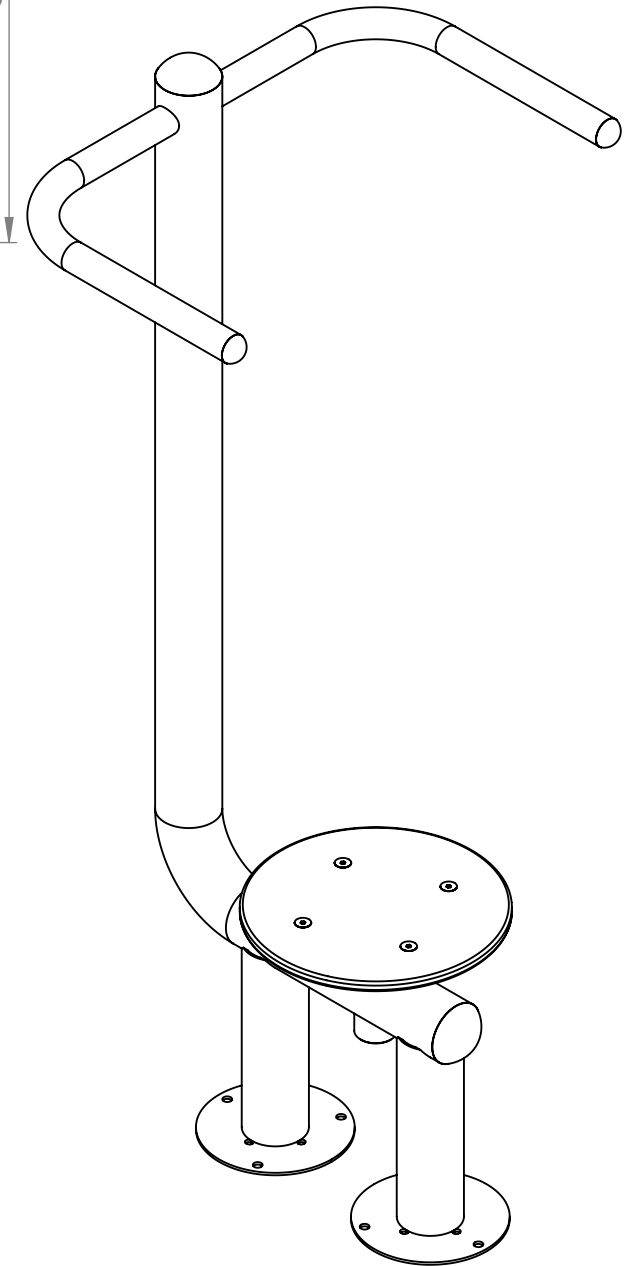
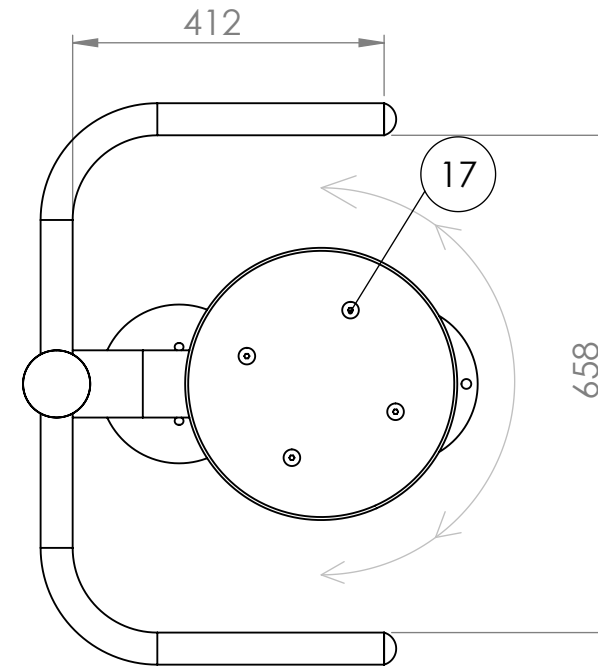
