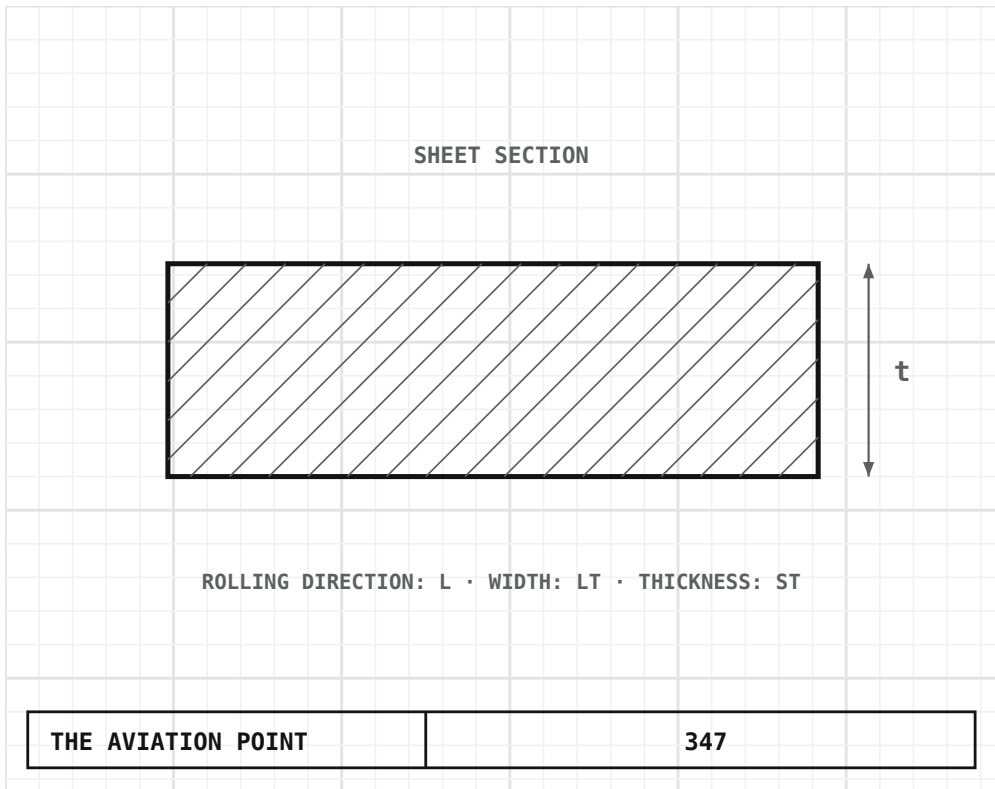
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347 — austenitic stainless steel

321's twin, stabilized with columbium (niobium) or tantalum.



Schematic

Designation

Item	Value
Designation	347
Class	Steel and stainless
Type	austenitic stainless steel

Composition

Item	Limit	Source
Composition	Carbon 0.08 %, chromium 18 %, nickel 11 %, columbium or tantalum	AC 43.13-1B CHG 1, Table 4-3

Properties

Property	Value	Source
Class	Austenitic	AC 43.13-1B CHG 1, Table 4-3
Sheet, strip, plate	AMS 5512	SAE AMS 5512 (title)
As filler	AISI 347 is among the filler metals for welding austenitic stainless	AMT Handbook, p. 5-22
Allowables	Not in MIL-HDBK-5J (checked)	MIL-HDBK-5J

Notes

- **No allowables here.**
- **The drawing's alloy only.**

SOURCES · FAA AC 43.13-1B CHG 1 · FAA-H-8083-31B, Aviation Maintenance Technician Handbook, Airframe, Volume 1 · SAE AMS 5512 · MMPDS

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/materials/347/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.