



PowerLite®

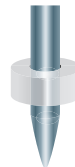
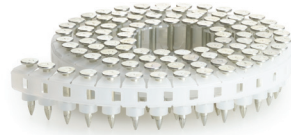
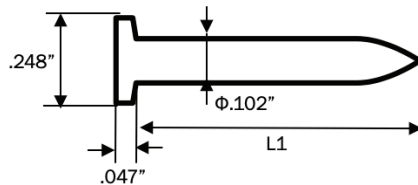
CP-C6##V6 .102" Pins for Concrete

MAX



Product Data

Dimensions



Plastic guide

Item name	L1	Guide	Pins/Coil	Case Qty.
CP-C619V6-ICC	3/4"	Plastic	100	1,000 Pins
CP-C624V6-ICC	15/16"	Plastic	100	1,000 Pins

General Information

Material : Carbon Steel
Hardness : $\geq$ HRC55
Electrogalvanized with a zinc cromate : $\geq 2\mu\text{m}$

Tool

PowerLite® HN25C
Concrete/ Steel Pinner



Approvals

ICC-ES
ESR-3275
ESR-4320
ESR-4320 LABC / LARC Supplement



Applications

Metal Track

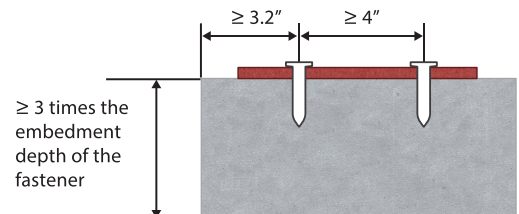


Metal Track



Application requirements

Thickness of Concrete : $\geq$ 3 times the embedment depth of the fastener
Edge distance : $\geq$ 3.2 inches
Spacing : $\geq$ 4.0 inches



Fastening to Concrete

Allowable Loads

- Normal weight concrete -

Allowable Loads (lbf)					
Concrete Compressive Strength		2,500 psi		4,000psi	
Load Direction		Tension	Shear	Tension	Shear
Minimum embedment depth	3/4"	100	140	145	205
	7/8"	145	220	220	230

- Concrete masonry -

Allowable Loads (lbf)		
Embedment depth	Hollow CMU	
	Face Shell	
	Tension	Shear
3/4"	95	130

CMU Type: Normal weight CMU

Mortar Type: Type S mortar



- Minimum 3,000 psi light weight concrete and light weight concrete filled steel deck panel -

Allowable Loads (lbf)					
		Fasteners Installed Directly into Concrete		Fasteners Installed Through Steel Deck Panel into Concrete	
Deck Type		n/a		3" Deep Steel Deck	
Load Direction		Tension	Shear	Lower Flute	
				Tension	Shear
Minimum embedment depth	3/4"	125	165	85	220
	7/8"	165	215	115	215

Deck panels must be minimum 0.0347-inch-thick with a specified yield strength of 50 ksi, and a minimum specified tensile strength of 65 ksi.

