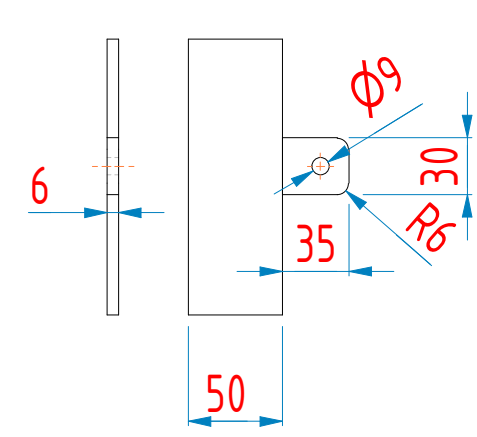
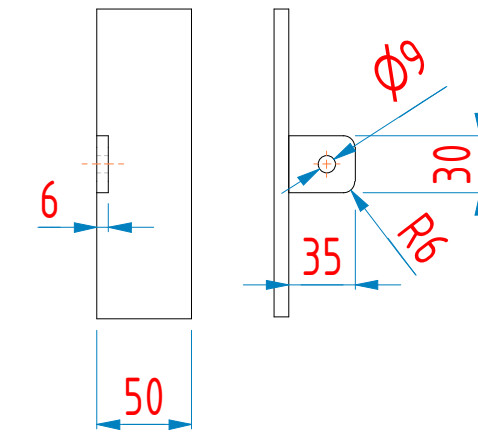
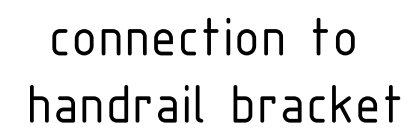
