

SC9 Series – PA Pins

Single & Collated Powder Actuated Pins



Date	31/03/22
Reference	TDS01177A

Product

Ramset's range of Premium Drive Pins has been designed for steel and hard concrete applications. The design of these pins allows them to penetrate hard materials with less power while the strengthened shank greatly reduces the possibility of column collapse.

Pin Specification

Material:	AISI 1060 – 1065 carbon steel
Hardness:	Austempered to a core hardness of 54 – 58 HRc
Typical Tensile Strength:	2000 MPa
Typical Shear Strength:	1240 MPa
Standard Finishes:	Electroplated Zinc to a minimum of 7 µm with yellow chromate. (Stepped Shank Pins)

Benefits, Advantages and Features

Fixing to

- Steel Substrate
- Concrete Substrate

Fast and easy to use:

- Single Pins
- Collated Pins

Installation and Performance Details – per fixing

Working Load Limit (WLL)

Installed in Concrete		
Minimum Embedment (mm)	Concrete Cylinder Strength	
	25 MPa	
	Tension (kN)	Shear (kN)
25	0.5	0.5

Working Load Limit (WLL)

Installed in Steel		
Minimum Steel Thickness (mm)	Minimum Steel Tensile Strength	
	430 MPa	
	Tension (kN)	Shear (kN)
5	2.0	2.0

PLEASE NOTE:

All Values published are allowable working loads.
 All visible failures must be replaced.
 As concrete composition may vary, jobsite testing is recommended to determine actual jobsite values.

Description and Part Numbers

art No.	Max. Fixture (Thickness to Steel)	Max. Fixture (Thickness to Concrete)	Description	Drive Pin Length
SC915C*	-	-	15mm Collated Drive Pins	15mm
SC925C*	15mm	-	25mm Collated Drive Pins	25mm
SC930C	20mm	5mm	30mm Collated Drive Pins	30mm
SC940C	30mm	15mm	40mm Collated Drive Pins	40mm
SC950C	35mm	25mm	50mm Collated Drive Pins	50mm
SC960C	45mm	35mm	60mm Collated Drive Pins	60mm
SC975C	75mm	50mm	75mm Collated Drive Pins	75mm
SC950	35mm	25mm	Timber to Structural Steel Pin	50mm
SC960	45mm	35mm	Timber to Structural Steel Pin	60mm

*Note: SC915C and SC925C only to be used for fixings into steel.

For further information, please contact Ramset™

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