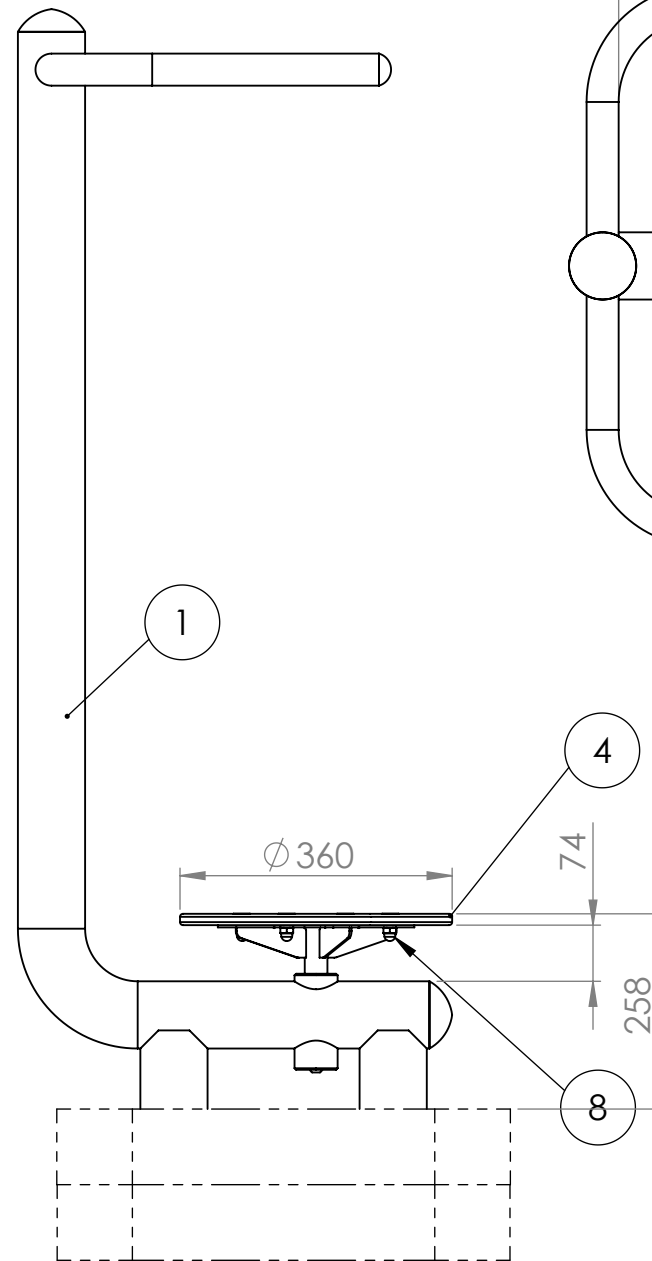
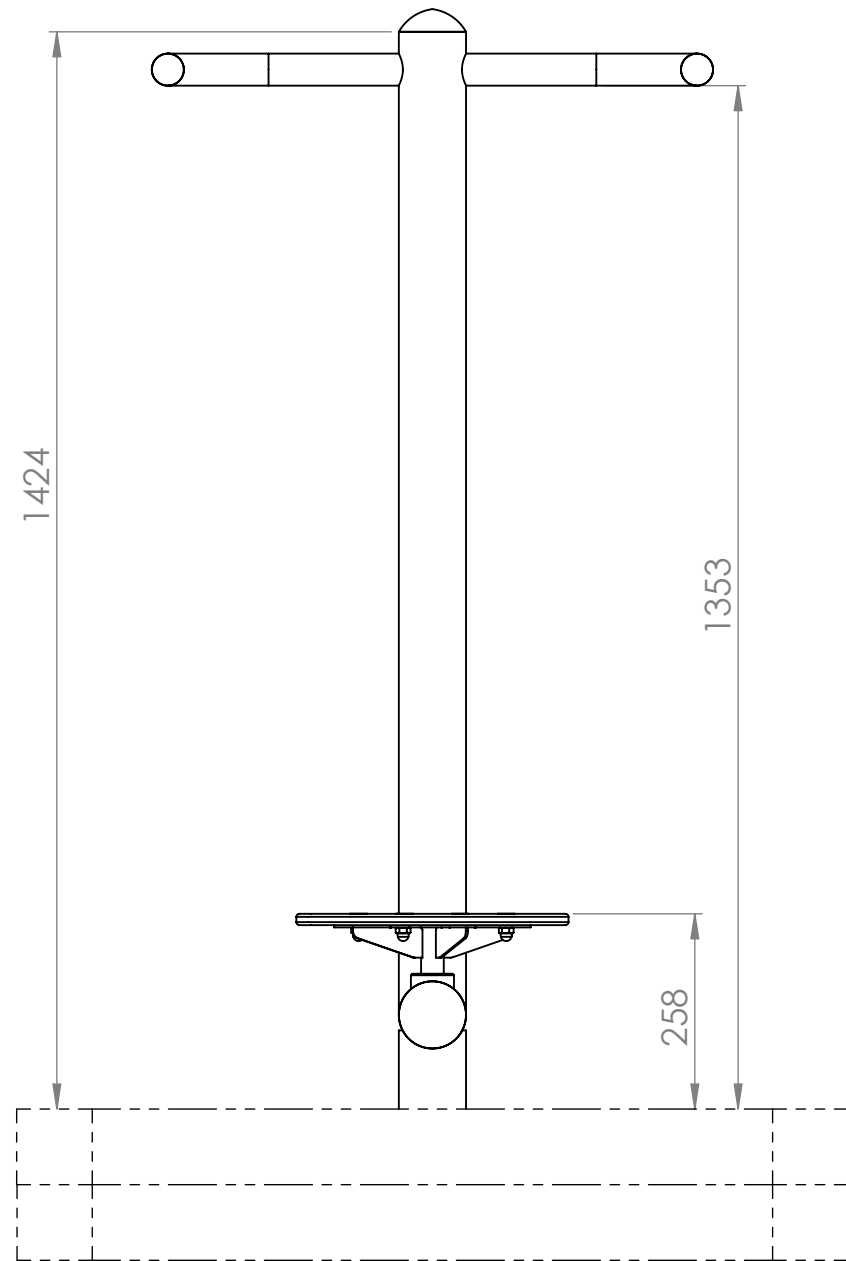




