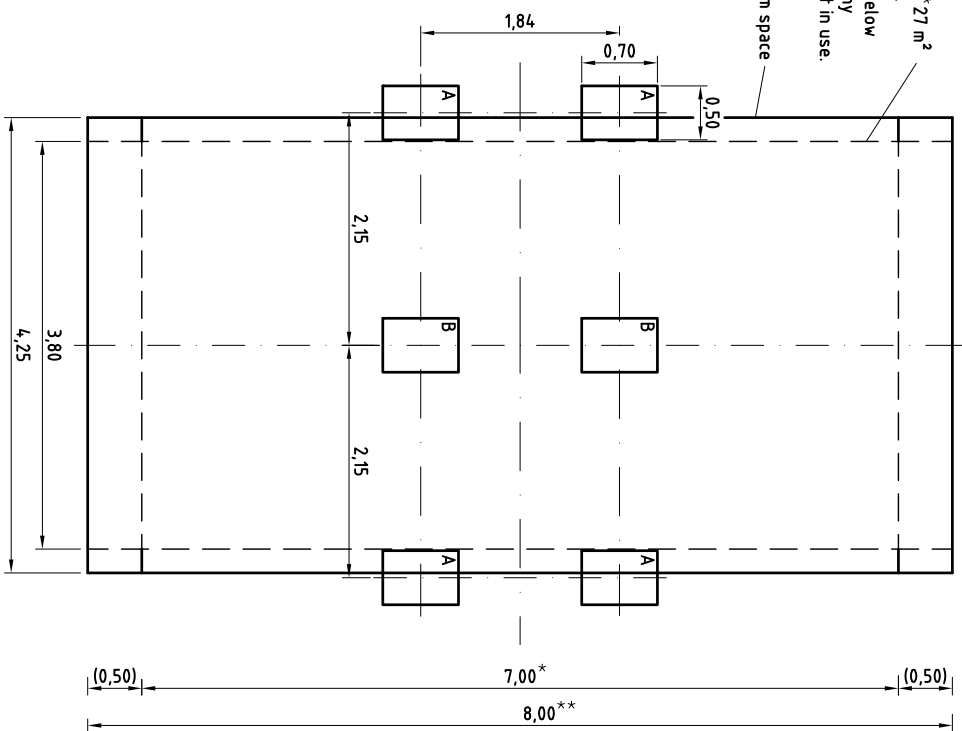
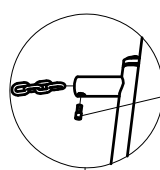


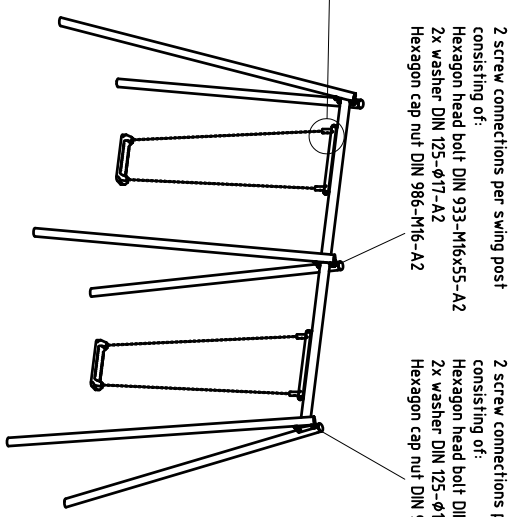
Impact area (approx. *27 m² resp. **31 m²). Impact absorbing surfacing below swing, according to any position of swing seat in use.



Free height of fall = 1,50 m



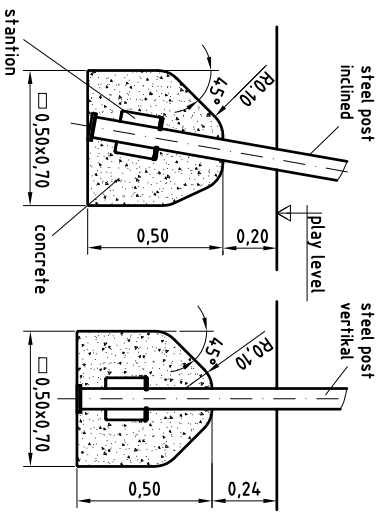
Cheese-head screw
DIN 912/ISO 4762-M8x20-A2



2 screw connections per swing post
consisting of:
Hexagon head bolt DIN 933-M16x55-A2
2x washer DIN 125-φ17-A2
Hexagon cap nut DIN 986-M16-A2

2 screw connections per swing post
consisting of:
Hexagon head bolt DIN 933-M16x45-A2
2x washer DIN 125-φ17-A2
Hexagon cap nut DIN 986-M16-A2

Foundation:
Type A
scale 1:20



Foundation:
Type B
scale 1:20

1. Assign location of equipment considering the space requirement (falling space).
2. Excavate soil for foundations, according to drawing.
Please note: To achieve a maximum of stability and a safe installation a normal level of soil solubility is required.
Attention: For installation of the posts at swing crossbeam the screws have to be lubricated thinly with installation paste!
3. Mount steel posts at cross beam according to drawing, put assembled equipment into foundation holes and align it
4. GROUT in foundations with compressed concrete C20/25, chamfer and round off the edges and cover with a surface which shall meet the requirements for impact attenuation so that the critical fall height of the surfacing shall be equal to, or greater than, the free height of fall (acc. to EN 1176-1).
5. Attach chains to chain adapter in swing axle after concrete foundations have set. Unscrew cheese head screw (M8x20) inside adapter, insert last chain link and fix with screw. Attention: For installation the cheese head screw has to be lubricated thinly with installation paste! Please note that the cheese-head screw has to be tightened e.g. with allen key or catch stoutly without overwinding the screw.
7. If necessary, cut length of chain in order to ensure minimum ground clearance of 0,45m below swing seat.
8. Check all screw connections according to maintenance instructions after 4-5 weeks and screw down again if necessary.

Please take care that all special Allen key for secured Allen screws etc.) and all specific documents which are or may be useful for safety management acc. to EN 1176-7 (e.g. invoice, delivery note, order acknowledgement, installation instructions, maintenance instructions) are forwarded to the responsible persons.

		Date/Name 940344020	
Kaiser & Kühne Freizeitgeräte GmbH D-27324 Eystrup Telefon 04254 / 93150 Telefax 04254 / 931524		Description K&K Swing combination (2,50)	
Scale 1:50 / A3		Drawing Installation	

* Measure in case of surfacing with impact absorbing effect that is level with the surrounding area (cf. EN 1176-2 4.10.2.1). Towards swing direction there shall be an additional area of 0,50m length free from obstacles.

** Measure in case of natural surfacing with impact absorbing effect (cf. EN 1176-2 4.10.2.1)