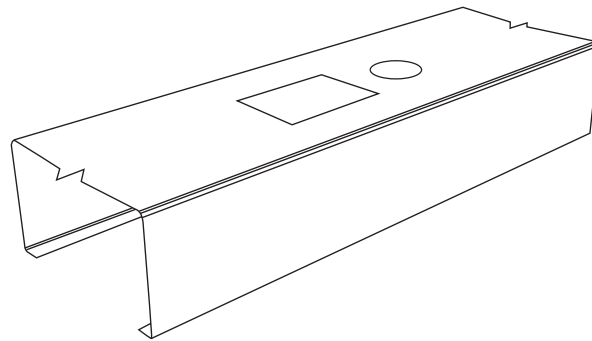
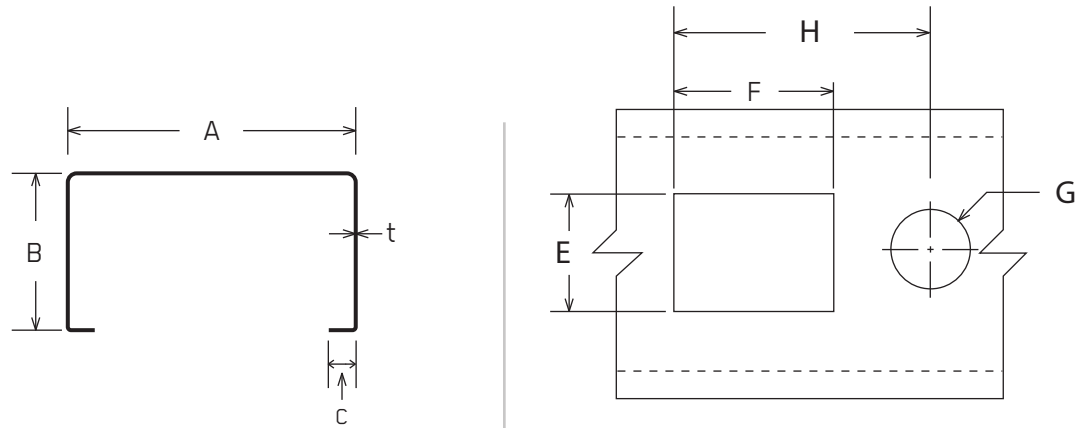




STEEL STUD

SPECIFICATION SHEET



Stud in compliance with standards:
 CAN/CSA S136-16 / ASTM A653-20, ASTM C645-18 (33 Mils) / AISI S240-2015

LEGEND:

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

CSSBI NOMENCLATURE (AISI-S201-17)

Example: CSSBI/ICTAB 61-MG 362S125-33 33 Ksi G40 XXXX
 362 A: 3-5/8 = 3.625
 S Stud type: S = Stud T = Track F = Furring channel ST = Slotted track U = Channel
 125 B: 1-1/4 = 1.250
 33 t: 33 = 33 Mils

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May 2022

STEEL STUD

CONFIGURATIONS							
A* (in)	B* (in)	t (Mils)	C (in)	E** (in)	F (in)	G (in)	H (in)
1-5/8 (162)	1-1/4 (125)	33*	3/16	3/4	2	3/4	3
2-1/2 (250)	1-1/4 (125)	33*-43	3/16	3/4	2	3/4	3
3-5/8 (362)	1-1/4 (125)	33*-43-54	3/16	1-1/2	2	1-3/8	3-1/4
	1-5/8 (162)	33-43-54-68-97	1/2	1-1/2	2	1-3/8	3-1/4
6 (600)	1-1/4 (125)	33*-43-54	3/16	1-1/2	2	1-3/8	3-1/4
	1-5/8 (162)	33-43-54-68-97	1/2	1-1/2	2	1-3/8	3-1/4
8 (800)	1-5/8 (162)	33-43-54-68-97	1/2	1-1/2	2	1-3/8	3-1/4

*other dimensions on request **AISI S240-2015 : Maximum 50% of "A"

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
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
68	0.0713	0.0677	60	0.60	0.0010	0.0687	50
97	0.1017	0.0966	60	0.60	0.0010	0.0976	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
68	0.0713	0.0677	90	0.90	0.0015	0.0692	50
97	0.1017	0.0966	90	0.90	0.0015	0.0981	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 S240-2015 : "North American Standard for Cold-Formed Steel Framing"



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