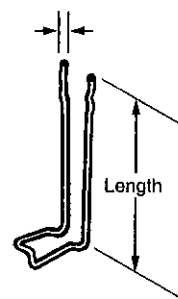


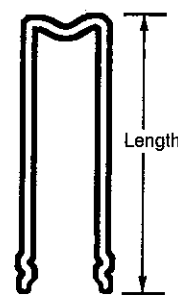
## P-14 Type L Connector Pin and P-15 Type M Connector Pin

The Dayton Superior Connector Pin is used to tie two wythes together. The pins work in tension and compression to resist wind pressure and suction. The pins also prevent bowing and separation of the individual wythes of the panel. The pins are produced from type 304 stainless steel for excellent corrosion resistance. Since the pins are made from small diameter wire, they are flexible and do not offer any resistance to movement from thermal stresses that build up in the panel.

The P-15 Type M Connector Pin is available in 4-3/4", 5-1/2" and 6-1/4" lengths. The P-14 Type L Connector Pin is available in lengths of 4-3/4", 5-1/2", 6-1/4" or 7-1/2". Maximum pin spacing is 4'-0" on center, or one pin for each 5 sq. ft. of panel area. However, pins should be spaced at 24" maximum on center along the panel edges.



P-14 Type L Connector Pin



P-15 Type M Connector Pin

### To Order:

Specify: (1) quantity, (2) name, (3) length

### Example:

200, P-14 Type L Connector Pins, 5-1/2" length

Connector Pin Selection Chart

Insulation Thickness	Safe Working Load Per Pin (lbs.)	
	Tension	Compression
1"	300	1,900
1-1/2"	300	800
2"	300	450
2-1/2"	300	300

Safe Working Load provides a factor of safety of approximately 3 to 1.

Minimum f<sub>c</sub> to be 3,000 psi.

Minimum embedment length of open end of pin is 2".

Note: 14 ga. pins are also available on special order.

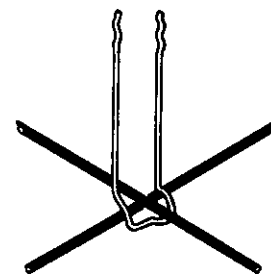
Maximum Pin Distance From Anchor Center

Insulation Thickness					
1"	1-1/4"	1-1/2"	1-3/4"	2"	2-1/2"
5'-0"	7'-0"	8'-6"	10'-0"	12'-0"	17'-0"

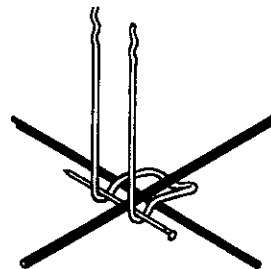
Maximum Height or Width of Non-Load Bearing Wythe

Insulation Thickness					
1"	1-1/4"	1-1/2"	1-3/4"	2"	2-1/2"
8'-0"	11'-0"	13'-0"	15'-0"	18'-0"	25'-0"

Note: Larger panel sizes may have non-load bearing wythe divided into two or more sections.



Preferred Attachment Method Type L Pin



Alternate Attachment Method Type L Pin

# Sandwich Panel Connectors



## P-9 Precast Sandwich Panel Tie

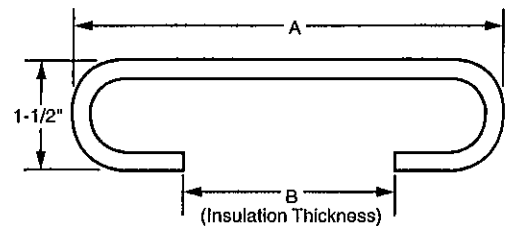
The Dayton Superior P-9 Precast Sandwich Panel Tie is manufactured to specifications from 3 gauge (0.243" diameter) stainless steel or galvanized wire.

Place the connectors at the edge of the foam insulation so the body of the tie is at the joint line between two pieces of foam. Next, the ends of the tie are rotated 90° so they bear against the foam insulation. Spacing of the panel connectors are per job requirements.

After the panel ties have been attached to the foam insulation, they are placed on the freshly placed bottom wythe of concrete. Later, the top wythe of concrete is placed.

The chart, below, lists the sizes of panel ties produced in the past for various precasters. Other sizes can be produced on special order.

P-9 Precast Sandwich Panel Tie							
A	3"	4"	4"	5"	6"	7"	8"
B	1"	1"	2"	3"	3"	3"	3"



P-9 Precast Sandwich Panel Tie

### To Order:

Specify (1) quantity, (2) name, (3) A & B dimensions (4) finish

### Example:

200 P-9 Precast Sandwich Panel Ties, A=4", B=2" stainless steel

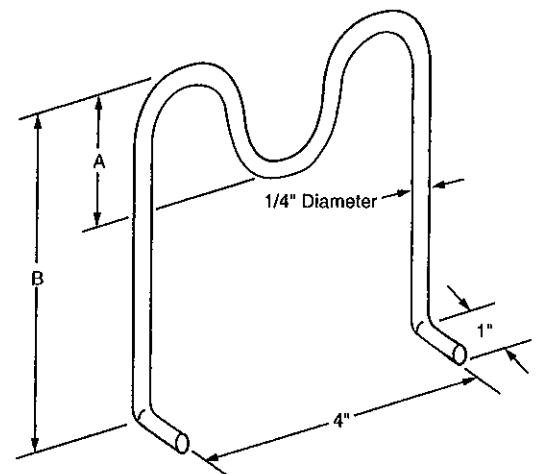
## P-37 "M" Anchor Shear Connector

The Dayton Superior P-37 M Anchor Shear Connector is available in various sizes. Fabricated from 1/4" diameter galvanized wire, these connectors are designed for use as a shear connector in precast concrete sandwich panels. For proper use, place the connectors at the following maximum spacing:

- 18" on center maximum across the width of the panel.
- 24" on center maximum along the length of the panel.
- Place additional connectors around the panel's lift points.

Edge distance requirements are 6" minimum center line to the panel end and 4" minimum center line to the panel's edge. Place connectors parallel to the length of the panel.

Minimum embedment at the open end is 2"



P-37 "M" Anchor Shear Connector

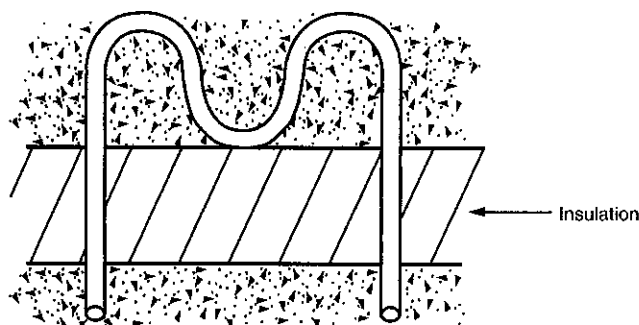
### To Order:

Specify (1) quantity, (2) name, (3) style

### Example:

1,200 P-37 "M" Anchor Shear Connectors  
No. CP107

P-37 "M" Anchor Shear Connectors			
Style	A	B	Maximum Insulation Thickness
CP106	2"	6"	2"
CP107	2"	7"	3"
CP206	1-1/2"	6"	2-1/2"
CP207	1-1/2"	7"	3-1/2"



Typical Installation