

R-KNC plastic collated concrete pins with fuel cells

Smooth shank galvanised pins for concrete applications



Product information

Features and benefits

- Ballistic point increases performance into the base material. This special design is responsible for providing best load bearing values for this type of fixing
- Smooth shank and toughness of 57 - 60 HRC provides great penetration ability and give best result in hard substrates
- Plastic collation provides protection from deterioration by weather conditions or high humidity
- Compatible with leading manufactures tools currently on the market

Applications

- Fixing steel or aluminium profiles into concrete in drywall systems
- Fixing electrical boxes, sanitary ware, cable trunking, etc.
- Cable conduits and wires installation

Base materials

- Concrete
- Cracked Concrete

Corresponding products

- R-RAWL-SC40 Gas powered steel and concrete nailer



Installation data

Substrate			Concrete
Effective embedment depth	h_{ef}	[mm]	17
Min. substrate thickness	h_{min}	[mm]	80
Min. spacing	s_{min}	[mm]	200
Min. edge distance	c_{min}	[mm]	150

Basic performance data

Base materials		Concrete C12/15	Concrete C20/25 - C50/60
CHARACTERISTIC LOAD			
TENSION LOAD N_{Rk}			
Sheet metal thickness = 0,50 ÷ 1,00 mm	[kN]	0.35	0.45
SHEAR LOAD V_{Rk}			
Sheet metal thickness = 0,50 ÷ 1,00 mm	[kN]	0.35	0.45
DESIGN LOAD			
TENSION LOAD N_{Rd}			
Sheet metal thickness = 0,50 ÷ 1,00 mm	[kN]	0.14	0.18
SHEAR LOAD V_{Rd}			
Sheet metal thickness = 0,50 ÷ 1,00 mm	[kN]	0.28	0.36
RECOMMENDED LOAD			
TENSION LOAD N_{rec}			
Sheet metal thickness = 0,50 ÷ 1,00 mm	[kN]	0.10	0.13
SHEAR LOAD V_{rec}			
Sheet metal thickness = 0,50 ÷ 1,00 mm	[kN]	0.20	0.26

Product commercial data

Index	Fastener diameter	Length	Head type	Shank type	Finish	Protection	Collation	Fasteners per	Carton quantity	Fuel cells per car-	Box weight	Outer weight	EAN
	[mm]	[mm]											
R-KNC-6/22	2.7	22	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	1000	1	1.51	1.51	59066753 24319
R-KNC-6/25	2.7	25	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	1000	1	1.67	1.67	59066752 10964
R-KNC-6/27	2.7	27	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	1000	1	1.73	1.73	59066753 24326
R-KNC-6/32	2.7	32	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	1000	1	1.95	1.95	59066753 24333
R-KNC-6/38	2.7	38	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	1000	1	2.24	2.24	59066753 24340
R-KNC-6/22/500	2.7	22	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	500	1	0.78	9.41	59066754 38122
R-KNC-6/25/500	2.7	25	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	500	1	0.88	10.55	59066754 38139
R-KNC-6/27/500	2.7	27	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	500	1	0.91	10.88	59066754 38146
R-KNC-6/32/500	2.7	32	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	500	1	1.04	12.42	59066754 38153
R-KNC-6/38/500	2.7	38	Full Round	Smooth	Electro galvanized	Up to 4 microns	Plastic strip	10	500	1	1.18	14.19	59066754 38160