

SC960 - PA Pins

Date	08/05/14
Reference	TDS01142



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)

PERFORMANCE TABLES:

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.