| POS. | NUMBER            | PCS | NAME                  | REV.  | MATERIAL                   |
|------|-------------------|-----|-----------------------|-------|----------------------------|
| 1    | 20-07176          | 1   | Support               | A00   |                            |
| 2    | 20-07254          | 1   | Support D30 d-17      | A00   |                            |
| 3    | 10-00162          | 1   | D47/d17               |       |                            |
| 4    | 10-07179          | 1   | Plate 15 mm           | A00   | Elastodur Non-slip surface |
| 5    | 00-07251          | 1   | 30303-A 17x47         | A00   | SKF                        |
| 6    | M14_d15_(DIN9021) | 1   | Flat washer DIN9021   | Würth | 8.8U                       |
| 7    | M10_30(ISO 7380)  | 1   |                       |       |                            |
| 8    | M10 (DIN 1587)    | 4   | Nuts M16 DIN DIN 1587 | Würth | 8.8U                       |
| 9    | M10_d11           | 1   | Washer D=11           | Würth | 8.8U                       |
| 10   | M10x30            | 4   | Bolt DIN_7991         | A00   | 1.0570 (S355J2G3)          |

|                               |  |                       |                  |
|-------------------------------|--|-----------------------|------------------|
| Surface coating               |  | Total NDT 100mkm      |                  |
| Painting                      |  | ZN(R) primer - 50 mkm | Topcoat - 50 mkm |
| Hot dip galvanizing           |  | HDG acc. ISO 1461     |                  |
| Other                         |  |                       |                  |
| Revision                      |  | Date                  |                  |
| No                            |  |                       |                  |
| A06                           |  |                       |                  |
| A05                           |  |                       |                  |
| A04                           |  |                       |                  |
| A03                           |  |                       |                  |
| A02                           |  |                       |                  |
| A01                           |  |                       |                  |
| DIN / ISO                     |  | Class                 |                  |
| Welding                       |  | DIN EN ISO 13920      | BF               |
| Stamped steel parts           |  | DIN 6930              | g                |
| LINEAR AND ANGULAR DIMENSIONS |  | DIN ISO 2768          | CL               |
| Material:                     |  | SCALE:1:10            |                  |
| Name:                         |  | Core twister          |                  |
| Drawing No:                   |  | 20-07175              |                  |
| Surf.Area                     |  | 2.22                  |                  |
| Mass                          |  | 27.22                 |                  |
| A00                           |  | A3                    |                  |
|                               |  | MO                    |                  |
| Sheet 1 of 3                  |  |                       |                  |

The ground surfacing has to be made in accordance with EN1176,EN16630.

