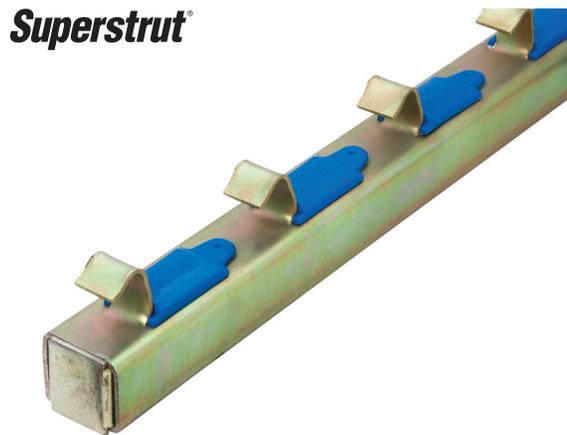


TECHNICAL DATA SHEET

Concrete insert channel series



Concrete insert channel series incorporates the use of seal caps and eliminates the need for styrene foam fill, saving installation time and clean-up time after installation. Seal caps can withstand higher concrete pressure during pour.

Certifications / Standards:

All Thomas & Betts products meet or exceed applicable industry specifications or codes which are detailed in the appropriate T&B® product literature.

Features & Benefits:

- Eliminates the need for styrene foam fill
- The continuous slot of the channel gives more flexibility to installation of attachments and their location points along the length of the channel
- Sealing caps include integrally sealed $\frac{3}{16}$ inch nail holes for ease of securing channel to wooden form
- Seal caps offer greater psi resistance than previous-generation foam-filled inserts
- A closure strip is included with the concrete insert for covering the continuous slot during concrete pour
- Standard GoldGalv® channel finish provides superior corrosion resistance compared to pre-galvanized channel
- Available in two heights and two lengths

Applications:

- For casting into concrete wall, floors or ceilings to provide attachment anywhere along the continuous slot
- New commercial construction
- New industrial construction

Material & Finishes:

- Cold-formed 12-gauge steel conforms to ASTM A1011 CS-B (33kpsi minimum yield)
- Standard GoldGalv® tri-valent and SilverGalv® (EG) zinc-plated finishes conform to ASTM B633
- Pre-galvanized (PG) conforms to ASTM A653 (33kpsi minimum yield)
- Hot-dipped galvanized (HG) conforms to ASTM A123 or A153

Design Data:

- The design load of 2,000 lbs. (8.89 kN) per foot of concrete insert channel length in 3,000 psi concrete
- Furnished with seal caps, two end caps on either end, and a removable plastic closure strip (black)
- 12-gauge steel
- 3/16-inch nail holes are located at each anchor location (4-inch centers) for securing channel to forms

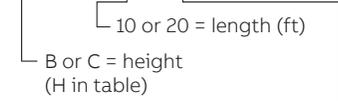
Part number information:

- Finish and material breakdown
- Consult Thomas & Betts for pricing and availability

Concrete insert channel

example: B302C 10EG

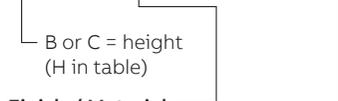
X|302C|XX|XXXX



End cap

example: B804CEG

X|804C|XXXX



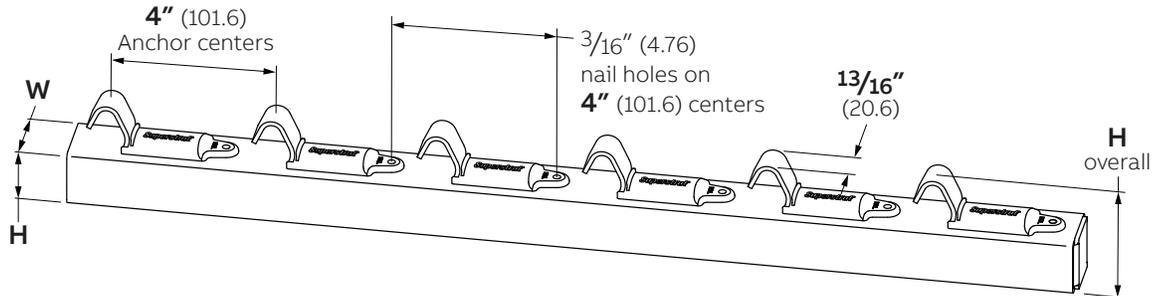
Finish / Material

- (Blank) = Standard GoldGalv®
- EG = SilverGalv®
- PG = Pregalvanized
- HDG = Hot-Dipped Galvanized
- SS-4 = Stainless Steel Type 304
- SS-6 = Stainless Steel Type 316

Product selection

Part no:	Channel Length ft (mm)	Wt./ft lbs. (kg)	W in (mm)	H in (mm)	H-overall in (mm)
B302C 10	10 (254)	1.32 (0.6)	1 ⁵ / ₈ (41.3)	1 ³ / ₁₆ (20.6)	2 ¹ / ₁₆ (52.4)
B302C 20	20 (508)	1.32 (0.6)	1 ⁵ / ₈ (41.3)	1 ³ / ₁₆ (20.6)	2 ¹ / ₁₆ (52.4)
C302C 10	10 (254)	1.72 (0.78)	1 ⁵ / ₈ (41.3)	1 ³ / ₈ (34.9)	2 ⁵ / ₈ (66.7)
C302C 20	20 (508)	1.72 (0.78)	1 ⁵ / ₈ (41.3)	1 ³ / ₈ (34.9)	2 ⁵ / ₈ (66.7)

Concrete insert channel furnished with an end cap at each end and a full length closure strip.
Note: Product must be installed in accordance with applicable local codes and standards.



Closure strip
460-10TB

(Closure Strip are sold in 10-ft lengths and only in black.
Only order when additional Closure Strips are needed.)



End cap
B804C
C804C