

TECHNICAL INFORMATION

Radius Track develops innovative, light-gauge framing solutions, specifically engineered to meet the unique needs and requirements of each individual customer. By breaking down projects into smaller, manageable systems, we employ a flexible kit-of-parts approach that adapts to your project's stage. This allows us to provide products and services that meet you where you are, ensuring a tailored solution that delivers your project efficiently and in alignment with your vision and budget.

Our mission is to simplify complex framing, making curved construction accessible and straightforward for any project.

Product Information

Radius Track Systems offer a comprehensive solution, combining specialized services and products based on the team's capabilities and project-specific framing requirements.

For terms and conditions, visit www.radiustrack.com/resources.

Standards, Contact Radius Track for more information.

AISI: S100 and S240

ASTM: A1003, A653, and C955

IBC: 2015, 2018, 2021

Sustainability, <https://www.radiustrack.com/s/LEED-Letter-v2.pdf>

LEED v4.1 MR Credit

LEED v4 MR Credit



Learn more at:

< www.radiustrack.com/

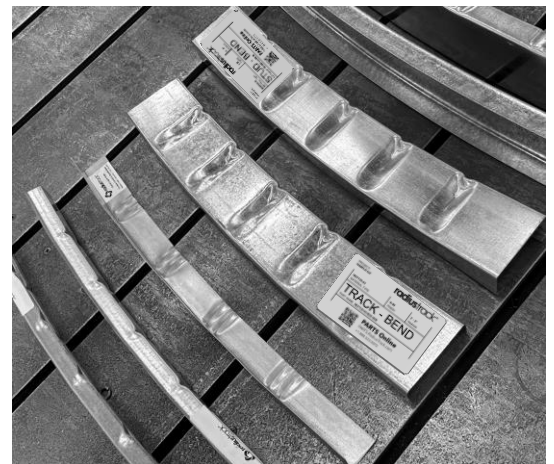
PRODUCT DATA

STANDARD PROFILES	Track (T), Slotted Track (SLT), Stud (S), Angle (A), Hat Channel (F), Z-Furring (Z), & CRC (U)
GAUGES¹	20, 18, 16, & 14
WEB WIDTHS¹	Up to 12"
FLANGES¹	Up to 3"
LENGTHS	Up to 35'-0"
MINIMUM RADIUS²	Approx. 24" outside dimension, standard Approx. 12" outside dimension, custom
MATERIAL	Unpunched - Steel, Stainless, and Copper
MATERIAL GRADE (STEEL)	33KSI for 33mil (20ga) and 43mil (18ga) 50KSI for 54mil (16ga) and 68mil (14ga)
COATINGS³	G60 & G90
TOLERANCES	1/8" per 10'-0"

1. Not all listed gauges, web widths, flange sizes, and material lengths are available in all curve types.

2. Listed minimum radii do not apply to all material types, sizes, gauges, and curve types.

3. Additional coating options are available. Call for details.



Need Samples?

To order a sample kit, please call our Sales Team at +1(888) 523.5072 or email us at PARTS@RadiusTrack.com.

TECHNICAL SERVICES OFFERED

STRATEGIC PLANNING MEETING

- When required to introduce complexity in scope and schedule milestones

VIRTUAL DOCUMENTATION FOR APPROVAL

- 2D / 3D, engineering & specification documentation

DETAIL 3D MODEL

- When requested, models are produced directly from the fabrication process

ENGINEERING SUBMITTALS

- When contracted Sign / Sealed documentation for Approvals

INSTALLATION AND LAYOUT DRAWINGS

- When required to introduce complexity in scope and schedule milestones

LABELLED AND COLOR-CODED PARTS AND PANELS

- 2D / 3D, engineering & specification documentation

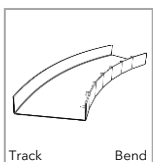
DETAILED SHIPMENT INFORMATION

- When requested models are produced directly from the fabrication process

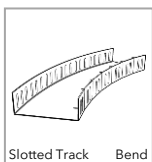
PRE-INSTALLATION MEETINGS WITH TECH SUPPORT

- When contracted Sign / Sealed documentation for Approvals

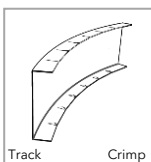
STANDARD CURVE TYPES



Track Bend



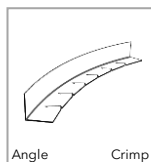
Slotted Track Bend



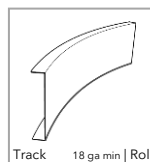
Track Crimp



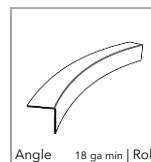
Slotted Track Crimp



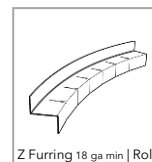
Angle Crimp



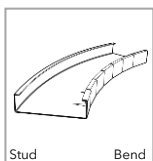
Track 18 ga min | Roll



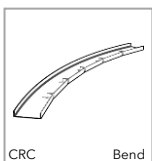
Angle 18 ga min | Roll



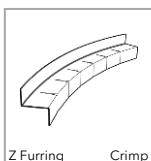
Z Furring 18 ga min | Roll



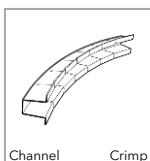
Stud Bend



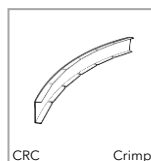
CRC Bend



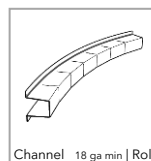
Z Furring Crimp



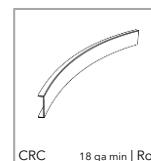
Channel Crimp



CRC Crimp



Channel 18 ga min | Roll



CRC 18 ga min | Roll

Bend = B

Crimp = C

Roll = R

COMPLEX / CUSTOM CURVED PARTS

Spline bends, compound curves, and custom profiles

AVAILABLE ACCESSORIES

Custom clips, compression / tension rings, and CNC cut sheathing

ASSEMBLY TYPES

Box beams (2, 3, 4, 5 and 6 piece)

Compression and tension rings

Curved panel

Flat panel

Groin vault

Knife edge transitions

Knuckle

Plate and non-plate jigs

Tabbed solutions

Trusses (toothbrush, 2-way, bow, curve face, straight face)

Waffle connectors

COMMON FEATURES

Roofs

Exterior dome

Interior dome

Skylight

Porte cochere / entry pavilion

Ceilings

Ceiling soffit / light cove

Ceiling cloud, curved

Ceiling cloud, faceted

Barrel vault

Groin vault

Arch

Wall

Knife edge and bullnose transitions

Stairs

Raised seating

Tiered flooring

PROJECT NUMBER: _____ CONTRACTOR: _____ DATE: _____

PROJECT NAME: _____ CONTACT: _____ PH: _____