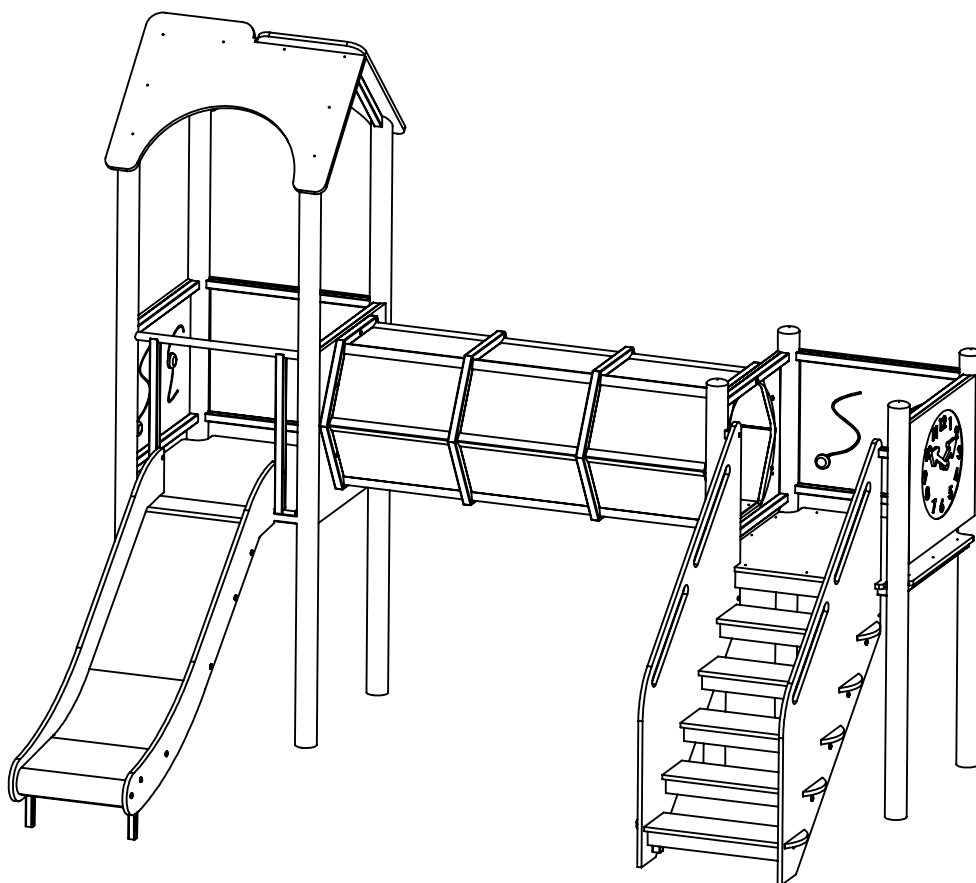


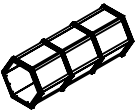






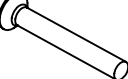


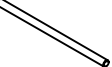



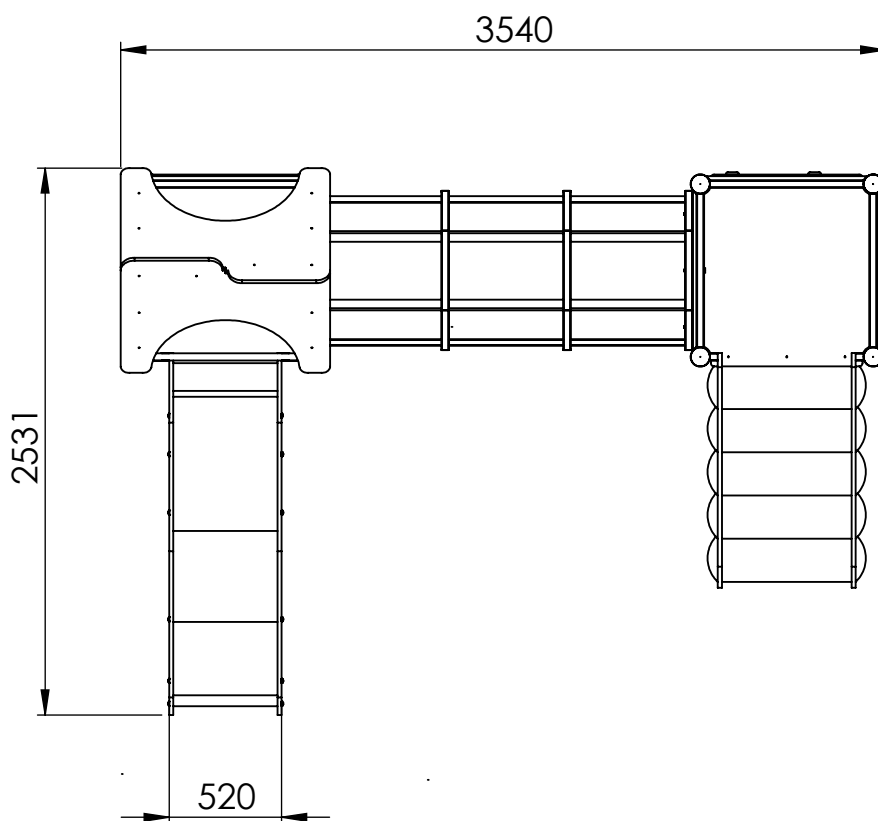
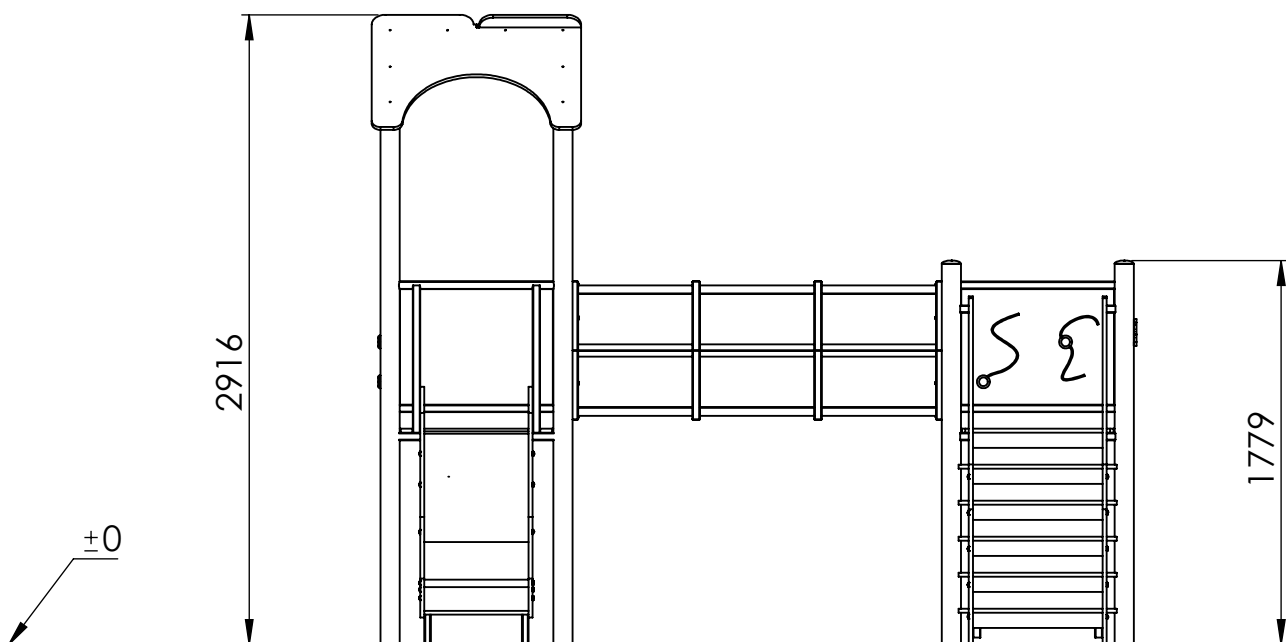


