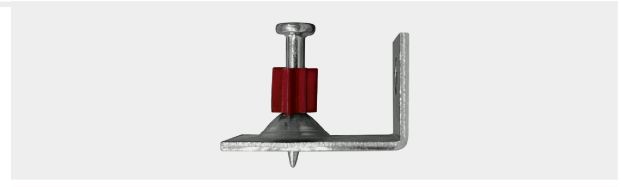




**Angle Clip & Pin
Zinc Plated**



Size	Part #	QTY
90° x 1-1/4"	PTSC90P1104	100

- material:** Pin : ASTM A510 Grade 1060 Carbon Steel Clip : ASTM A512 Grade 1010 Carbon Steel
- finish:** Mechanically zinc plated with a minimum thickness of .0002" (.005mm)
- application:** Used to attach wire for suspended ceilings to the supporting structure above
- installation:** Once attached to wire, the assembly can be installed with low velocity power actuated tools in poured concrete deck from the underside of the floor structure. Fastener penetration, spacing, edge distances as noted in the tables below.

Meet or exceeds the following specifications:

- AC 70** Criteria for powder actuated fasteners driven into concrete, steel and masonry elements
- ASTM B695** Standard specification for coatings of zinc mechanically deposited on iron and steel
- ASTM E1190** Standard test methods for strength of powder actuated fasteners installed in structural members

Allowable loads for installation in normal-weight concrete

Concrete Compressive Strength:	Embedment Depth (in)	Allowable Load (lbf)		
		Tension	Shear	45-Degree
	1	92	208	134

1. Fasteners must not be driven until the concrete has reached the specified compressive strength
2. Concrete thickness at the point of penetration must be a minimum of three times the embedment depth
3. The tabulated allowable loads apply to static load conditions

Allowable loads for installation in steel deck filled with sand-lightweight concrete that has a minimum compressive strength of 3000 PSI

Nominal Shank Diameter (in)	Shank Description	Minimum Embedment Depth (in)	Minimum Spacing (in)	Allowable Load (lbf)		
Deck Type:				3-INCH DEEP WITH TYPE STEEL DECK		
Fastener Location:				Upper Flute		Lower Flute
Load Direction:				Tension	Shear	Tension Shear 45-Degree
0.145	SMOOTH	1	4	157	192	93 181 141

1. Fasteners must not be driven until the concrete has reached the specified compressive strength
2. For the upper flute, the fastener edge distance must be a minimum 1 inch, the fastener spacing along the length of the steel deck panel must be a minimum of 4 inches center to center
3. For the lower flute, the fastener must be a minimum 1 inch to the adjacent long edge of the flute
4. The tabulated allowable loads apply to static load conditions

PTSC90P1104 | Revision 1.0 | 04.08.26

These figures are offered only as a guide and are not guaranteed in any way by International Fasteners, Inc. Appropriate safety factors should be applied to these values for specific purposes. All International Fasteners, Inc. fasteners are manufactured to International Fasteners, Inc.'s performance specifications and print drawings.