



Product Specification and Submittal Form

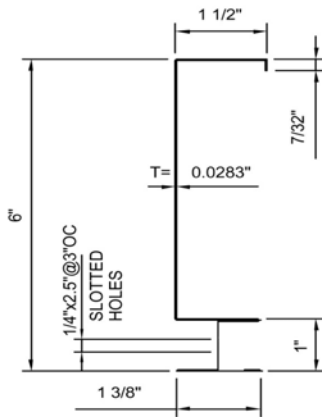
SHAFT-WALL STUD

MANUFACTURER

Steeler, Inc.
10023 Martin Luther King Jr. Way S.
Seattle, WA 98178
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DESCRIPTION

Shaft-Wall Studs are fabricated in 2-1/2", 4" and 6" widths from 24mil gauge to 33 mil steel, 1 1/2" deep. All edges (except for one lip return) are hemmed.



MATERIALS

Shaft-Wall Stud section is fabricated from hot dipped galvanized steel conforming to ASTM A653 or equal, Grade 33 (fy=33KSI).

REFERENCES

- UL Fire Resistance Rating ANSI/UL 263: Design No. U428, U429, U438, U459, U467, U469, U492.
- UL Technical Services: Conformity Assessment Services (CAS)

ASTM & Code Standards

- AISI, North American Specification for the Design of Cold-Formed Steel Structural Members 2001 Edition with 2004 Supplement
- ASTM A370, Standard Test Methods and Definitions for Mechanical Testing of Steel Products
- ASTM A1003, Standard Specification for Sheet Steel, Carbon, Metallic and Non-Metallic Coating for Cold-Formed Framing Members.
- Steeler's structural framing comply with 2006 International Building Code (IBC- 2006)
- ASTM C645, Standard Specification for Nonstructural Steel Framing Members.
- ASTM C955, Standard Specification for Structural Steel Framing Members.
- ASTM C754, Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products.
- ASTM C1513, Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections.

COLOR CODE

- 24 mil - Brown
- 30 mil - Pink
- 33 mil - White
- Painted on ends.

STEELER SHAFT WALL STUD MEMBER PROPERTY TABLES

Member ID	D, in	Ae, in ²	Wt, plf	Ixe, in ⁴	Sxe, in ³	Max, k-in	Vay, kips
250H150-24	2.50	0.1513	0.6937	0.1314	0.0839	2.513	0.943
250H150-27	2.50	0.1994	0.7906	0.1651	0.1103	2.179	0.462
250H150-30	2.50	0.2270	0.8678	0.1829	0.1234	2.439	0.508
250H150-33	2.50	0.2576	0.9575	0.2040	0.1393	2.752	0.562
400H150-24	4.00	0.1542	0.8197	0.3542	0.1308	3.917	0.595
400H150-27	4.00	0.2059	0.9350	0.4812	0.1917	3.789	0.685
400H150-30	4.00	0.2358	1.0270	0.5523	0.2256	4.458	0.832
400H150-33	4.00	0.2698	1.1340	0.6279	0.2611	5.160	1.024
600H150-24	6.00	0.1552	0.9877	0.853	0.2003	5.998	0.278
600H150-27	6.00	0.2083	1.1274	1.1442	0.2839	5.783	0.418
600H150-30	6.00	0.2389	1.2391	1.3023	0.3285	6.491	0.561
600H150-33	6.00	0.2742	1.3693	1.4998	0.3868	7.643	0.766