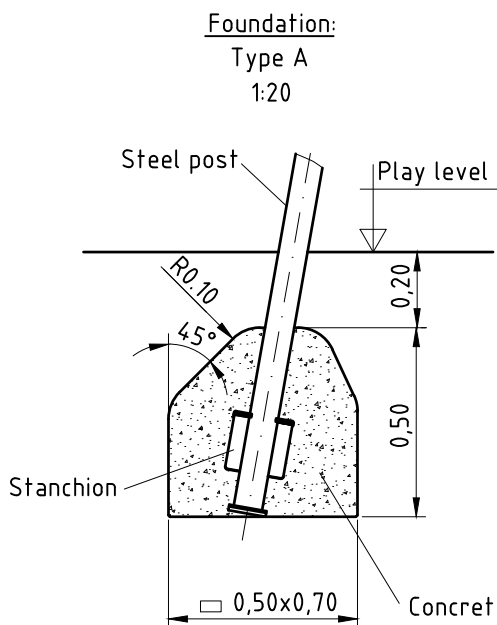


2 screw connections per swing post
consisting of:
Hexagon head bolt DIN 933-M16x45-A2
2x washer DIN 125-Ø17-A2
Hexagon cap nut DIN 986-M16-A2

two-piece stainless steel swing
axle with roller bearings including
attachment for swing seat retain

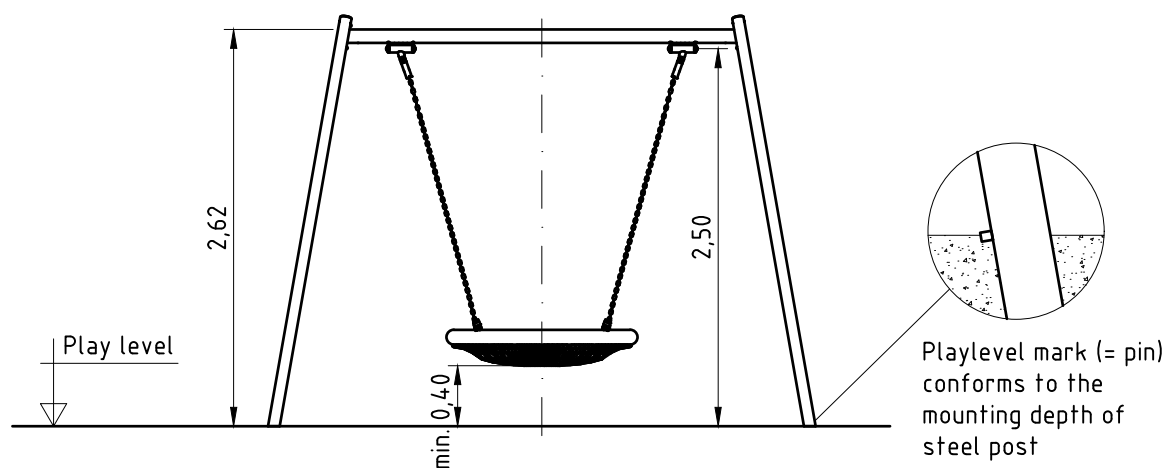
Steel post

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



1. Assign location of equipment considering the minimum space requirements (impact area).
2. Excavate soil for foundations, according to drawing.
Please note: To achieve maximum stability and a safe installation, a moderate level of soil solubility is required.
3. **Attention: Before fastening the posts to the swing crossbeam, slightly lubricate the screws with installation paste!**
4. Mount steel posts to crossbeam according to drawing, put assembled equipment into foundation holes and align it
5. Grout foundations with compressed concrete C20/25, chamfer and round off the edges and cover with a surface which meets the requirements for impact attenuation so that the critical fall height of the surfacing is equal to, or greater than, the free height of fall (acc. to EN 1176-1).
6. Attach chains to chain adapter in swing axle after concrete foundations have set: Unscrew cheese head screw (M8x20-A2) 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.
If necessary, shorten length of chain in order to ensure minimum ground clearance of 0,40m below basket.
7. Check all screw connections according to maintenance instructions after 4-5 weeks and retighten, if necessary.

