

## Resilient Channel

Resilient channel may be used to reduce sound transmission from gypsum to steel framing member assemblies. Resilient Channel is available in 1-1/4" screw flanges. Resilient channel is available in 18 and 30 mil thicknesses (25-20ga.). Standard channel lengths are 12 foot long. Custom resilient channel lengths are available on request.

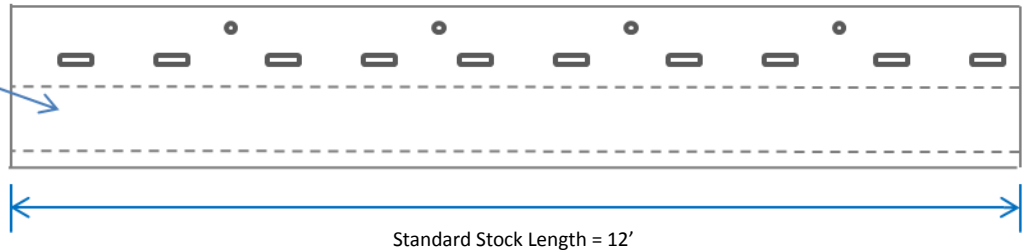
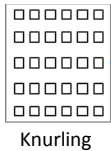
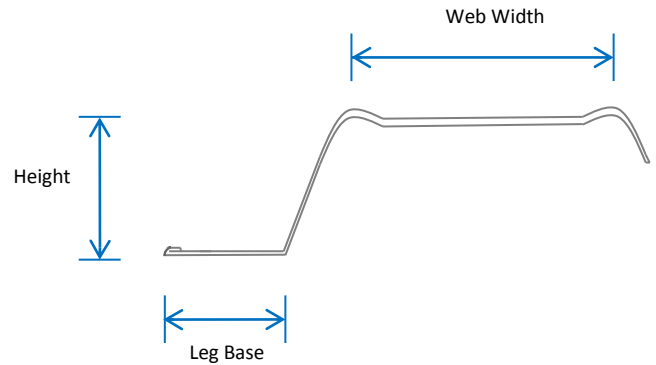
### Steel Thickness

Mils	Gauge	Thickness (in)	
		Design	Minimum <sup>1</sup>
18	25	0.0188	0.0179
30	20	0.0312	0.0296

<sup>1</sup> Minimum Thickness represents 95% of the design thickness and is the minimum acceptable thickness delivered to the job site based on Section A3.4 of the 1996 AISI Specification.

### Dimensions

Web Width	1.25 in
Leg Base	0.50 in
Height	0.50 in
Yield Strength	33 ksi
Coating	G40EQ



### General Notes

- Physical properties have been calculated in conformance with the 2001 NASPEC for the Design of Cold-Formed Steel Structural Members, including the 2004 Supplement, and the IBC 2006, unless noted otherwise.
- Drywall framing members have a protective coating conforming to ASTM spec A 653/A 653M, G-40 min, or equivalent corrosion resistance.
- Reference ASTM specification A 1003/A 1003 M table 1 for the universe of allowable coatings for light gauge steel framing.
- All delivered material must be kept dry, preferably by being stored inside a building under a roof. If it is necessary to store material outside, it must be stacked off the ground, properly supported on a level platform, and fully protected from the weather. Reference ASTM C 754 section 8 and ASTM C 1007 section 4.
- Drywall framing [nonstructural 25 gauge, 22 gauge and 20 gauge] is not permitted in load bearing (i.e. axial load greater than 200 lbs.) or exterior applications (i.e. transverse load greater than 10 PSF). Reference ASTM C 645 section 3.2.2.

### LEED Green Building Credits

MR Credit 2: Construction Waste Management – MBA steel framing is 100% recyclable.

MR Credit 4: Recycled Content – MBA steel framing is formed from no less than 25.5% post-consumer and 6.8% pre-consumer recycled content.

MR Credit 5: Regional Materials – MBA has manufacturing facilities in multiple states.