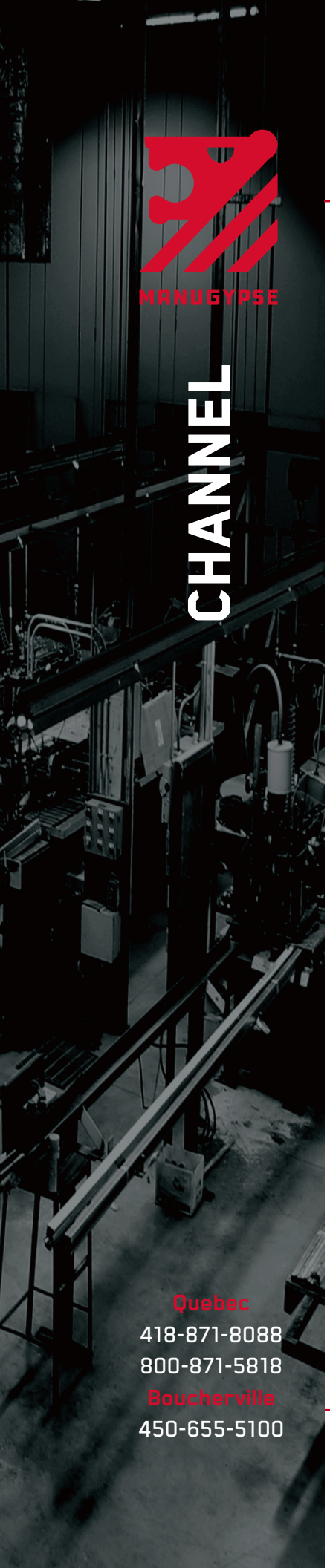

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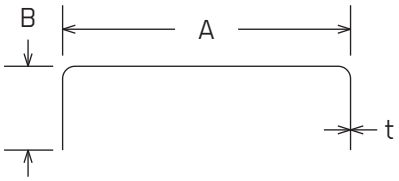
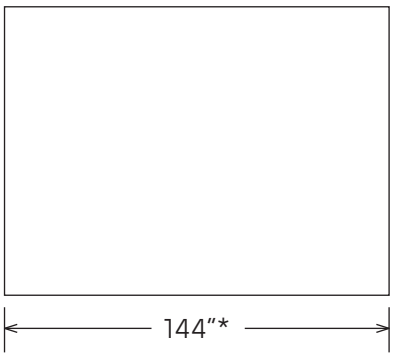
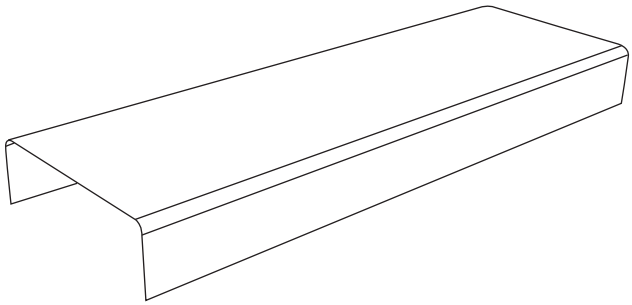
## SPECIFICATION SHEET




*Other Lengths Available On Request



Stud in compliance with standards;
CAN/CSA S136-12 / ASTM A653-11 / AISI S201-12

**Legend:**

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

**CSSBI NOMENCLATURE (AISI - S201-12)**

| | |
|---|---|
| Example: | 150U50-43 |
| 150 | A: 1 1/2 = 150 |
| U | Stud type: U = U-Stud |
| 50 | B: 1/2 = 50 |
| 43 | t: 43 = 43 mils |

CSSBI
Canadian Sheet Steel Building Institute

Nov. 2017

# CHANNEL

## CONFIGURATIONS

| A (in) | B (in) | t (mils) |
|---|---|---|
| 1-1/2 (150) | 1/2 (50) | 43 - 54 |

## THICKNESS

For table calculations, the standard S136-12 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 / ft2 G60 = 0.60 oz / ft2
1 oz / sq. ft. estimated .00168 in. total both sides (standard A653 8.1.3-11)
Measured: Minimum measured thickness of a stud with protective coating (final product)

| min (mils) | nominal t (in) | minimum (95% nominal) | minimum coating G | oz/ft2 | (in) | Measured (in) | Grade ksi |
|---|---|---|---|---|---|---|---|
| 43 | 0.0451 | 0.0428 | 60 | 0.60 | 0.00101 | 0.0439 | 33 |
| 54 | 0.0566 | 0.0538 | 60 | 0.60 | 0.00101 | 0.0548 | 50 |

CAN/CSA S136-12 : North American Specification for the Design of Cold-Formed Steel Structural Members
ASTM A653-11 : Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvanealed) by Hot Dip Process
AISI S201-12 : North American Standard for Cold-Formed Steel Framing

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