

Building Product Information Sheet

Class 1

Product Name:

PX Drive Pin - Metal Washer (22mm) with Top Hat

Date of Report:

04 / 10 / 2023

Product Line:

ICCONS Nailing Systems - Powder Actuated

Product Description and its intended use:

PX drive pin with metal washer and top hat assembly is a common Powder Actuated consumable used for numerous fixing applications to concrete and steel. 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 PXW 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-22mm-metal-washer-assembly?_pos=1&_sid=2ec4cd20f&_ss=r
 - Suitable for numerous fixing applications to concrete and steel.
 - The metal washer increases the nails bearing surface and therefore has increased resistance to pullover (for use with ICCONS PX375 and most other low-velocity powder actuated tools).
 - Low velocity pin is designed to be used in all leading brand piston tools.
 - For use with ICCONS PX350, PX375 and PX60M Tools (Single Shot).
 - Part number PXW75 (8 x 75mm Washered Drive Pins) are equivalent to part number LWU75. Washered 75mm Drive Pin for use in TS750P.
 - 22mm Washer Fixed provided a larger bearing surface for higher loads.
 - 8x75mm Washered Drive Pins at 75 length are ideal for fixing 45mm timber to concrete.
 - Refer to document 'PXW75 Information Flyer' for specific information for part number PXW75. Available in the link below:
https://sestofasteners.co.nz/products/px-drive-pin-with-22mm-metal-washer-assembly?_pos=1&_sid=2ec4cd20f&_ss=r
- B2 Durability: Performance clauses B2.2
 - 22mm Metal Washer Assembly.
 - 3.7mm Shank for optimum holding power.
 - Galvanised Finish for increased durability.
 - Ballistic Tip: Machined point provides more consistent penetration.
 - 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 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.
 - 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 PX 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
- 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

