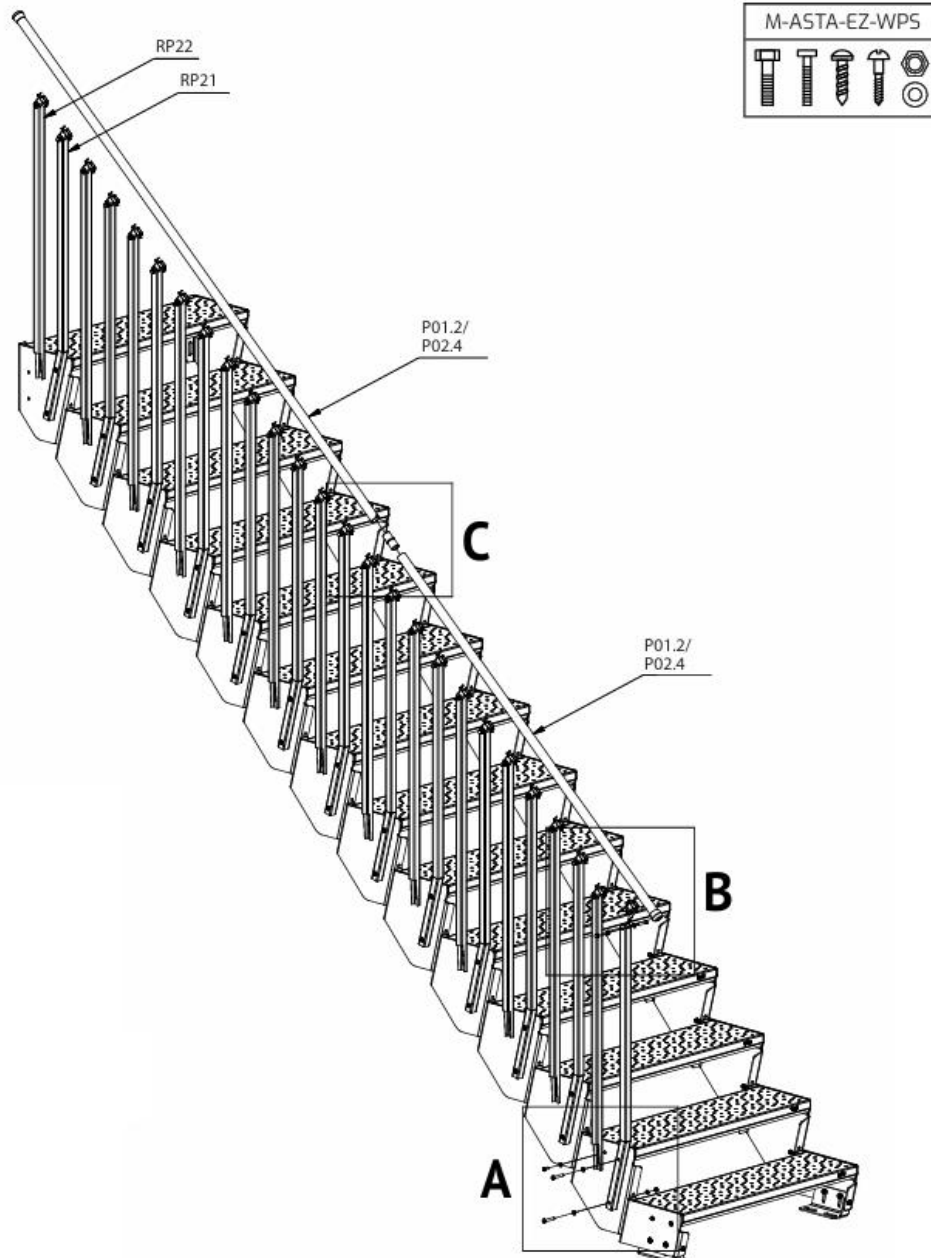
Trapleuning met FI 12 mm buizen.

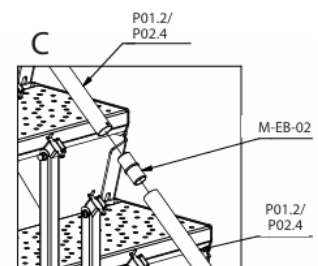
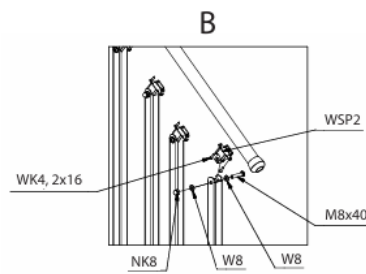
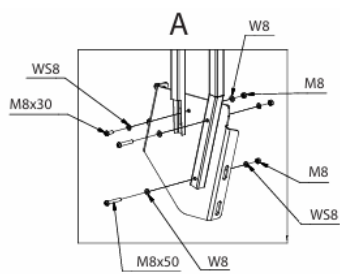
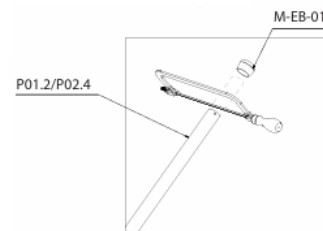
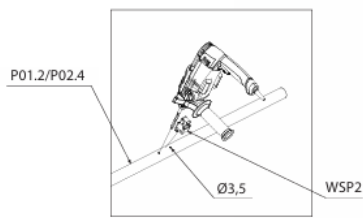


Trapleuning met FI mm lijnen.

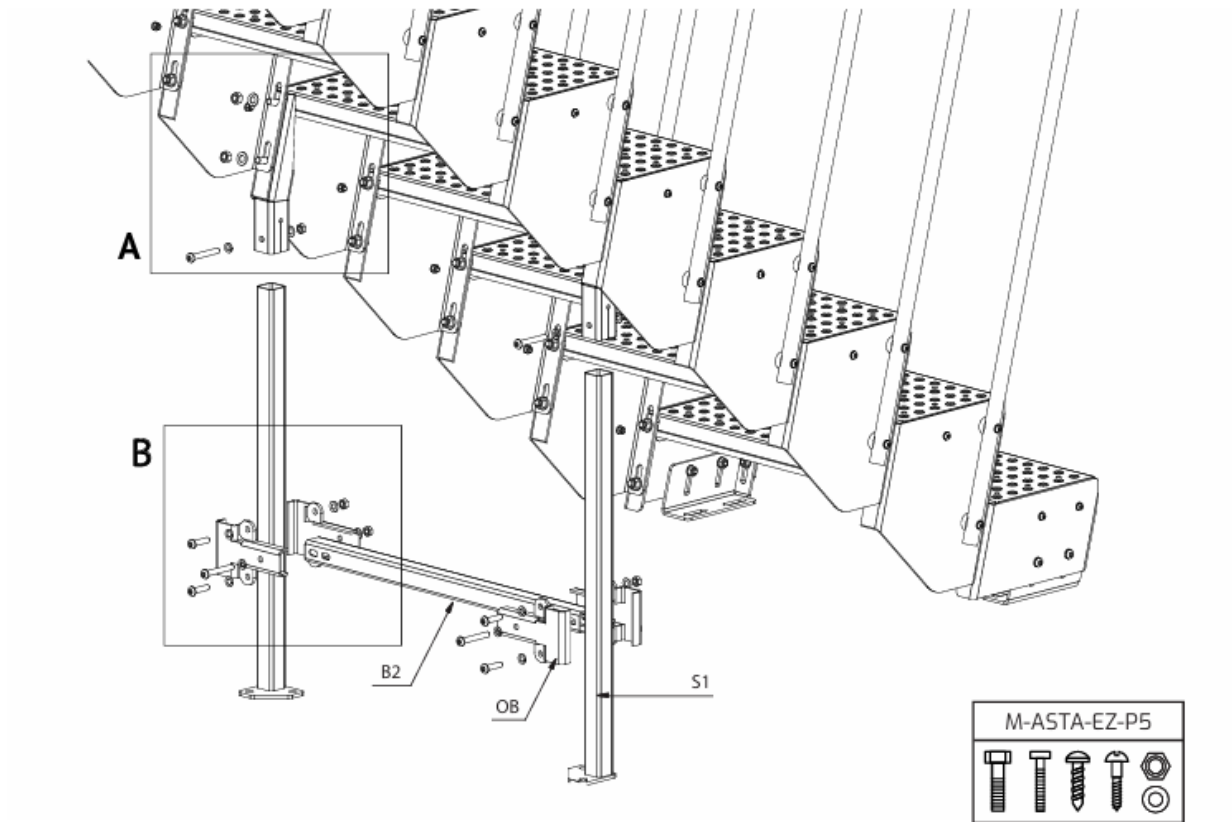


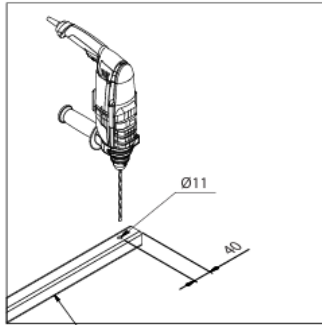
Safety leuning.



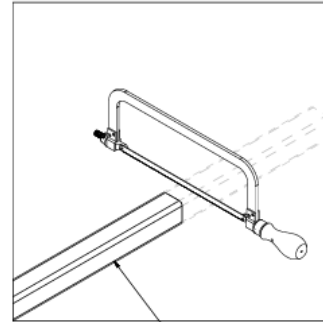
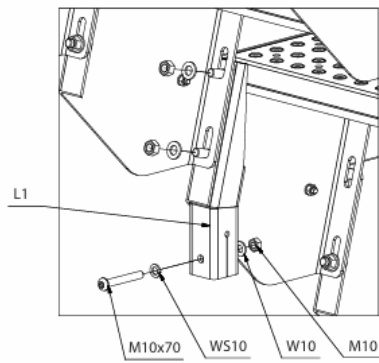


Steunconstructie (voor een trap met meer dan 14 treden).

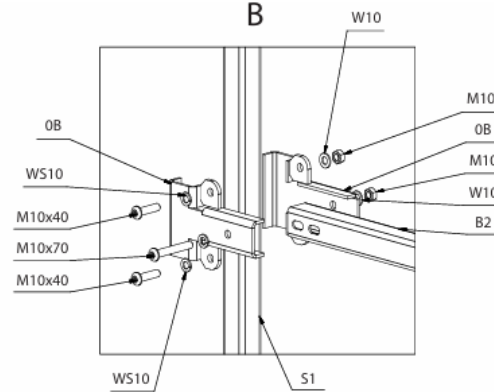




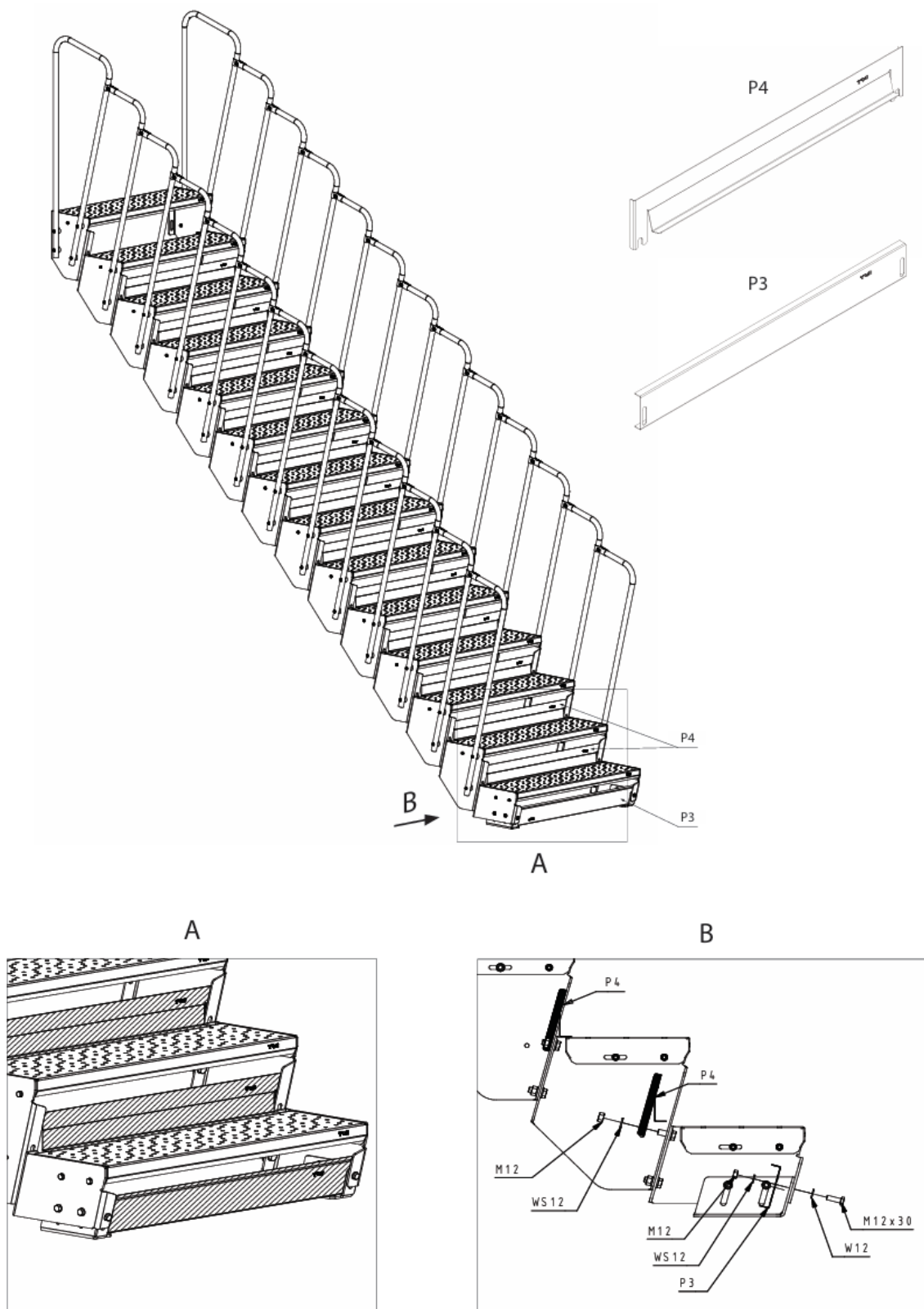
A



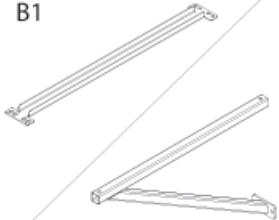
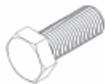
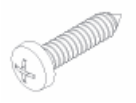
B



Montage van de kantplank.



