



D1 = drill hole Ø; D2 = undercut Ø; h = panel thickness;
SW = shaft spanner gap; X_s = anchor hex

Product information

- ▶ The KEIL plug-in-bolt in connection with the KEIL undercut anchor allows for the attachment of natural stone panels without any substructure.
- ▶ The retaining and load-bearing bolts are attached to the back side of the panel with the aid of the undercut anchor.
- ▶ The holes drilled into the substrate are filled with permissible mortar.
- ▶ The plug-in-bolts on the façade panel are inserted into the filled drill holes.
- ▶ The façade panel is adjusted and fixed. After the temperature-related setting time, the panel is anchored safely and **without expansion pressure**. With/without insulation.
- ▶ Single panels can be replaced subsequently.
- ▶ High degree in safety due to the optimal distribution of the weight load.
- ▶ The correct screw-in depth is warranted by the system.
- ▶ KEIL undercut anchors are monitored externally.

| h _s = insertion depth [mm] | M = bolt Ø [mm] | l ₄ = nominal length [mm] | article no. |
|---|-----------------------|--|-------------|
| 15 | 8 | 15 | 555 720 713 |
| 15 | 8 | 100 | 555 720 716 |
| 15 | 8 | 150 | 555 720 620 |
| 15 | 8 | 200 | 555 720 625 |
| 15 | 8 | 300 | 555 720 629 |
| 15 | 10 | 15 | 555 720 721 |
| 15 | 10 | 100 | 555 720 610 |
| 15 | 10 | 150 | 555 720 613 |
| 15 | 10 | 200 | 555 720 636 |
| 15 | 12 | 100 | 555 720 641 |
| 15 | 12 | 150 | 555 720 645 |
| 15 | 12 | 200 | 555 720 649 |
| 15 | 14 | 100 | 555 720 655 |
| 15 | 14 | 200 | 555 720 663 |
| 15 | 16 | 200 | 555 720 678 |
| 15 | 16 | 300 | 555 720 739 |
| 15 | 18 | 200 | 555 720 689 |
| 15 | 18 | 300 | 555 720 740 |
| 15 | 20 | 200 | 555 720 698 |
| 15 | 20 | 300 | 555 720 741 |
| 15 | 22 | 300 | 555 720 742 |

Further dimensions on request.

Applications

- ▶ Natural stone
- ▶ Artificial stone
- ▶ Manufactured stone
- ▶ Ceramics
- ▶ Laminate (HPL)
- ▶ Synthetic material
- ▶ Fibre cement
- ▶ Glass ceramics

Accessories

- ▶ Depth control guide (p. 56)
- ▶ Special open-ended wrench, SW9 (p. 61)

Design



Anchor sleeve incl. reduced threaded bolt from stainless steel A4

Instructions for use

- ▶ from l₄ > 90 mm surface grooving onwards
- ▶ Use according to approval and KEIL assembly instructions for anchors (p. 12). Please find documents with relevance to building regulations under www.keil-fixing.de/en/approvals.

Packaging - surcharges

- ▶ Packaging unit = 500.
For orders of less than 500 pieces the following surcharges will accrue:
 - ▶ 1-49 + 40 %
 - ▶ 50-99 + 25 %
 - ▶ 100-499 + 10 %

