

## UAP-Z Undercut Pre-set Anchor Seismic C1/C2

- Pre-set installation method – nut and washer to be removed after inserting into the drilled hole, prior to fixture being installed
- Most reliable and secure heavy-duty anchor for safety-critical applications, including tunnels and nuclear facilities
- Easy to install self-undercutting anchor without any need for special drill bits or undercut tools



## CHARACTERISTICS AND BENEFITS

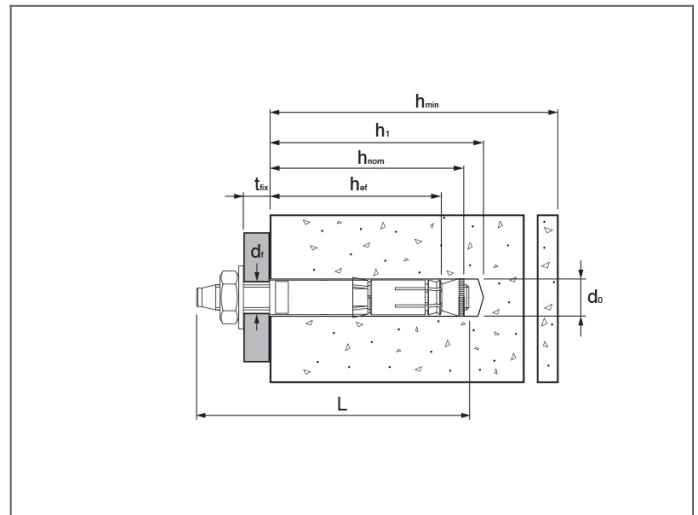
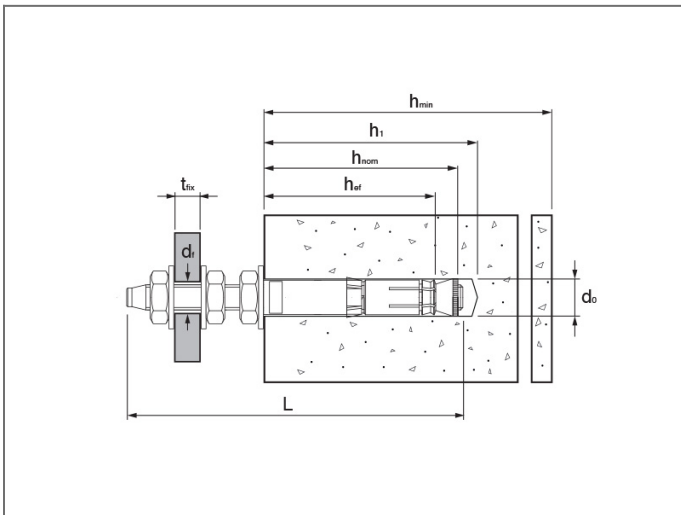
- Ease of installation – self-undercut and mechanical interlock.
- Low-expansion forces allow small spacings and edge distances.
- Pre-set installation method.
- No special drill bits or undercut tools required.
- ETA assessed for use in areas of seismic activity.
- Assessed option 1 anchor for cracked and un-cracked concrete.
- For static and quasi-static loads.
- Assessed for fire resistance
- Zinc electroplated acc. EN ISO 4042  $\geq 5\mu\text{m}$
- Threaded bolt and nut to EN ISO 898: property class 8.8
- Acceptable use in structures subject to dry internal conditions or indoor conditions with temporary condensation.

## APPLICATIONS

- Structural fixings in cracked and non-cracked concrete, including industrial, infrastructure and nuclear facilities
- Safety critical applications
- Very good suitability for overhead installation

## More Information

<b>Material Grade</b>	8.8 Hi-Tensile Steel
<b>Coating &amp; Plating</b>	Zinc Clear
<b>Head Type</b>	Externally Threaded
<b>Diameter / Gauge</b>	M12, M16
<b>Thread Type</b>	Metric
<b>For use with</b>	Concrete (cracked), Concrete (un-cracked)
<b>Setting Conditions</b>	Dustless Drilling, Hammer Drilling, Close to Edge, Overhead, Pre-set
<b>Approvals &amp; Documents</b>	ETA Certification, Fire Resistance
<b>Compliance</b>	AS 5216:2021, Cyclic Loads, Seismic C1 & C2
<b>Software</b>	<a href="#">AFOS® Anchor Design Software</a>
<b>Use for</b>	Critical Anchoring, Structural Fixing, Suspension & Gantry



## Technical Information

SKU	Dia. x Length	Max. Fix.	Drill Dia. x Depth	Seismic C1/C2
1947.0120220	M12 x 220mm UAP-Z	30mm	ø 20 x 175mm	□ / □
1947.0120135	M12 x 135mm UAP-Z	15mm	ø 20 x 105mm	□ / □
1947.0160240	M16 x 240mm UAP-Z	40mm	ø 25 x 185mm	□ / □

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SKU	Dia. x Length	Max. Fix.	Drill Dia. x Depth	Seismic C1/C2
1947.0160290	M16 x 290mm UAP-Z	40mm	ø 25 x 235mm	□ / □

## Documents

UAT / UAP Undercut Anchor ETA-01/0011

UAP-Z Undercut Anchor TDS (AS 5216)



For updates & pricing visit the website.  
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