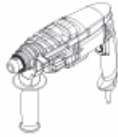
Onderdelen

									
M-Z-G-A	WSP	LS	L4	XL1, XL2	P5 / P7		B1		
									
M-Z-G	WSP2	M-EB-04	SG	L6	P6 / P8		WP		
									
M5 x 16 M8 x 20 M8 x 25 M8 x 30 M8 x 40 M8 x 50 M10 x 25 M10 x 40 M10 x 70 M12 x 30	M8 x 20 M8 x 25 M8 x 30 M8 x 40 M8 x 50 M10 x 30 M10 x 60 M10 x 70 M12 x 30	MS6 x 50	M6 x 40	M6, M8, M10, M12	MK5 MK6	W8, W10, W12	WS8, WS10 WS12	WF8	WP8
									
WK4,2 x 16	WD4 x 50 WD3,5 x 20	ZW-28	M-EB-01	RO28	ZW-40	M-EB-05			

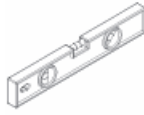
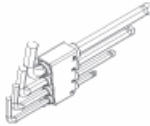
Bevestigingsmaterialen



8, 10, 13, 17, 19 x 2



2, 3, 5, 6

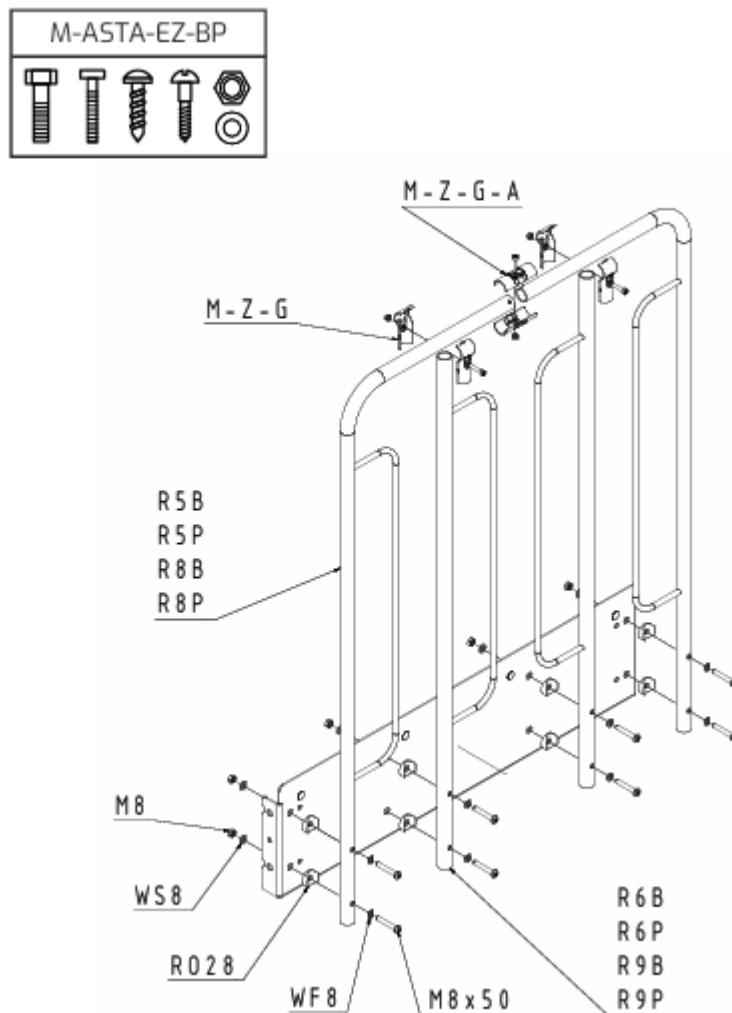


14 mm, 11 mm,
3,5 mm, 2,5 mm

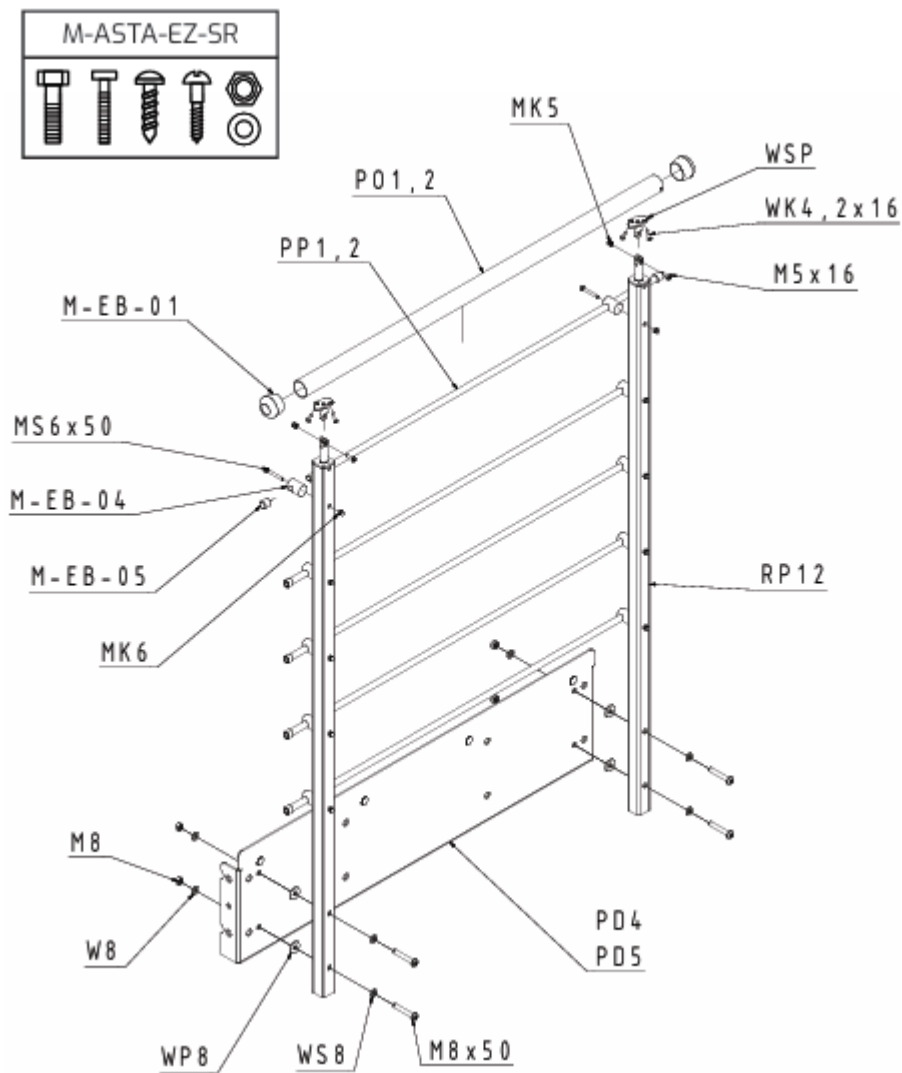


Varianten

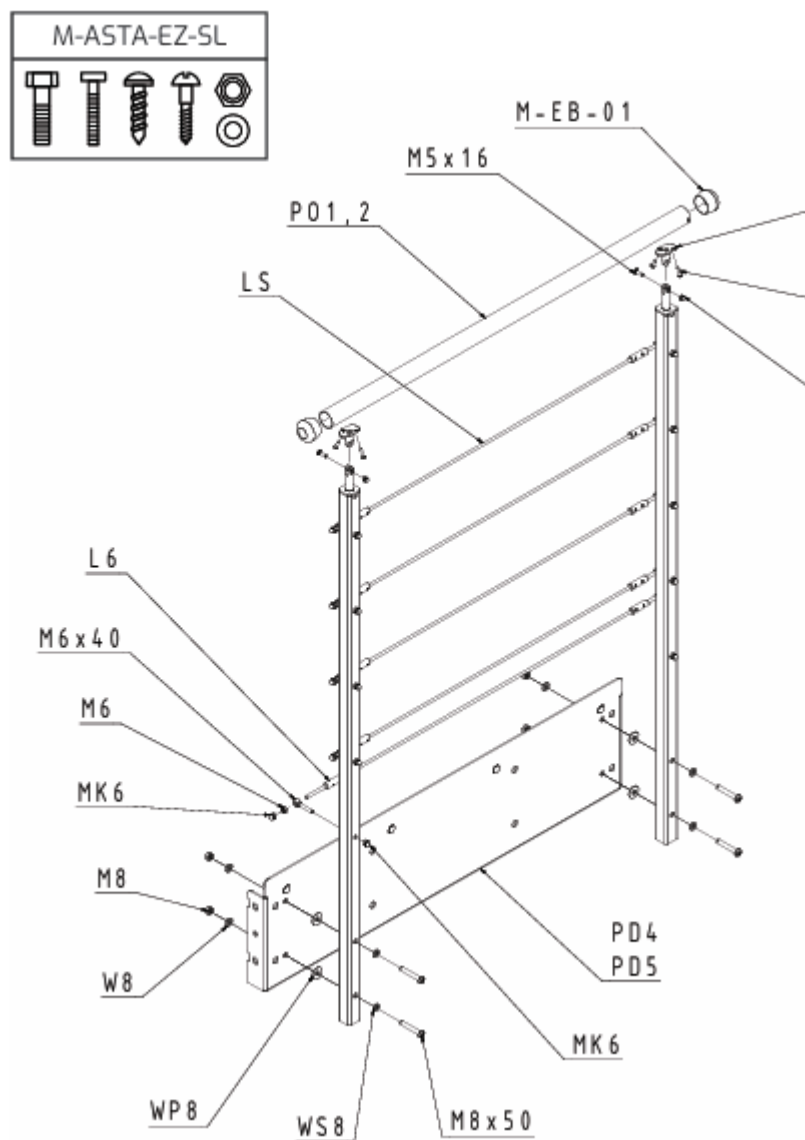
Leuning met modulaire balustrades.