ČSN EN 1176-1.3 ed.2.:2018

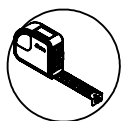
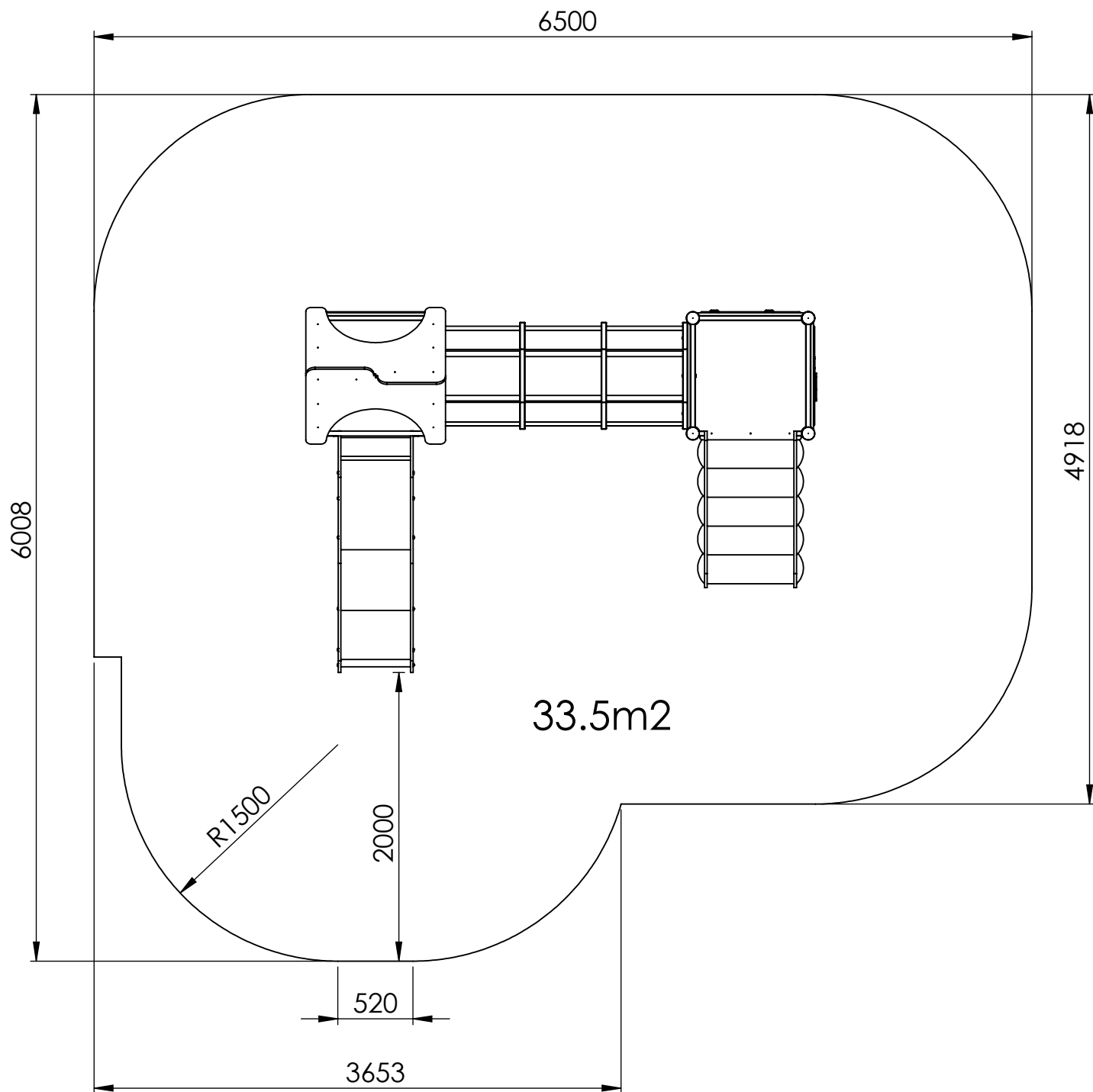


| | | |
|---|----------|------|
| ① | 11139-01 | pcs. |
|  | | 1 |

| | | | | | | | | | | | | | | |
|---|----------|------|---|---------|------|---|--------|------|---|--------|------|---|---------|------|
| ② | 11139-02 | pcs. | ③ | K029 | pcs. | ④ | K033A | pcs. | ⑤ | K027A | pcs. | ⑥ | SM0198 | pcs. |
|  | 1 | |  | 1 | |  | 1,0m | 1 |  | 1 | |  | M8x45 | 8 |
| ⑦ | SM0037 | pcs. | ⑧ | SM0030 | pcs. | ⑨ | SM0033 | pcs. | ⑩ | SM0143 | pcs. | ⑪ | SM0005 | pcs. |
|  | M8x80 | 4 |  | M8x30 | 4 |  | M8x45 | 3 |  | M8x65 | 2 |  | M8x18,5 | 12 |
| ⑫ | SM0045 | pcs. | ⑬ | SM0076 | pcs. | ⑭ | SM0042 | pcs. | ⑮ | SM0101 | pcs. | ⑯ | SM0062 | pcs. |
|  | M8 | 5 |  | M12x250 | 40 |  | M12 | 40 |  | ø13 | 40 |  | ø12,2 | 40 |

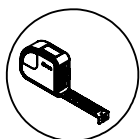
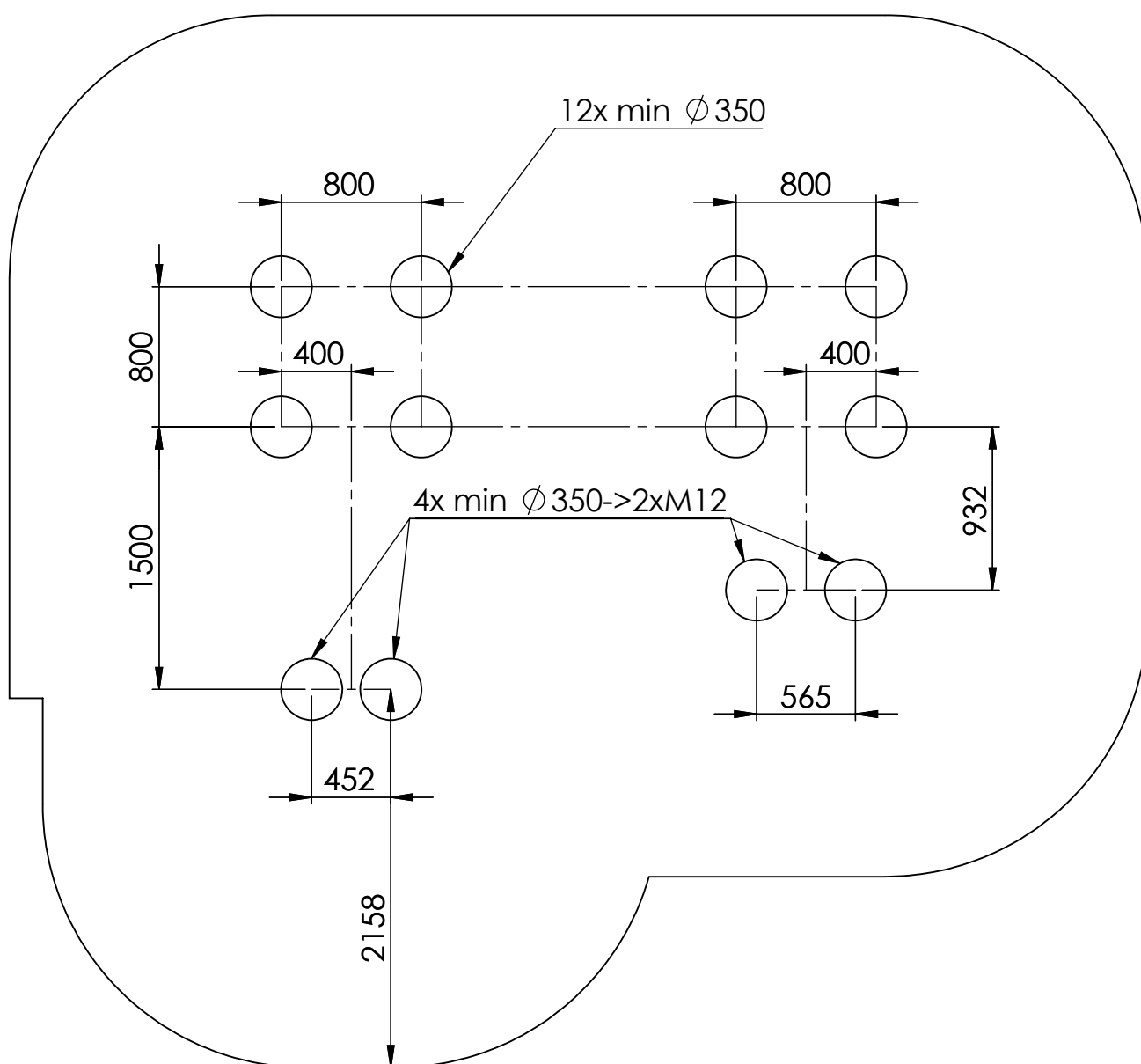


SAFETY ZONE / SICHERHEITSSZONE / OCHRANNÁ ZONA



FOOTING DIAGRAM / FUNDAMENTDIAGRAMM / ROZMÍSTĚNÍ PATEK

8x min $\varnothing 350 \rightarrow 4 \times M12$
4x min $\varnothing 350 \rightarrow 2 \times M12$



