



one step ahead 



Guardrail



Safe and easy handrail system.



Flexibility.

Guardrail is a system, where you with few options can build a unique complete handrail that meets far the most requirements for loading and strength.

Installment.

No welding is required for assembling the Guardrail handrail system. Screws, assemblies and foot plates makes it surprisingly easy to install.

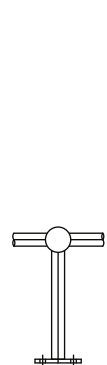
Service.

Our consultants and technical department will assist with all necessary information to make you feel comfortable using the handrail system.

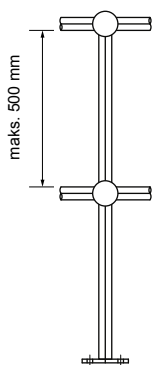


Handrail standards

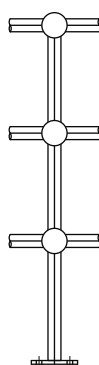
The height is 1100 mm by default according to EN/ISO 14122-3, 2003 and EN 1990.
Alternative heights can be produced by demand.



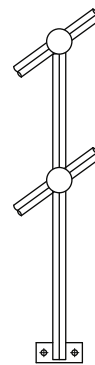
Single ball



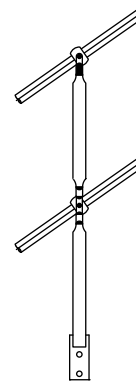
Double ball



Triple ball



Raking balls



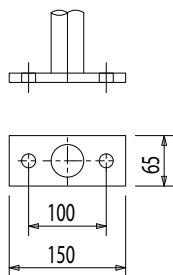
Flexirail
0 - 45°

Foot plates

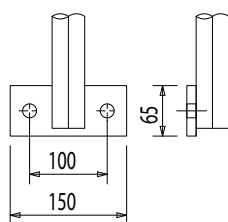
All foot plates are welded on standards before delivery.

Standard hole diameter is 18 mm. Alternative diameters is produced on demand.

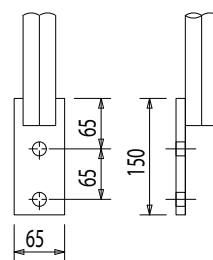
Standard material thickness is 12 mm. Alternative thickness is 10 mm, 15 mm and 20 mm.