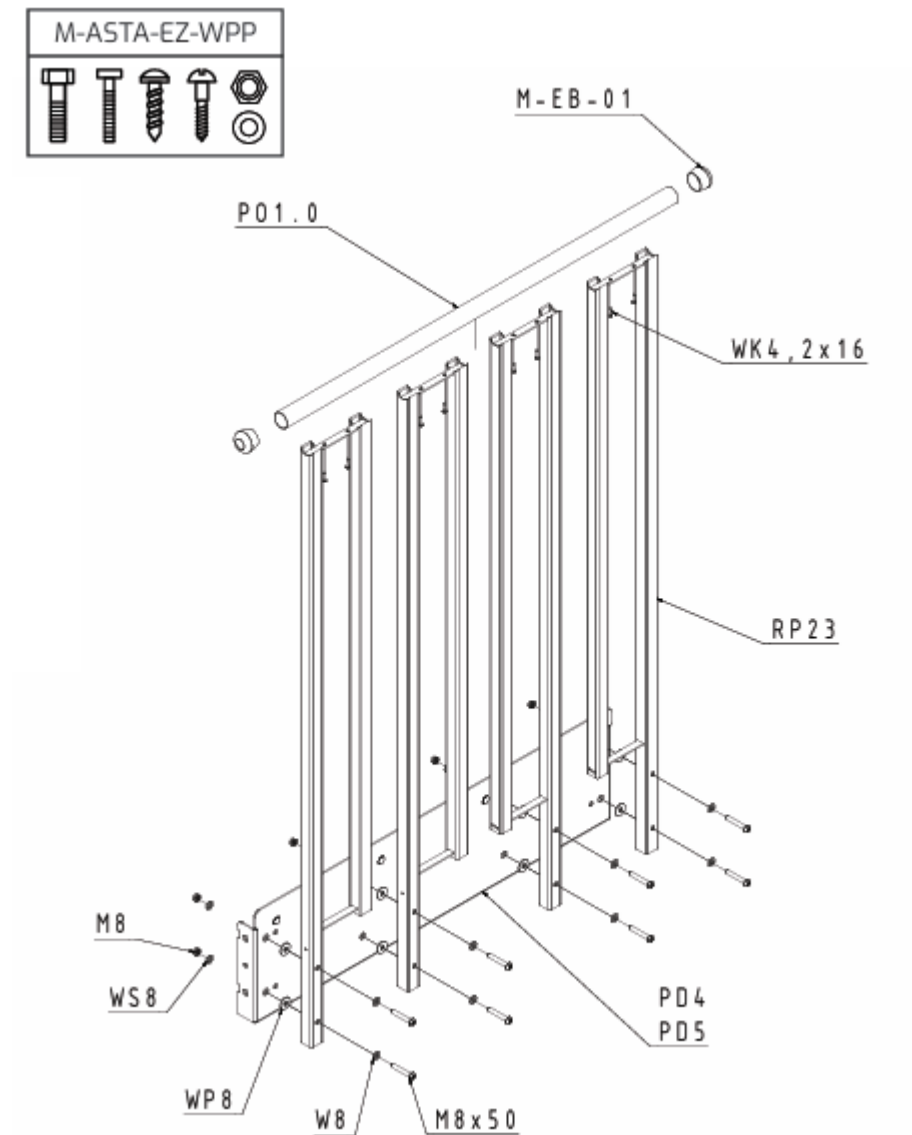
Leuning met FI 12 mm buizen.



Leuning met FI 4 mm lijnen.



Safety leuning.



Draadhoogte

Voorbeeldberekening.

N = Aantal treden

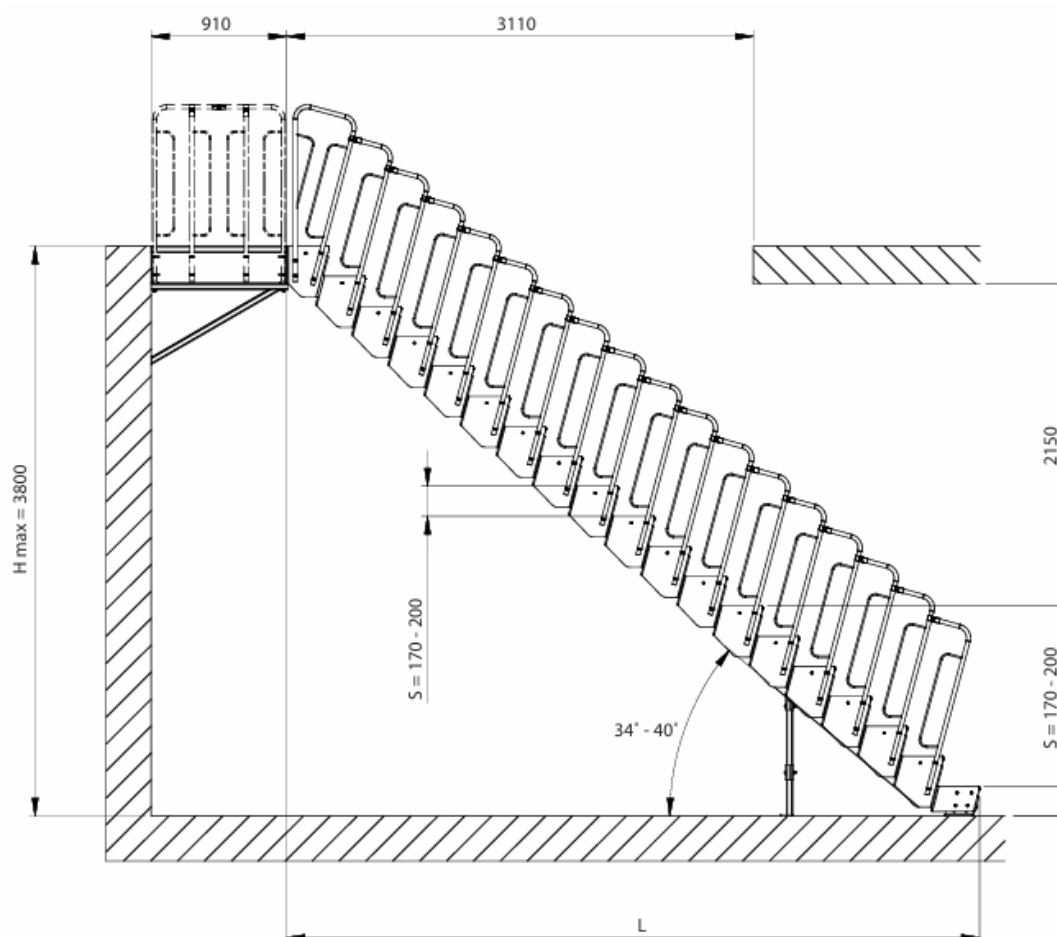
S = Hoogte van de treden

Afmeting S is instelbaar van 170 mm tot 200 mm. Alle afmetingen zijn in mm.

$$H = 1500 \text{ mm}$$

$$N = 8$$

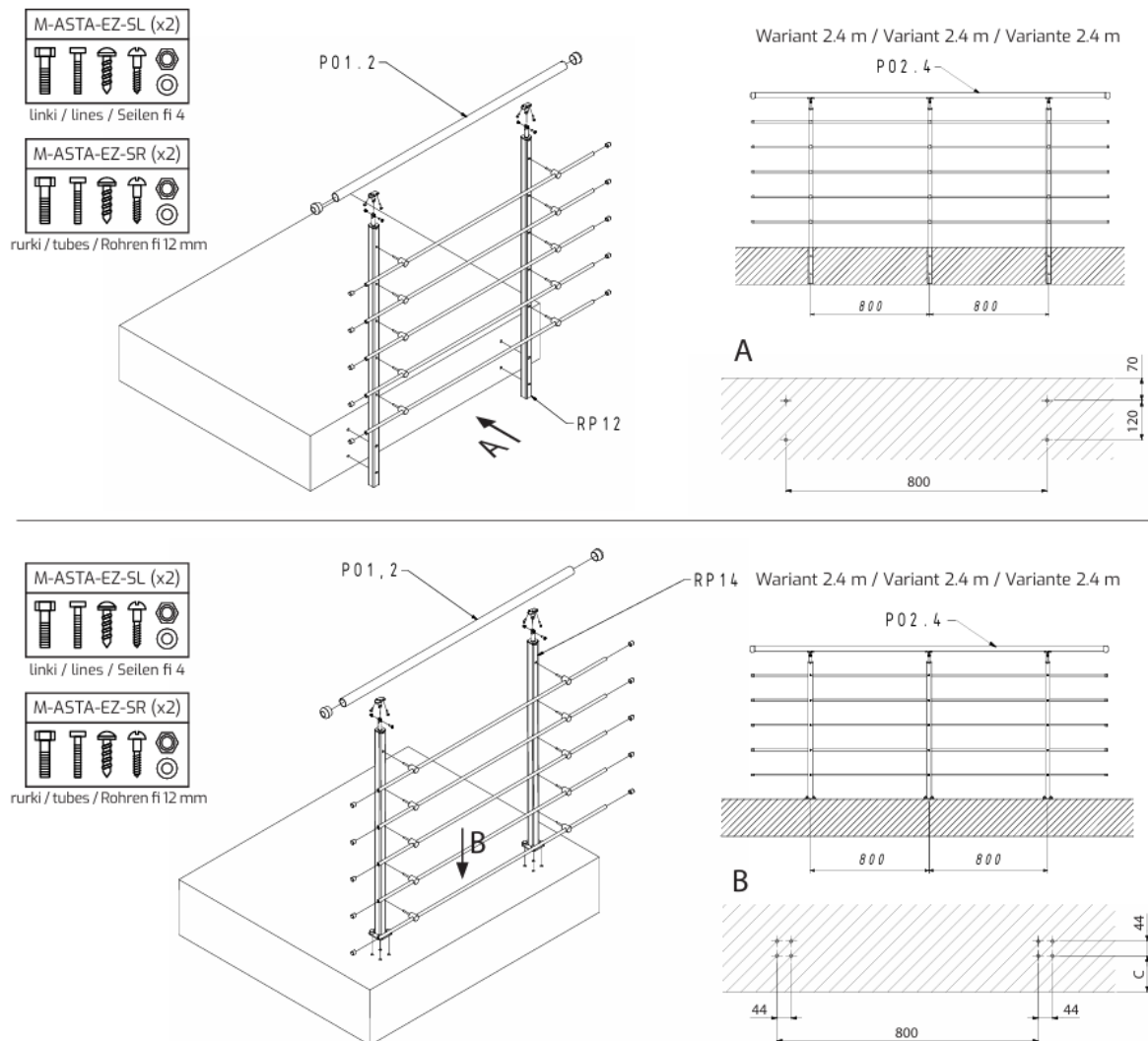
$$S = \frac{1500}{8} \approx 187,5 \text{ mm}$$



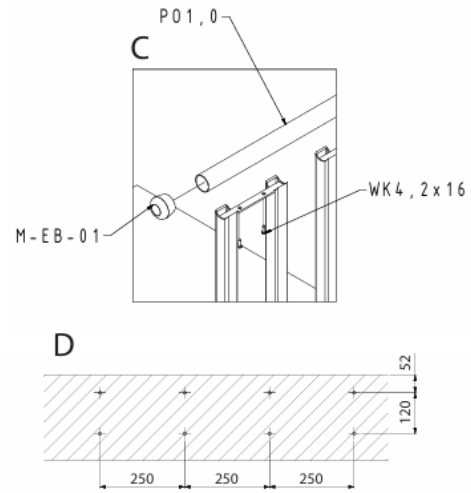
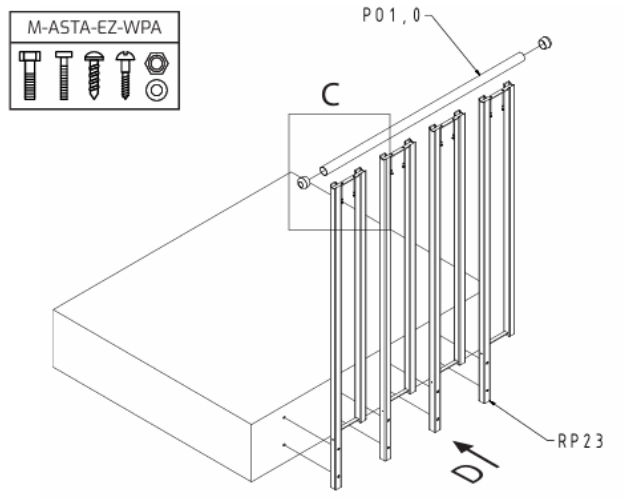
H	L	N
340 – 400	530 – 522	2
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2.890 – 3.400	4.270 – 4.140	17
3.060 – 3.600	4.250 – 4.381	18
3.230 – 3.800	4.770 – 4.622	19

Montage

Montage van de balkonbalustrade.

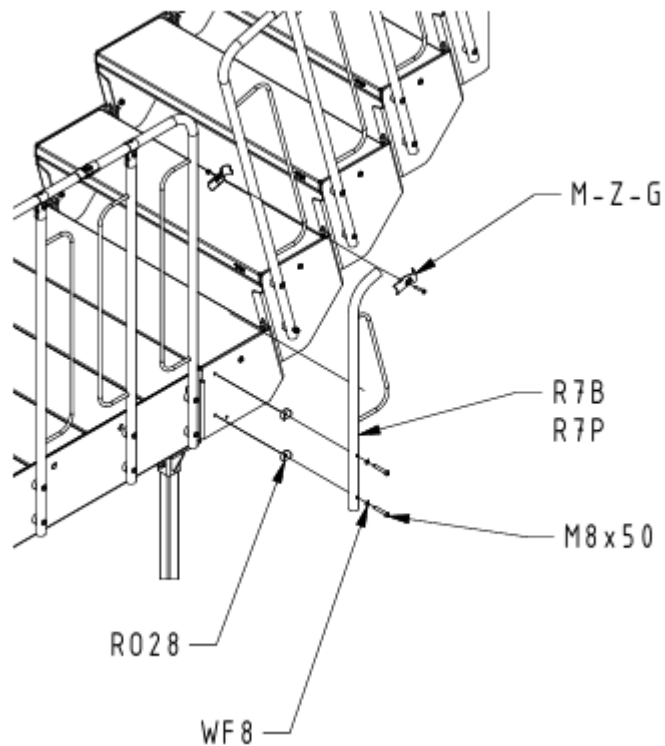


C – min. afstand voor verankering.

