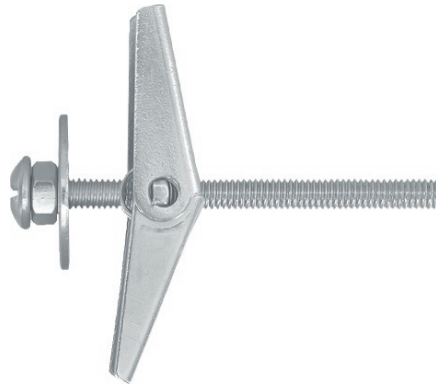


## SPO Spring Toggle for use in Plasterboard

### Self-acting anchor



### Product information

#### Features and benefits

- Long screw of the toggle fixing allows use in boards of various thicknesses and with thick attachments, offering maximum flexibility.
- Wide transition beams ensure a good load distribution allowing high load-bearing capacity
- Allows easy installation for fastenings behind thick panels in very flat cavities.
- Self-acting anchor with easy installation.
- Suitable for overhead applications

#### Applications

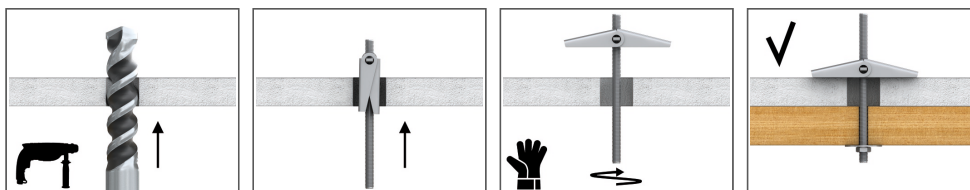
- Light shelving
- Brackets, grips and hooks
- Paintings
- Lamps
- Lighting
- Mirrors
- Shelves
- Other decorative elements

#### Base materials

##### Suitable for use in

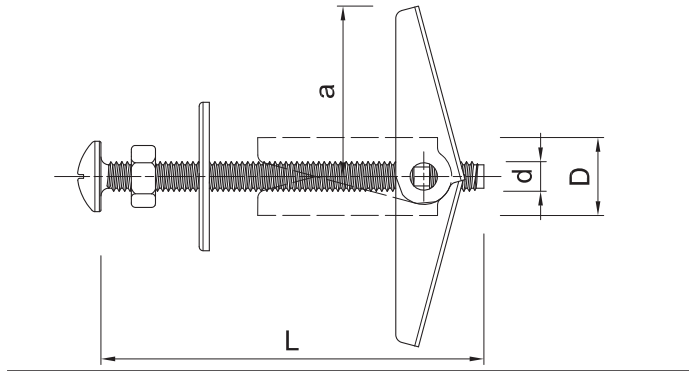
- Plasterboard
- Chipboard
- Oriented Strand Board
- PVC Profile

### Installation guide



1. Drill a hole of the required diameter.
2. Compress the 'wings' and push the fixing into the hole.
3. While tightening the screw, pull the fixture out from the wall or ceiling to prevent the 'wings' spinning freely.

## Product information



| Product Code | Screw type   | Plug   | Screw    |        | Fixture        | Plug     | Quantity |
|--------------|--------------|--------|----------|--------|----------------|----------|----------|
|              |              | Radius | Diameter | Length | Hole diameter  | Diameter |          |
|              |              | a      | d        | L      | d <sub>f</sub> | D        |          |
|              |              | [mm]   |          |        |                |          |          |
| SPO-03050    | metric screw | 20     | 3        | 50     | 12             | 10       | -        |
| SPO-06060    | metric screw | 30     | 6        | 60     | 18             | 18       | -        |
| R-SPO-03050  | metric screw | 20     | 3        | 50     | 12             | 10       | 100      |
| R-SPO-05080  | metric screw | 25     | 5        | 80     | 14             | 14       | 100      |
| R-SPO-06060  | metric screw | 30     | 6        | 60     | 18             | 18       | 50       |
| R-SPO-06080  | metric screw | 30     | 6        | 80     | 18             | 18       | 50       |
| R-SPO-05050  | metric screw | 25     | 5        | 50     | 14             | 12       | 100      |

## Installation data

| Substrate                  |                  |      | Plasterboard min. 12.5 |
|----------------------------|------------------|------|------------------------|
| Hole diameter in substrate | d <sub>0</sub>   | [mm] | 14                     |
| Min. installation depth    | h <sub>nom</sub> | [mm] | 9.5                    |
| Min. substrate thickness   | h <sub>min</sub> | [mm] | 9.5                    |
| Min. spacing               | s <sub>min</sub> | [mm] | 100                    |
| Min. edge distance         | c <sub>min</sub> | [mm] | 100                    |
| Fixing diameter            | d                | [mm] | 4                      |
| Board thickness            | t <sub>fix</sub> | [mm] | 9,5                    |

## Product commercial data

| Product Code | Screw       | Quantity [pcs] |       |        | Weight [kg] |       |        | Bar Codes     |
|--------------|-------------|----------------|-------|--------|-------------|-------|--------|---------------|
|              | Length [mm] | Box            | Outer | Pallet | Box         | Outer | Pallet |               |
| SPO-03050    | 50          |                |       |        |             |       |        |               |
| SPO-06060    | 60          |                |       |        |             |       |        |               |
| R-SPO-05080  | 80          | 100            | 1200  | 28800  | 1.69        | 20.3  | 516.4  | 5010445944390 |
| R-SPO-05050  | 50          | 100            | 1600  | 38400  | 1.32        | 21.1  | 535.3  | 5906675206950 |
| R-SPO-03050  | 50          | 100            | 1600  | 38400  | 0.51        | 8.2   | 226.6  | 5010445944307 |
| R-SPO-06060  | 60          | 50             | 800   | 19200  | 1.13        | 18.1  | 464.3  | 5010445944420 |
| R-SPO-06080  | 80          | 50             | 800   | 19200  | 1.30        | 20.8  | 528.4  | 5010445944451 |