

# ICCONS® PX Drive Pins

- Stepped Shank, Ballistic Point



ICCONS® PX range of Low Velocity Powder Actuated pins have been specially designed to perform well in a wide variety of base materials. A high steel hardness, optimum shank profile and engineered ballistic tip work together to achieve a secure and reliable penetration into the hardest Concrete and Steel.

## SPECIFICATIONS

- Corrosion Protection: Yellow zinc plating 5-15microns
- Nominal Head Diameter: 8.0mm
- Nominal Shank Diameter: 4.0mm

| ICCONS Part No.  | Recommended Load Data in Steel (G250) |                                 |                               |
|--|---------------------------------------|---------------------------------|-------------------------------|
|  | Steel Thickness (mm)                  | Tensile Capacity $N_{rec}$ (kN) | Shear Capacity $V_{rec}$ (kN) |
| PXSC50 (50mm pin)  | 3mm                                   | 0.80kN                          | 2.80kN                        |
| PXSC60 (60mm pin)  | 5mm                                   | 1.30kN                          | 4.40kN                        |
| PXSC75 (75mm pin)  | 10mm                                  | 3.30kN                          | 4.40kN                        |
| <p><b>Note:</b> For maximum performance, selection of Drive Pin length should allow for the tip to just penetrate the steel thickness. <i>Capacities listed above are allowable working loads and incorporate a factor of safety <math>\geq 3</math>. Consideration of fixture pull-over and steel profile stiffness should be taken into account when determining load capacities in steel.</i></p> |                                       |                                 |                               |

## Application Specific Information

Please contact ICCONS technical engineering department for specific design applications.

[engineering@iccons.com.au](mailto:engineering@iccons.com.au)

ICCONS Pty Ltd.

Head Office, 12-18 Produce Drive,  
Dandenong South, Victoria, 3175

P: 03 9706 4344  
F: 03 9768 3329  
E: [info@iccons.com.au](mailto:info@iccons.com.au)