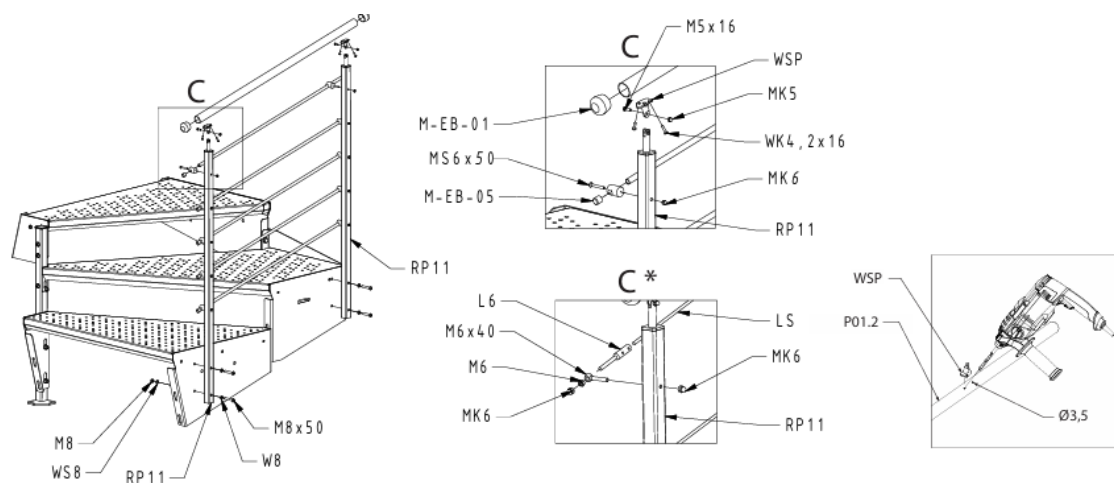


Montage van de leuning.

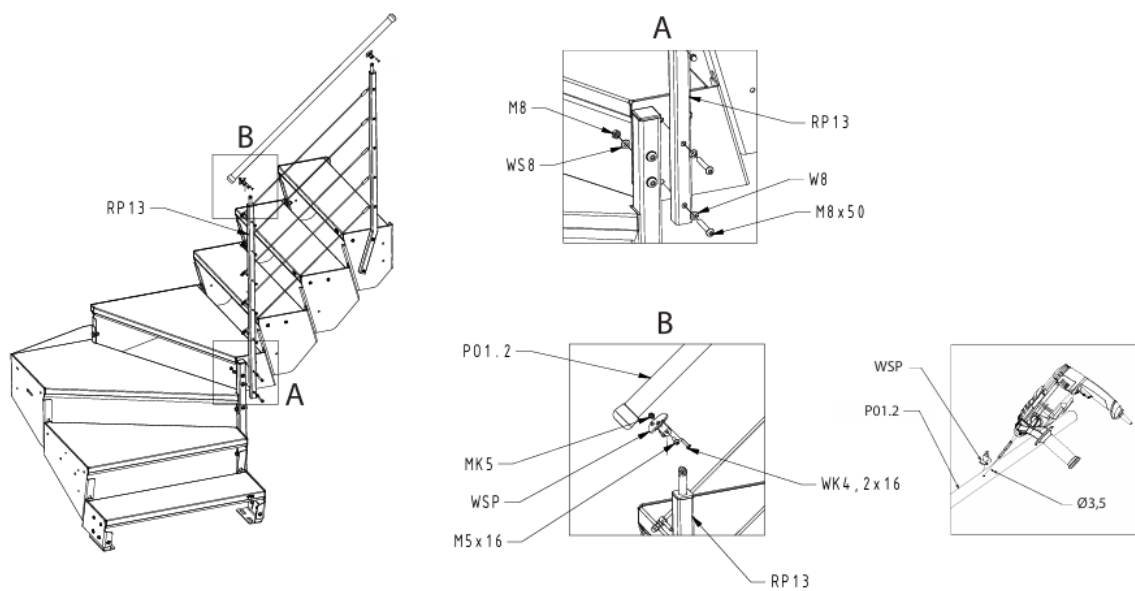
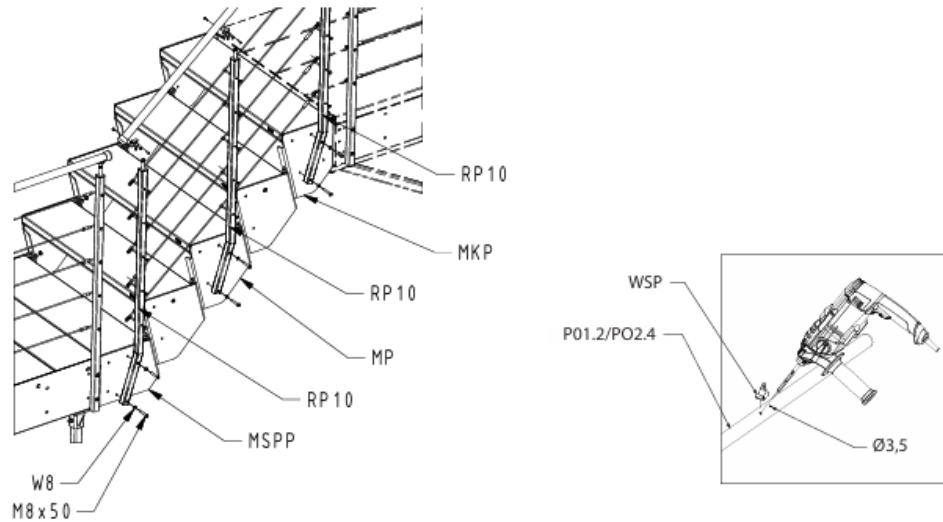
Leuning met modulaire balustrades.



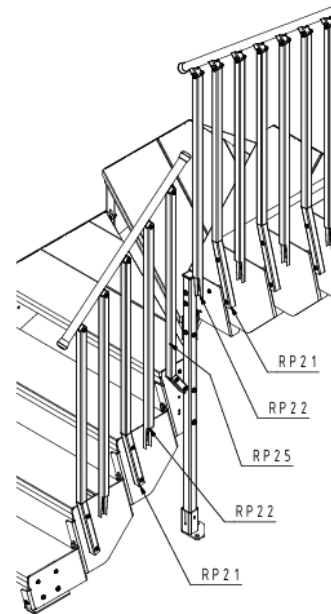
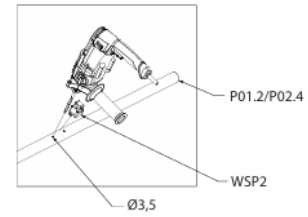
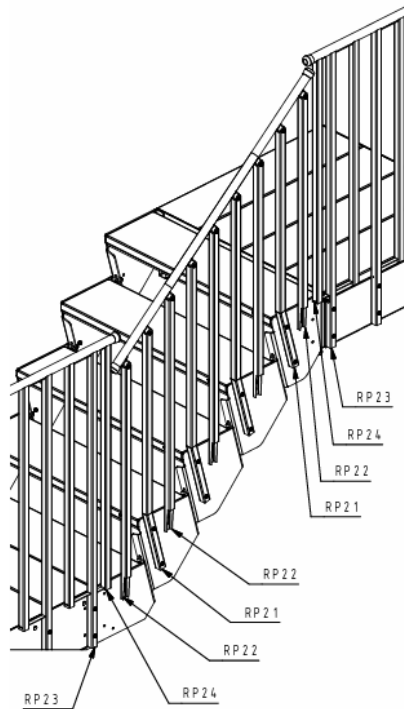
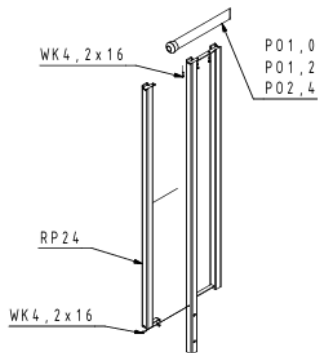
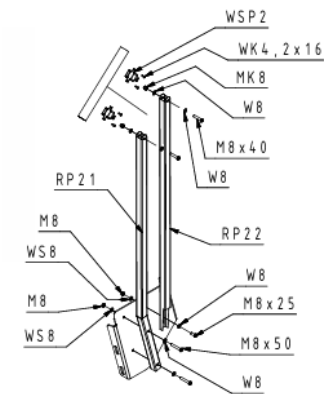
Leuning met FI 12 mm buizen (C) & leuning met FI 4 mm lijnen (C*).



Leuning met FI 4 mm lijnen.

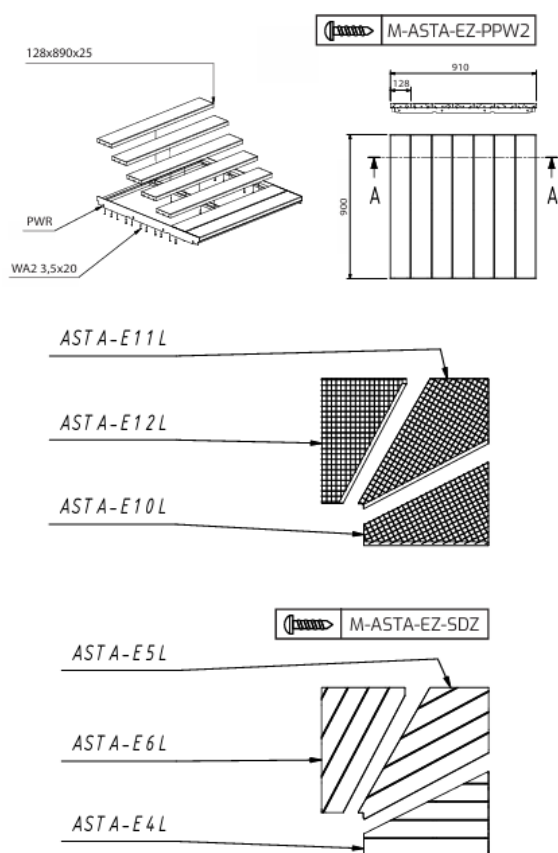


Safety leuning.

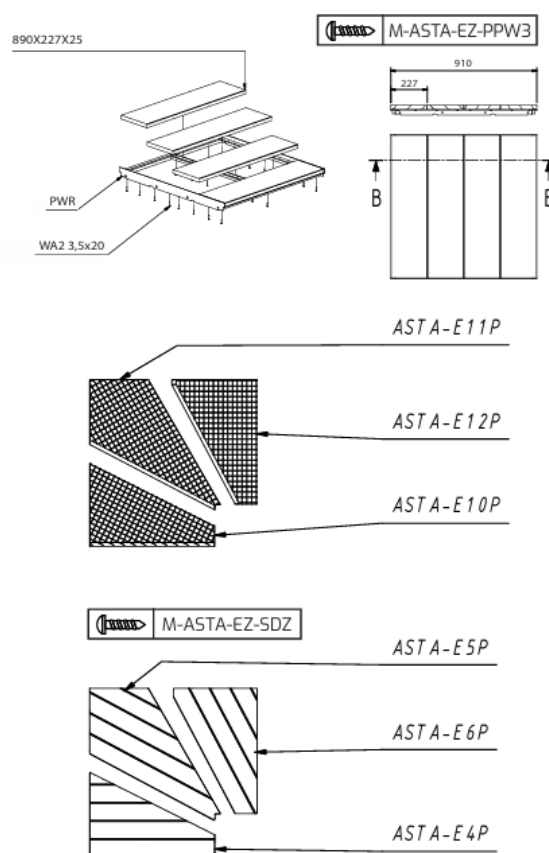


Montage van de treden.

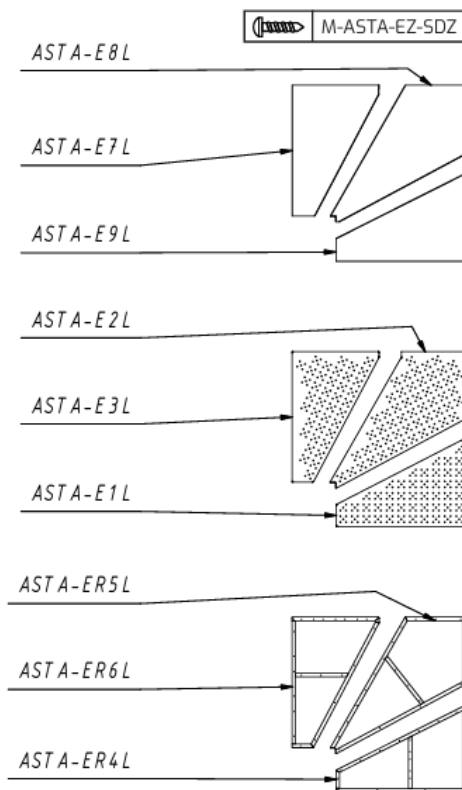
Antislip treden voor buiten.