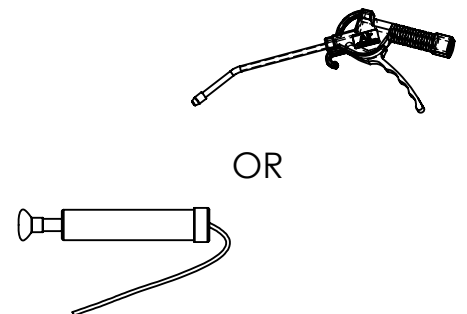
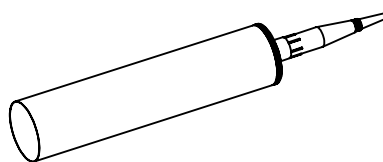
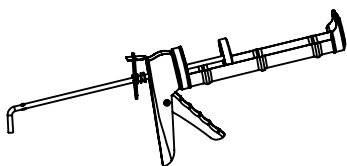
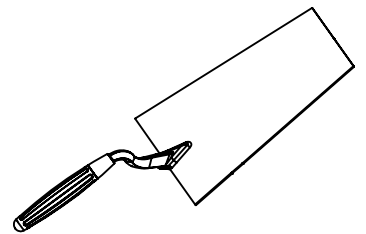
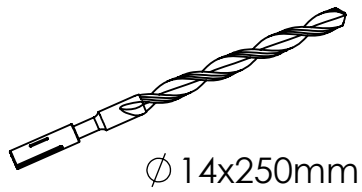
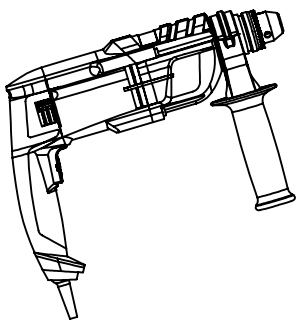
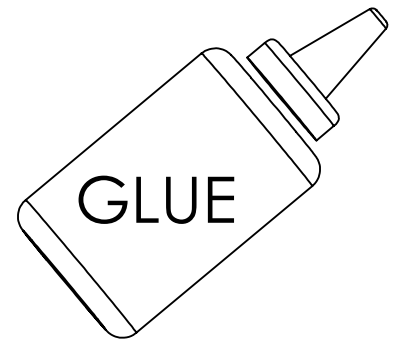
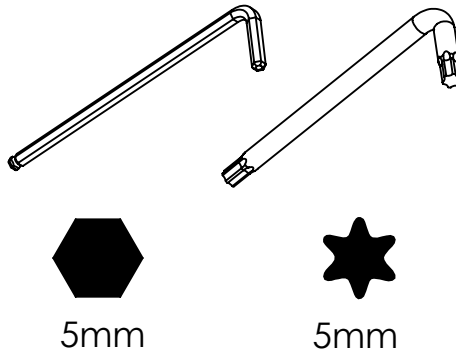
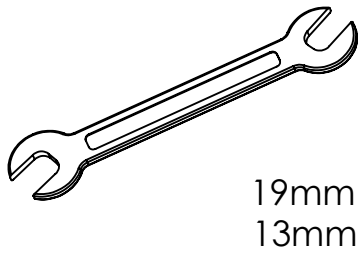
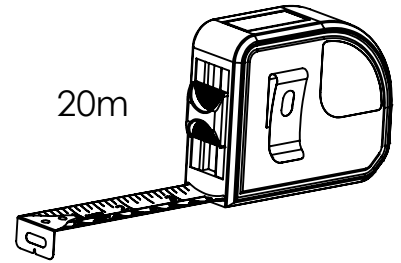
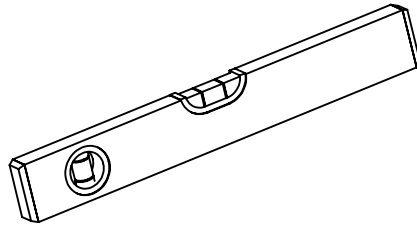
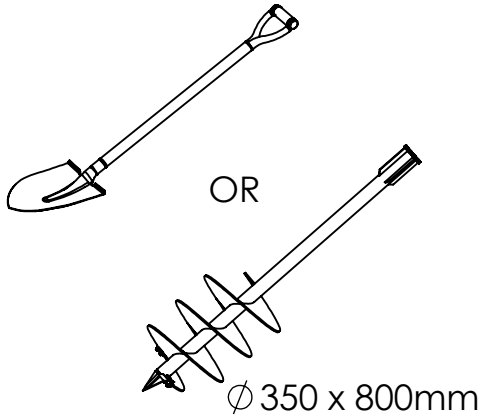
EN: Examples of commonly used impact attenuating materials and corresponding critical fall heights.
 DE: Beispiele für häufig verwendete stoßdämpfende Materialien und entsprechende kritische Fallhöhen.
 CZ: Příklady běžně používaných materiálů pro tlumení nárazů a odpovídající kritické výšky pádu.

| Material* Bodenmaterial* Materiál* | Description Beschreibung Popis (mm) | Minimum dept Mindestschichtdicke Minimální tloušťka (mm) ** | Maximum height of fall Fallhöhe Kritická výška pádu (mm) |
|---|---|--|---|
| Turf/Topsoil Rasen Oberschicht Trávník/udusaný povrch | - | - | ≤1000 |
| Bark Rindenmulch Kůra | 20 to 80 Grain size Korngröße Velikost zrna | 200 | ≤2000 |
| | | 300 | ≤3000 |
| Woodchip Holzschnitzel Dřevěné třísky | 5 to 30 Grain size Korngröße Velikost zrna | 200 | ≤2000 |
| | | 300 | ≤3000 |
| Sand / Gravel*** Sand oder Kies*** Písek / štěrk*** | 0,25 to 8 Grain size Korngröße Velikost zrna | 200 | ≤2000 |
| | | 300 | ≤3000 |
| Other materials Andere Materialien Další materiály | As tested to HIC/ Nach HIC/ Dle HIC | | Critical fall height as tested Kritische Fallhöhe im Test Kritická výška pádu dle zkoušek |

* EN: Materials properly prepared for use in childrens playgrounds
 DE: Materialien, die für die Verwendung auf Kinderspielflächen geeignet sind
 CZ: Materiály řádně upravené pro použití na dětských hřištích

** EN: For loose particulate material, add 100 mm to the minimum depth to compensate for displacement
 DE: Bei losem Schüttmaterial sind 100 mm zu Mindestschichtdicke hinzufügen, um den Wegspieffekt zu kompensieren
 CZ: U sypkých částic přidejte 100 mm k minimální hloubce na vyrovnání způsobené přesouváním materiálu

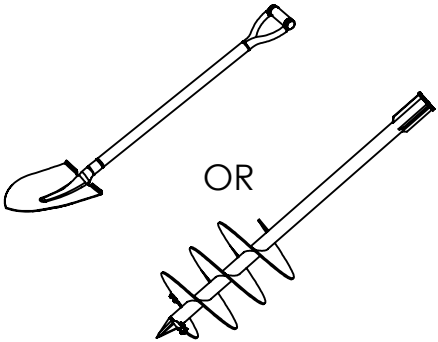
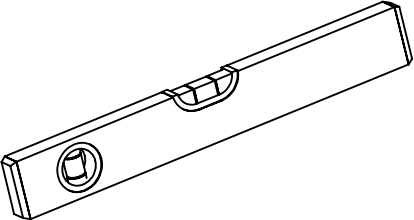
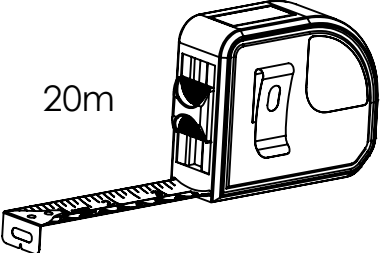
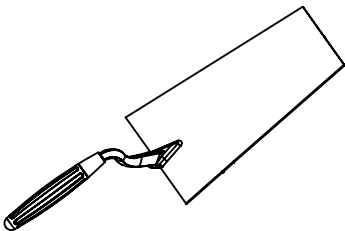
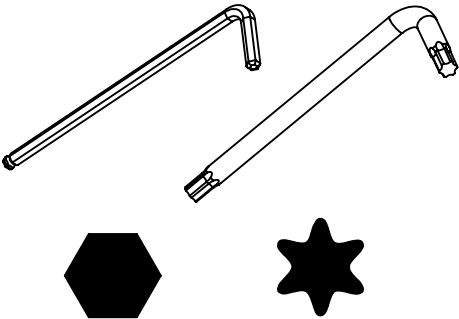

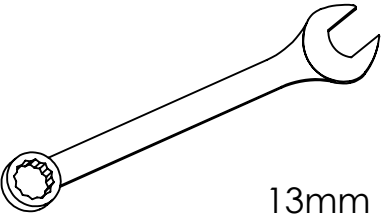
*** EN: No silty or clay particles EN 933-1
 DE: Keine Schluff- oder Tonpartikel EN 933-1
 CZ: Žádné částice bahna nebo jílu EN 933-1