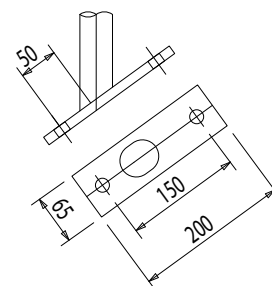
GS1 – in stock



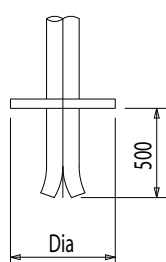
GS2 – in stock



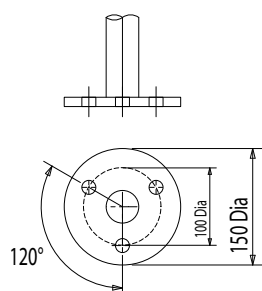
GS3 – in stock
Suits PcP. stringers



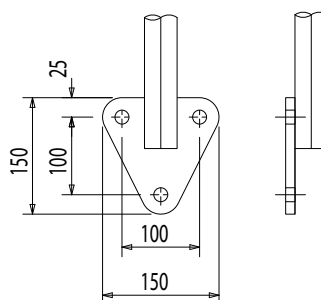
GS4 – by demand



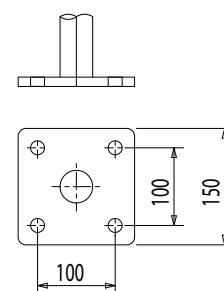
GS5 – by demand



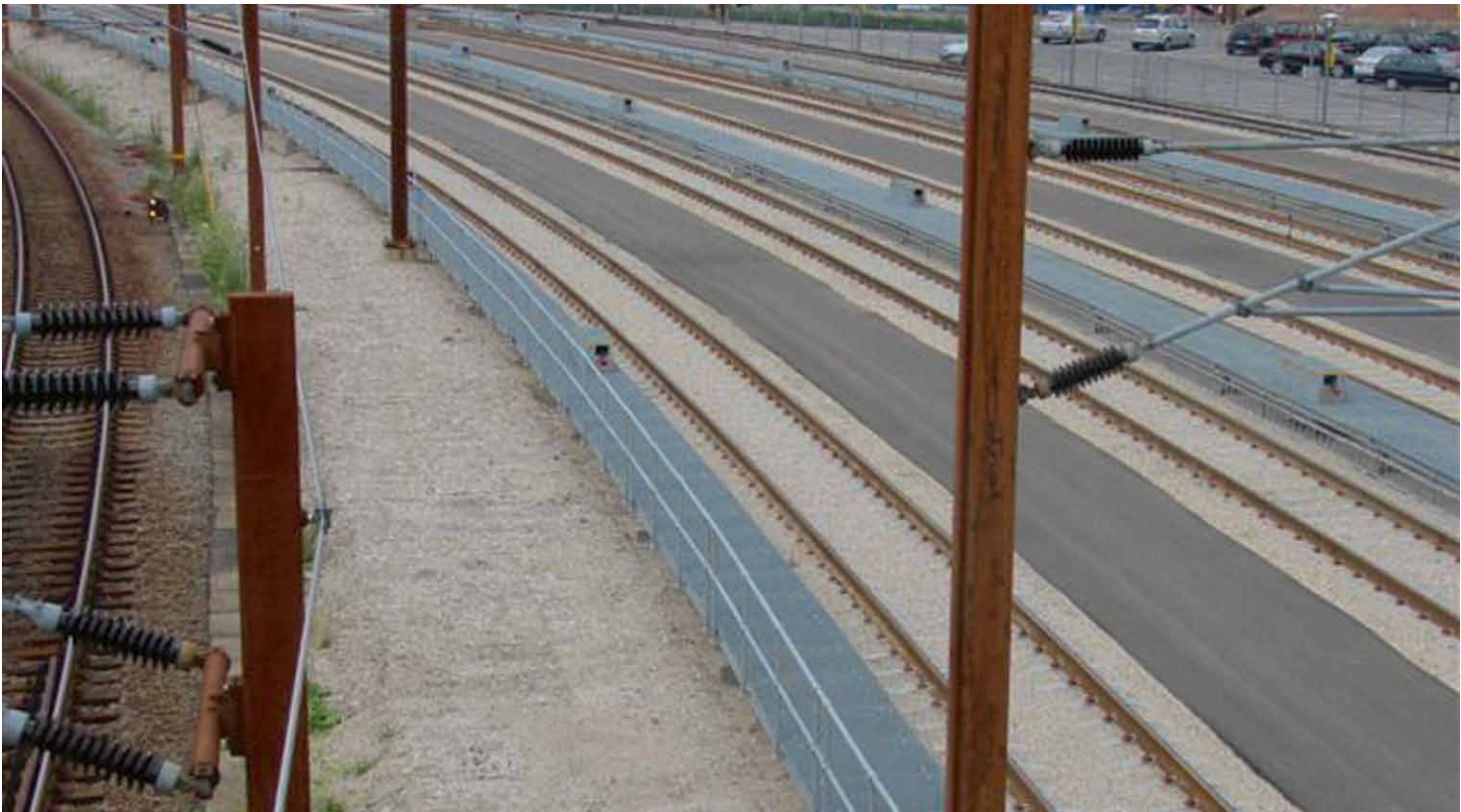
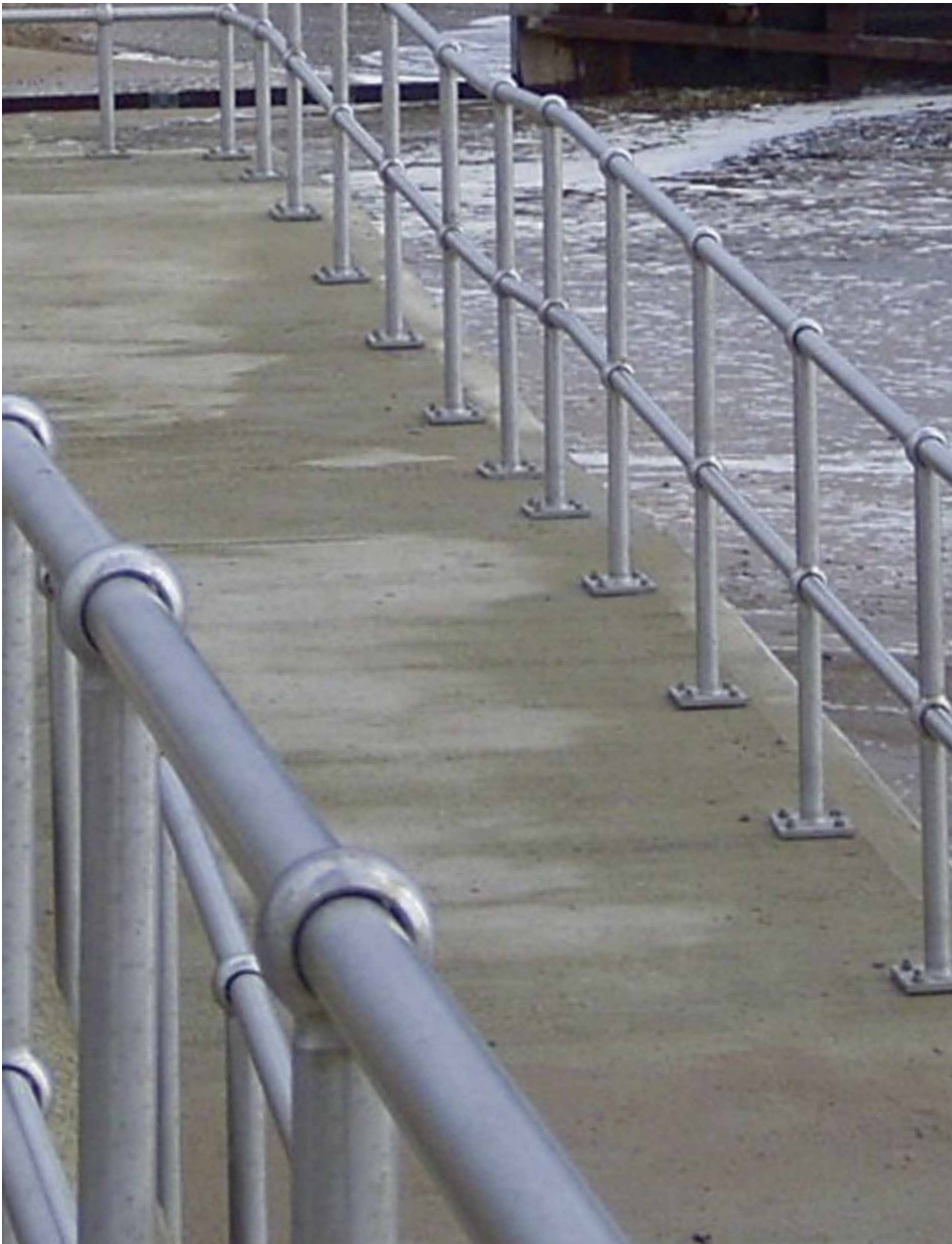
GS6 – by demand