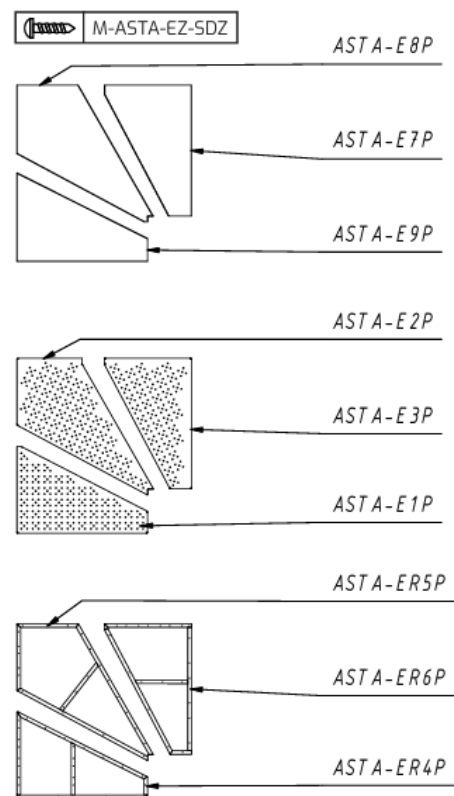
Gelamineerd hout voor binnen.



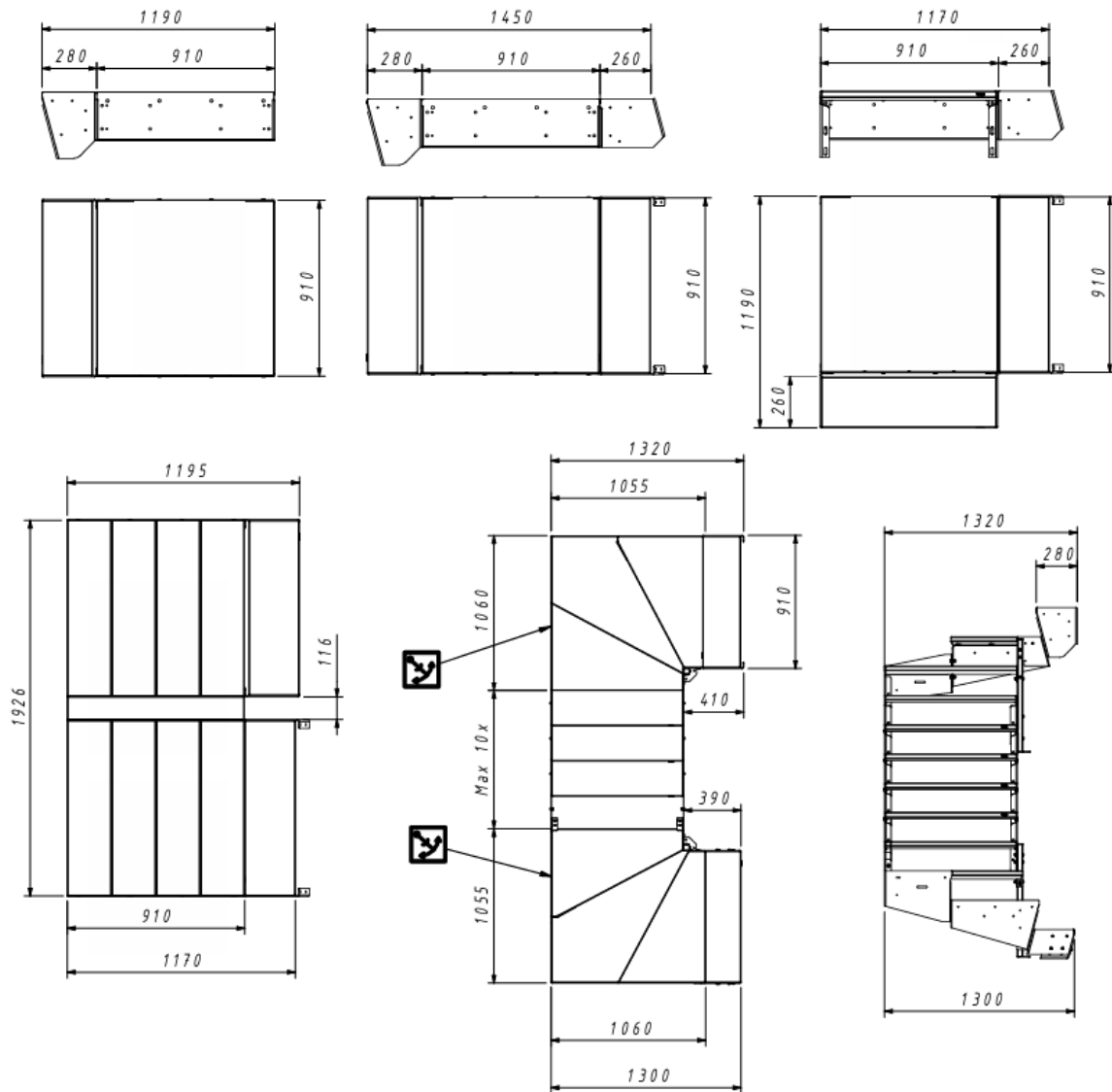
Antislip treden voor buiten.



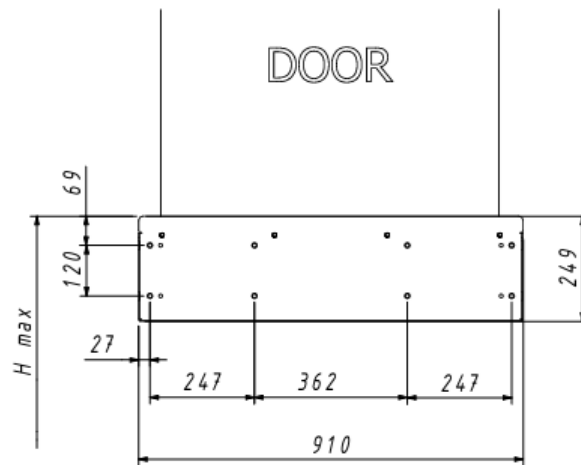
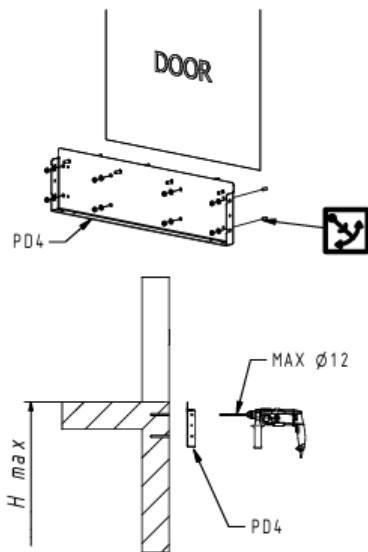
Gelamineerd hout voor binnen.



Afmetingen van het Asta systeem.

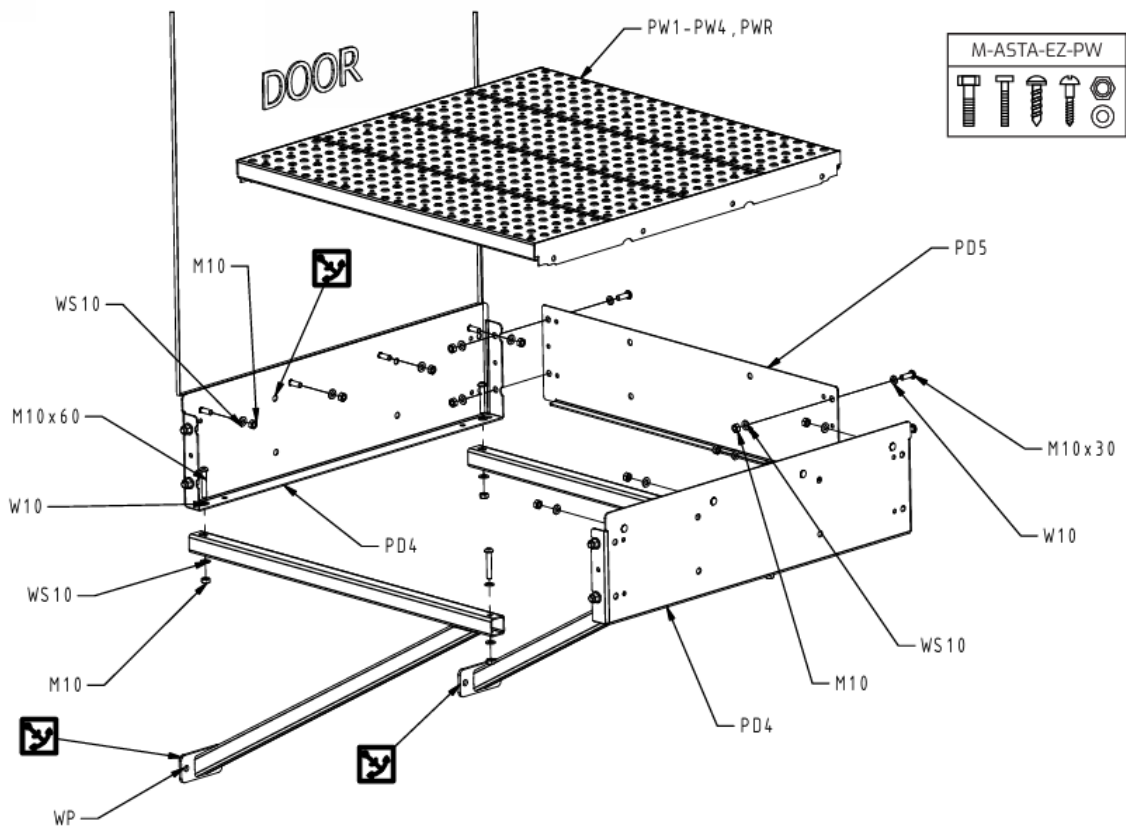


Bordes verankering.

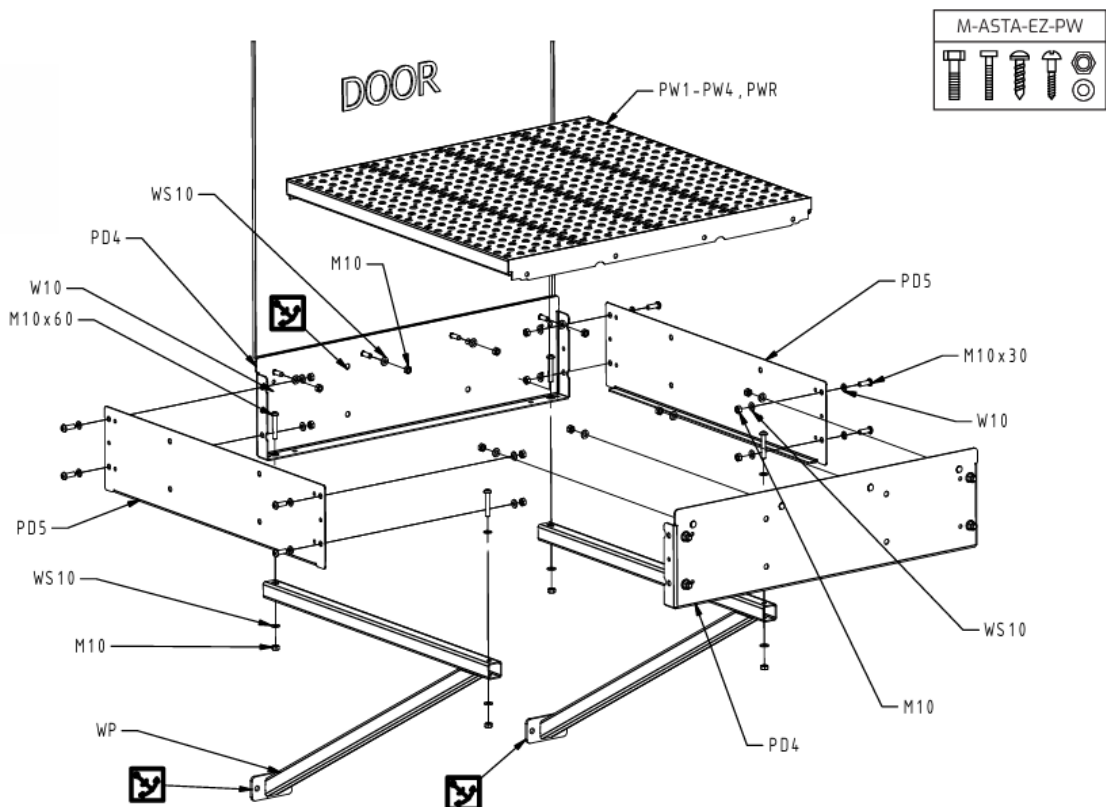


Ankerpunt.

