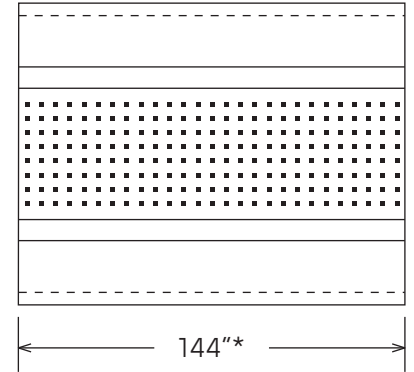
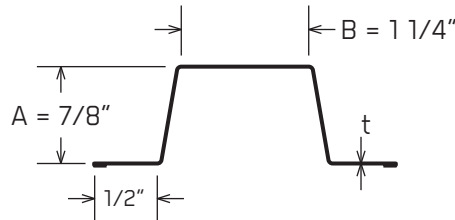




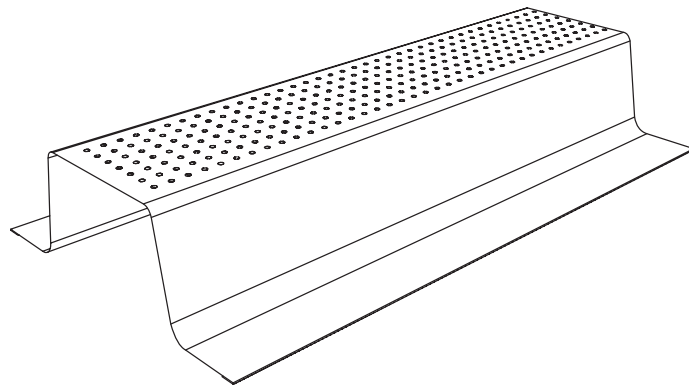
FURRING CHANNEL

SPECIFICATION SHEET



Dimensions in compliance with C645-18

*Other lengths available on request



Stud in compliance with standards:

CAN/CSA S136-16 / ASTM A653-20, C645-18, C754-20 / AISI S220-2015

LEGEND:

- A = Depth (in)
- B = Flange (in)
- t = Minimum thickness of steel design coating not included (in)

NOMENCLATURE (AISI-S201-17)

- Example: 87F125-18
- 87 A: $7/8 = 0.875$
- F Stud type: S = Stud T = Track F = Furring channel ST = Slotted track U = Channel
- 125 B: $1-1/4 = 1.250$
- 18 t: 18 = 18 Mils

Québec

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Boucherville

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FURRING CHANNEL

CONFIGURATIONS

A (in)	B (in)	t (Mils)
7/8 (0.875)	1-1/4 (1.25)	18-33-43-54

THICKNESS

For table calculations, the standard S136-16 prescribes the thickness of the material used.

Nominal:	Thickness used - steel without protective coating for table calculations
Minimum (t):	Minimum steel thickness allowed without protective coating (95% of design)
Coating:	Protective coating applied to the steel. G40 = 0.40 oz/ft ² G60 = 0.60 oz/ft ² G90 = 0.90 oz/ft ² 1 oz/ft ² estimated 0.00168 in. total both sides (standard A653 8.1.3-20)
Measured:	Minimum measured thickness of a stud with protective coating (final product)

min (Mils)	nominal t (in)	minimum (95% nominal)	G	minimum coating oz/ft ²	(in)	Measured (in)	Grade ksi
18	0.0188	0.0179	40	0.40	0.0007	0.0186	33
33	0.0346	0.0329	60	0.60	0.0010	0.0339	33
43	0.0451	0.0428	60	0.60	0.0010	0.0438	33
54	0.0566	0.0538	60	0.60	0.0010	0.0548	50
33	0.0346	0.0329	90	0.90	0.0015	0.0344	33
43	0.0451	0.0428	90	0.90	0.0015	0.0443	33
54	0.0566	0.0538	90	0.90	0.0015	0.0553	50

CAN/CSA S136-16 : Spécification nord-américaine pour le calcul des éléments de charpente en acier formés à froid

ASTM A653-20 : "Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvanealed) by Hot Dip Process"

ASTM C645-18 : "Standard Specification for Nonstructural Steel Framing Members"

AISI S220-2015 : "North American Standard for Cold-Formed Steel Framing"

ASTM C754-20 : "Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products"



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May 2022