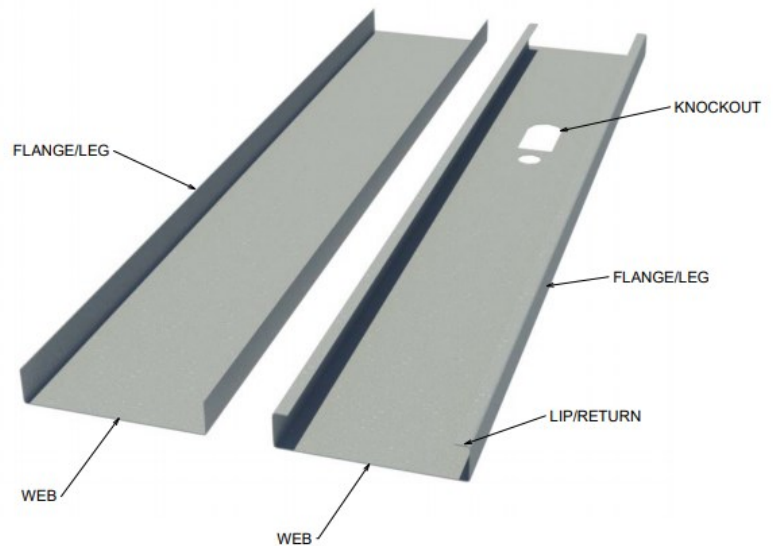


HEAVY GAUGE FRAMING

DATA SHEET



DCM heavy gauge studs are made in a variety of flange widths to meet different applications, including curtain wall framing (wind load studs), combined wind and axial loadbearing, and for demising walls and corridors that exceed limiting heights for non-loadbearing studs.

Standard Thicknesses - Structural Members

Designation Thickness	Minimum Base Steel Thickness		Design Thickness	
	mils	(inch)	(mm)	(inch)
33	0.0329	0.836	0.0346	0.879
43	0.0428	1.087	0.0451	1.146
54	0.0538	1.367	0.0566	1.438
68	0.0677	1.720	0.0713	1.811
97	0.0966	2.454	0.1017	2.583

Standard Dimensions for Heavy Gauge Studs

Web Depth		
Depth Designation	Design Depth	
	(inch)	(mm)
162	1-5/8	41.3
250	2-1/2	63.5
362	3-5/8	92.1
400	4	102
600	6	152
800	8	203

Flange Width		
Width Designation	Design Depth	
	(inch)	(mm)
125	1-1/4	31.8
162	1-5/8	41.3
200	2	50.8
250	2-1/2	63.5
300	3	76.2
350	3-1/2	88.9

Note: not all shapes are available in every standard thickness.

Design Lip Length for Heavy Gauge Studs

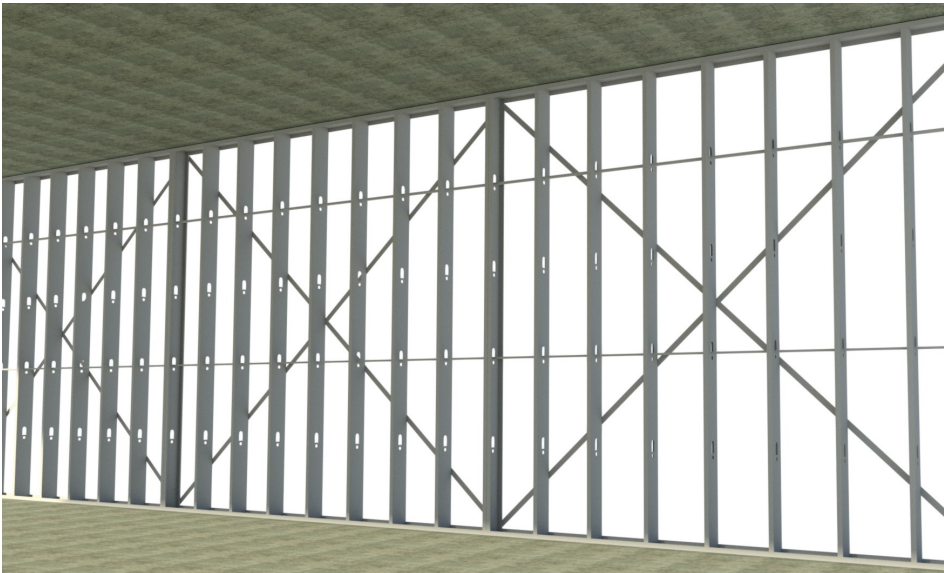
Section	Flange Width		Design Lip Length	
	(inch)	(mm)	(inch)	(mm)
S125	1-1/4	31.8	3/16	4.8
S162	1-5/8	41.3	1/2	12.7
S200	2	50.8	5/8	15.9
S250	2-1/2	63.5	5/8	15.9
S300	3	76.2	5/8	15.9
S350	3-1/2	88.9	1	25.4