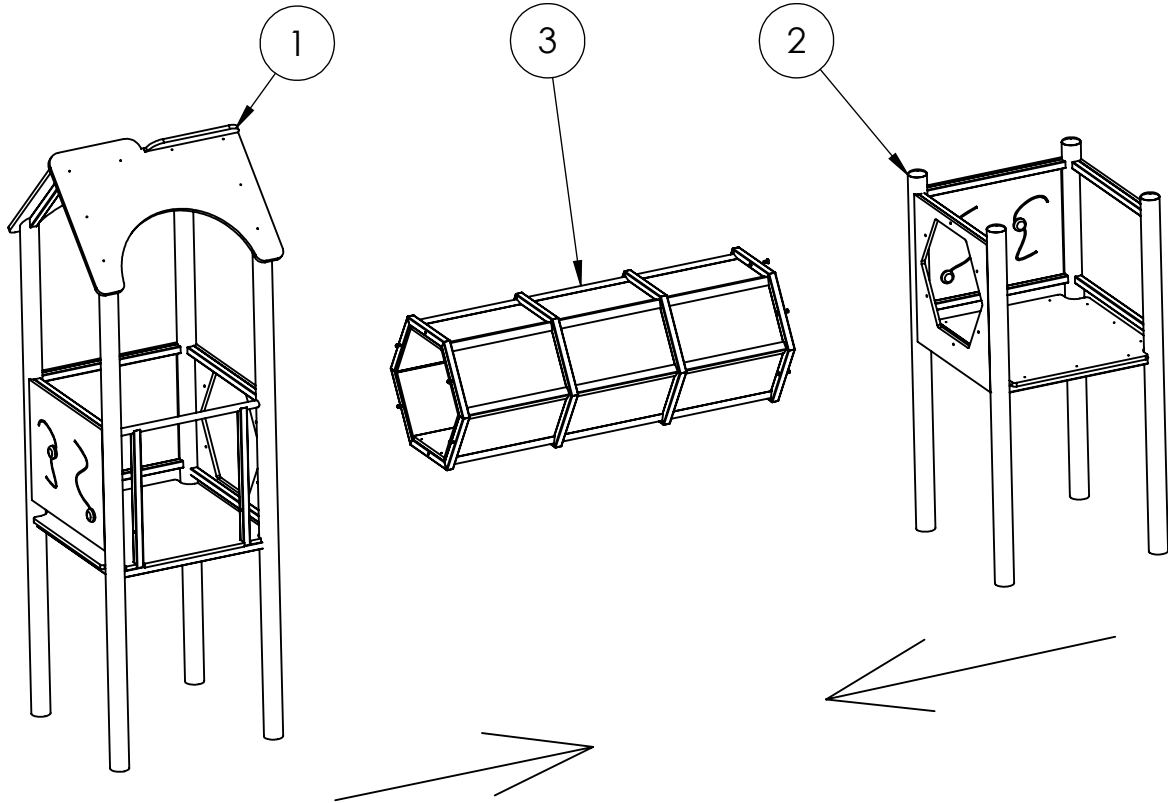
CHEMICAL ANCHOR GUN

CHEMICAL ANCHOR

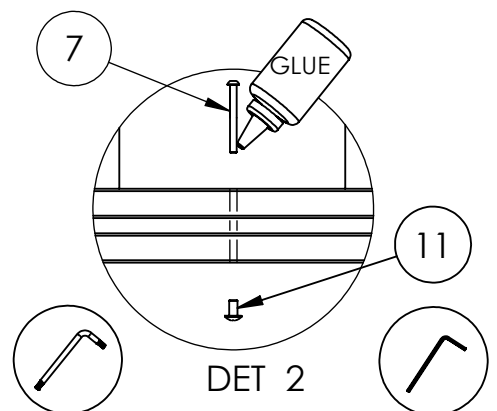
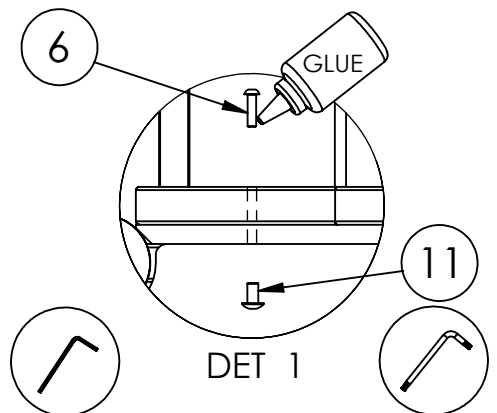
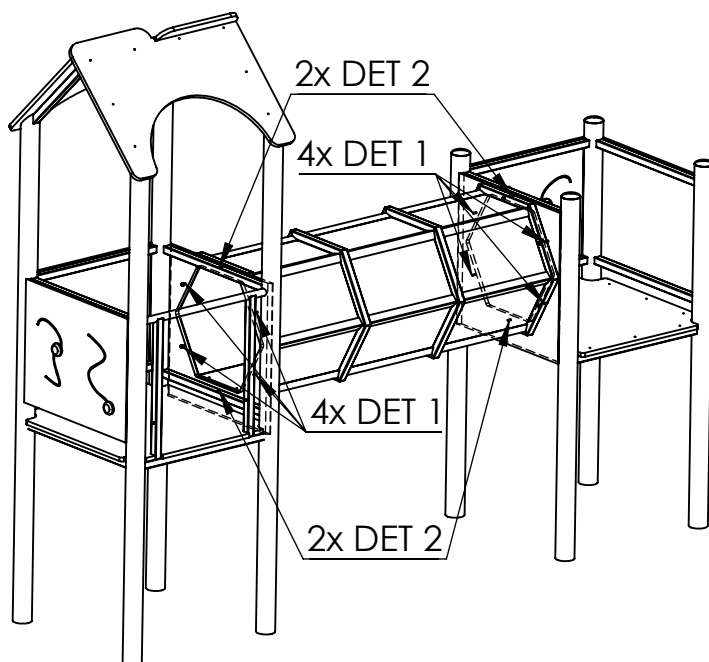
AIR PUMP/ AIR GUN

| | | |
|---|---|--|
|  <p>OR</p> <p>Ø 350 x 800mm</p> |  |  <p>20m</p> |
|  |  <p>5mm</p> <p>5mm</p> |  <p>GLUE</p> |
|  <p>13mm</p> | | |
| | | |

