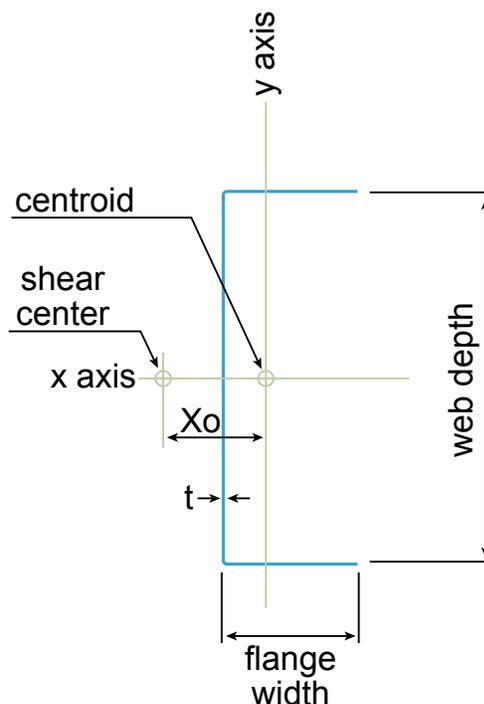**Super Stud**

SFIA MEMBER

362T125-30 DW30 Track

Product Description: 3-5/8" Track 20GA (1 1/4" Leg, 30mil)

Coating: G60 (standard), G90 (special order)

Specification Section: 09.22.16 (Non-Structural Metal Framing)

GEOMETRIC PROPERTIES			
Web Depth	3.625 in.	Yield Strength, Fy	33 ksi
Flange Width	1.25 in.	Design Thickness	0.0312 in.
		Min. Design Thickness	0.0296 in.

GROSS PROPERTIES		
Area (in²)	Total cross-sectional steel area	0.191
Weight (lb/ft)	Linear weight per foot	0.65
Ix (in⁴)	Moment of inertia about the x-axis	0.395
Sx (in³)	Section modulus about the x-axis	0.210
Rx (in)	Radius of gyration about the x-axis	1.438
Iy (in⁴)	Moment of inertia about the y-axis	0.027
Ry (in)	Radius of gyration about the y-axis	0.378

EFFECTIVE PROPERTIES		
Ix (in³)	Effective moment of inertia (x-axis)	0.339
Sx (in³)	Effective section modulus (x-axis)	0.153
Ma (in-k)	Allowable bending moment-effective section modulus	3.02
Va_g (lb)	Allowable shear force in web	762

TORSIONAL PROPERTIES		
J x 1000 (in⁴)	St. Venant torsional constant	0.0620
Cw (in⁶)	Warping constant	0.068
Xo (in)	Distance from shear center to centroid	-0.659
m (in)	Distance from shear center to mid-plane of web	0.410
Ro (in)	Polar radius of gyration	1.627
Beta	Torsional Flexural Constant	0.836

CODES AND STANDARDS:
Super Stud products comply with the applicable provisions of the following:
• International Building Code (IBC): 2006 – 2024
• Complies with AISI S100-16 (2020) w/S2-20. Effective properties incorporate the strength increase from the cold work of forming
• Sheet steel: ASTM A1003/A1003M; ASTM A653/A653M
• Galvanized coating: ASTM A653/A653M or equivalent
• UL Designs: U419, V438, V489, V498, W433, W440
• Tested in accordance with ASTM E119; ANSI/UL 263
• Members and tolerances: ASTM C645; AISI S220, AISI S201, AISI S202
• Meets ASTM C754 when installed properly in structure

For LEED Letter requests please submit through: www.buysuperstud.com

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any and all previous digital or printed publications effective December 2025