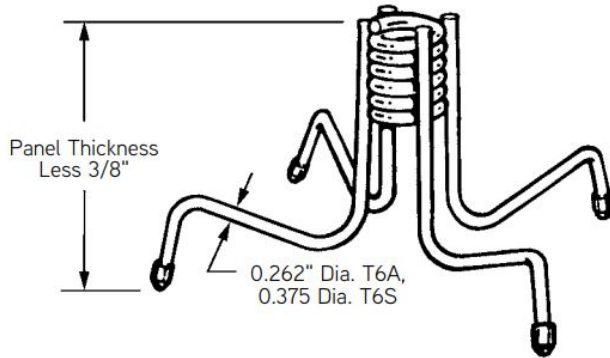


TECHNICAL DATA SHEET

APPLICATION

The Dayton Superior T6A and T6S Brace Anchors are 3/4" diameter coil inserts designed to be easily positioned and tied into the rebar mat of a tilt-up panel.



T6A and T6S Brace Anchor

FEATURES

- T6A and T6S anchors are furnished with plastic-tipped feet and a T21 Locator Plug
- T6A and T6S anchors are available with plastic dipped or stainless steel feet on special order
- T6A and T6S anchors are used with B14 coil bolt. The minimum coil penetration is 2-1/4"
- Setback from top of the panel to coil insert is 3/8"
- Corner or edge distances less than 1.5 times the embedment depth will proportionally reduce these ACI 318, App. D concrete limited capacities.
- Maximum Ultimate Load is 20,000 lbs for T6A and 36,000 lbs for T6S

TECHNICAL DATA

Ultimate Loads are based on 2,500 psi concrete

Insert Type	Panel Thickness	Ultimate Load		Torque Per Anchor	
		Tension (lbs)	Shear (lbs)	Minimum	Maximum
T6A or T4	5"	12,560	9,840	100 ft lbs	140 ft lbs
T6A or T4	7.25"	17,960	19,280	100 ft lbs	140 ft lbs
T6S	5"	12,560	9,840	100 ft lbs	140 ft lbs
T6S	6"	17,400	14,400	100 ft lbs	140 ft lbs
T6S	7"	22,720	19,280	100 ft lbs	140 ft lbs
T6S	7.5"	25,560	22,030	100 ft lbs	140 ft lbs
T6S	8"	28,500	24,930	100 ft lbs	140 ft lbs

RELATED PRODUCTS

- T21 Locator Plug
- B14 Coil Bolt

ORDERING INFORMATION

BRACE ANCHOR COIL INSERT - WITH 0.262" WIRE

Product Code	Description	Weight
49257	3/4" NOM DIA X 4" SLAB THICKNESS	0.70 LB
49260	3/4" NOM DIA X 5" SLAB THICKNESS	0.72 LB
49261	3/4" NOM DIA X 5-1/2" SLAB THICKNESS	0.75 LB
49262	3/4" NOM DIA X 6" SLAB THICKNESS	0.77 LB
49280	3/4" NOM DIA X 6-1/4" SLAB THICKNESS	0.79 LB
49263	3/4" NOM DIA X 6-1/2" SLAB THICKNESS	0.81 LB
49282	3/4" NOM DIA X 6-3/4" SLAB THICKNESS	0.83 LB
49264	3/4" NOM DIA X 7" SLAB THICKNESS	0.85 LB
49284	3/4" NOM DIA X 7-1/4" SLAB THICKNESS	0.87 LB
49265	3/4" NOM DIA X 7-1/2" SLAB THICKNESS	0.88 LB
124575	3/4" NOM DIA X 7-3/4" SLAB THICKNESS	0.90 LB
49266	3/4" NOM DIA X 8" SLAB THICKNESS	0.91 LB
122957	3/4" NOM DIA X 8-1/4" SLAB THICKNESS	0.92 LB
49267	3/4" NOM DIA X 8-1/2" SLAB THICKNESS	0.94 LB
124577	3/4" NOM DIA X 8-3/4" SLAB THICKNESS	0.96 LB
49268	3/4" NOM DIA X 9" SLAB THICKNESS	0.97 LB
49286	3/4" NOM DIA X 9-1/4" SLAB THICKNESS	0.99 LB
49269	3/4" NOM DIA X 9-1/2" SLAB THICKNESS	1.00 LB
49270	3/4" NOM DIA X 10" SLAB THICKNESS	1.05 LB
125406	3/4" NOM DIA X 10-1/4" SLAB THICKNESS	1.07 LB
49271	3/4" NOM DIA X 10-1/2" SLAB THICKNESS	1.08 LB
49272	3/4" NOM DIA X 11" SLAB THICKNESS	1.10 LB
122070	3/4" NOM DIA X 11-1/4" SLAB THICKNESS	1.12 LB
49273	3/4" NOM DIA X 11-1/2" SLAB THICKNESS	1.14 LB
49274	3/4" NOM DIA X 12" SLAB THICKNESS	1.16 LB

TECHNICAL DATA SHEET

BRACE ANCHOR COIL INSERT - WITH 0.375" WIRE

Product Code	Description	Weight
100446	3/4" NOM DIA X 9-1/4" SLAB THICKNESS 0.375" WIRE W/ T21 PLUG	1.34 LB
100447	3/4" NOM DIA X 9-1/2" SLAB THICKNESS 0.375" WIRE W/ T21 PLUG	1.36 LB
100448	3/4" NOM DIA X 9-3/4" SLAB THICKNESS 0.375" WIRE W/ T21 PLUG	1.39 LB
100449	3/4" NOM DIA X 10" SLAB THICKNESS 0.375" WIRE W/ T21 PLUG	1.41 LB
100451	3/4" NOM DIA X 10-1/2" SLAB THICKNESS 0.375" WIRE W/ T21 PLUG	1.51 LB
100452	3/4" NOM DIA X 11" SLAB THICKNESS 0.375" WIRE W/ T21 PLUG	1.53 LB
100453	3/4" NOM DIA X 11-1/4" SLAB THICKNESS 0.375" WIRE W/ T21 PLUG	1.56 LB
100454	3/4" NOM DIA X 11-1/2" SLAB THICKNESS 0.375" WIRE W/ T21 PLUG	1.59 LB
100455	3/4" NOM DIA X 12" SLAB THICKNESS 0.375" WIRE W/ T21 PLUG	1.61 LB

BRACE ANCHOR FOR FILL

Product Code	Description	Weight
48936	3/4" NOM DIA X 5" SLAB THICKNESS	1.06 LB
48940	3/4" NOM DIA X 6" SLAB THICKNESS	0.75 LB

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.

MANUFACTURER

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