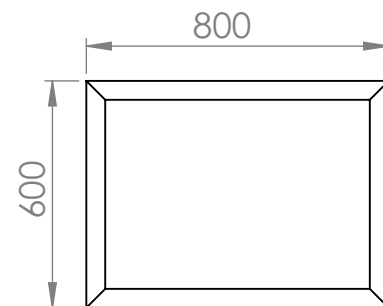
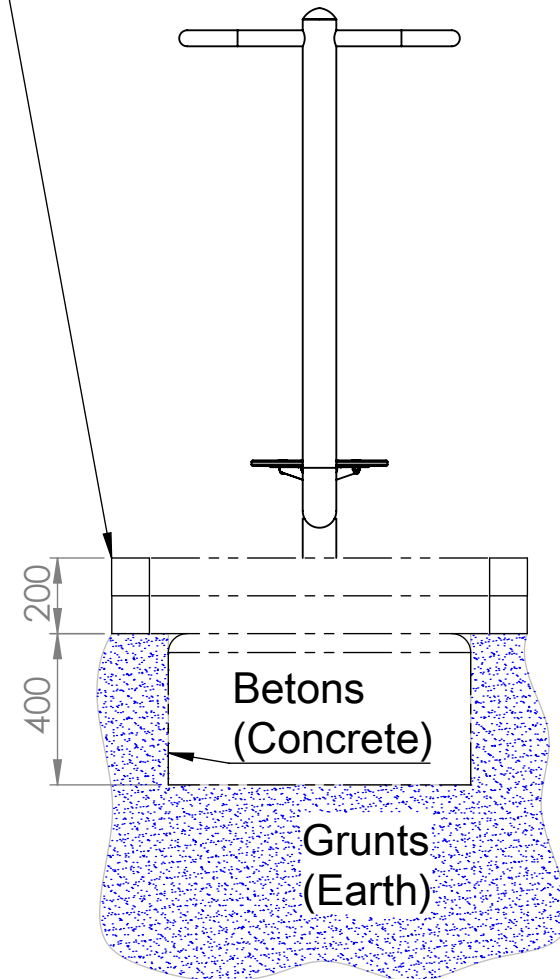