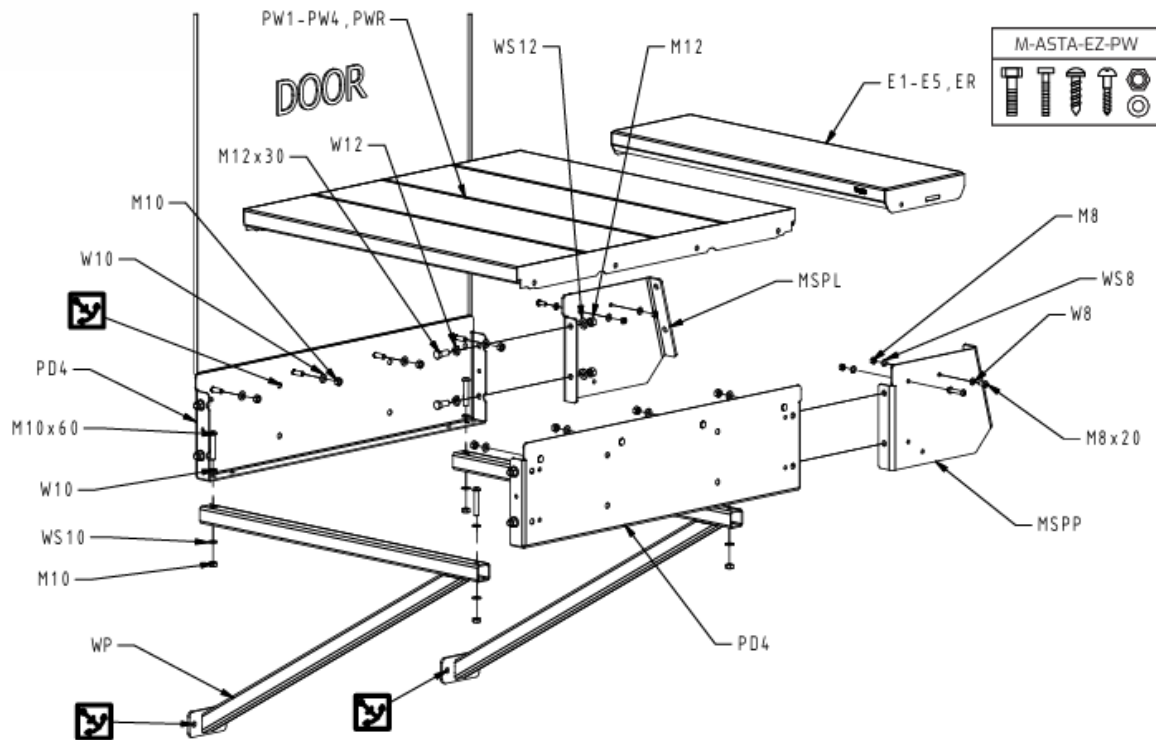
Variant 1.



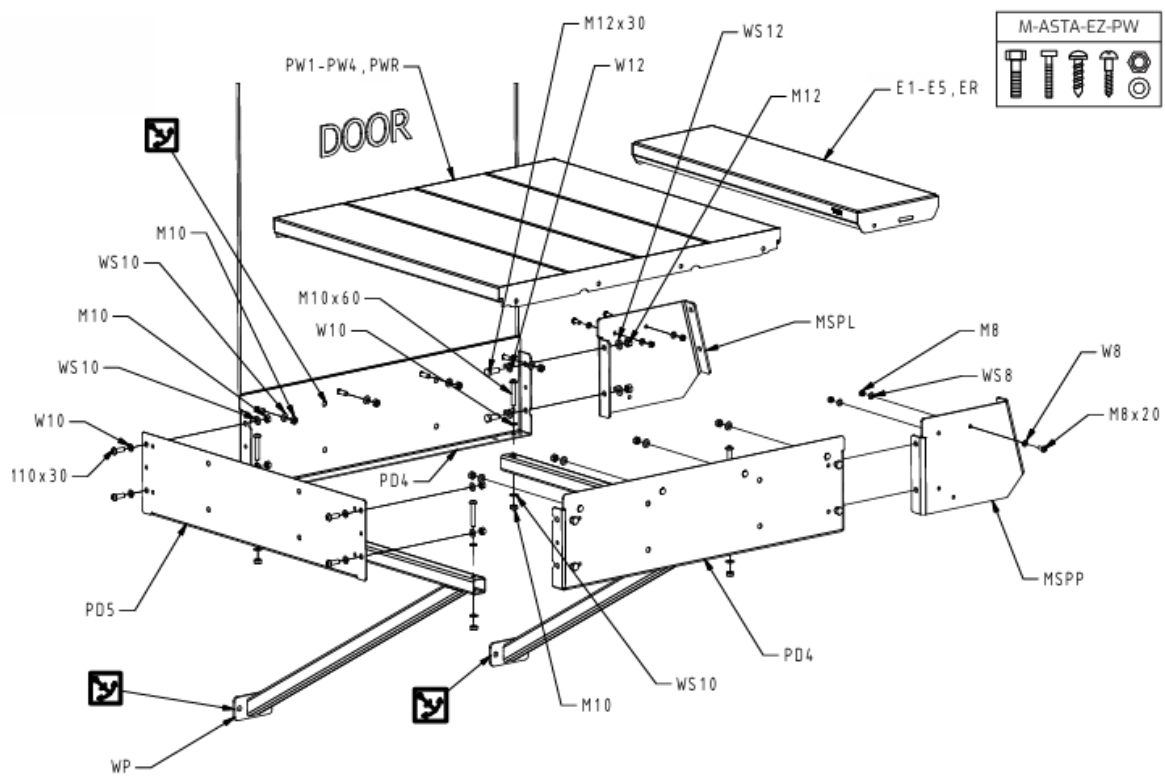
Variant 2.



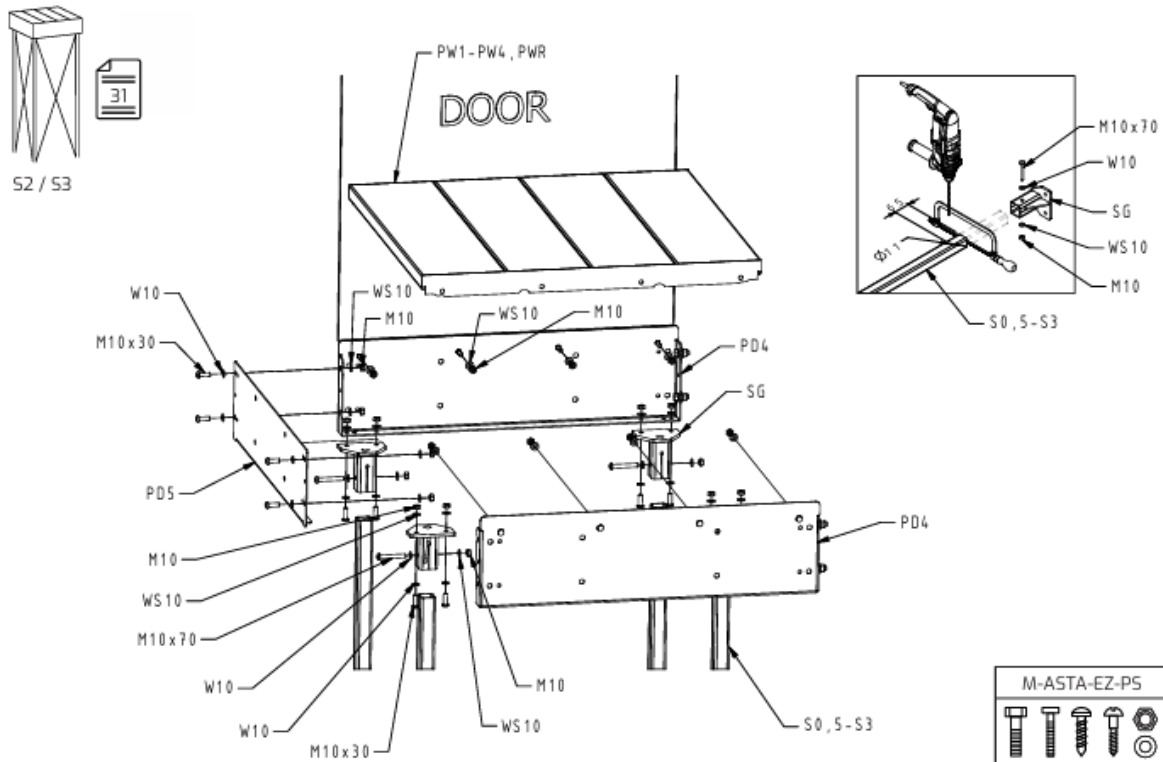
Variant 3.



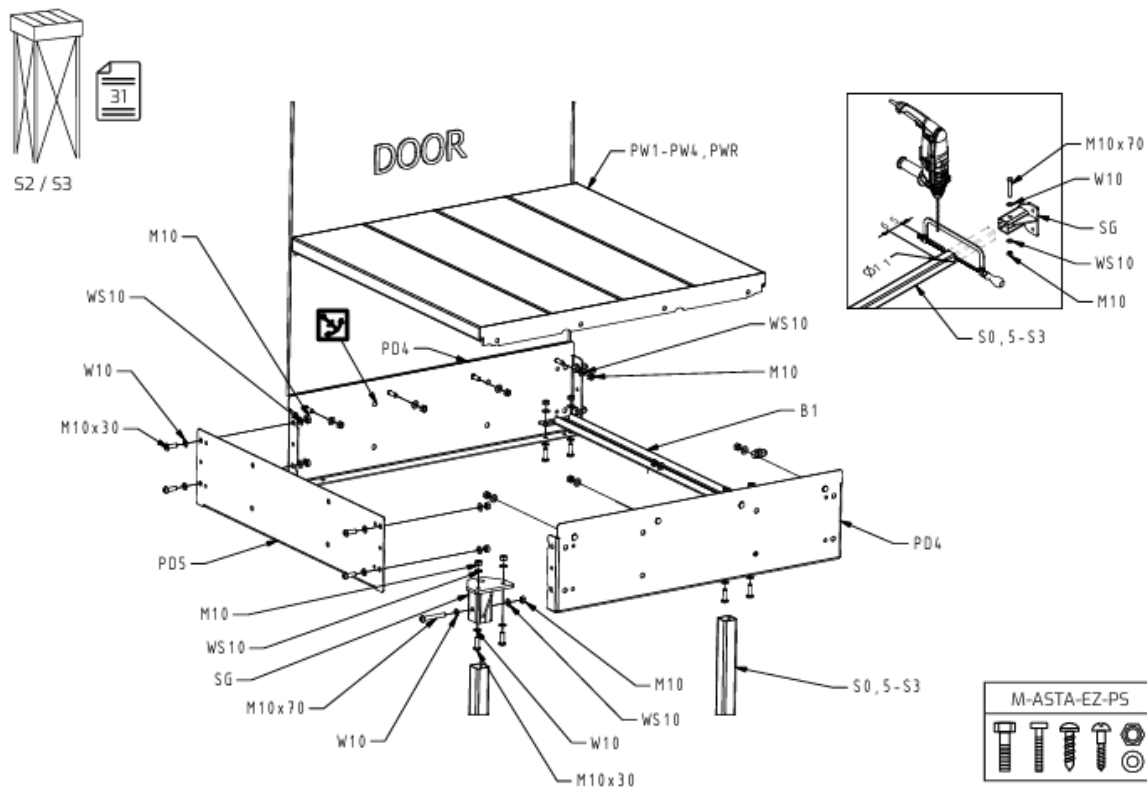
Variant 4.



