

Building Product Information Sheet

Class 1

Product Name:

PX Drive Pin - with Top Hat Assembly

Date of Report:

04 / 10 / 2023

Product Line:

ICCONS Nailing Systems - Powder Actuated

Product Description and its intended use:

PX drive pin with top hat assembly is a common Powder Actuated consumable used for numerous fixing applications to concrete and steel. Top hat of this drive pin acts as a spring washer that maximises clamping force when fixed correctly (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: FrameBoss, 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 Collated Drive Pins have been tested for allowable working load capacity in 32 MPa concrete. Tensile capacity and shear capacity values vary based on part number. Refer to document 'PX Drive Pin Technical Bulletin' to see specific values per part, available in the link below:
<https://sestofasteners.co.nz/products/px-drive-pin-with-top-hat-assembly?variant=37607808794793>
 - Top hat of this drive pin acts as a spring washer that maximises clamping force when fixed correctly (for use with ICCONS PX375 and most other low-velocity powder actuated tools).
 - Suitable for use with ICCONS PX350, PX375 and PX60M Tools (single shot).
- B2 Durability: Performance clauses B2.2
 - 22mm Metal Washer Assembly.
 - 3.7mm Shank for optimum holding power.
 - 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.
- Data provided in document 'PX Drive Pin Technical Bulletin' subject to note: Minimum 5 Fastenings per fastened unit, Visible Failures must be replaced, Assumes Static Loading. Capacities listed above are allowable working loads and incorporate a factor of safety exceeding 4. Available in link below:
<https://sestofasteners.co.nz/products/px-drive-pin-with-top-hat-assembly?variant=37607808794793>
- For Applications Specific Design Assistance: please contact ICCONS technical engineering department for specific design applications.
engineering@iccons.com.au

Design requirements that would support the use of the building product:

- ICCONS PX Drive Pins with Top Hat Assembly have been designed for use in the following applications:
- Ideal for quickly fastening fixtures with pre-existing holes.
 - Designed for fixing to concrete and steel.

Features that support use of the building product:

- Pre-assembled for fast fixtures.
 - Top hat acts as spring washer
 - For use with ICCONS PX375 and most other low-velocity powder actuated tools.
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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