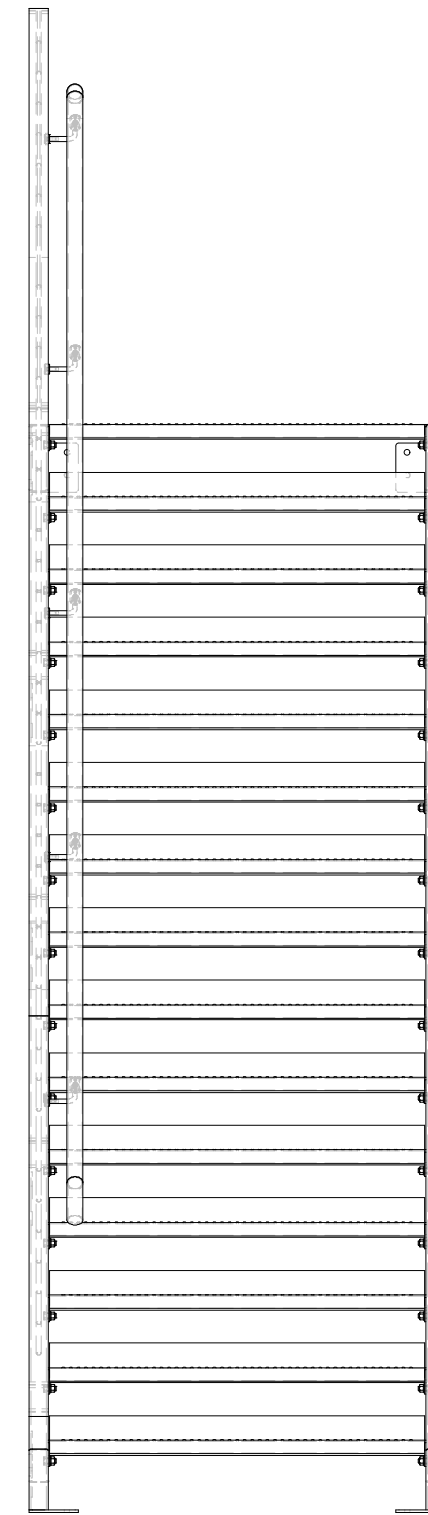
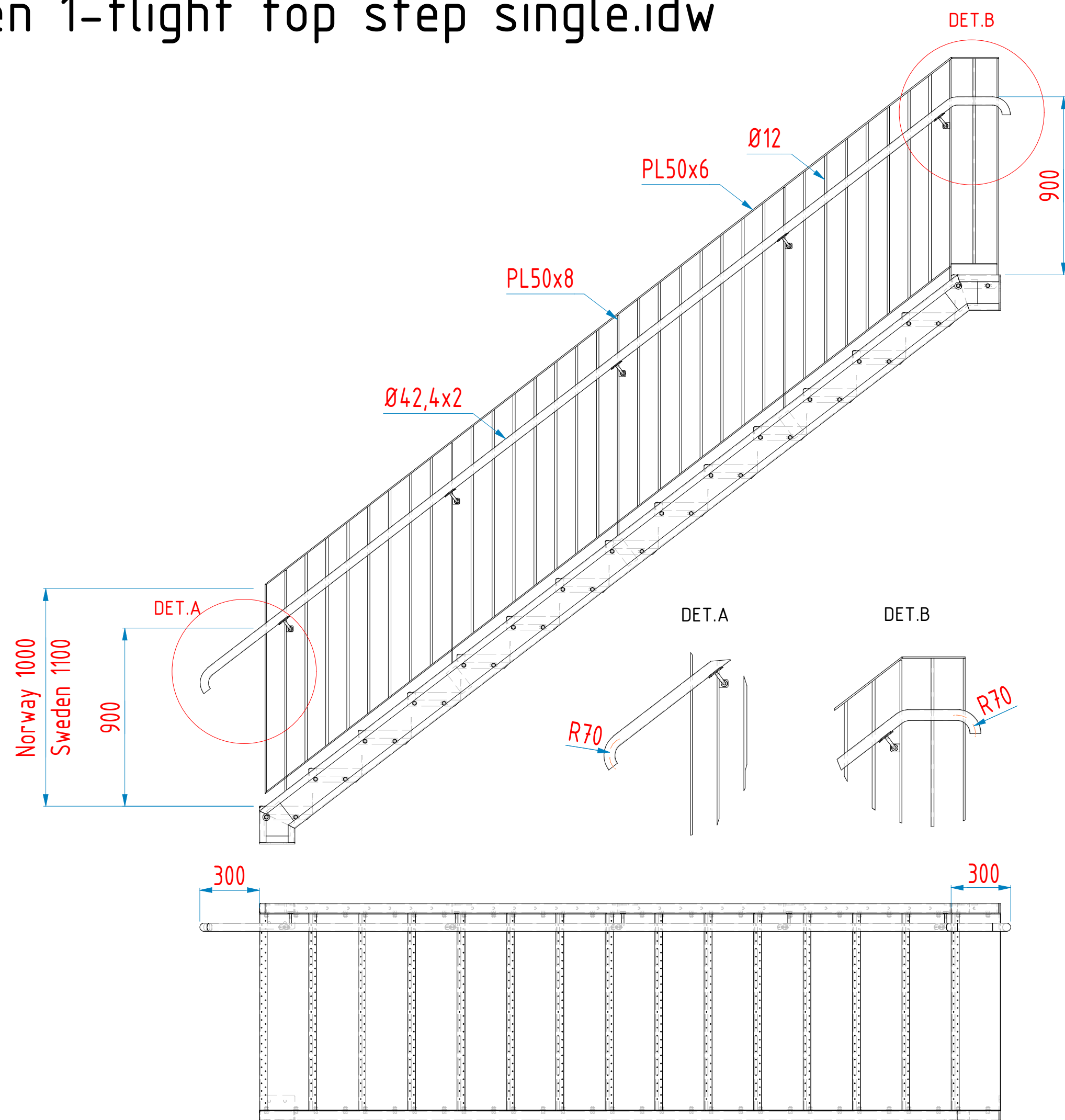
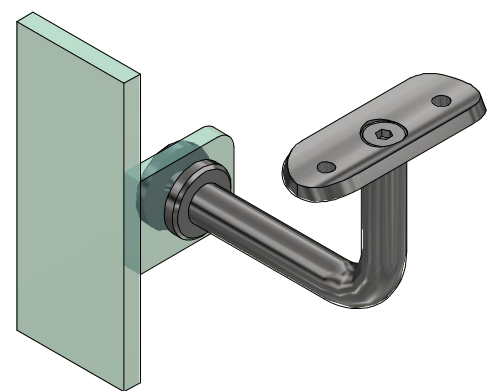