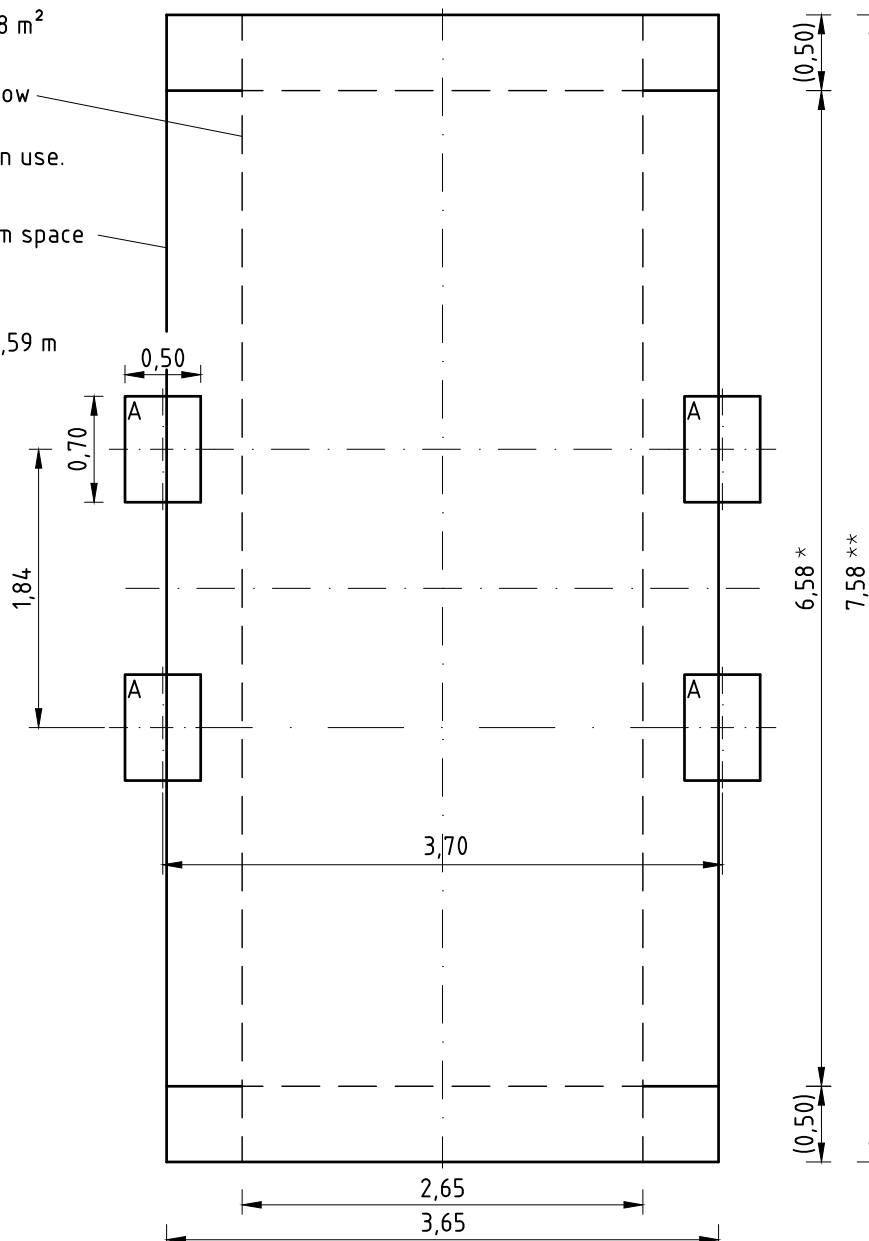
Please take care that all special tools (e.g. special Allen key for secured Allen screws etc.) and all specific documents which are or may be useful for safety management acc. to EN 1176-7 (e.g. invoice, delivery note, order acknowledgement, installation instructions, maintenance instructions) are forwarded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



Impact area (approx. *18 m²
resp. **20 m²). Impact
absorbing surfacing below
swing, according to any
position of swing seat in use.

Minimum space

Free height of fall = 1,59 m



- *) measure for synthetic surfacing with impact absorbing effect, level with the surrounding area (cf. EN 1176-2; 4.10.2.1). Within swinging direction, an additional flush area of 0,50m length free from obstacles must be provided
- **) measure for natural surfacing with impact absorbing effect, normally loose fill (cf. EN 1176-2; 4.10.2.1)