Table I.1 — Materials in dependence of permissible free heights of fall

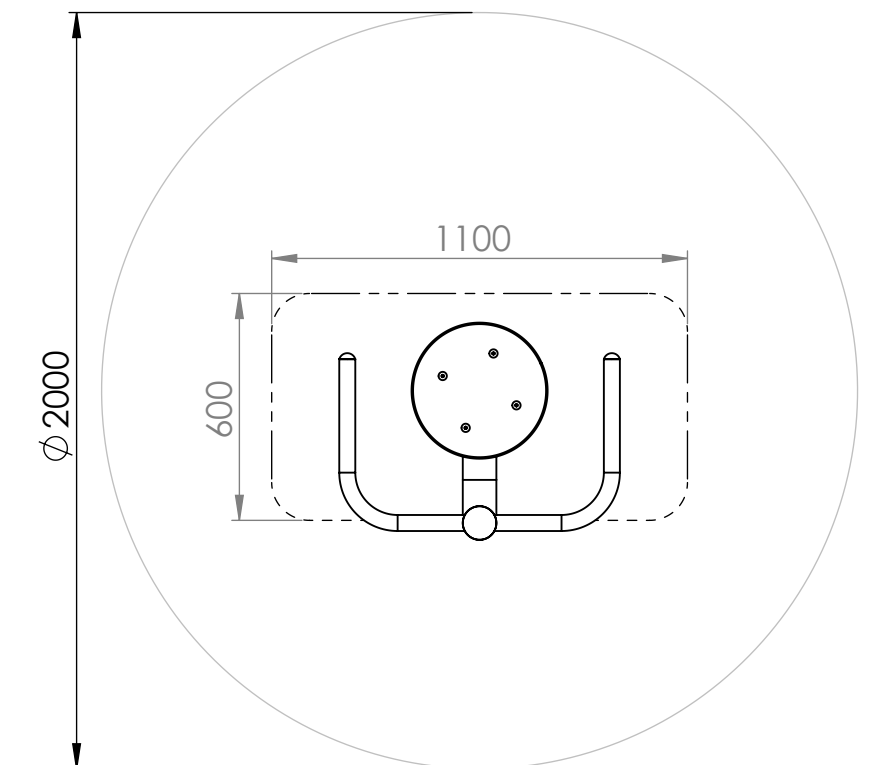
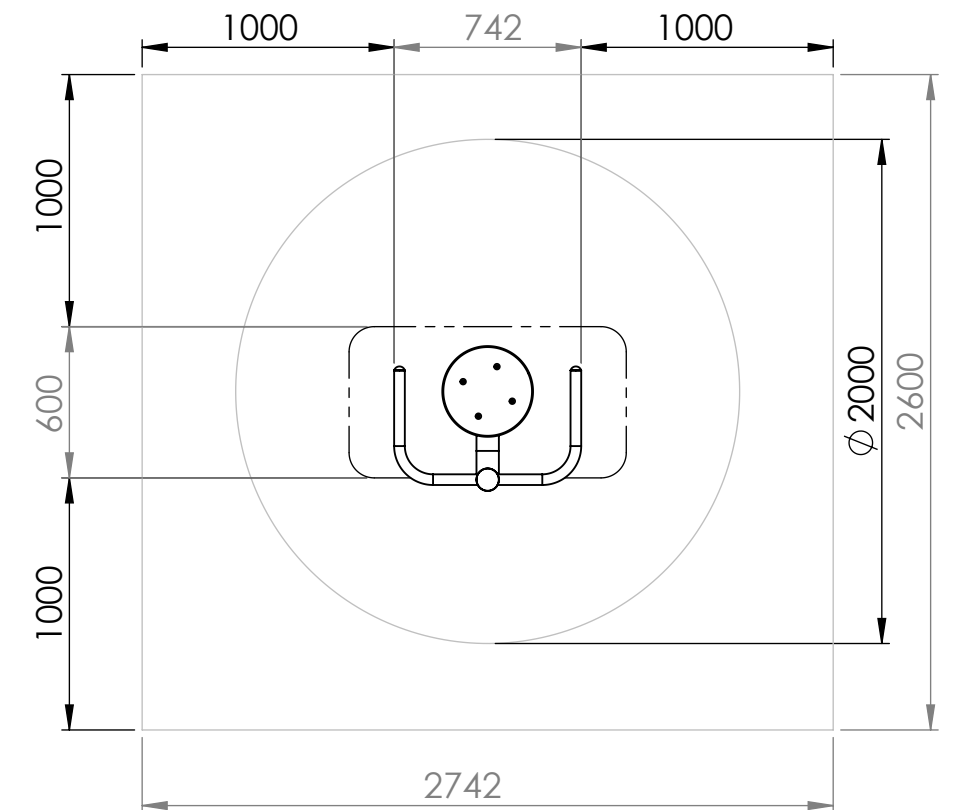
| No. | Surfacing material <sup>a</sup>      | Description                                                                                                     | Minimum layer thicknesses <sup>b</sup><br>mm | Maximum height of fall<br>mm   |
|-----|--------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|
| 1   | concrete/stone                       | —                                                                                                               | —                                            | ≤ 600                          |
| 2   | bituminous surfacing                 | —                                                                                                               | —                                            | ≤ 600                          |
| 3   | topsoil                              | —                                                                                                               | —                                            | ≤ 1 000                        |
| 4   | turf                                 | —                                                                                                               | —                                            | ≤ 1 500 <sup>d</sup>           |
| 5   | Bark mulch                           | 20 mm to 80 mm grain size<br>broken bark of conifers                                                            | 200                                          | ≤ 2 000                        |
|     |                                      |                                                                                                                 | 300                                          | ≤ 3 000                        |
| 6   | wood chips                           | mechanically shredded wood (no wood based materials) without bark and leaf components, grain size 5 mm to 30 mm | 200                                          | ≤ 2 000                        |
|     |                                      |                                                                                                                 | 300                                          | ≤ 3 000                        |
| 7   | sand <sup>c</sup>                    | grain size 0,2 mm to 2 mm                                                                                       | 200                                          | ≤ 2 000                        |
|     |                                      |                                                                                                                 | 300                                          | ≤ 3 000                        |
| 8   | gravel <sup>c</sup>                  | grain size 2 mm to 8 mm                                                                                         | 200                                          | ≤ 2 000                        |
|     |                                      |                                                                                                                 | 300                                          | ≤ 3 000                        |
| 9   | other materials or other thicknesses | according to HIC test (see EN 1177)                                                                             | —                                            | Critical fall height as tested |

