# Foundation earthing and bonding clamp (SBRC 2030)

## SBRC 2030



The KALOT Group foundation earthing and bonding clamp (code SBRC 2030) fixes the foundation earth electrode conductor, whether round wire, tape or copper conductor, to the foundation reinforcing bar before the concrete is poured. It is made of two pressed steel parts: a frame that sits on the reinforcing bar and a pressure jaw that presses the conductor onto the bar as the single M10 bolt is tightened.

- Connects the earth conductor to foundation reinforcing bar before the pour
- Parallel (II) and cross (+) connection with one clamp
- Round conductor 6 to 10 mm, 40 mm tape or copper conductor
- Two pressed steel parts and one M10 bolt

## Technical specifications

| | |
|---|---|
| **Type** | Bolted clamp connecting the earth conductor to reinforcing bar, for foundation earthing and bonding |
| **Code** | SBRC 2030 |
| **Frame and pressure jaw material** | Pressed steel sheet |
| **Bolt** | M10 × 45, steel |
| **Reinforcing bar** | Diameter 20 to 32 mm |
| **Round conductor (round wire or reinforcing bar)** | Diameter 6 to 10 mm |
| **Flat conductor (tape)** | Width 40 mm, thickness 4 to 5 mm |
| **Copper conductor** | Stranded copper conductor; state the cross-section when enquiring |
| **Connection mode** | Parallel (II) and cross (+) |
| **Dimensions (W × H × D)** | 65 × 75 × 51 mm |
| **Weight** | About 300 g |
| **Installation location** | On the reinforcing bar, inside the foundation concrete |

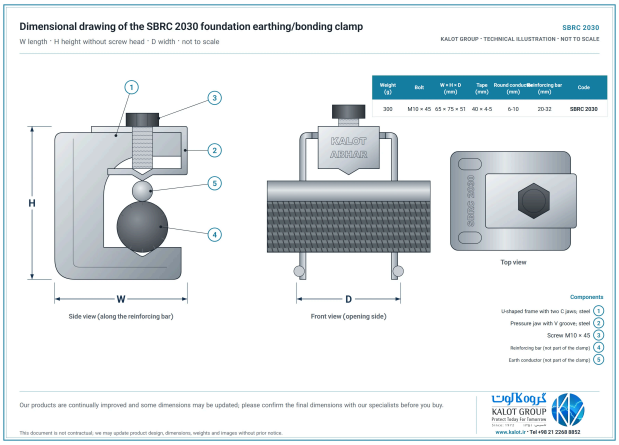
## SBRC 2030 sizes

| Code | Reinforcing bar (mm) | Round conductor (mm) | Tape (mm) | W × H × D (mm) | Bolt | Weight (g) |
|---|---|---|---|---|---|---|
| SBRC 2030 | 20-32 | 6-10 | 40 × 4-5 | 65 × 75 × 51 | M10 × 45 | 300 |

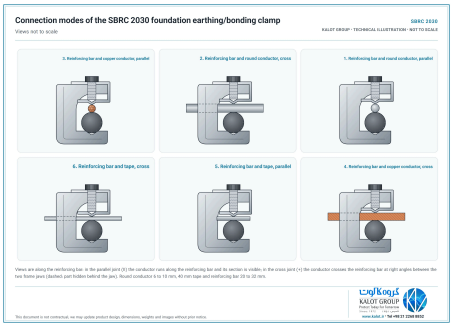
Sizes are in millimetres and weight in grams; the reinforcing bar and conductor figures are the diameter range the clamp takes. Our products are continually improved and some dimensions may be updated, so please confirm final dimensions with our specialists before you buy.


This document is not contractual; we may update product design, dimensions, weights and images without prior notice.

## Dimensional drawing




## Connection modes




## Installation

1. Choose the clamp by reinforcing bar diameter and conductor type: bar 20 to 32 mm, round conductor 6 to 10 mm or 40 mm tape. 2. Mark the joint positions on the reinforcing bars to the design drawing and clean the contact faces of bar and conductor of mud, cement slurry and loose rust. 3. Loosen the bolt and place the clamp frame over the bar from above so the bar seats in the V groove at the bottom of the jaws. 4. Lay the conductor parallel or at right angles to the bar, on top of it and under the pressure jaw. 5. Tighten the bolt with a spanner to the manufacturer's instructions until the conductor is pressed fully onto the bar. 6. Before pouring the concrete, inspect every joint, measure the electrical continuity of the electrode and its branches, and record the result.

## Selection and enquiries

For a price on the foundation earthing and bonding clamp, send our specialists the reinforcing bar diameter, the conductor type and size (round wire, tape or copper conductor) and the number of connections. The number of clamps is the electrode length divided by the connection spacing, plus the connections for the internal network and branches.