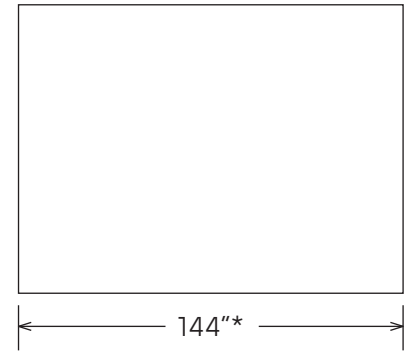
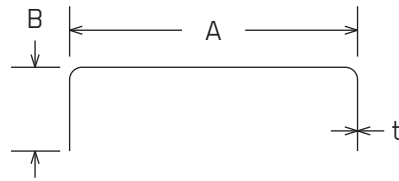


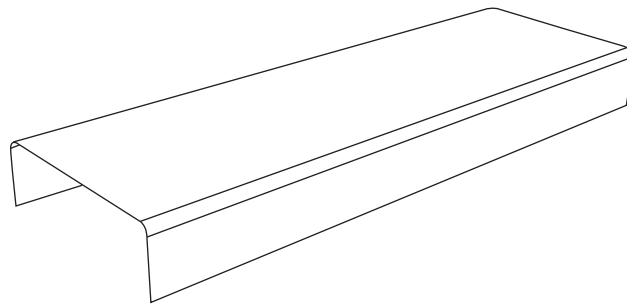


CHANNEL

SPECIFICATION SHEET



*Other lengths available on request



Stud 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 Mills

Québec
418-871-8088
800-871-5818
Boucherville
450-655-5100

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	60	0.60	0.0010	0.0438	33
54	0.0566	0.0538	60	0.60	0.0010	0.0548	50
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

July 2022