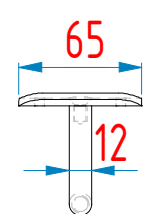
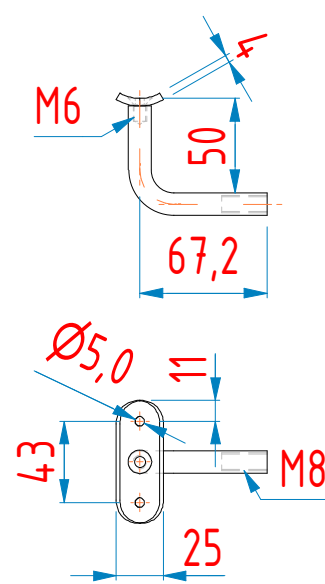
Holmen 1-flight top step single.idw



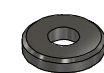
Assembly of handrail
brackets to posts.



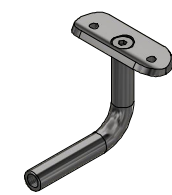
Handrail bracket qual. A4



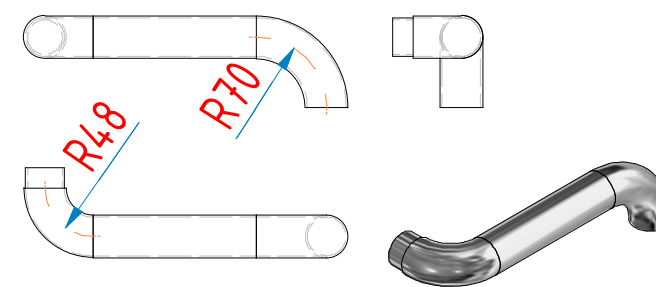
Washer 1



Washer 2



End part



Comments
1. All indeterminate welds: T-welds as fillet welds $a = 3$
2. Connection of elements do as butt welds with full penetration
3. With hot-dip galvanized components, welds should be closed.

ion	PN-EN 1090 EXC2, CE	General tolerances regarding the construction welded according to NS/SS-EN ISO 13920 class B						Material Steel S235JR NS/SS-EN 10025-2
		Above 30 to 120	Above 120 to 400	Above 400 to 1000	Above 1000 to 2000	Above 2000 to 4000	Above 4000	
		±1	±2	±3	±4	±6	±8	