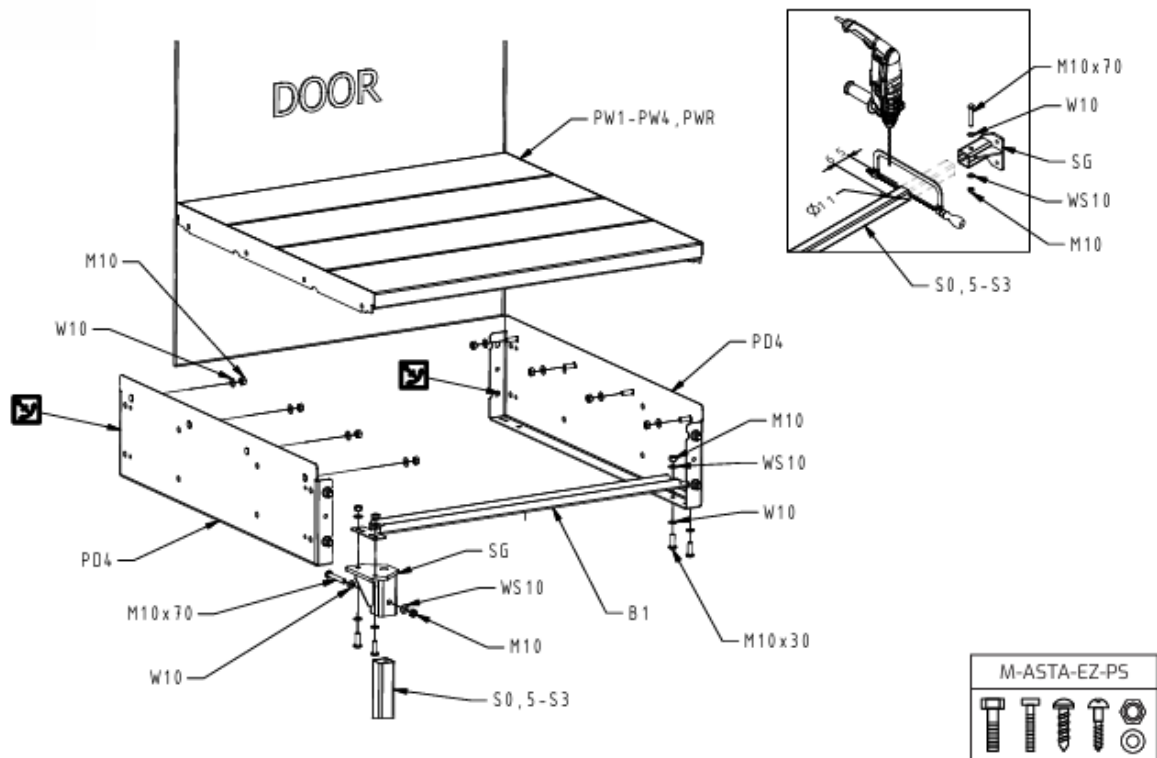
Variant 5.



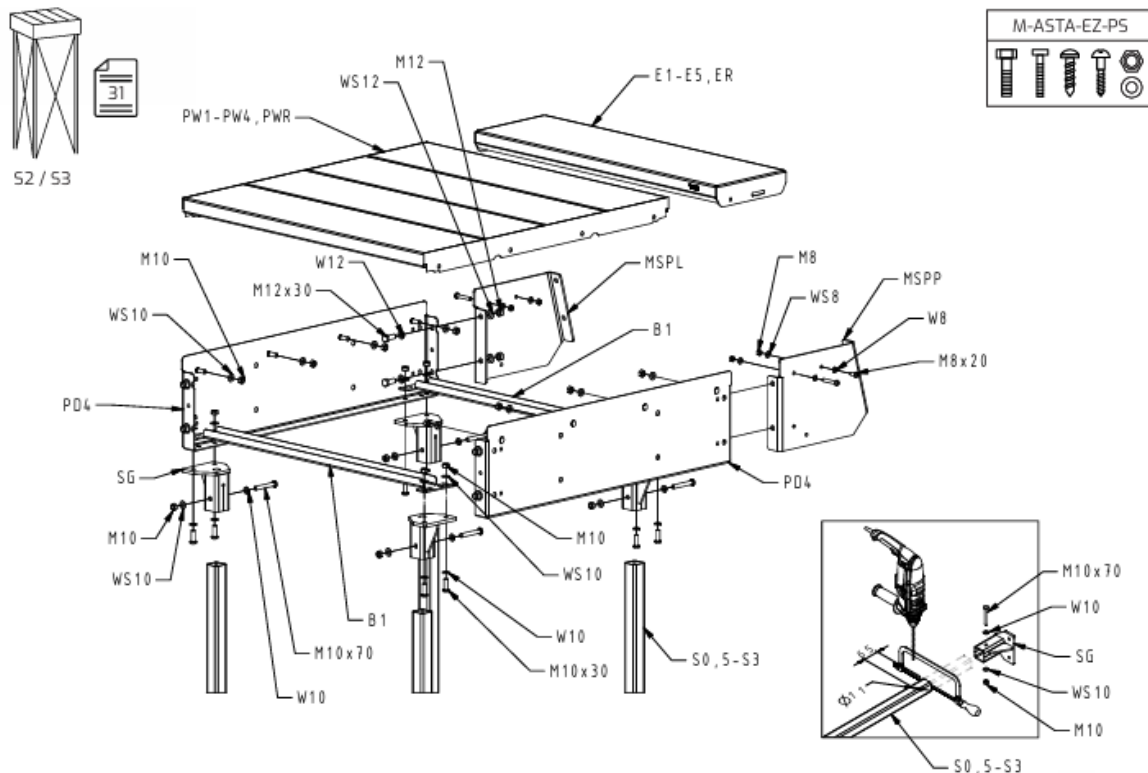
Variant 6.



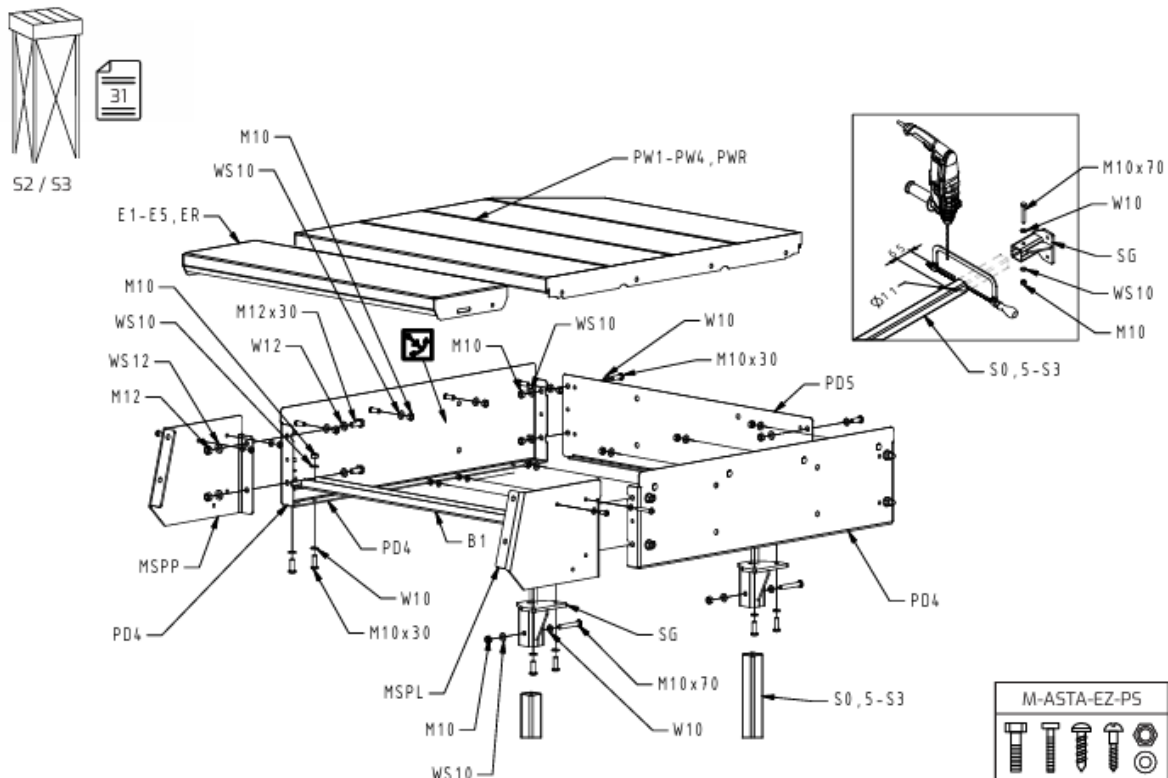
Variant 7.



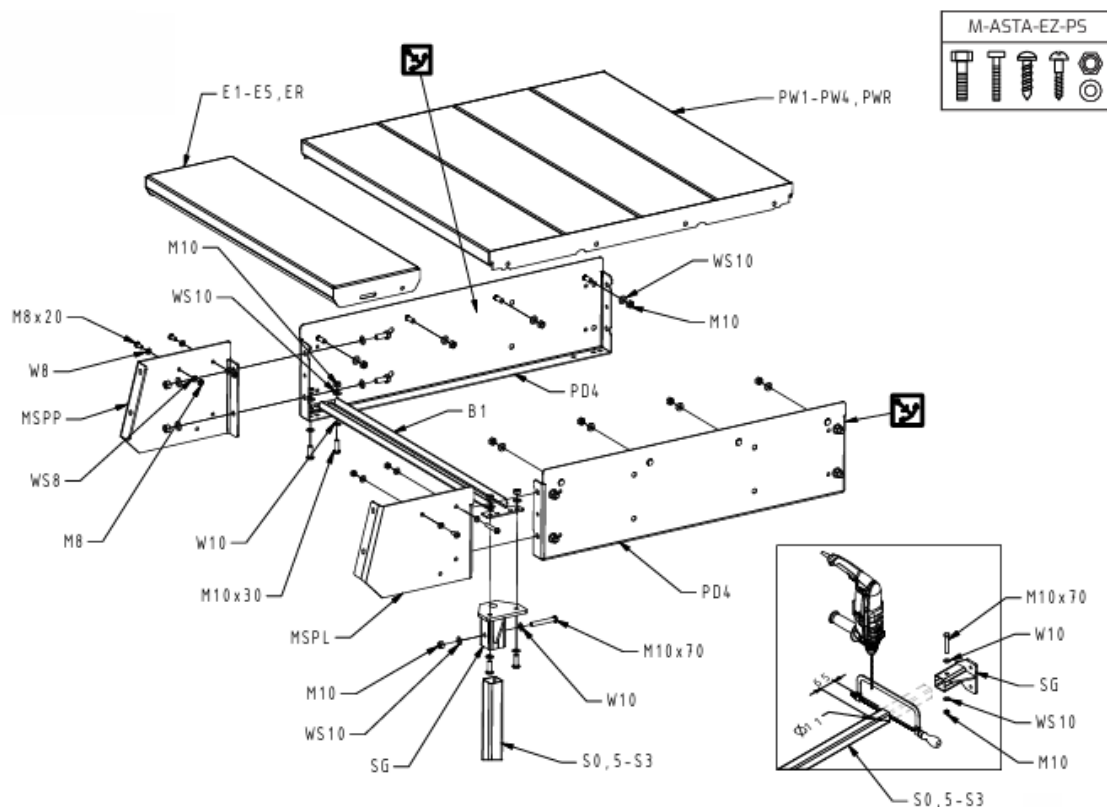
Variant 8.



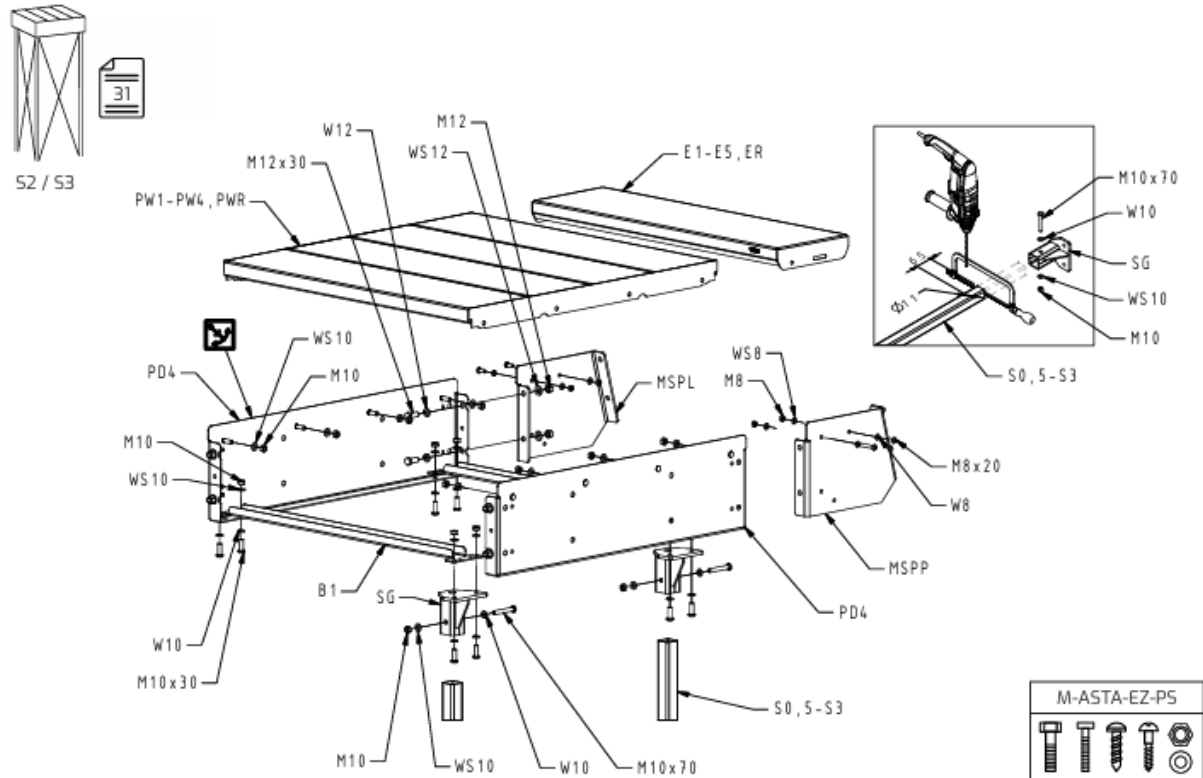
Variant 9.