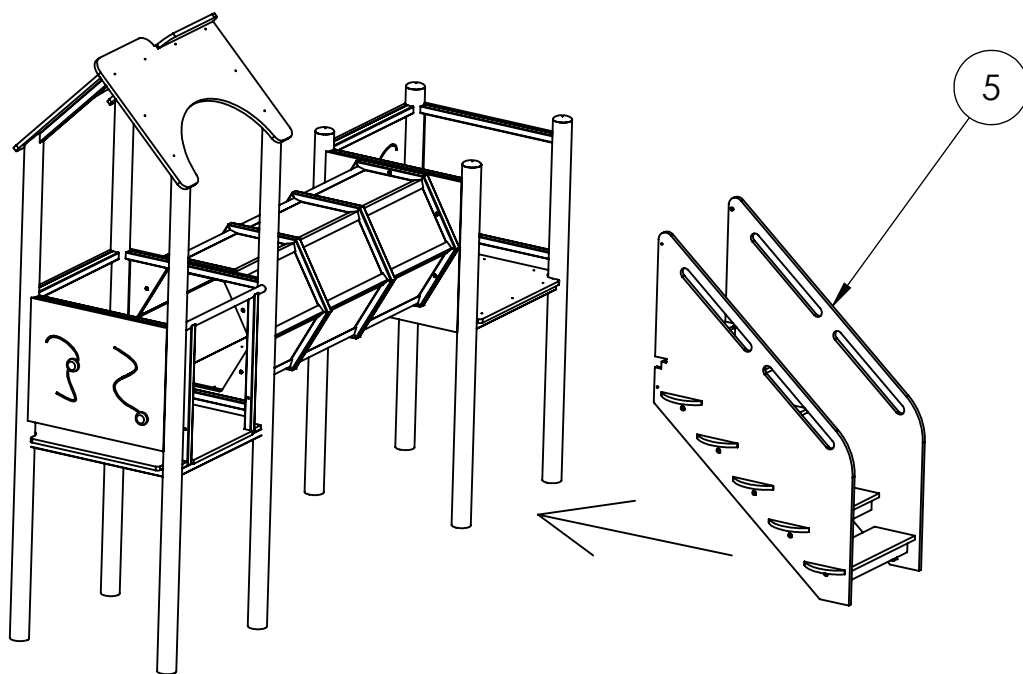
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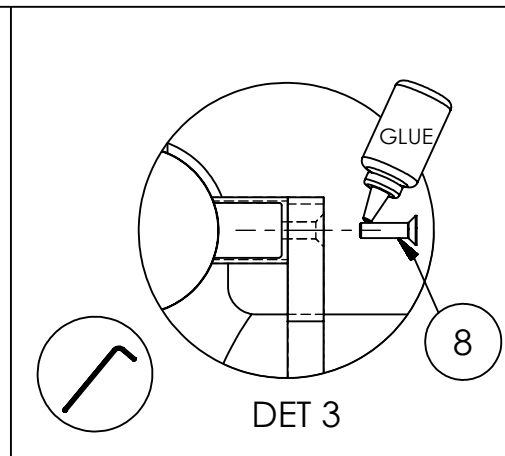
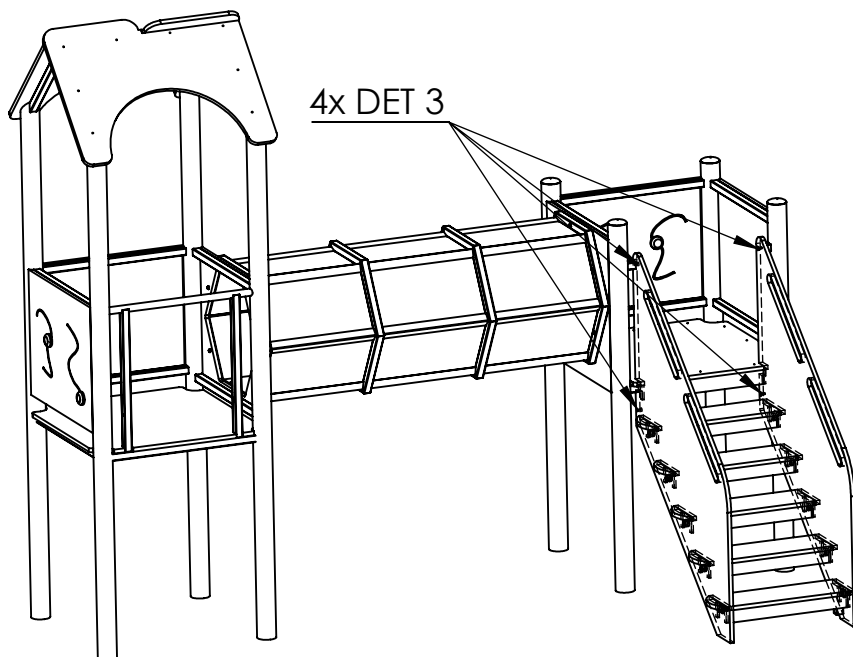
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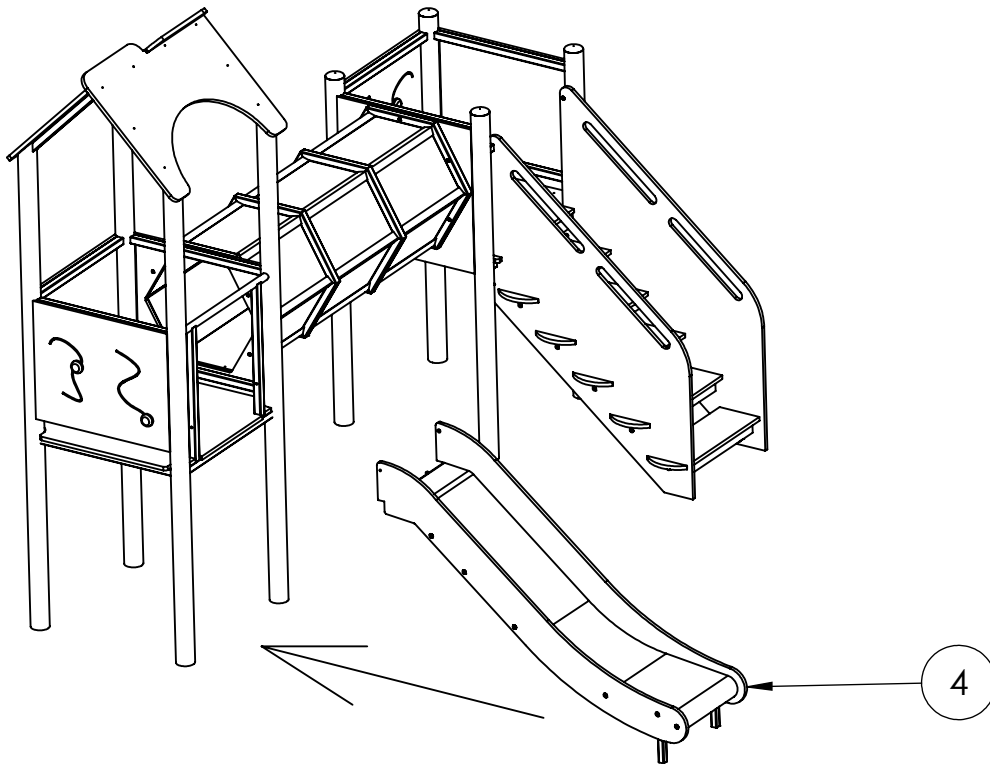
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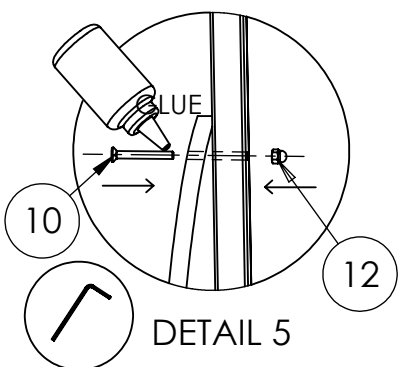
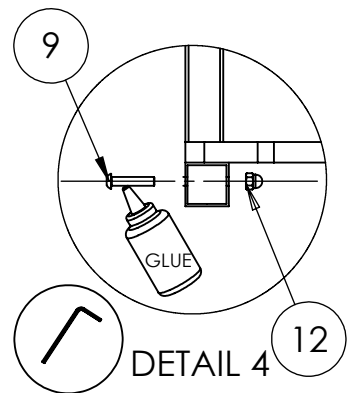
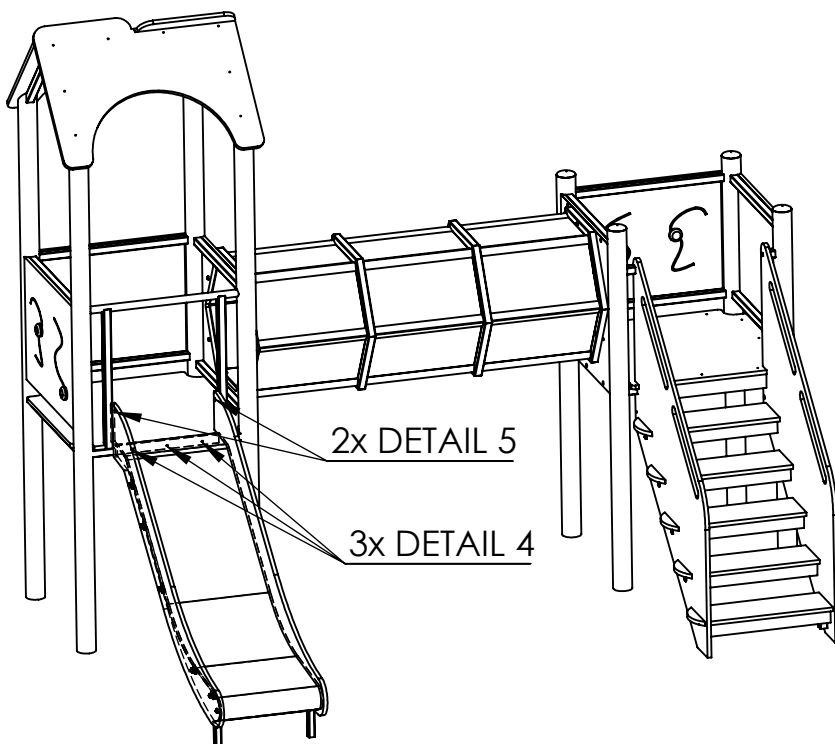
4.



5.



6.





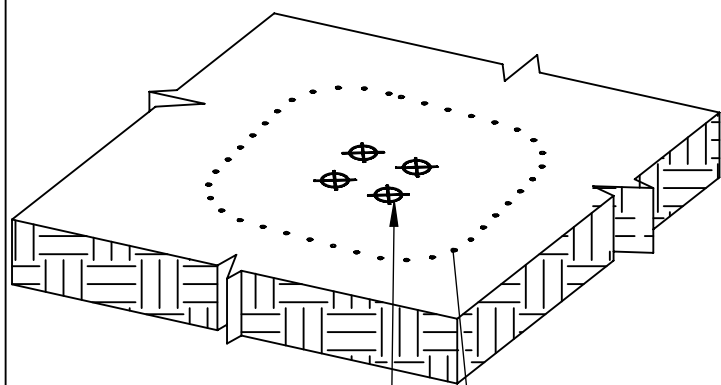
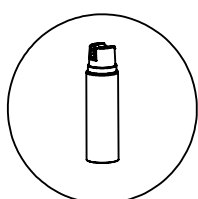
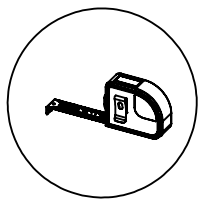
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Var A, B

11(16)

I.



FOOTING DIAGRAM

(PAGE 4)

SAFETY ZONE

(PAGE 3)

II.

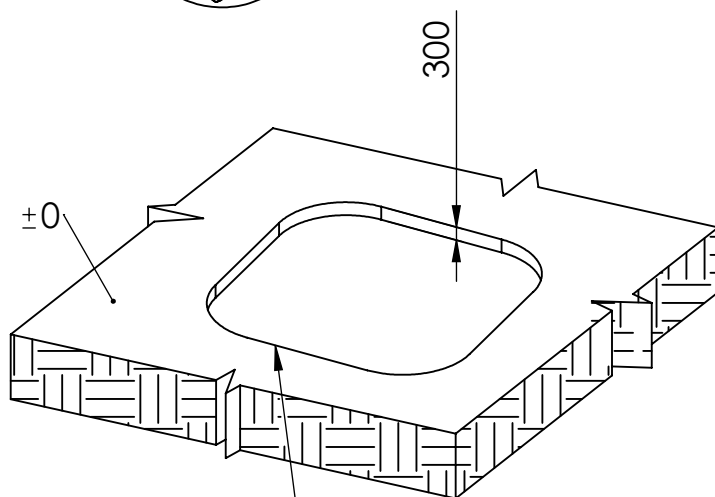
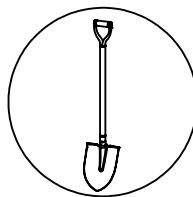
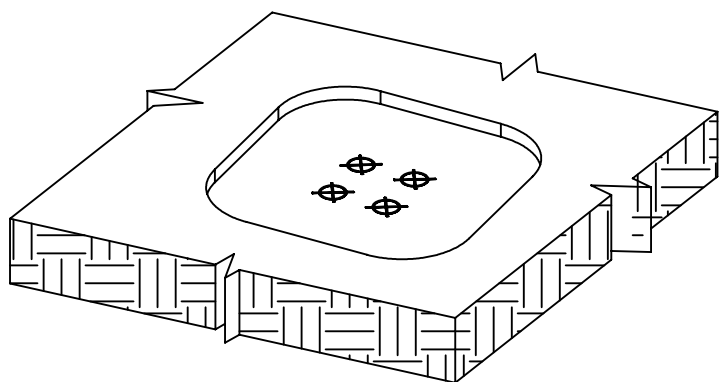
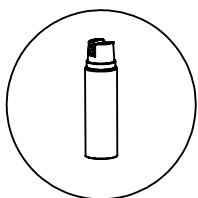
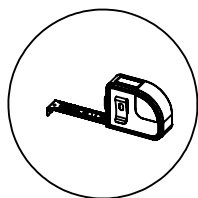


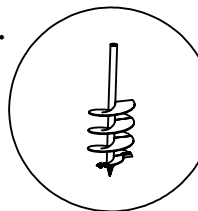
TABLE nr.1

(PAGE 5)