Standard Dimensions for Heavy Gauge Tracks

Web Depth		
Depth Designation	Design Depth	
	(inch)	(mm)
162	1-5/8	41.3
250	2-1/2	63.5
362	3-5/8	92.1
400	4	102
600	6	152
800	8	203

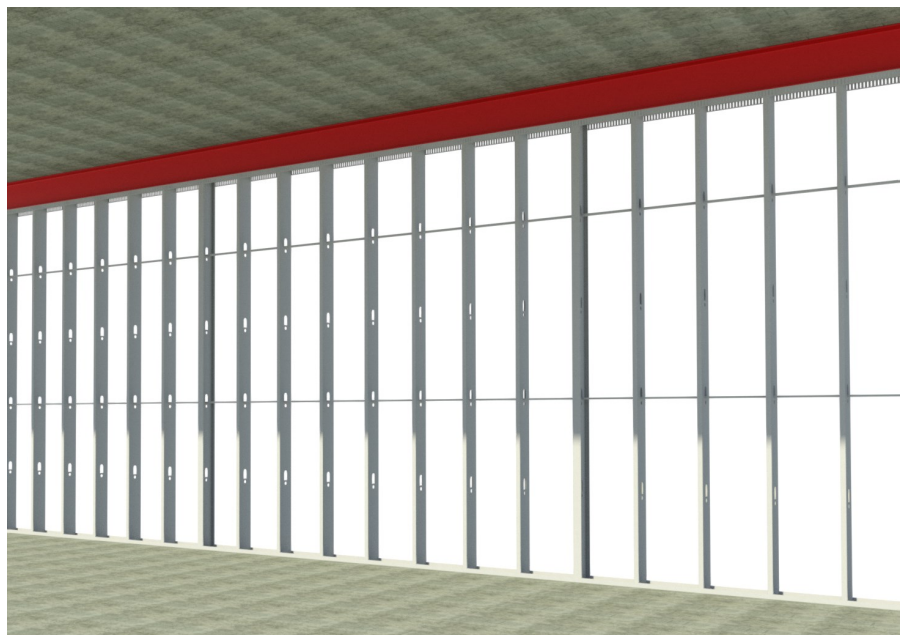
Flange Width		
Depth Designation	Design Depth	
	(inch)	(mm)
125	1-1/4	31.8
200	2	50.8
250	2-1/2	63.5
300	3	76.2

Note: not all shapes are available in every standard thickness.



Heavy gauge studs used in combined wind and axial load-bearing application

Heavy gauge studs used as an infill to structural steel for wind load application



Material:

Tensile Strength: 33 mils (20ga) and 43 mils (18ga) framing products are produced with 33ksi steel. 54 mils (16ga), 68 mils (14ga) and 97 mils (12ga) products are produced with 50ksi steel.

Standard coating: G60 (G90 available on request).
All studs are color coded for easy identification.

Manufactured in accordance with CAN/CSA S-136-16 (North American specification for the design of cold-formed steel structural members), ASTM A653/A653M (Standard for steel sheet, zinc-coated (galvanized) or zinc-iron alloy-coated by the hot-dip process), ASTM C645 (Standard specification for non-structural steel framing members), and Standard CSSBI 61-18 (Manufacturer Certification Requirements for Cold Formed Steel Framing Members - Certificate of Registration reference number Q107858).



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