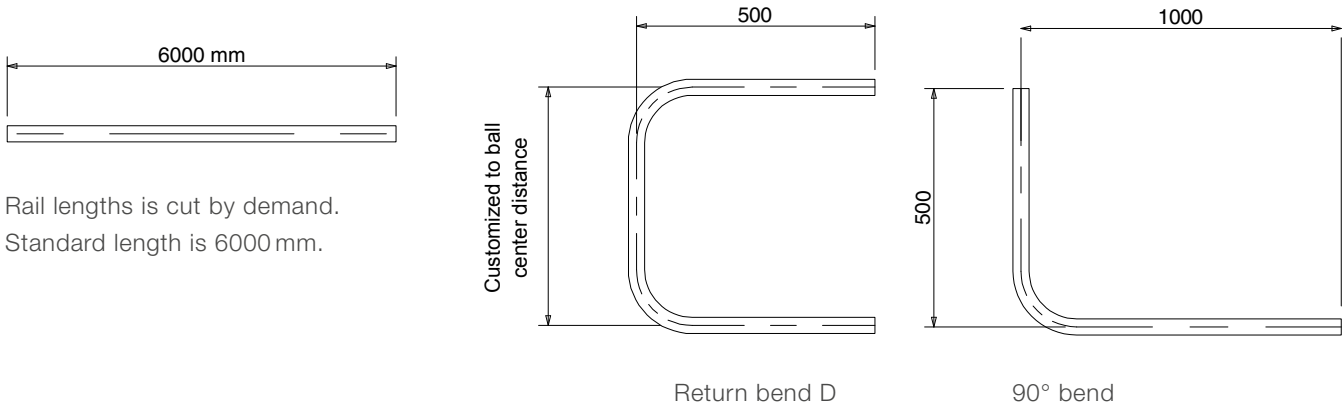
GS7 – by demand



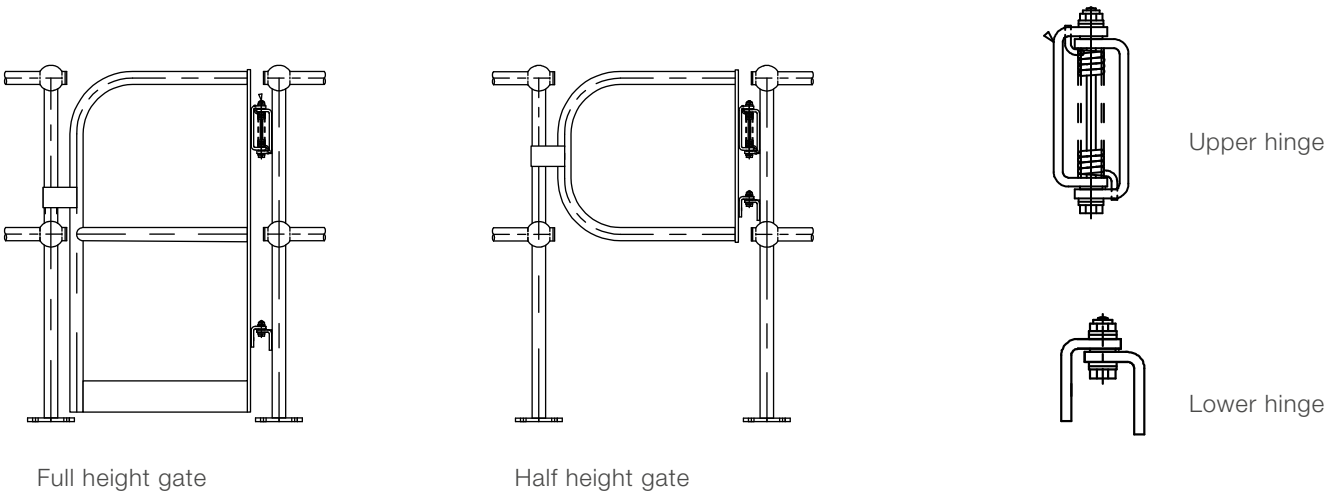
GS8 – by demand



Stock bends and rails



Gates



Load table

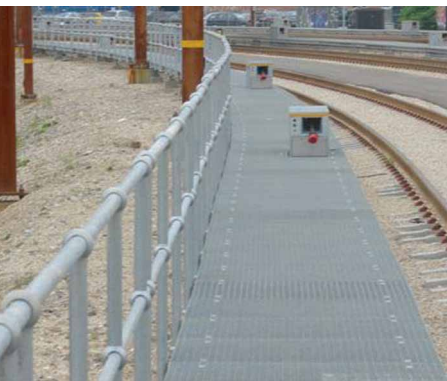
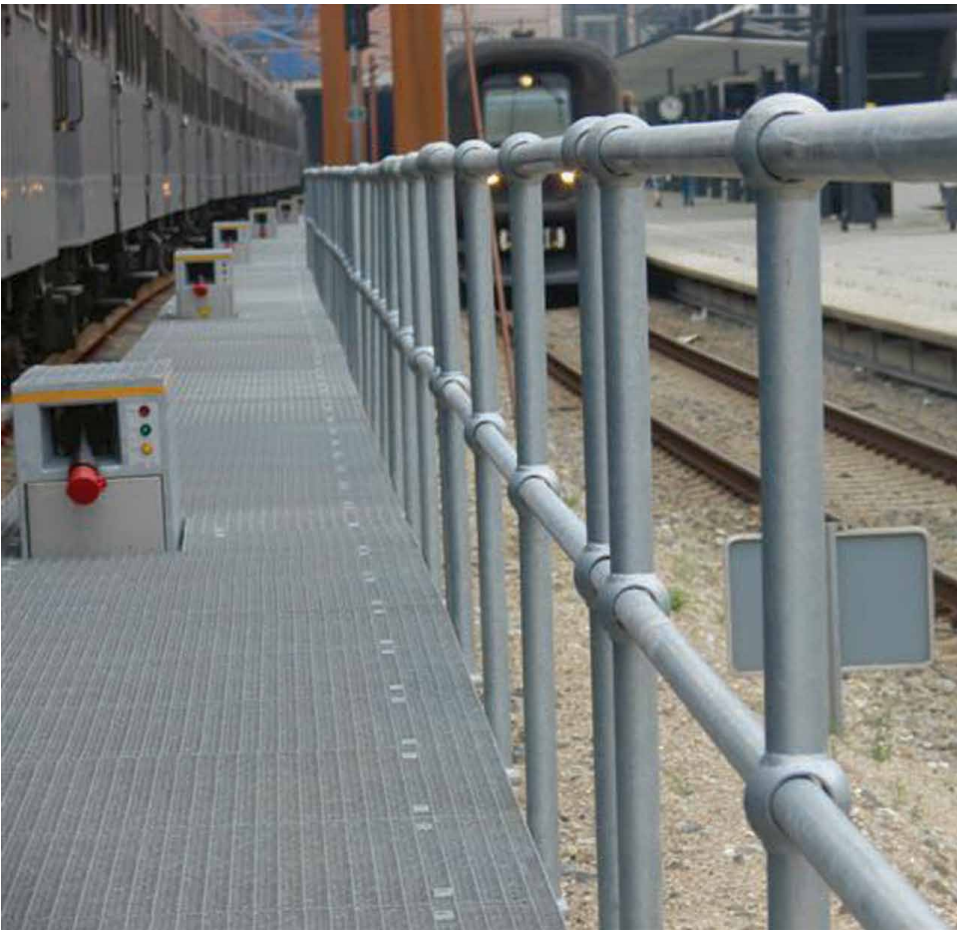
Handrail diameter	ø 33,7	ø 42,4	ø 48,3	ø 60,3
Standard diameter	Max. distance between standards			
ø 33,7	1081	-	-	-
ø 42,4	1846	1846	-	-
ø 48,3	2483	2483	2483	-
ø 60,3	2872	3477	3869	4423

The table shows distances applicable for 1100 mm high standards required according to EN/ISO 14122-3, 2003 & EN 1990, minimum 0.3 kN/m, deflection maximum 30 mm. Recommended c/c standard: ≤ 1500 mm.

Materials

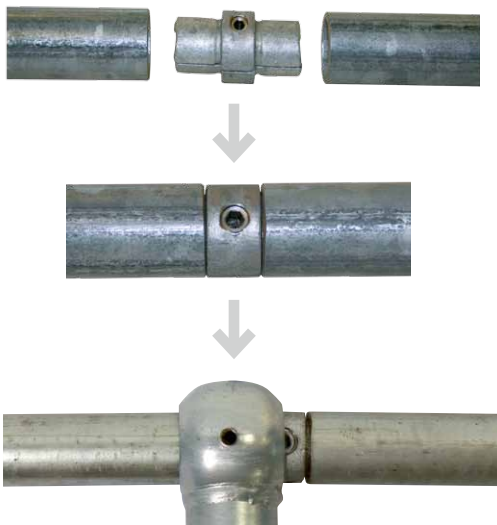
- Mill finish steel
- Galvanized steel
- Stainless steel
- Aluminium