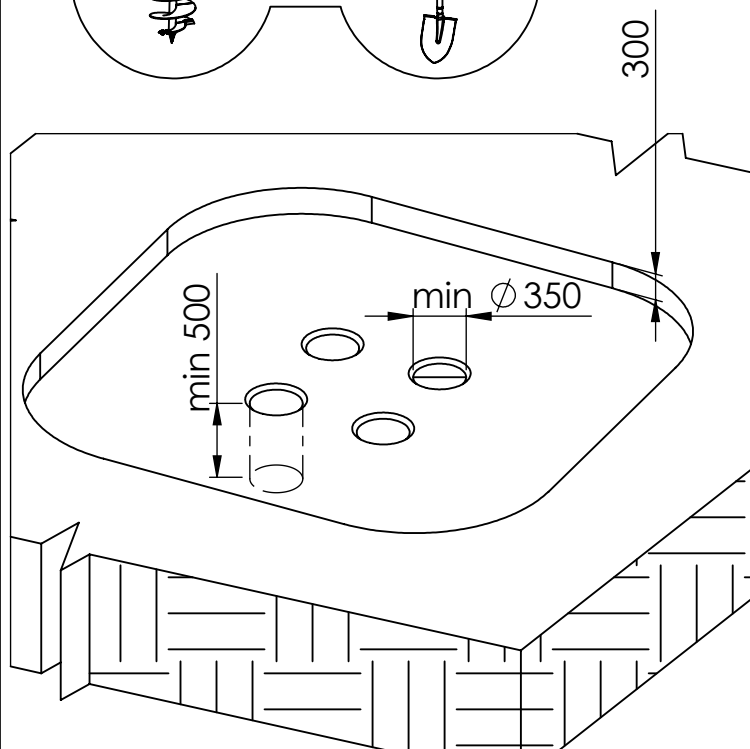
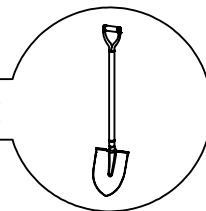
III.



IV.



OR





var A, B

12(16)

C20/25

var A) or var B) DETAIL (PAGE 13)

The drawing consists of two parts. The upper part is a side-view line drawing of a concrete mixer truck. A label 'C20/25' is placed near the truck's discharge chute. A curved arrow originates from this label and points to a detail of a concrete slab. The lower part is a 3D perspective line drawing of a rectangular concrete slab with a central circular recessed area. Inside this recessed area are five small circles arranged in a cross pattern. A straight arrow points from the text 'var A) or var B) DETAIL (PAGE 13)' to one of these small circles. The entire drawing is a technical line drawing with no shading or color.

Technical drawing of a cylindrical specimen. The specimen is labeled C20/25 and has a diameter of $\phi 350$. The base plate is 250 high and 500 in diameter. A vertical rod passes through the center, with a section labeled P.L. and a height of 250. The base plate is supported by four vertical rods.

Technical drawing of a vertical specimen for a pull-out test. The specimen consists of a cylindrical concrete part and a central steel rod.

- Concrete Specimen:**
 - Material: C20/25
 - Diameter: $\varnothing 350$
 - Height: 500
- Steel Rod:**
 - Material: P.L. (Pull-out Load)
 - Diameter: 25
 - Length: 250

The drawing shows the rod embedded in the concrete. The concrete is labeled C20/25. The steel rod is labeled P.L. The dimensions 250 and 500 are indicated for the rod length and concrete height, respectively. The diameter of the concrete is $\varnothing 350$.



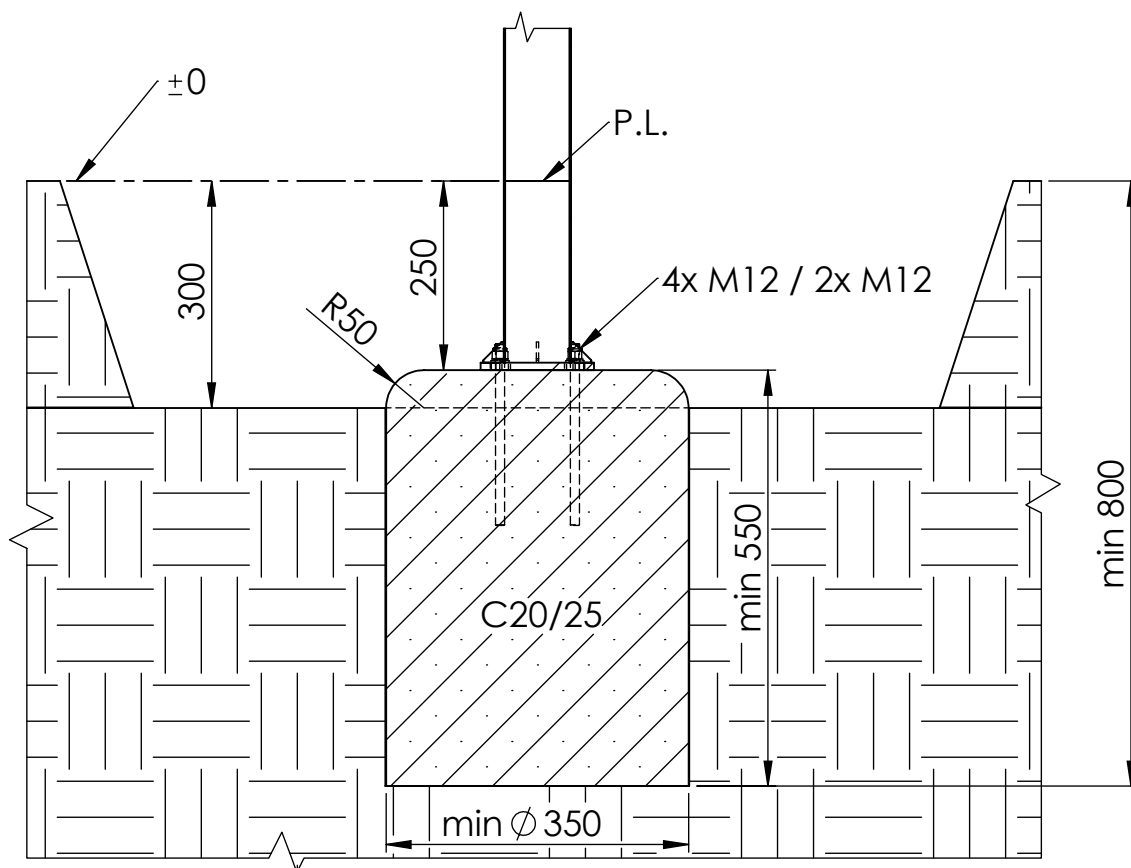
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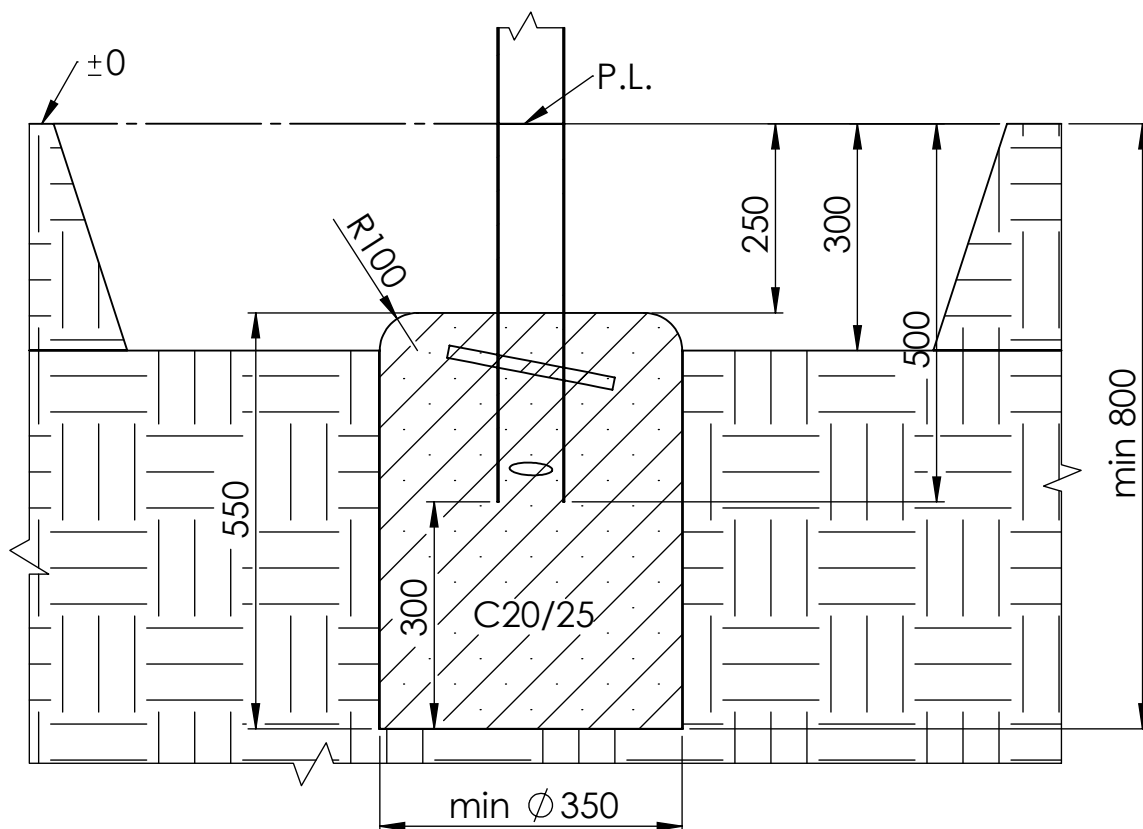
Var A, B

