

Product Description

Grating set TGS1 (consists of three gratings TGZ1, TGZ2, TGZ3) can be ordered with PTB traceable certificate.

The gratings TGS1-PTB are measured on the AFM which has been preliminary calibrated using the PTB certified grating set TGS1.

Step heights: $20 \pm 1.5 \text{ nm}$, $110 \pm 2 \text{ nm}$, $520 \pm 3 \text{ nm}$.

In comparison with TGS1 grating set you will have height meanings with lower uncertainties that will help to obtain more reliable scans of the scanned objects.

General Features

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