

# Sawtooth Grating [Field Transfer Function]

## Digital Twin Specification

<b>Twin Code:</b>	CF-FTSW01
<b>Twin Name:</b>	Sawtooth Grating [Field Transfer Function]
<b>Category:</b>	Component
<b>Type:</b>	Function-Based
<b>Version:</b>	1.1
<b>Package:</b>	Platform
<b>Last Updated:</b>	2026-07-02

## Description

Models a sawtooth (blazed) profile transmission grating through its complex transmission function.

**⚠ Note:** This specification sheet is under active development. Detailed technical descriptions, model parameters, and usage examples will be added over the coming months.

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<b>Keywords:</b>	sawtooth grating, blazed, transmission, profile, complex transmission
<b>Related Twins:</b>	CF-TGRC01, CF-TGSI01, CF-TGTR01, CS-GRRO01, CF-GREF01