13(16)

DETAIL 1
var A)

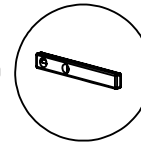
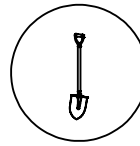
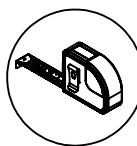
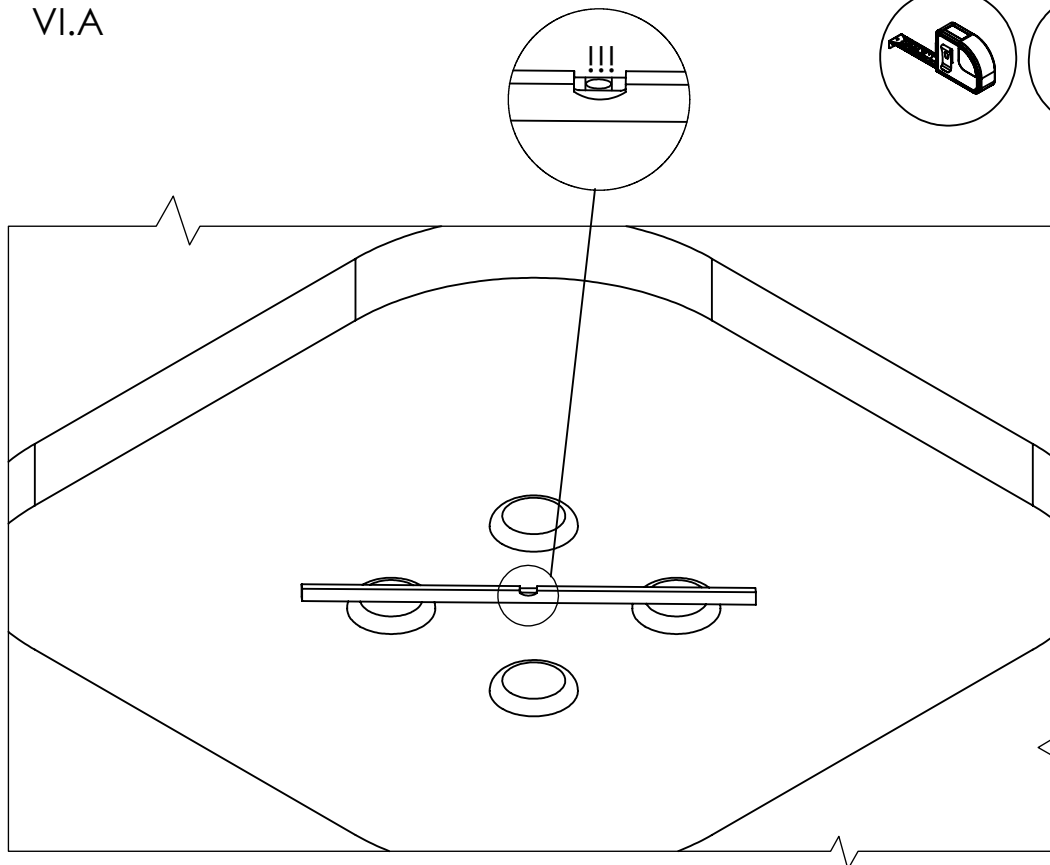


DETAIL 2
var B)

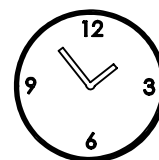


P.L..play level

VI.A



VII.A

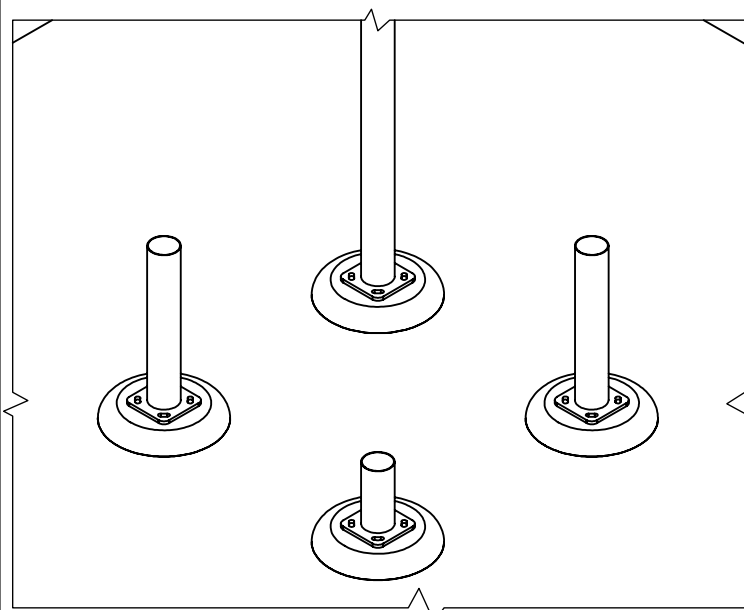
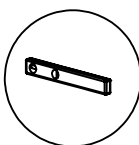


Ripening time according to the regulations of the concrete producer.

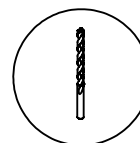
Reifezeit nach Hinweisen des Betonherstellers.

Doba tvrdnutí podle předpisů výrobce betonu.

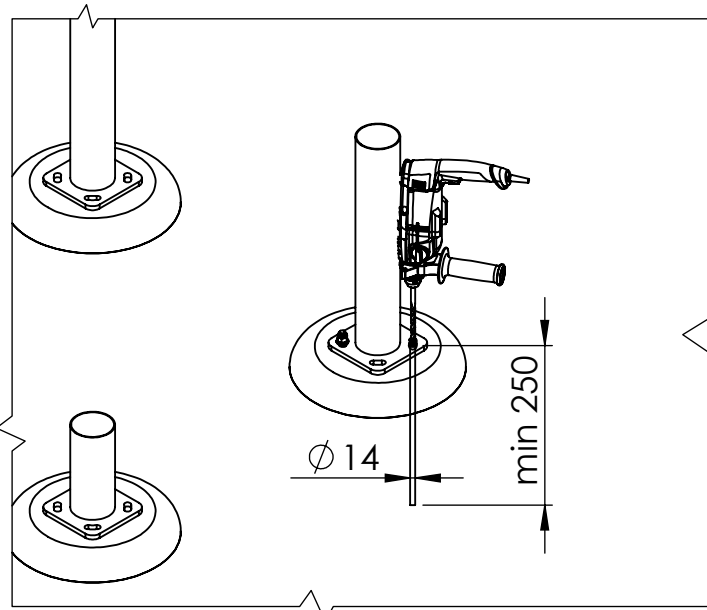
VIII.A



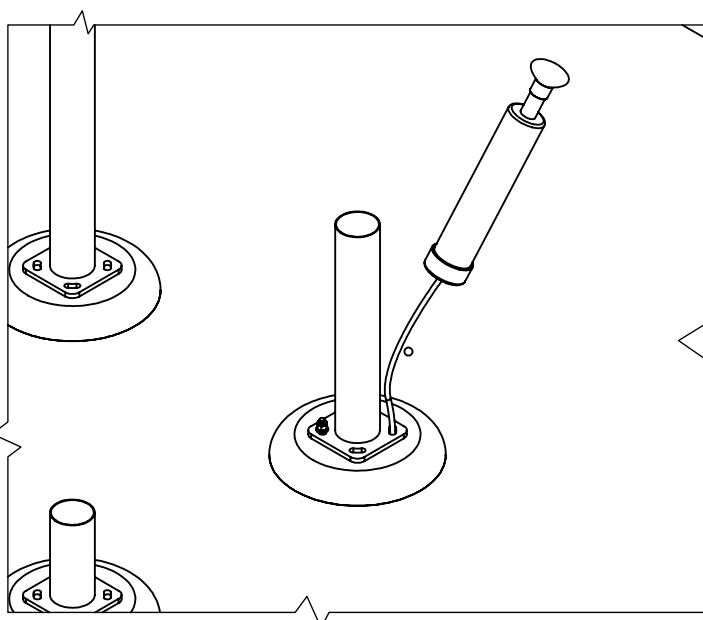
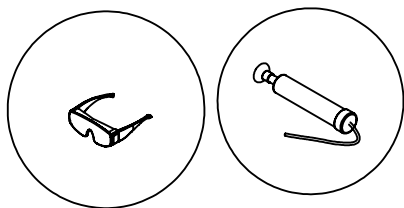
IX.A



