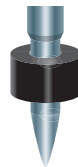
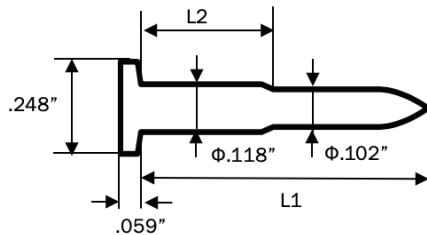




Product data

Dimensions



Plastic guide

Item name	L1	L2	Guide	Pins/Coil	Case Qty.
CP-W618W0SP	11/16"	5/16"	Plastic	100	1,000 Pins
CP-W616W0GP	5/8"	5/16"	Plastic	100	1,000 Pins

General Information

Material: Carbon Steel "SP" (CP-W618W0SP)
Carbon Steel "GP" (CP-W616W0GP)
Hardness: \geq HRC56(CP-W618W0SP)
 \geq HRC58(CP-W616W0GP)
Electrogalvanized with a zinc chromate: $\geq 2\mu\text{m}$

Tool

PowerLite HN25C
Concrete/ Steel Pinner



Approvals

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



Applications

■ Metal Track to Hard Concrete



Metal Track

■ Metal Track to Steel I-beam



Metal Track



Fastening to Concrete (CP-W618W0SP)

Allowable Loads

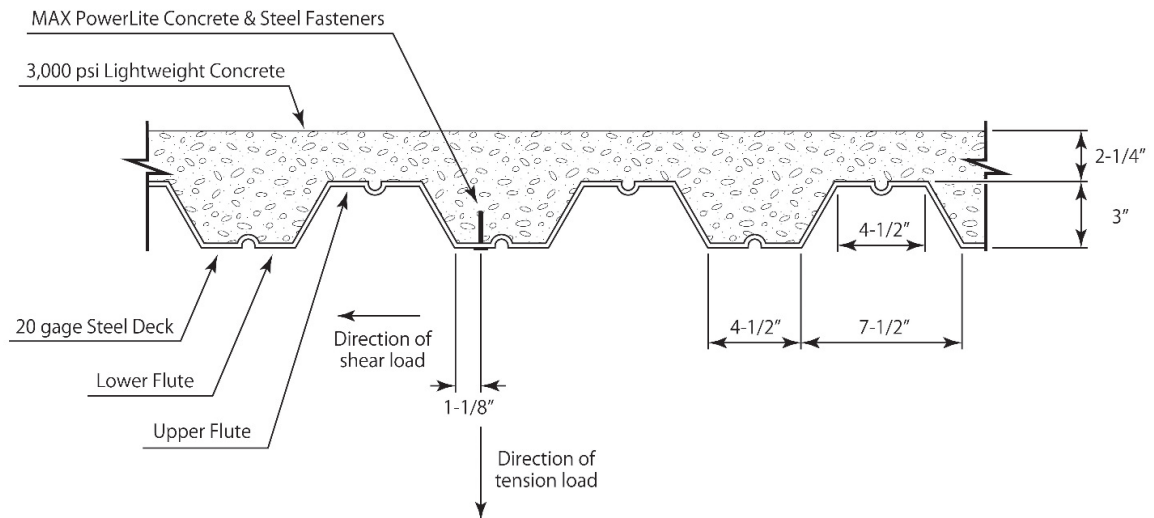
- Normal weight concrete -

Allowable Loads (lbf)							
Concrete Compressive Strength		2,500 psi		4,000psi		6,000psi	
Load Direction		Tension	Shear	Tension	Shear	Tension	Shear
Minimum embedment depth	19/32"	130	160	130	165	135	180

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

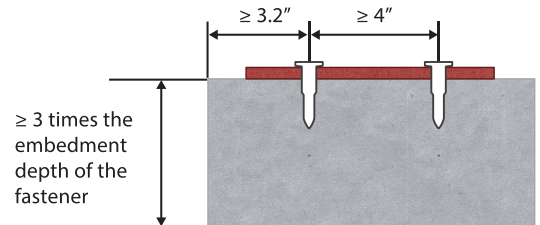
Allowable Loads (lbf)					
Deck Type		Fasteners Installed		Fasteners Installed	
Load Direction		n/a		3" Deep Steel Deck	
				Lower Flute	
		Tension	Shear	Tension	Shear
Minimum embedment depth	5/8"	80	100	25	175

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.



Application requirements

- Thickness of Concrete: ≥ 3 times the embedment depth of the fastener
- Edge distance: $\geq 3.2"$
- Spacing: $\geq 4"$



Fastening to Steel (CP-W616W0GP)

Allowable Loads

Allowable Loads (lbf)						
Steel Base Material	ASTM A36					
Steel Thickness	3/16"		1/4"		3/8"	
Minimum Point Penetration	0.26"		0.18"		0.03"	
Load Direction	Tension	Shear	Tension	Shear	Tension	Shear
	70	215	70	180	125	220
Steel Base Material	ASTM A572 Grade 50 or A992					
Steel Thickness	3/16"		1/4"		3/8"	
Minimum Point Penetration	0.26"		0.18"		0.03"	
Load Direction	Tension	Shear	Tension	Shear	Tension	Shear
	75	230	75	195	130	235

Fasteners must be driven to such an extent that the tabulated minimum point penetration is achieved.

ASTM A36 steel base material must have minimum yield and tensile strengths equal to 36 ksi and 58 ksi, respectively.

ASTM A572 or A992 steel base material must have minimum yield and tensile strengths equal to 50 ksi and 65 ksi, respectively.



Application requirements

- Thickness of Steel: $\leq 3/8"$
- Edge distance: $\geq 1.0"$
- Spacing: $\geq 0.5"$

