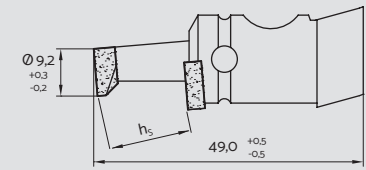
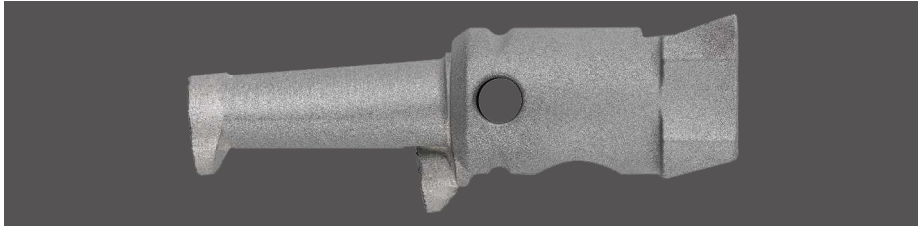


# DIAMOND TIPPED FAÇADE DRILL BIT WITH COUNTERSINK 9/12



$h_s$ = insertion depth [mm]	drill hole $\varnothing$ cylindrical [mm]	drill hole $\varnothing$ undercut [mm]	height undercut [mm]	countersink $\varnothing$ [mm]	article no.
20	9	12	1.5	20	515 019 002

## Application

- ▶ Diamond tipped
- ▶ Wet drilling
- ▶ For all "soft" stones with low strength.
- ▶ Central cooling through the façade drill bit.

## Accessories

- ▶ Fastener set 1 (p. 53)
- ▶ Fastener set 2 (p. 53)
- ▶ Fastener set 3 (p. 53)
- ▶ Depth control guide (p. 56)
- ▶ Whetstones (p. 51)

## Design



Diamond tipped façade drill bit with countersink

## 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](http://www.keil-fixing.de/en/approvals).
- ▶ Adjust the insertion depth and monitor the life time of the façade drill bit with the aid of the depth control guide.
- ▶ Only for drilling machines designed to drill consistent with the front side of the panel.
- ▶ For KEIL chucks / undercut drilling machines.
- ▶ Recommended rotational speed > 7,000 rpm.
- ▶ Water pressure > 4 bar
- ▶ Usage of the cooling lubricant 532 500 035 (p. 49) will prolong the life time of the diamond tipped façade drill bit significantly and protect the parts covered in cooling water from corrosion.

## Packaging unit

- ▶ Packaging unit = 2 pieces.

## Product information

- ▶ Especially for the drilling of undercut holes in façade panels with unequal panel thicknesses.
- ▶ In order to balance tolerances in panel thicknesses, the countersink will be carried out in one step together with the drilling and undercutting.
- ▶ The front side of the panel is always the reference measure.
- ▶ The KEIL façade drill bit is available in various designs matching the KEIL undercut anchor.
- ▶ We offer diamond or carbide tipped façade drill bits, which are used depending on the panel material to be drilled.
- ▶ Optimized, small diameters with large undercutting cause minimization of the drilling time and maximization of the tool life.
- ▶ The KEIL drilling technique warrants optimally short drilling times, long tool life and precise drill hole geometry.
- ▶ The KEIL façade drill bit is inserted into the KEIL chucks.

Panel attachment to substructure independent of panel thickness and rear surface flatness.

