

Building Product Information Sheet

Class 1

Product Name:

PX Drive Pin Ballistic Point - for Hard Concrete

Date of Report:

04 / 10 / 2023

Product Line:

ICCONS Nailing Systems - Powder Actuated

Product Description and its intended use:

Ballistic point cane bin drive pin with metal washer assembly is a common Powder Actuated consumable used primarily for fixing mesh to steel frames in construction of cane bin transport carts and carriers. The knurling of the drive pin shank increases pin stability once fired into a steel frame, making it ideal for cane transportation along train tracks (high vibration). The metal washer increases the drive pin bearing surface and therefore has increased resistance to pullover (for use with ICCONS PX375 and most other low-velocity powder actuated tools).

Key technical specifications:

- Product type: Drive Pin
- ICCONS PX Tools compatible: PX375, PX350, PX60M (adapter may be required)
- Powers PA Tools compatible: PA3500EX, P3X
- Ramset PA Tools compatible: FrameMaster TS750P, FormMaster, TyMaster, JobMaster
- Hilti DX Tools compatible: DX2, DX 36, DX351 MX (adapter may be required), DX351 M+E, DX460-F8, DX460 MX 72 (adapter may be required), DX A40/A41 (adapter may be required).

Product Identifier

PX Drive Pins

Place of Manufacture:

Overseas

Manufacturer:

ICCONS PTY LTD

Importer:

Sesto Fasteners Limited

Address: 5e Piermark Drive
Rosedale, Auckland
Postcode: 0632
Website: www.sestofasteners.co.nz
Email: orders@sestofasteners.co.nz
Phone: +64 94158564
NZBN: 9429041704103

Relevant Building Code Clauses:

- B1 Structure: Performance clauses B1.1, B1.2, B1.3.1, B1.3.2, B1.3.3, B1.3.4
- B2 Durability: Performance clauses B2.2
- F2 Hazardous Building Materials: Performance clause F2.3.1

Statement on how the building product is expected to contribute to compliance:

- B1 Structure: clauses B1.1, B1.2, B1.3.1, B1.3.2, B1.3.3, B1.3.4:
 - ICCONS PX Ballistic Point Drive Pins have been tested for recommended load data in Steel (G250). Tensile capacity, shear capacity and steel thickness values vary. Refer to document 'PX Drive Pins Technical Bulletin' to see specific values per part, available in the link below:
https://sestofasteners.co.nz/products/px-drive-pin-ballistic-point-for-hard-concrete?_pos=1&_sid=e4836e544&_ss=r
 - Pre-assembled for fast fixture/
 - Ideal for quickly fastening thin materials (plastic or metal sheeting)
 - Ideal for quickly fastening fixtures with pre-existing holes.
 - Suitable for use with ICCONS PX375 and most other low-velocity powder actuated tools.
 - ICCONS PX range of Low Velocity Powder Actuated pins have been specifically 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.
- B2 Durability: Performance clauses B2.2
 - Knurling provides greater pin stability in steel - great for vibration prone environments.
 - The metal washer increases the pins bearing surface and therefore has increased resistance to pullover.
 - PX pins have increased bearing surface provided by the washer.
 - Corrosion Protection: Yellow zinc plating 5-15 microns.
 - Nominal Head Diameter: 8.0mm
 - Nominal Shank Diameter: 4.0mm.
 - Application Specific Information: please contact ICCONS technical engineering department for specific design applications.
engineering@iccons.com.au
- F2 Hazardous Building Materials: Performance clause F2.3.1
 - Training, good judgment and care is required when operating nailing equipment.
 - Note: SESTO Fasteners does not offer ICCONS powder actuated tools in New Zealand.
 - Refer to the tools manufacturer for guidelines, instructions and certifications required for use of powder actuated nailing equipment.
 - Refer to the tools manufacturer of your nailing equipment for instruction on safe use of drive pins in the tool being used.

Limitations on the use of the building product:

- Training, good judgment and care is required when operating nailing equipment.
 - Note: SESTO Fasteners does not offer ICCONS powder actuated tools in New Zealand.
 - Refer to the tools manufacturer for guidelines, instructions and certifications required for use of powder actuated nailing equipment.
 - Refer to the tools manufacturer of your nailing equipment for instruction on safe use of drive pins in the tool being used.
 - PXW75 are equivalent to part number LWU75. Washered 75mm Drive Pin for use in TS750P.
 - Data provided in document 'PX Drive Pins Technical Bulletin' subject to note: For maximum performance, selection of Drive Pin length should allow for the tip to just penetrate the steel thickness. Capacities listed above are allowable working loads and incorporate a factor of safety ≥ 3 . Consideration of fixture pull-over and steel profile stiffness should be taken into account when determining load capacities in steel.
 - For Applications Specific Design Assistance: please contact ICCONS technical engineering department for specific design applications.
engineering@iccons.com.au
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Design requirements that would support the use of the building product:

ICCONS Drive Pins have been designed for use in the following applications:

- Ideal for quickly fastening thin materials (plastic or metal sheeting)
- Ideal for quickly fastening fixtures with pre-existing holes.

Features that support use of the building product:

- Pre-assembled for fast fixture
- Knurling provides greater pin stability in steel - great for vibration prone environments
- PX pins have increased bearing surface provided by the washer
- For use with ICCONS PX375 and most other low-velocity powder actuated tools.

Installation requirements:

- Training, good judgment and care is required when operating nailing equipment.
- Note: SESTO Fasteners does not offer ICCONS powder actuated tools in New Zealand.
- Refer to the tools manufacturer for guidelines, instructions and certifications required for use of powder actuated nailing equipment.
- Refer to the tools manufacturer of your nailing equipment for instruction on safe use of drive pins in the tool being used.

Maintenance requirements:

N/A. no ongoing maintenance required.

Is the building product subject to warning or ban under section 26?:

No