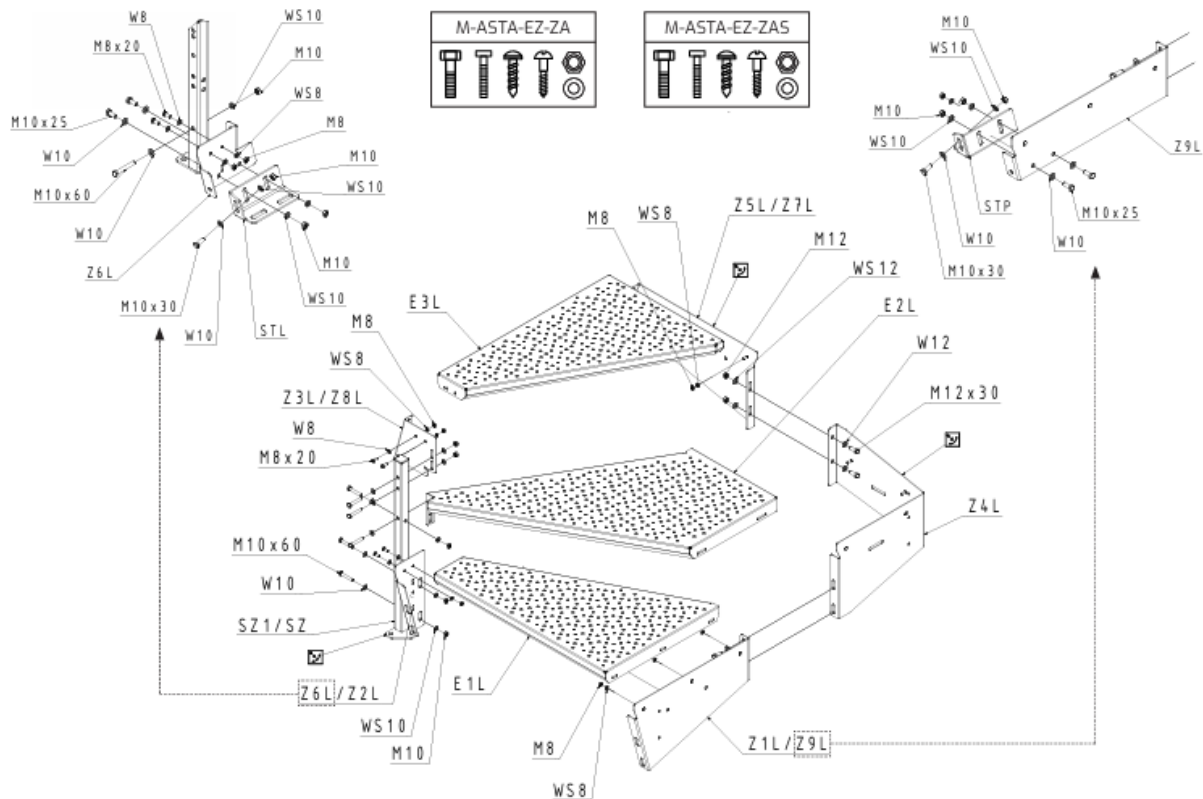
Variant 10.



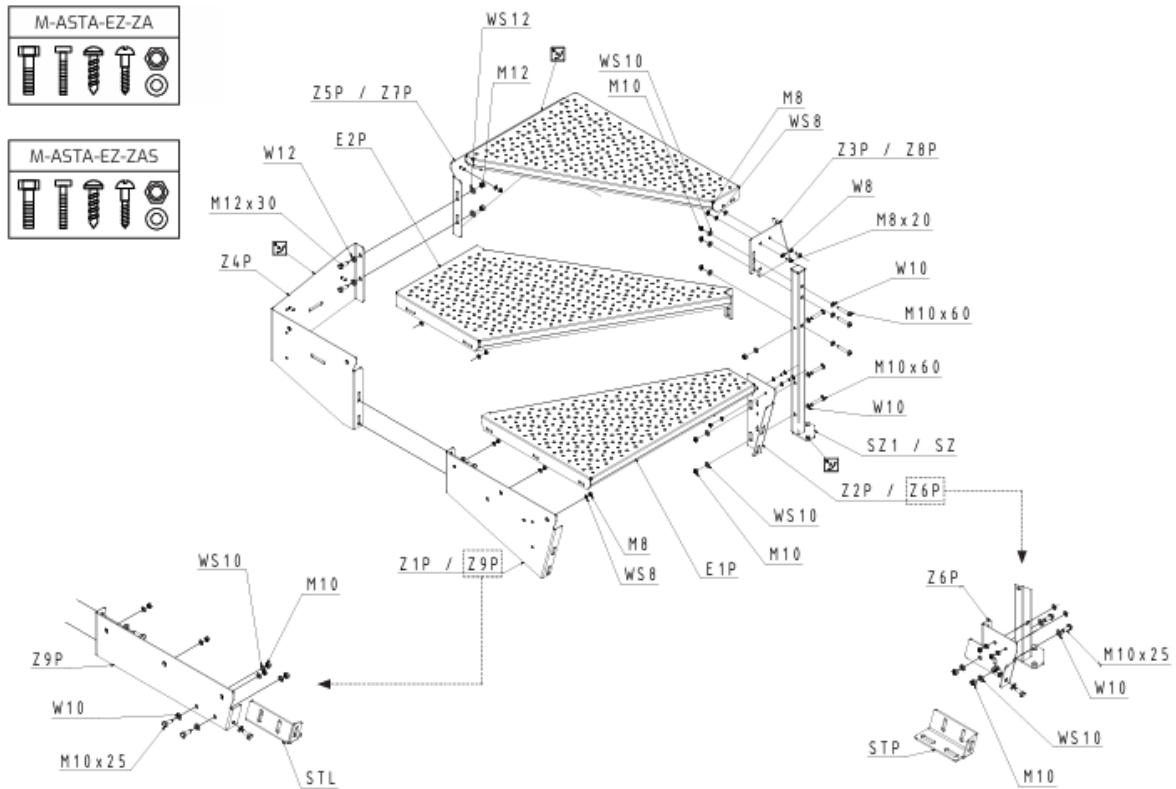
Variant 11.



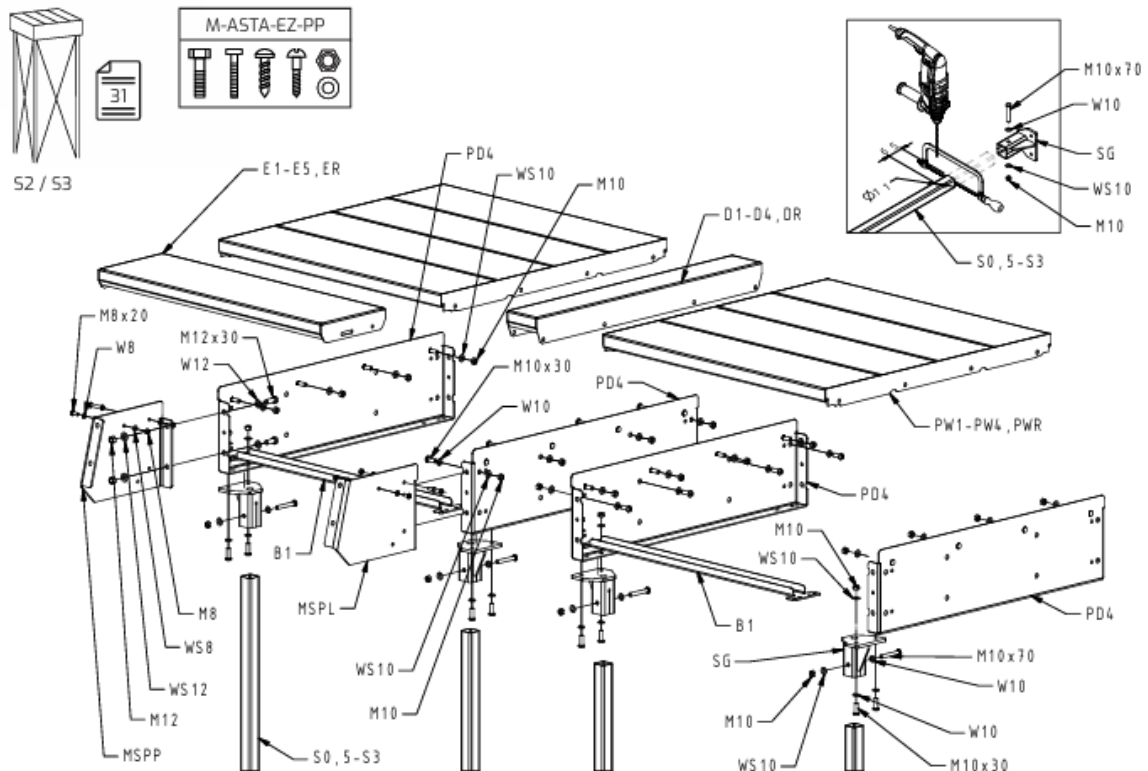
Variant 12.



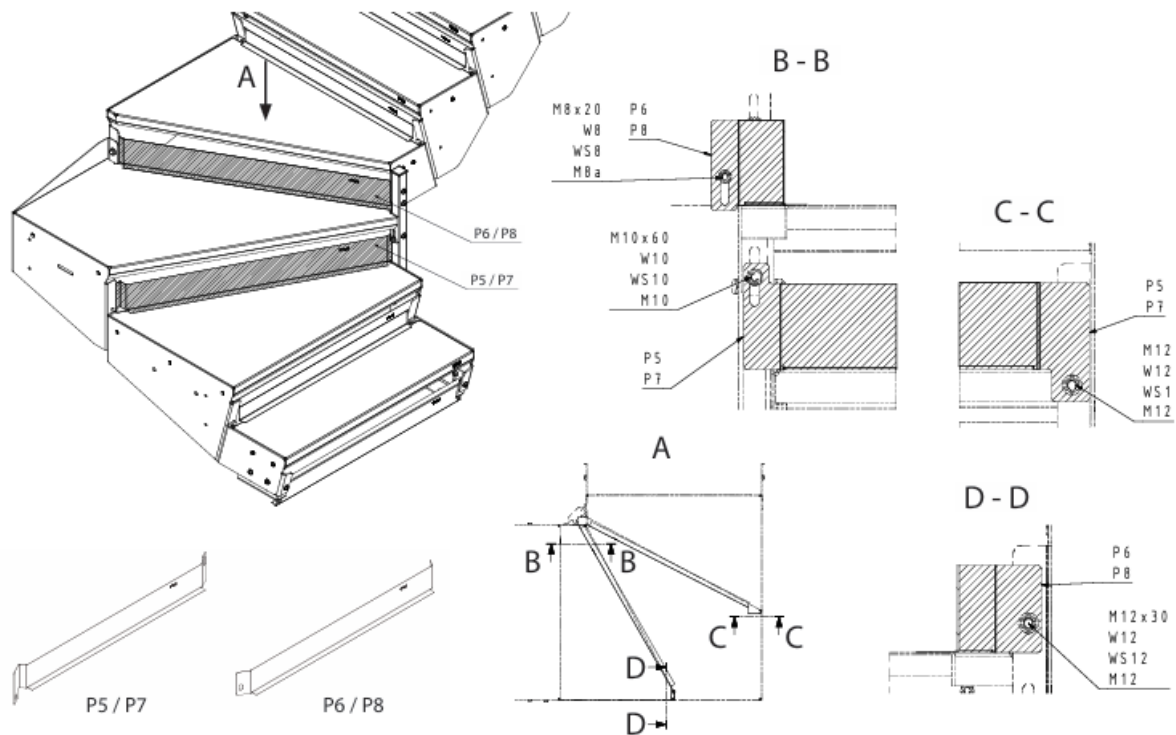
Variant 13.



Variant 14.



Riser plate assembly.



Tension lines assembly.

