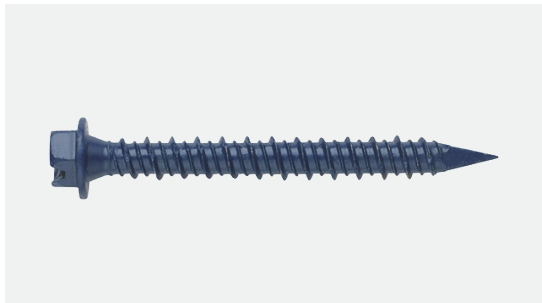


## Hex Head Concrete Screw Anchor

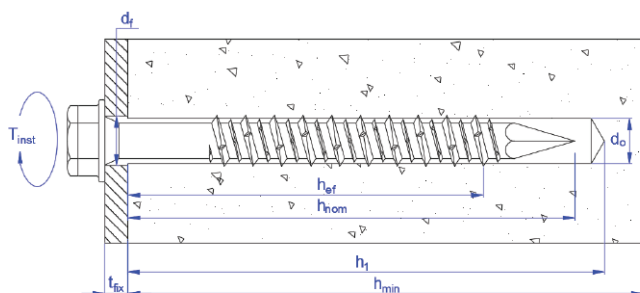
Product Codes: B531-416 / B531-422 / B531-428



- High performance concrete screw anchor
- Self tapping design cuts into aerated concrete, brick and hollow blocks
- Special high-low 60°/40° grooved thread
- Blue ruspert coating for higher corrosion resistance
- No transmission of expansion forces to concrete
- Box quantity: 100



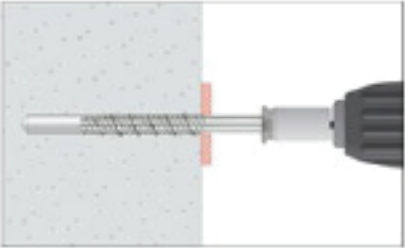
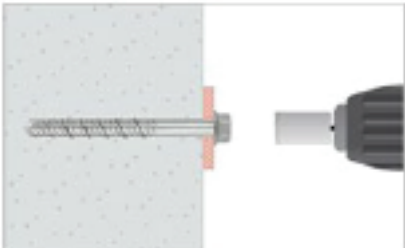
### Specification

Product Code	B531-416	B531-422	B531-428
Dimensions	6.5 x 32mm	6.5 x 45mm	6.5 x 57mm
Drill bit diameter ( $d_0$ )	5mm	5mm	5mm
Fixture clearance hole ( $d_f$ )	8mm	8mm	8mm
Hex socket	SW8	SW8	SW8
Maximum torque ( $t_{inst}$ )	12Nm	12Nm	12Nm
Minimum spacing ( $s_{min}$ )	70mm	81mm	81mm
Minimum edge distance ( $c_{min}$ )	35mm	41mm	41mm
Minimum thickness of base material ( $h_{min}$ )	100mm	100mm	100mm
Drill hole depth ( $h_1$ )	40mm	50mm	50mm
Installation depth ( $h_{nom}$ )	28mm	40mm	40mm
Effective depth ( $h_{ef}$ )	23mm	27mm	27mm
Maximum thickness of fixture $\leq$ ( $t_{fix}$ )	7mm	5mm	17mm

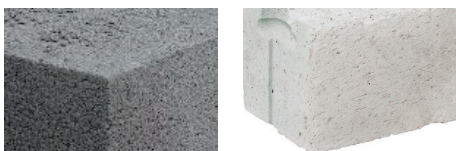


Material	Coating
<b>A</b> Carbon Steel	<b>G</b> Blue Ruspert

## Installation

	<p><b>1. DRILLING</b> Check concrete is well compacted and porosity is insignificant. Suitable for dry, wet and flooded holes. Use drill in hammer mode. Drill according to specified depths in previous tables.</p>
	<p><b>2. BLOW AND CLEAN</b> Clean hole of dust and debris. Use blow-pump and cleaning brushes.</p>
	<p><b>3. INSTALL</b> Select a powered impact wrench or a torque wrench that does not exceed the maximum torque indicated in previous tables. Attach an appropriate size hex socket to the wrench. Mount the screw anchor head in the socket.</p>
	<p><b>4. APPLY THE TORQUE</b> Drive the anchor with an impact driver or a torque wrench through the fixture and into the hole until the anchor head washer comes in contact with the fixture. The anchor must be snug after installation. Do not spin the hex socket off the anchor to disengage.</p>

## Base material



## Application examples

