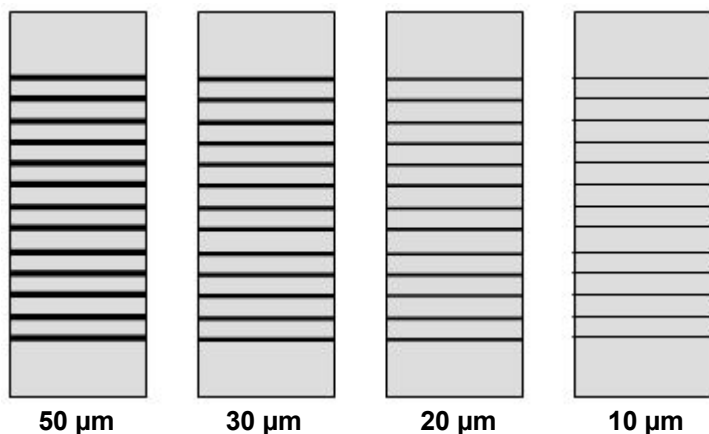


## Type 1 reference block

### Determination of sensitivity levels of penetrant systems

Art. no.: 127.400.001



**Type 1 reference block** consists of a set of 4 nickel-chromium plated panels with 10 µm, 20 µm, 30 µm and 50 µm thickness of plating, respectively. Dimensions of each panel: 35 mm x 100 mm x 2 mm.

Depth of crack is given by the thickness of the nickel-chromium layer. Transversal cracks are produced by stretching the panel into longitudinal direction.

The ratio *crack width* : *crack depth* is approx. 1 : 20 for each crack.

These panels are used for **determination of sensitivity** of fluorescent and colour contrast penetrant systems.

A **declaration of conformity** of the respective reference block with EN ISO 3452-3 and an **inspection certificate** acc. to EN 10204, Type 3.1 B is attached.



#### Sensitivity levels:

##### Fluorescent penetrant

Level	Sensitivity	Plate
1	Normal	30 µm
2	High sensitive	20 µm
3	Ultra high sensitive	10 µm

##### Colour contrast penetrant

1	Normal	50 µm
2	High sensitive	30 µm

Heidgraben, July 2017  
Subject to technical changes