

PT Reference Block Type 1



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 notch is given by the thickness of the nickel-chromium layer. Transversal notches are produced by stretching the panel into longitudinal direction.

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

These panels are used for determination of sensitivity of fluorescent and color 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 :

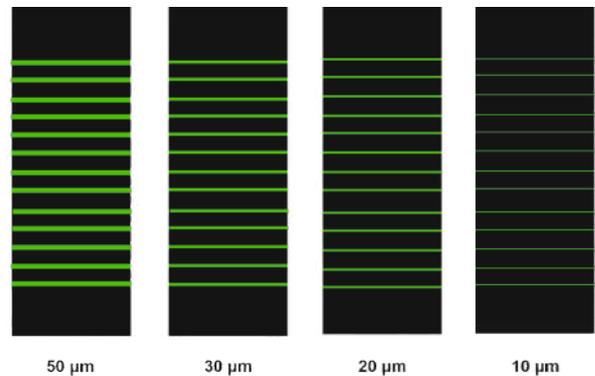
Level	Sensitivity	Plate
1	Normal	30 µm
2	High	20 µm
3	Ultra high	10 µm

Colour Contrast Penetrant :

Level	Sensitivity	Plate
1	Normal	50 µm
2	High	30 µm

Technical Data :

Number of Plates	4
Thickness of the Nickel-chromium Layers	10 µm 20 µm 30 µm 50 µm
Dimension of a Plate	35 mm x 100 mm x 2 mm
Ratio Crack Width : Crack Depth	1 : 20



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