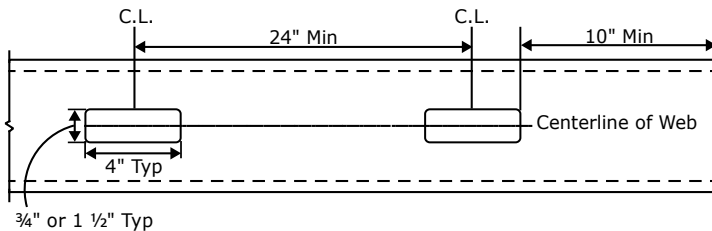


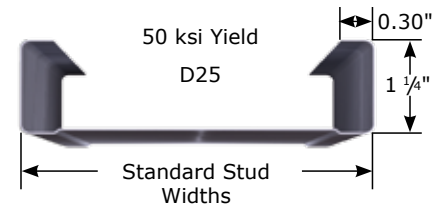
General Notes for All Tables

1. The values in this catalog are based on the North American Specification for the Design of Cold-Formed Steel Structural Members, AISI S100-16 with Supplement S2-20 as referenced by the 2018 and 2021 IBC.
2. Where AISI S100 is referenced, it is the North American Specification for the Design of Cold-Formed Steel Structural Members, S100-16 with Supplement S2-20 as referenced by the 2018 and 2021 IBC.
3. The structural properties included in this catalog have been computed based on allowable strength design (ASD) method.
4. Distortional buckling calculations are based on $K\phi = 0$.
5. The effective moment of inertia for deflection is calculated at a stress that results in a section modulus such that the stress times the section modulus at that stress is equal to the allowable moment. AISI S100 Procedure I for serviceability determination has been used.
6. Conditions with loads that exceed the 10 psf limit for nonstructural members require an approved G60 coating.
7. When provided, factory punchouts will be located along the center line of the webs of the stud members and will have a minimum center-to-center spacing of 24". Punchouts for members greater than 2 1/2" deep are a maximum of 1 1/2" wide x 4 1/2" long. Members with depths 2 1/2" and smaller are maximum 3/4" wide x 4 1/2" long. Any configuration or combination of holes that fit within the punchout width and length limitations mentioned above shall be permitted; other punchout configurations and locations not in compliance with limitations listed above must be approved by a design professional. Values herein are based on punchout configuration and location as illustrated below.
8. The 10" end distance shown may be altered if calculations are in conformance with code.



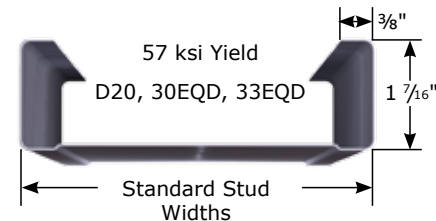
Supreme Stud Profiles

Non-Structural



Available Sizes

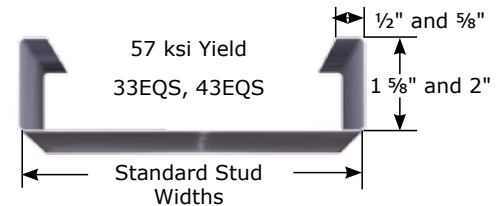
1 5/8", 2 1/2", 3 1/2", 3 5/8", 4", 5 1/2" and 6"



Available Sizes

1 5/8", 2 1/2", 3 1/2", 3 5/8", 4", 5 1/2" and 6"

Structural



Available Sizes

2 1/2", 3 1/2", 3 5/8", 4", 5 1/2", 6", and *8"

*available in 43EQS only

Steel Thickness and Stiffening Lip Length

Steel Thickness Table

Designation Thickness	Minimum Thickness ¹ (in)	Design Thickness ¹ (in)	Design Inside Corner Radii (in)	Galvanized Thickness
D25	0.0147	0.0155	0.0860	G40
D20	0.0179	0.0188	0.0844	G40
30EQD	0.0223	0.0235	0.0820	G40
33EQD	0.0223	0.0235	0.0820	G60
33EQS	0.0280	0.0295	0.0790	G60
43EQS	0.0380	0.0400	0.0712	G60

¹Minimum thickness represents 95% of the design thickness and is the minimum acceptable thickness delivered to the jobsite based on AISI S100

Stiffening Lip Length

Member	Flange Width	Stiffening Lip Length (in)
SFS125	1 1/4"	0.300
SFS	1 7/16"	0.375
SFS162	1 3/8"	0.500
SFS200	2"	0.625