<sup>a</sup> Properly prepared surfacing material for use in children's playgrounds.

<sup>b</sup> For loose particulate material, 100 mm are to be added to the minimum depth to compensate for displacement (see 4.2.8.5.1).

<sup>c</sup> No silty or clay particles. Grain size can be identified by use of a sieve test, such as EN 933-1.

<sup>d</sup> See 4.2.8.5.2, NOTE 2.



|                               |      |                       |                  |
|-------------------------------|------|-----------------------|------------------|
| Surface coating               |      | Total NDT 100mkm      |                  |
| Painting                      |      | ZN(R) primer - 50 mkm | Topcoat - 50 mkm |
| Hot dip galvanizing           |      | HDG acc. ISO 1461     |                  |
| Other                         |      |                       |                  |
| Revision                      | Date |                       |                  |
| No                            |      |                       |                  |
| A06                           |      |                       |                  |
| A05                           |      |                       |                  |
| A04                           |      |                       |                  |
| A03                           |      |                       |                  |
| A02                           |      |                       |                  |
| A01                           |      |                       |                  |
| DIN / ISO                     |      | Class                 |                  |
| Welding                       |      | DIN EN ISO 13920      | BF               |
| Stamped steel parts           |      | DIN 6930              | g                |
| LINEAR AND ANGULAR DIMENSIONS |      | DIN ISO 2768          | CL               |
| Material:                     |      | SCALE:1:20            |                  |
| Surface coating               |      | Total NDT 100mkm      |                  |
| Painting                      |      | ZN(R) primer - 50 mkm |                  |
| Hot dip galvanizing           |      | HDG acc. ISO 1461     |                  |
| Other                         |      |                       |                  |
| Revision                      |      |                       |                  |
| No                            |      |                       |                  |
| A06                           |      |                       |                  |
| A05                           |      |                       |                  |
| A04                           |      |                       |                  |
| A03                           |      |                       |                  |
| A02                           |      |                       |                  |
| A01                           |      |                       |                  |
| DIN / ISO                     |      | Class                 |                  |
| Welding                       |      | DIN EN ISO 13920      | BF               |
| Stamped steel parts           |      | DIN 6930              | g                |
| LINEAR AND ANGULAR DIMENSIONS |      | DIN ISO 2768          | CL               |
| Material:                     |      | SCALE:1:20            |                  |
| Surface coating               |      | Total NDT 100mkm      |                  |
| Painting                      |      | ZN(R) primer - 50 mkm |                  |
| Hot dip galvanizing           |      | HDG acc. ISO 1461     |                  |
| Other                         |      |                       |                  |
| Revision                      |      |                       |                  |
| No                            |      |                       |                  |
| A06                           |      |                       |                  |
| A05                           |      |                       |                  |
| A04                           |      |                       |                  |
| A03                           |      |                       |                  |
| A02                           |      |                       |                  |
| A01                           |      |                       |                  |
| DIN / ISO                     |      | Class                 |                  |
| Welding                       |      | DIN EN ISO 13920      | BF               |
| Stamped steel parts           |      | DIN 6930              | g                |
| LINEAR AND ANGULAR DIMENSIONS |      | DIN ISO 2768          | CL               |
| Material:                     |      | SCALE:1:20            |                  |

element  
FITNESS



Surf.Area 2.22  
Mass 27.22

Name: Core twister

Drawing No: 20-07175

A00 A3  
MO

Sheet 2 of 3