

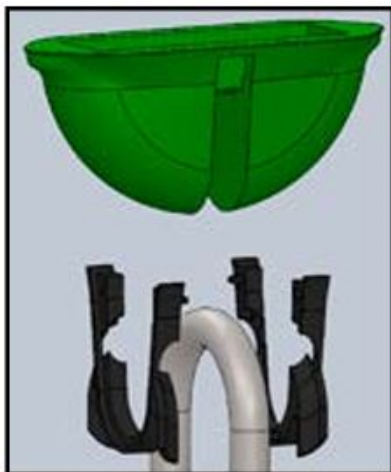
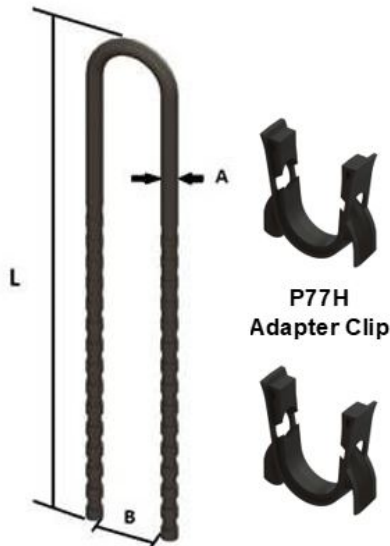
## TECHNICAL DATA SHEET

### DESCRIPTION

The P77H Double Tee Anchor is a high strength lifting anchor designed specifically for use within double tee concrete beams. The anchor utilizes an indent pattern that allows for tighter interfacing between the anchor and prestressed strands as well as secure anchorage into the concrete. This anchor was designed to be used in double tees with web spans and strand patterns that are too tight for typical lifting anchors. This anchor is offered in an 8T x 18" and 10T x 23" option.

### PRODUCT SPECIFICATION

- Slim design accommodates a wide range of web and strand applications.
- Available in 18" (8T) and 23" (10T) options
- Utilizes 8-12T P91 or T120 Ring Clutch



### FEATURES

- Indents along length of anchor leg allow for tighter web span use.
- Pairs with existing P99 void formers via two-piece adapter clip.
- Rated for 8T and 10T applications

### BENEFITS

- High strength material forces concrete failure, not steel failure.
- Provides a safer working environment by eliminating steel failure and allowing for greater reliability.
- Will fit around or between most typical single or double strand patterns, allowing for easy use in high congestion areas.

### TECHNICAL DATA

P77H Double Tee Anchor Technical Data					
Anchor Size (Ton x L) <sup>1</sup>	A	B	Ult Mech Load	Min Concrete psi <sup>3</sup>	SWL <sup>1,2,3</sup>
8T x 18"	0.75	2.75	64,000	3,500	14,000
				4,900	16,000
10T x 23"	0.75	2.75	80,000	3,500	15,000
				6,500	20,000

<sup>1</sup>SWL was obtained using 3/4" concrete coverage, minimum edge distance of 24", 0.5" setback, and factor of safety 4:1

<sup>2</sup>SWL was obtained through testing in unreinforced double tee with three prestressed strands

<sup>3</sup>Concrete strength of 3,900psi is used for first lift from form

### HOW TO ORDER

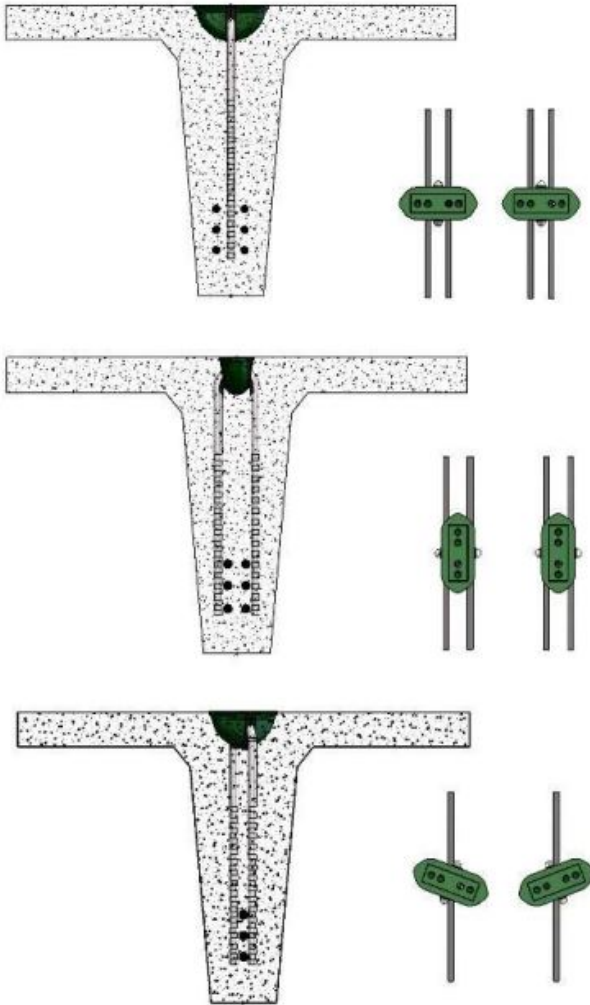
- Specify: (1) quantity, (2) name, (3) anchor size,  
Example:  
500 pcs, P77H Double Tee Anchor, 18"

### ORDERING INFORMATION

#### DOUBLE TEE ANCHOR - & ADAPTER CLIPS KIT

Product Code	Description	Weight
102432	P77H KIT - 8 TON 18" DOUBLE TEE ANCHOR & SET OF 2 ADAPTER CLIPS	4.352 LB
102433	P77H KIT - 10 TON 23" DOUBLE TEE ANCHOR & SET OF 2 ADAPTER CLIPS	5.454 LB

## TECHNICAL DATA SHEET

**RELATED PRODUCTS**

- P77H Adapter Clip- 2 clips per anchor are required (pictured above)
- P99 Void Former
- P91S Lifter 10-12 ton

**MANUFACTURER**

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