

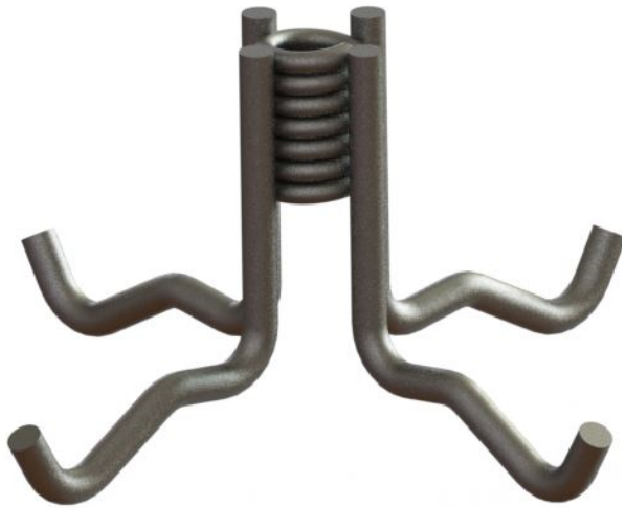
TECHNICAL DATA SHEET

DESCRIPTION

Dayton Superior P1 Single Pickup Inserts are available with electro galvanized finish, with or without plastic dipped feet. Also available in stainless steel wire with or without plastic dipped feet. Installed T21 Insert Locator Plugs are optional.

APPLICATION

P1 inserts are designed for use with T26 Swivel Lifting Plates. Do not use P1 inserts as an edge or end pickup insert.



HOW TO ORDER

The P1 Single Pickup Insert is a Made to Order product. Please call for lead times, pricing and availability.

MANUFACTURER

Dayton Superior Corporation
 1125 Byers Road
 Miamisburg, OH 45342
 Customer Service: 888-977-9600
 Technical Services: 877-266-7732
 Website: www.daytonsuperior.com

WARRANTY (ACCESSORIES)

Limited Warranty. Dayton warrants, for a period of 60 days from the date of shipment (three years from the date of shipment in the case of formwork, excluding any consumable Products included with such formwork), that Products and any associated application drawings and engineering services provided by Dayton ("Ancillary Services") will be free from defects in material and workmanship and, in the case of custom designed formwork, that the formwork will meet the specifications set forth in the design drawings approved by Dayton and Customer. Any claim under this warranty must be made in writing within such warranty period. If any Product and/or Ancillary Service covered by a timely claim are found to be defective, Dayton will, within a reasonable time, make any necessary repairs or corrections or, at Dayton's option, replace the Product. Unless pre-authorized by Dayton in writing, Dayton will not accept any charges for correcting defects or accept the return of any Product. This warranty will not apply to any Products that have been subjected to misuse, neglect, storage damage, misapplication, accident or any other damage caused by any person other than Dayton, or that have not been maintained in accordance with Dayton's specifications. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES AS TO THE PRODUCTS AND ANCILLARY SERVICES. DAYTON MAKES NO OTHER WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. THE REMEDIES SET FORTH IN THIS SECTION ARE CUSTOMER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY.

TECHNICAL DATA

- Standard insert heights are shown in the chart and other insert heights are available on special order
- Wire diameter = 0.440"

TECHNICAL DATA

P1, 1-1/4" DIA. Insert Height	INSERT SETBACK					
	1"		1-1/2"		2"	
	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
6"	7,454	4,554	8,276	4,770	9,126	4,981
7"	9,126	4,981	10,004	5,189	10,909	5,393
8"	10,909	5,393	10,909	5,593	10,909	5,791
P1, 1-1/4" DIA. Insert Height	2-1/2"		3"			
	TENSION	SHEAR	TENSION	SHEAR		
6"	10,004	5,189	10,909	5,393		
7"	10,909	5,593	10,909	5,791		
8"	10,909	5,985	10,909	6,177		

- Values shown are safe working load (lbs.) at a 4 to 1 safety factor based on 3,000 psi normal weight concrete, 15" edge distance recommended and minimum spacing between inserts is 30".
- Bottom of P1 insert is set on form deck.
- The increase factor for insert capacity in higher strength concrete take ($\sqrt{\text{actual psi} / \sqrt{3000 \text{ psi}}}$) and multiply by above values.
Example: in 4,000 psi concrete use ($\sqrt{4,000 \text{ psi} / \sqrt{3,000 \text{ psi}}}$) - 1.15 increase factor to above values. NOTE: This works up to the maximum mechanical safe working load of the insert's 4 wire legs which is 15,000 lbs. at a 4 to 1 safety factor.
- For lightweight concrete, over 110 pcf but less than 150 pcf, multiply the above values by 0.85.