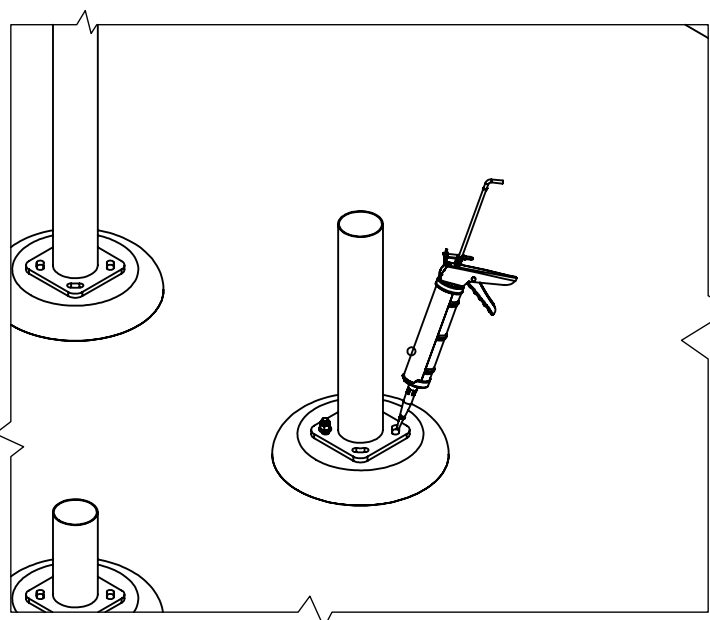
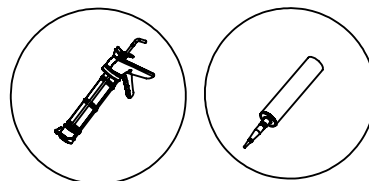
Ø 14 x 250



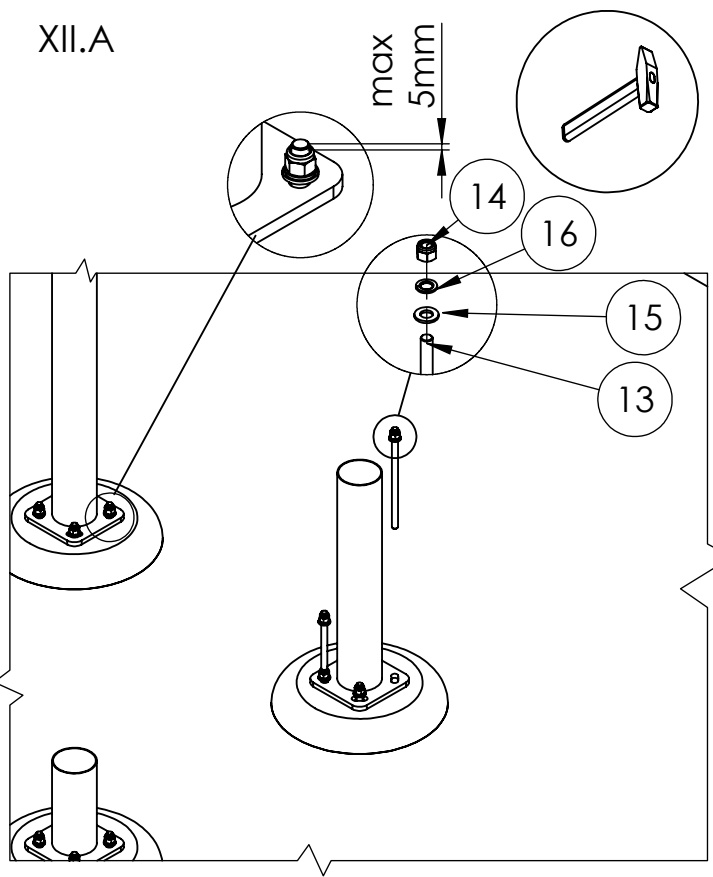
X.A



XI.A

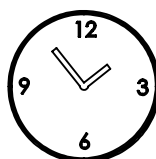


XII.A



XIII.A

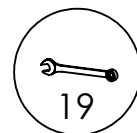
Ripening time defined by the chemical anchor manufacturer.



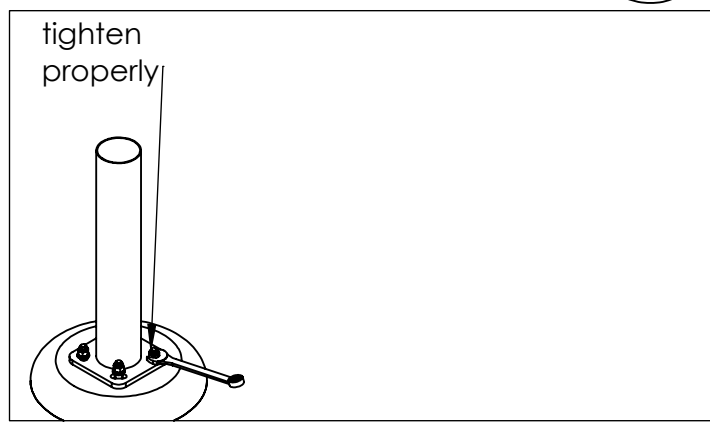
Reifezeit nach dem Hersteller des chemischen Ankers.

Doba tvrdnutí předepsaná výrobcem betonu.

XIV.A.



tighten properly





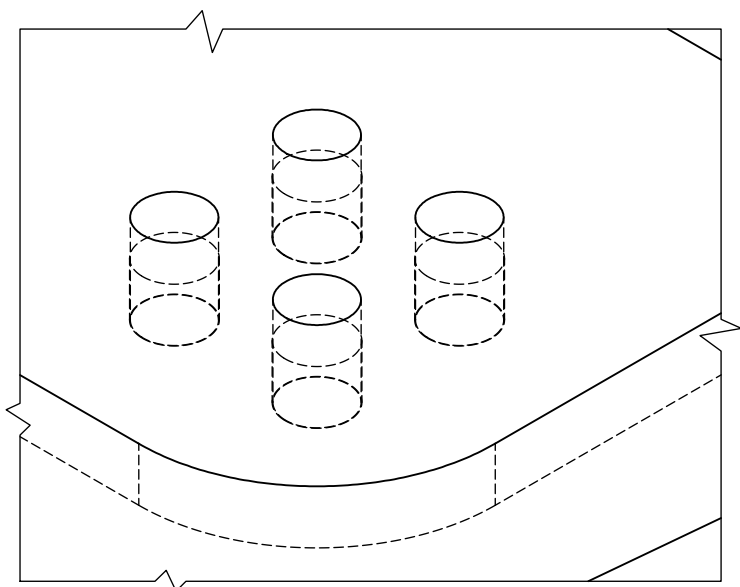
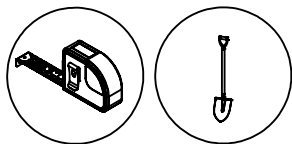
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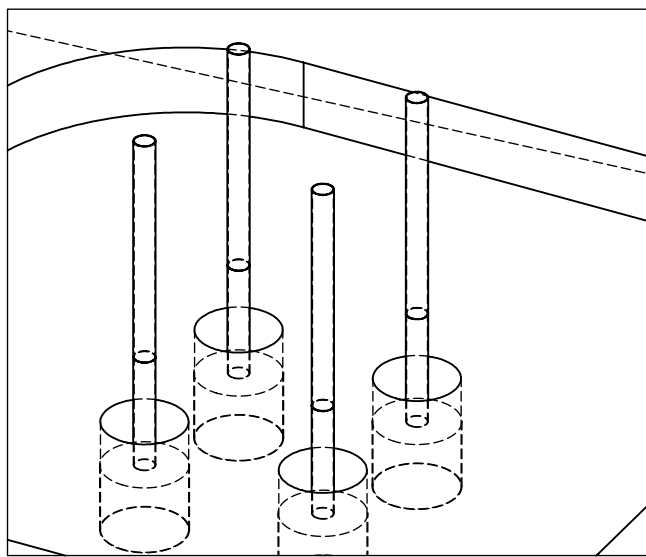
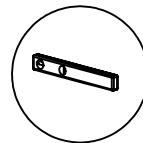
var B

16(16)

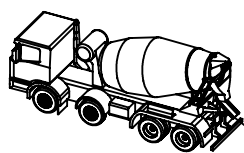
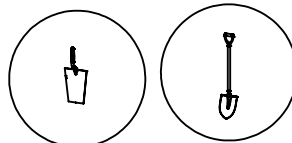
VI.B.



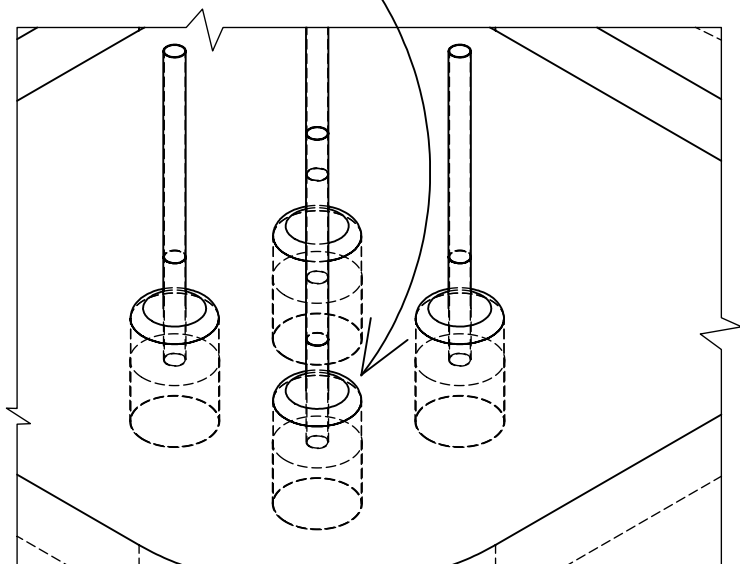
VII.B.



VIII.B.

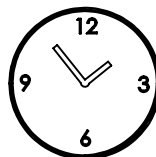


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IX.B.

Ripening time according to the regulations of the concrete producer.



Reifezeit nach Hinweisen des Betonherstellers.

Doba tvrdnutí předepsaná výrobcem betonu.