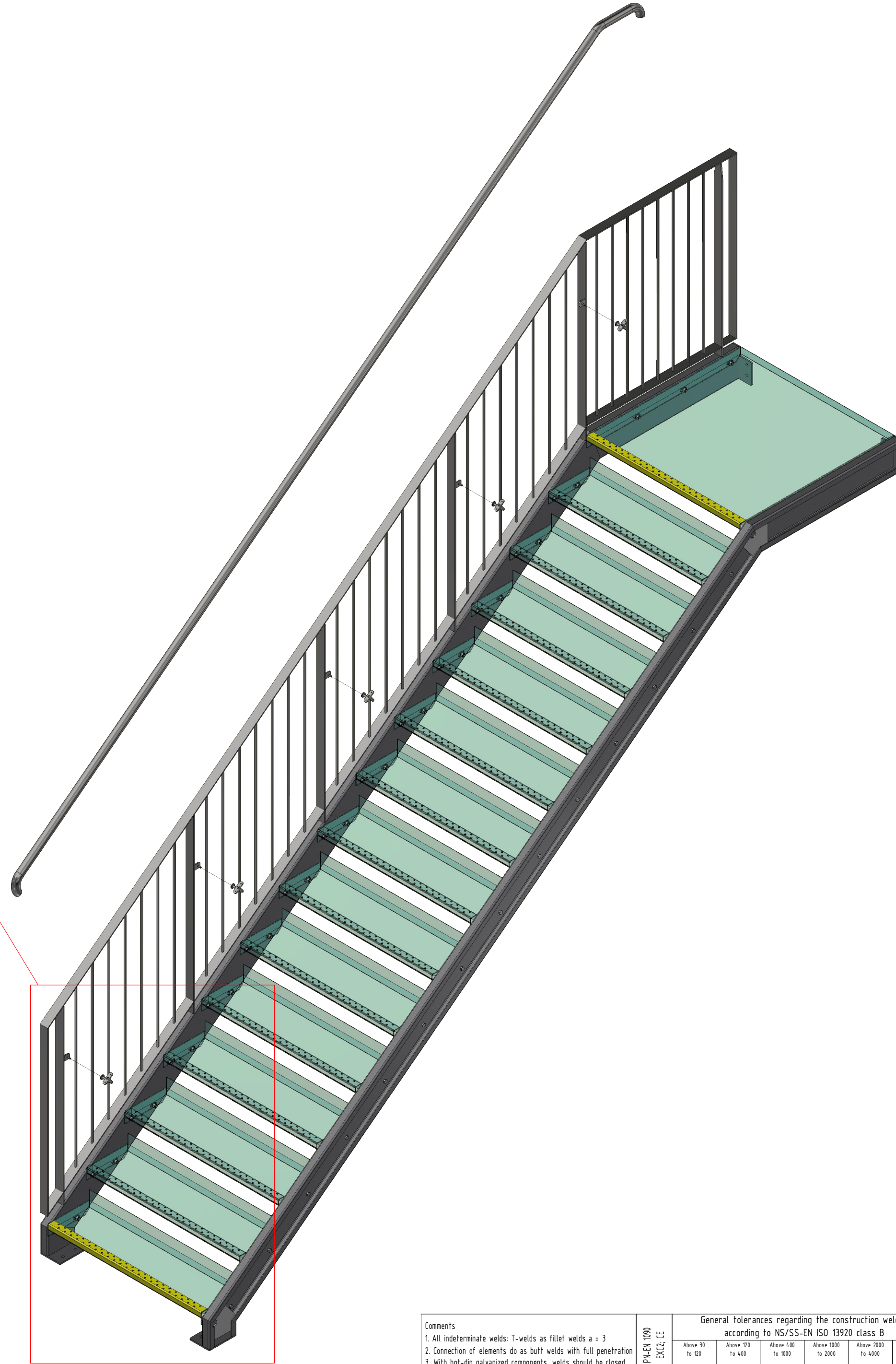
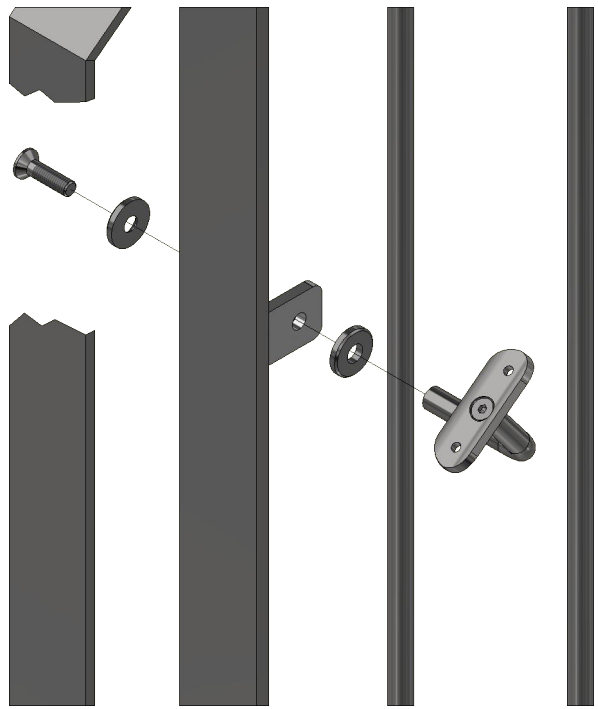
