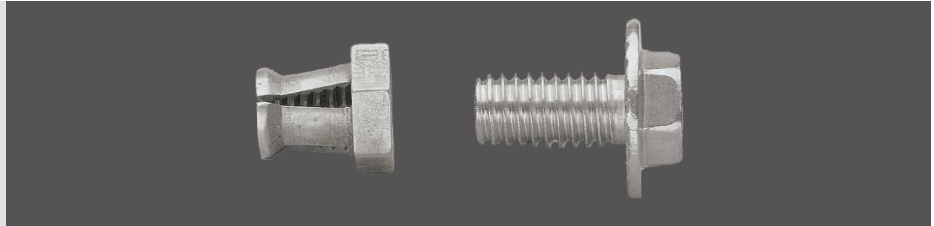
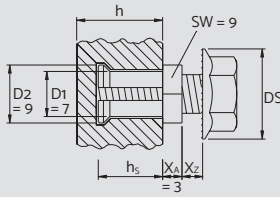


UNDERCUT ANCHOR KH AA



D1 = drill hole Ø; D2 = undercut Ø; SW = shaft spanner gap
X₁ = anchor hex

Product information

- ▶ The undercut anchor consists of an anchor sleeve with matching hex bolt with locking ratchets (screw).
- ▶ Drill hole, anchor sleeve and screw length must be matched to the desired insertion depth and the bracket of choice. Only the use of matching parts will make the assembly **quick, simple and safe**.
- ▶ Insert the at the base compressed anchor sleeve, together with the required bracket, into the undercut hole.
- ▶ Screw in the screw, exerting gentle pressure on the bracket (in order to fix the anchor). The locking ratchets of the screw will cut into the bracket, securing the screw.
- ▶ The anchor sleeve is expanded to its original dimensions by inserting the screw to a controlled depth, making it sit snugly against the panel in the undercut area of the drill hole. After the assembly, the anchor will sit in the undercut hole **free of expansion pressure** (i.e. the bracket can still be rotated with a certain amount of physical effort).
- ▶ KEIL undercut anchors are monitored externally.

h _{min} = panel thickness [mm]	h _s = insertion depth [mm]	X _z = clamping thickness [mm]	l = nominal length [mm]	DS = bolt head Ø [mm]	article no.
6.0	4.0	1.5	M6x8.5	14	555 020 820
6.0	4.0	3.0	M6x10	14	555 020 742
8.0	5.5	0.0	M6x8.5	14	555 020 856
8.0	5.5	1.5	M6x10	14	555 020 724
8.0	5.5	3.0	M6x11.5	14	555 020 712
9.5	7.0	0.0	M6x10	14	555 020 804
9.5	7.0	1.5	M6x11.5	14	555 020 780
9.5	7.0	3.0	M6x13	14	555 020 830
11.0	8.5	0.0	M6x11.5	14	555 020 823
11.0	8.5	1.5	M6x13	14	555 020 752
11.0	8.5	3.0	M6x14.5	14	555 020 777
13.0	10.0	0.0	M6x13	14	555 020 809
13.0	10.0	1.5	M6x14.5	14	555 020 734
13.0	10.0	3.0	M6x16	14	555 020 715
13.0	10.0	6.0	M6x19	14	555 020 848
14.5	11.5	0.0	M6x14.5	14	555 020 700
16.0	13.0	1.5	M6x17.5	14	555 020 802
18.0	15	0.0	M6x17.5	14	555 020 815
18.0	15	1.5	M6x19	14	555 020 756
18.0	15	3.0	M6x20.5	14	555 020 759
18.0	15	6.0	M6x23.5	14	555 020 826

Further dimensions on request.

Application

- ▶ Natural stone
- ▶ Artificial stone
- ▶ Manufactured stone
- ▶ Ceramics
- ▶ Laminate (HPL)
- ▶ Synthetic material
- ▶ Fibre cement
- ▶ Glass fibre reinforced concrete (GFRC)
- ▶ Glass ceramics
- ▶ Solid surface materials
- ▶ Ultra high performance concrete (UHPC)

Accessories

- ▶ Depth control guide (p. 56)
- ▶ Torque wrench 1-6 Nm (p. 60)
- ▶ Wrench sockets, DIN 3126 (p. 61)
- ▶ Special open-ended spanner, SW9 (p. 61)

Design



Anchor sleeve incl. hex bolt with locking ratchets, stainless steel A4.

Instructions for use

- ▶ 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 unit - 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 %

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