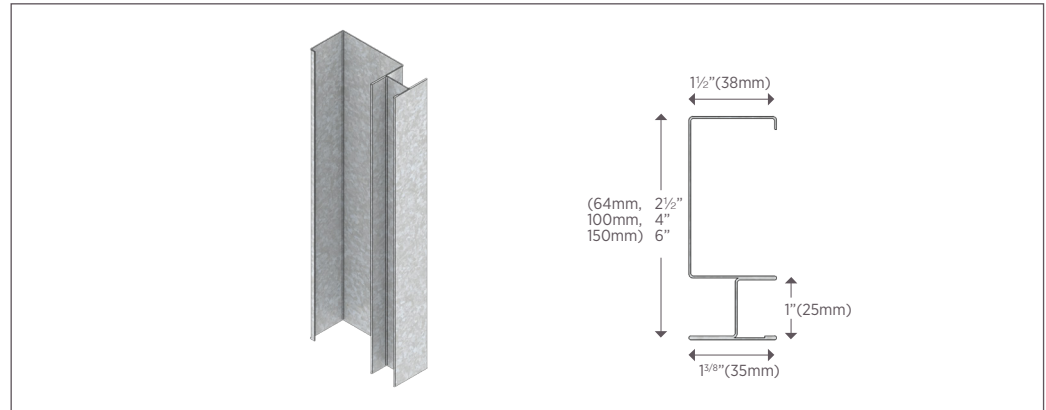


CH-STUD SHAFTWALL FRAMING SYSTEMS

212	CH-34	
400	CH-34	
600	CH-34	
Width	CH-Stud	Thickness



DESCRIPTION

Used as vertical C channels for Shaftwall installations when access is only possible from the outside of the shaft, CH-Studs are created to hold up adjacent Shaftwall boards in the H profile as friction fit sliding. Along with J-Runner deflection head tracks and bottom J-Runner, are utilized throughout the wall system. Outer layer wallboard can be directly fixed at the C profile outer face.

MATERIAL PROPERTIES

Yield stress, Fy 33 ksi Ultimate, with G40-G90 Zinc coating

ASTM & CODE STANDARDS

- Shaftwall Studs are produced to meet ASTM C645 and C955
- Galvanized sheet steel meets requirements of ASTM A-653
- For installation & storage information refer to ASTM C1007 & C754

SECTION & MATERIAL PROPERTIES

Type	Thickness (mm)	Flange (mm)	Width (mm)	Section Area (mm ²)	Centroid (mm)	Moment of Inertia(Ixx) (mm ⁴)	Section Modulus (Sx)(mm ³)	Radius of Gyration (mm)	Steel Mechanical Properties		
									Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation (%)
CH-STUD	0.60	38 / 35	64	129.6	29.30	67,986.00	1,959.00	22.90	297-308	366-372	29-30
	0.80	38 / 35		172.8	29.37	89,807.00	2,593.00	22.80	297-308	366-372	30-31
	0.90	38 / 35		194.4	29.40	100,564.00	2,907.00	22.74	297-308	366-372	30-31
	0.60	38 / 35	100	151.2	52.35	188,123.00	3,949.00	35.27	297-308	366-372	29-30
	0.80	38 / 35		201.6	52.44	249,261.00	5,241.00	35.16	297-308	366-372	30-31
	0.90	38 / 35		226.8	52.47	279,539.00	5,882.00	35.11	297-308	366-372	30-31
	0.60	38 / 35	150	182.4	84.40	482,604.00	7,357.00	51.44	297-308	366-372	29-30
	0.80	38 / 35		243.2	84.47	640,890.00	9,781.00	51.33	297-308	366-372	30-31
	0.90	38 / 35		273.6	84.52	719,553.00	10,988.00	51.28	297-308	366-372	30-31

GREEN BENEFITS AND RECYCLED CONTENT

- LEED Credit MR 2 – USG products are manufactured from cold formed steel. Steel is 100% recyclable, which helps divert debris from the waste stream.
- LEED Credit MR 4 – USG's steel products have a minimum of 25.5% post-consumer recycled content, and 6.8% pre-consumer.

REFERENCES

For further health and safety instructions, refer to the Safety Data Sheet (SDS) for this product, available from your USG Middle East sales office or **USGme.com**

Disclaimer:

Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website **usgme.com** for the most up-to-date and accurate product information.

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