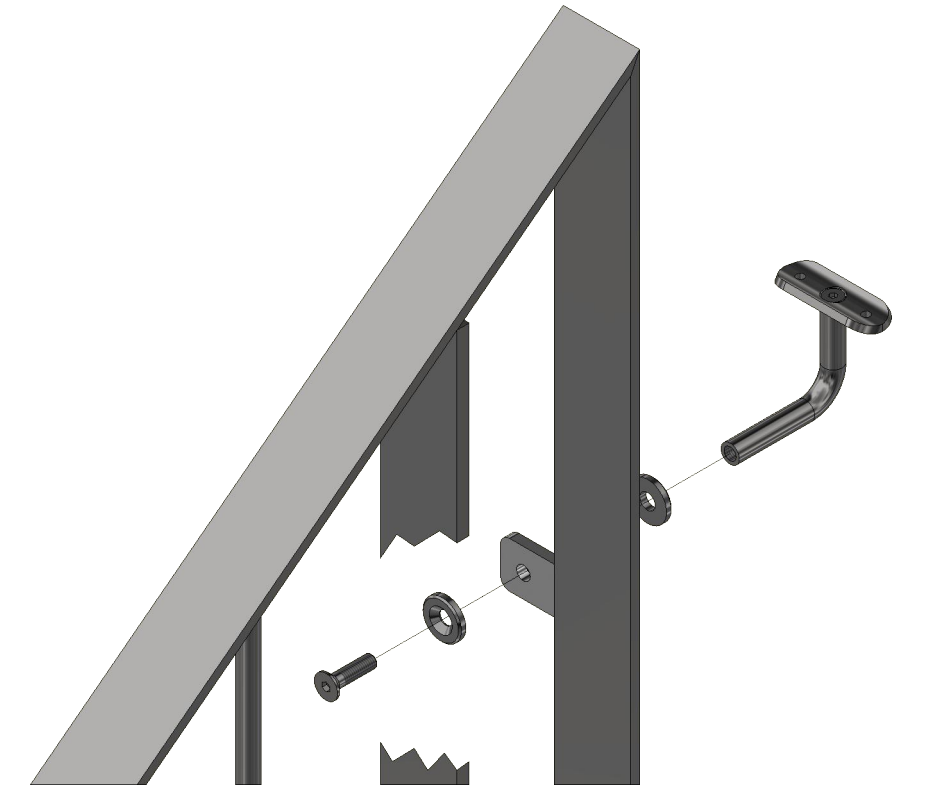
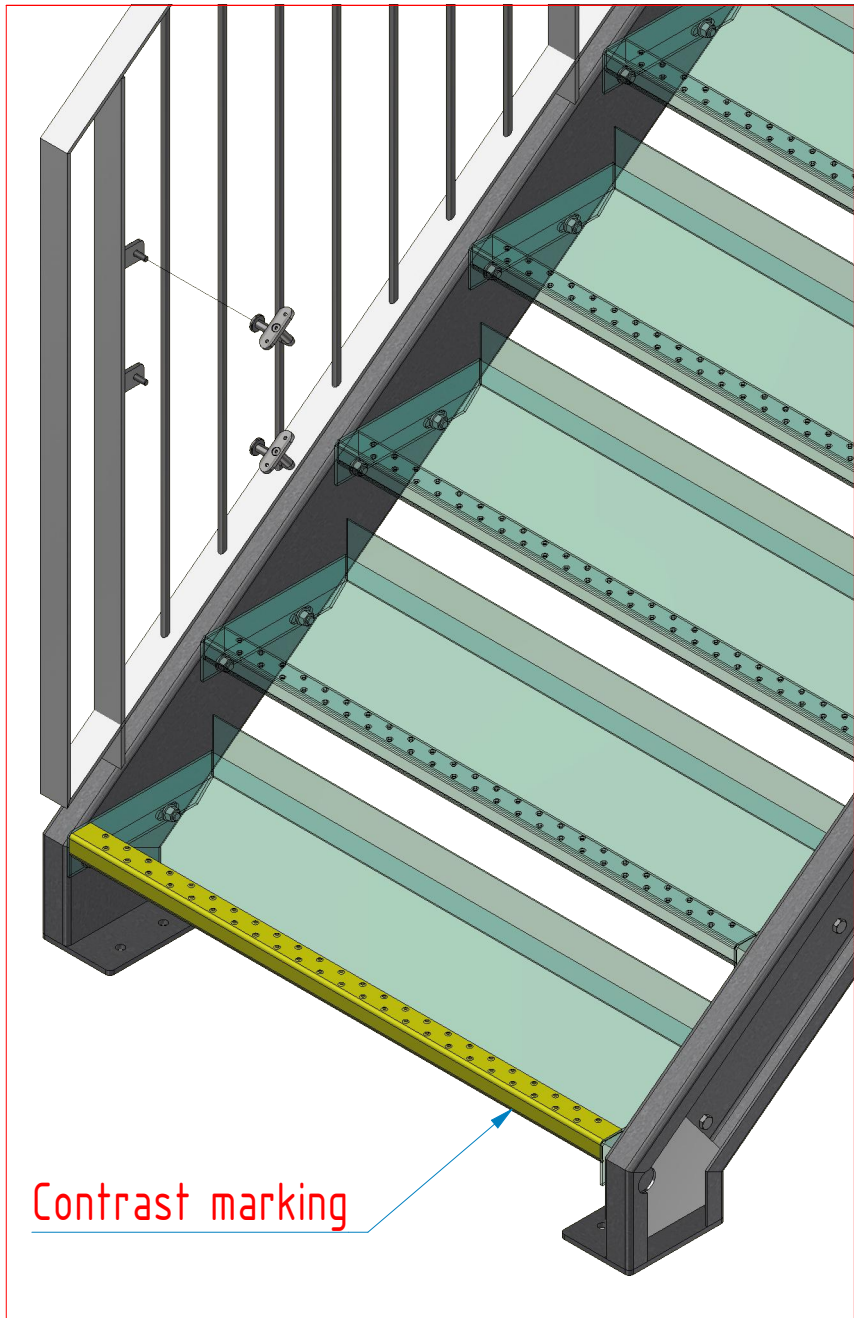
(*) only for powdercoated stairs

