

Product Description

Grating set TGS1 consists of 4 calibration gratings: TGZ1, TGZ2, TGZ3, TGZ4 and intended for Z and X (or Y) calibration and nonlinearity measurements.

Click on the grating name below to see detailed specification.

[TGZ1](#) - for Z-axis calibration (step height $20,0 \pm 1.5$ nm) and nonlinearity measurements

[TGZ2](#) - for Z-axis calibration (step height $110,0 \pm 2$ nm) and nonlinearity measurements

[TGZ3](#) - for Z-axis calibration (step height 520 ± 3 nm) and nonlinearity measurements.

TGZ4 - for Z-axis calibration (step height 1517 ± 20 nm) and nonlinearity measurements.

General Features

Structure	step - SiO ₂ , bottom - Si
Pattern type	2 - Dimensional
Period	$3 \pm 0,05$ μ m
Chip size	5x5x0,5 mm
Effective area	central square 3x3 mm