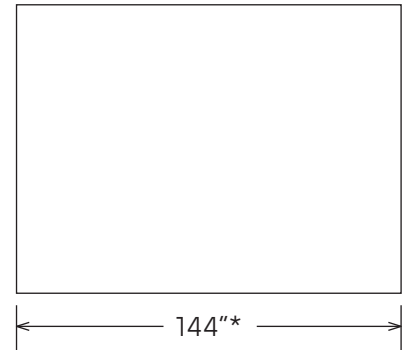
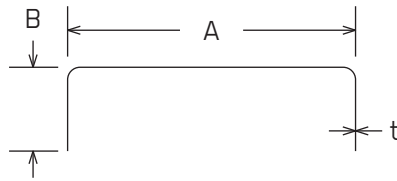


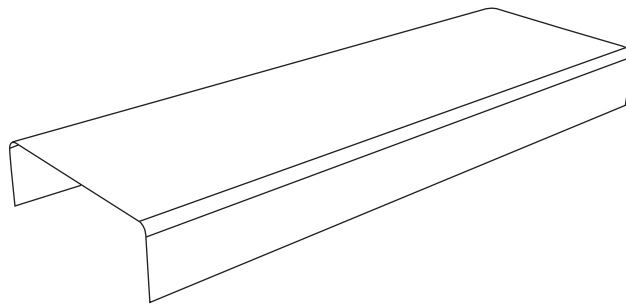


CHANNEL

SPECIFICATION SHEET



*Other lengths available on request



Profile in compliance with standards:

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

LEGEND:

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

NOMENCLATURE (AISI-S201-17)

Example:	150U50-43
150	A: 1 1/2 = 150
U	Stud type: S = Stud T = Track F = Furring channel ST = Slotted track U = Channel
50	B: 1/2 = 50
43	t: 43 = 43 Mils

Québec

418-871-8088

800-871-5818

Boucherville

450-655-5100

2025-09-08

CHANNEL

CONFIGURATIONS

A (in)	B (in)	t (Mils)
1-1/2(150)	1/2 (50)	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
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"



MANUGYPSE

Québec 418-871-8088 • 800-871-5818

Boucherville 450-655-5100

2025-09-08