Fixing Elements	Standard	Reference	Quality
Rivet 4,8x12mm	DIN 7337	handrail	A4
M12 x 25 Hexagonal head bolt	DIN 933 / ISO 4017		HDG
M12 hexagon nut	DIN 934 / ISO 4033		HDG
Washer for M12	DIN 125 / ISO 7089		HDG
M12 x 30 Hexagonal head bolt	DIN 933 / ISO 4017	(*)	A4
M12 hexagon nut	DIN 934 / ISO 4033	(*)	A4
Washer for M12	DIN 125 / ISO 7089	(*)	A4

Antal	Vi ansvarar ej för trappans stabilitet vid infästningspunkter mot omkringliggande konstruktion.
Quantity	

[illegible]

Assembly of Holmen 1-flight top step single.idw



Comments 1. All indeterminate welds: T-welds as filler welds a = 3 2. Connection of elements do as butt welds with full penetration 3. With hot-dip galvanized components, welds should be closed.	P/Nr: 1050 EXCZ-CE	General tolerances regarding the construction welded according to NS/SS-EN ISO 1920 class B						Material Steel S235JR NS/SS-EN 10025-2	 Gen. Tolerances EN ISO 1920:1996 class B	 Scale 1:20	 Master Skuggsväg 7 64171 ÅRDVIA, SWEDEN Tel: 071-901071 www.abc-solutions.se	Riv DwgNo Holmen 1-flight top step single.idw	Riv
		Above 30 to 120	Above 120 to 400	Above 400 to 1000	Above 1000 to 2000	Above 2000 to 4000	Above 4000						
		±1	±2	±3	±4	±6	±8						
		Length: 92.80-127.14											
		Scale:											

Holmen 1-flight top step single.idw



Comments 1. All indeterminate welds: T-welds as fillet welds a = 3 2. Connection of elements do as butt welds with full penetration 3. With hot-dip galvanized components, welds should be closed.	PA-EN 1020 EXCZ CE	General tolerances regarding the construction welded according to NS/SS-EN ISO 13920 class B						Material Steel S235JR NS/SS-EN 10025-2
		Above 30 to 120	Above 120 to 400	Above 400 to 1000	Above 1000 to 2000	Above 2000 to 4000	Above 4000	
		±1	±2	±3	±4	±6	±8	

Aantal Quantity		Vi ansvarar ej för trappans stabilitet vid infästningspunkter mot omkringliggande konstruktion.									
Titel Title		Ytbehandling surface treatment									
Platta Plate				Gen. tolerans General tolerances EN ISO1920:1996 dB		Skala Scale 1:20		A2		 Master Skuggas Väg 7 64178 ÅKERÅS, SWEDEN Tel: 0511-381011 www.abcsolutions.se	
Refer. dwg:s		Rev. nr Drawings									
Konstr. 870122-TH		Holmen 1-flight top step single.idw									
Guds		Rev									