

ICCONS® PXC - Collated Drive Pins






- suitable for ICCONS® PX60M (magazine), also suits most brands with magazine attachment, suitable for 8mm barrel



TECHNICAL SPECIFICATIONS

- Nominal Head Diameter: 8.0mm
- Nominal Shank Diameter: 3.8mm
- Coating: Zinc Plating 5-15um

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 tips work together to achieve a secure and reliable penetration into the hardest Concrete and Steel.

Part No.	Description	 mm	 mm	 mm	 qty	 qty
PXC16M	16mm Collated 10 strip Drive Pin	8	16	3.8	100	1600
PXC19M	19mm Collated 10 strip Drive Pin		19	3.8	100	1600
PXC22M	22mm Collated 10 strip Drive Pin NEW		22	3.8	100	1600
PXC27M	27mm Collated 10 strip Drive Pin		27	3.8	100	1600
PXC32M	32mm Collated 10 strip Drive Pin		32	3.8	100	1600
PXC37M	37mm Collated 10 strip Drive Pin		37	3.8	100	1600
PXC42M	42mm Collated 10 strip Drive Pin		42	3.8	100	1600
PXC52M	52mm Collated 10 strip Drive Pin		52	3.8	100	1600
PXC62M	62mm Collated 10 strip Drive Pin		62	3.8	100	1600
PXC72M*	72mm Collated 10 strip Drive Pin		72*	3.8	100	1600

* Not suitable for PX60M Tools

ICCONS Pty Ltd.

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Note: ICCONS® has taken extreme care in compiling the above information. ICCONS® may change our products at any time as may our competitors. ICCONS® believe the information is true and correct as at the date of this document.

03/07/2019
Page 1 of 1

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ICCONS Part No.	Ultimate Load Capacity in Concrete (20MPa)		
	Concrete Embedment (mm)	Tensile Capacity N_{rk} (kN)	Shear Capacity V_{rk} (kN)
PXC16M (16mm pin)	15mm	1.30kN	2.15kN
PXC19M (19mm pin)			
PXC27M (27mm pin)			
PXC32M (32mm pin)	20mm	2.20kN	2.90kN
PXC37M (37mm pin)	25mm	3.00kN	3.45kN
PXC42M (42mm pin)			
PXC52M (52mm pin)			
PXC62M (62mm pin)	Note: Concrete thickness must be at least 3 times the embedment depth. Load performance presented above are Ultimate loads and a suitable safety factor must be applied. ICCONS recommend a minimum Safety Factor ≥ 5 should be applied for all non-safety critical applications. A higher safety factor may be chosen for critical connections. Fixings should be checked for concrete spalling and failed fixings must be replaced in a suitable location.		
PXC72M (72mm pin)			

ICCONS Part No.	Recommended Load Data in Steel (G250)		
	Steel Thickness (mm)	Tensile Capacity N_{rec} (kN)	Shear Capacity V_{rec} (kN)
PXC16M (16mm pin)	3mm	0.80kN	2.80kN
PXC19M (19mm pin)			
PXC27M (27mm pin)			
PXC32M (32mm pin)	5mm	1.30kN	3.90kN
PXC37M (37mm pin)	10mm	3.30kN	4.40kN
PXC42M (42mm pin)			
PXC52M (52mm pin)			
PXC62M (62mm pin)	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.		
PXC72M (72mm pin)			

Application Specific Information

Please contact ICCONS technical engineering department for specific design applications.

engineering@iccons.com.au

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Page 1 of 1