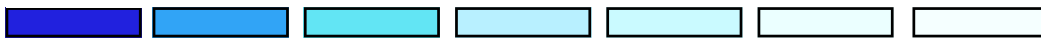


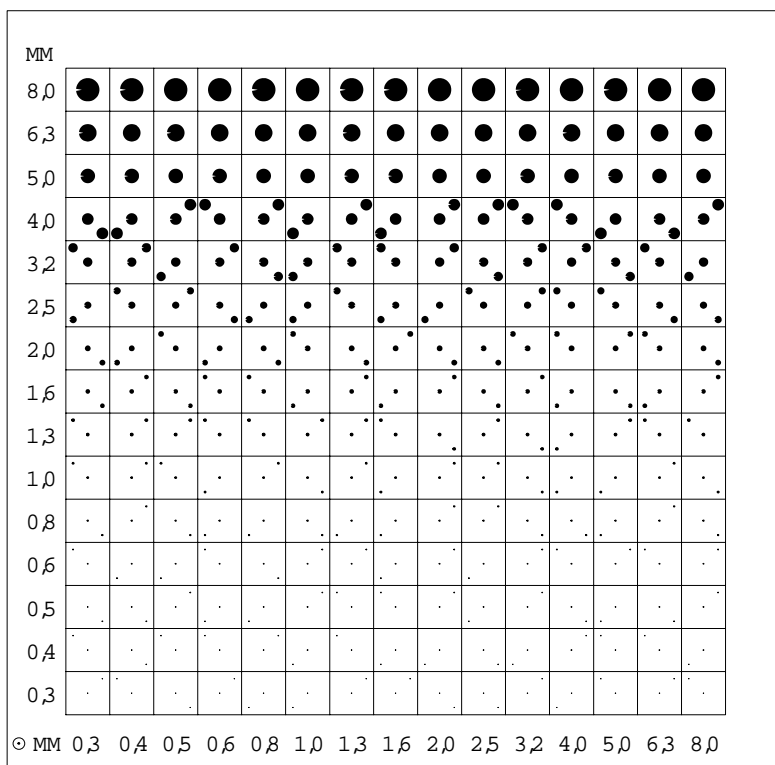
CDRAD 2.0



Contrast-Detail phantom Quality control for radiological systems

Introduction

- Aid for improving image quality
- Monitors the Image information content
 - Contrast-Detail curve/detectability
 - Tests low contrast and spatial resolution



Specifications

- Two cylindrical holes for each combination
 - Depth 0.3 .. 8.0 mm, ± 0.02 mm (15 exponential steps)
 - Diameter 0.3 .. 8.0 mm, ± 0.02 mm (15 exponential steps)
- Overall thickness 10 mm
- Four different versions available

Applications

- Optimization and evaluation of digital radiology systems
- Determination of the optimum exposure technique
- comparison of image quality at various thicknesses of PMMA
- Evaluation of the image quality versus dose relation
- Determination of the optimum background density
- Comparison of different radiology systems

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