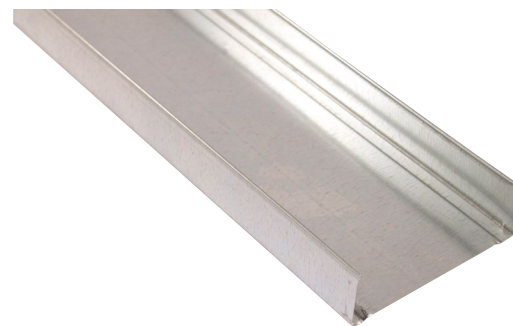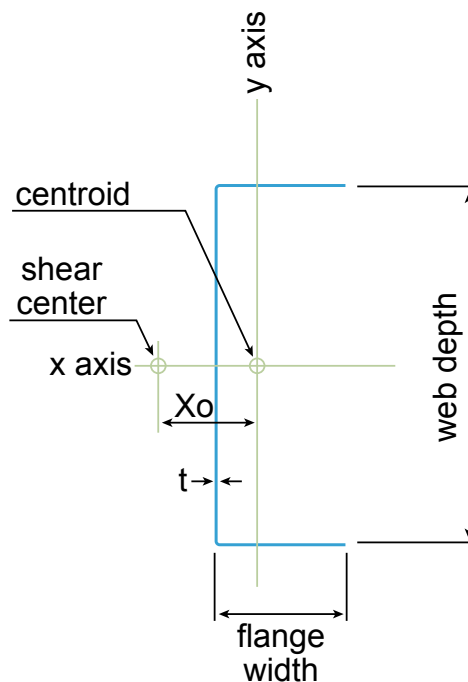## 162T200-18 Track

Product Line: 162EDT200-18- The Edge™ Performance 20 (18 mil)

Coating: G40 (standard), G60 (special order)

Specification Section: 09.22.16 (Non-Structural Metal Framing)

GEOMETRIC PROPERTIES			
Web Depth	1.625 in.	Yield Strength, Fy	55 ksi
Leg Width	2 in.	Design Thickness	0.0188 in.
		Min. Steel Thickness	0.0179 in.

GROSS PROPERTIES		
Area (in²)	Total cross-sectional steel area	0.1066
Weight (lb/ft)	Linear weight per foot	0.362
Ix (in⁴)	Moment of inertia about the x-axis	0.0632
Sx (in³)	Section modulus about the x-axis	0.0725
Rx (in)	Radius of gyration about the x-axis	0.770
Iy (in⁴)	Moment of inertia about the y-axis	0.0468
Ry (in)	Radius of gyration about the y-axis	0.6626

EFFECTIVE PROPERTIES		
Area (in²)	Effective area	0.0298
Ixe (in³)	Effective moment of inertia (x-axis)	0.0294
Sxe (in³)	Effective section modulus (x-axis)	0.0235
Ma (in-k)	Allowable moment capacity	0.4700
Vy (lb)	Allowable shear force in web	333

TORSIONAL PROPERTIES		
J x 1000 (in⁴)	St. Venant torsional constant	0.0126
Cw (in⁶)	Warping constant	0.0249
Xo (in)	Distance from shear center to centroid	1.5746
Ro (in)	Polar radius of gyration	1.8738
Beta	Torsional Flexural Constant	0.2939

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

NEW HAMPSHIRE FACILITY
12 TALLWOOD DRIVE
BOW, NH 03304
P: 603-216-1573

MISSISSIPPI FACILITY
53 W L RUNNELS IND DR
HATTIESBURG, MS 39401
P: 601-584-7550

NEW JERSEY FACILITY
2960 WOODBRIDGE AVE
EDISON, NJ 08837
P: 732-662-6200

This product catalog reflects the most current information available and supersedes any and all previous digital or printed publications effective November 2025