Mesh grating infills

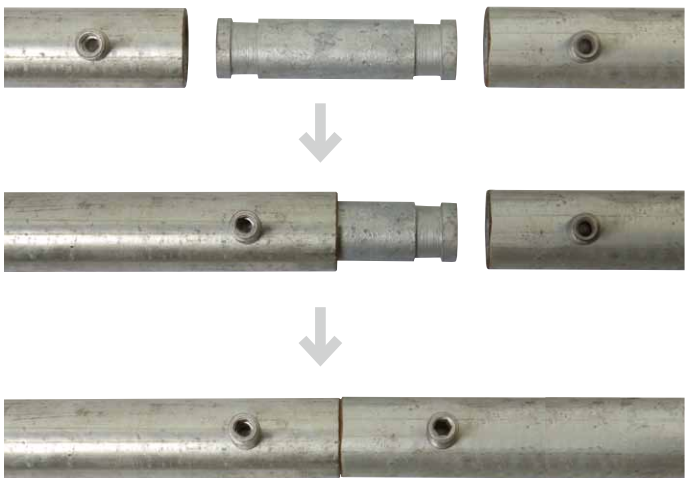


Assemblies

Type 1



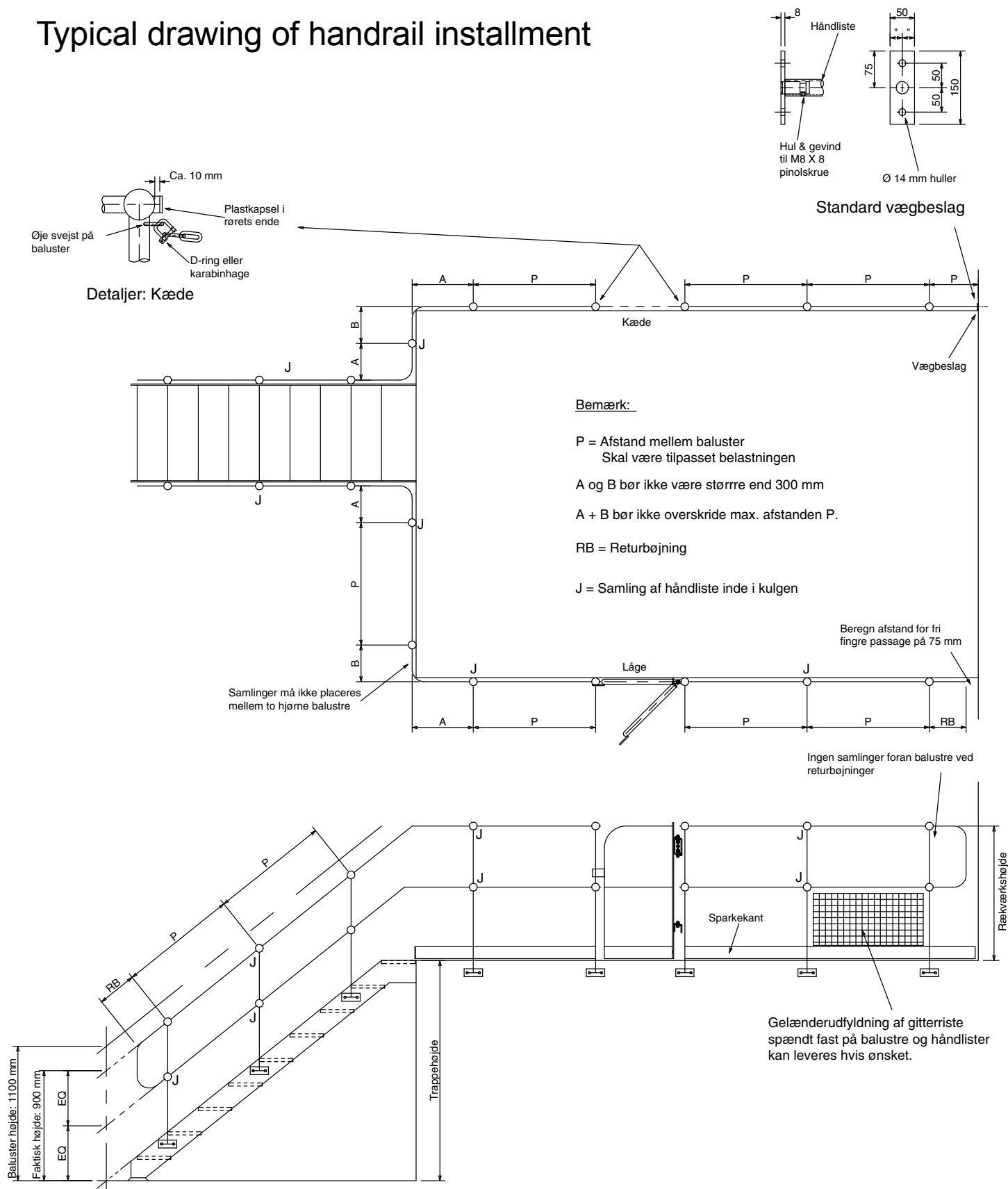
Type 2



FlexiRail



Typical drawing of handrail installment





For more info call:

+45 97 13 12 00

... or a non-binding offer