

6x60mm Knock In Wire Hanger

Product Code: R761-430

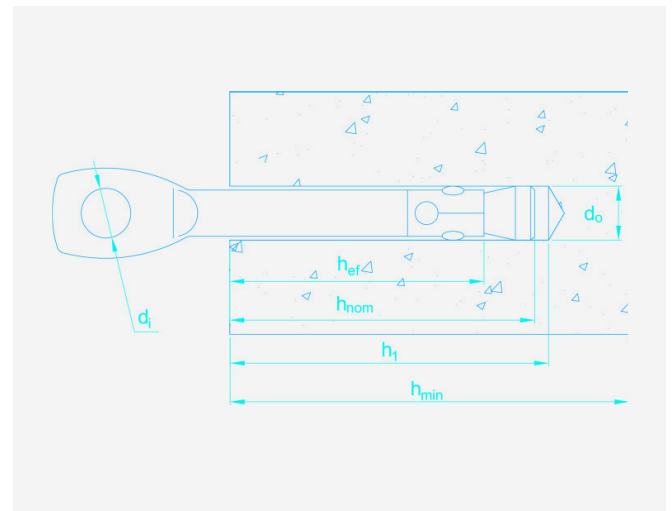


Characteristics

- Metal anchor: functioning by expansion
- Easy installation
- Use in non cracked concrete
- Use for medium loads
- Previous installation

Installation data

Product Code	R761-430
Axis diameter (d_o)	6.0mm
Effective depth (h_{ef})	40.0mm
Embedment depth (h_{nom})	49.5mm
Drill depth (h_1)	55.0mm
Minimum concrete thickness (h_{min})	100.0mm
Hole diameter (d_i)	6.0mm
Critical spacing (S_{cr})	120.0mm
Critical edge distance (C_{cr})	60.0mm
Minimum spacing (S_{min})	50.0mm
Minimum edge distance (C_{min})	50.0mm



Base material



Concrete



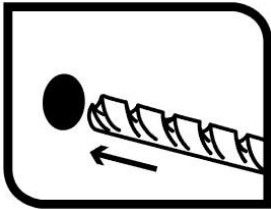
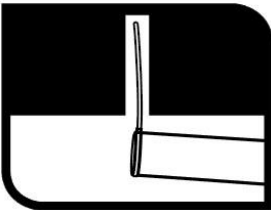
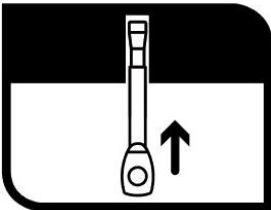
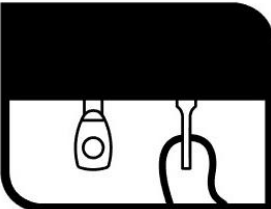
Reinforced Concrete



Stone

Material	Coating
A Carbon Steel	Z ZINC Zinc-plated $\geq 5\mu\text{m}$

Installation

	<p>1. Drill Check the concrete base is well compacted and porosity insignificant. Drilling must be performed at the specified minimum depth and diameter, perpendicular to the base material surface.</p>
	<p>2. Blow and clean Clean hole of dust and debris. Use blow-pump and cleaning brushes.</p>
	<p>3. Install Introduce anchor 40 mm with the ring just above the base material. Use a hammer to ensure the required depth if necessary.</p>
	<p>4. Apply torque Pull the ring perpendicular to the base material expanding the anchor.</p>

Resistances

3.1 Character resistance: the character resistance* in C20/25** concrete for an isolated anchor (without spacing and edge distance effects) are specified in the table:

Product Code	R761-430
Characteristic resistance (N_{Rk})	3.51kN
Design resistance (N_{Rd})	1.95kN
Recommended resistance (N_{Recom})	1.39kN

1kN \approx 100kg