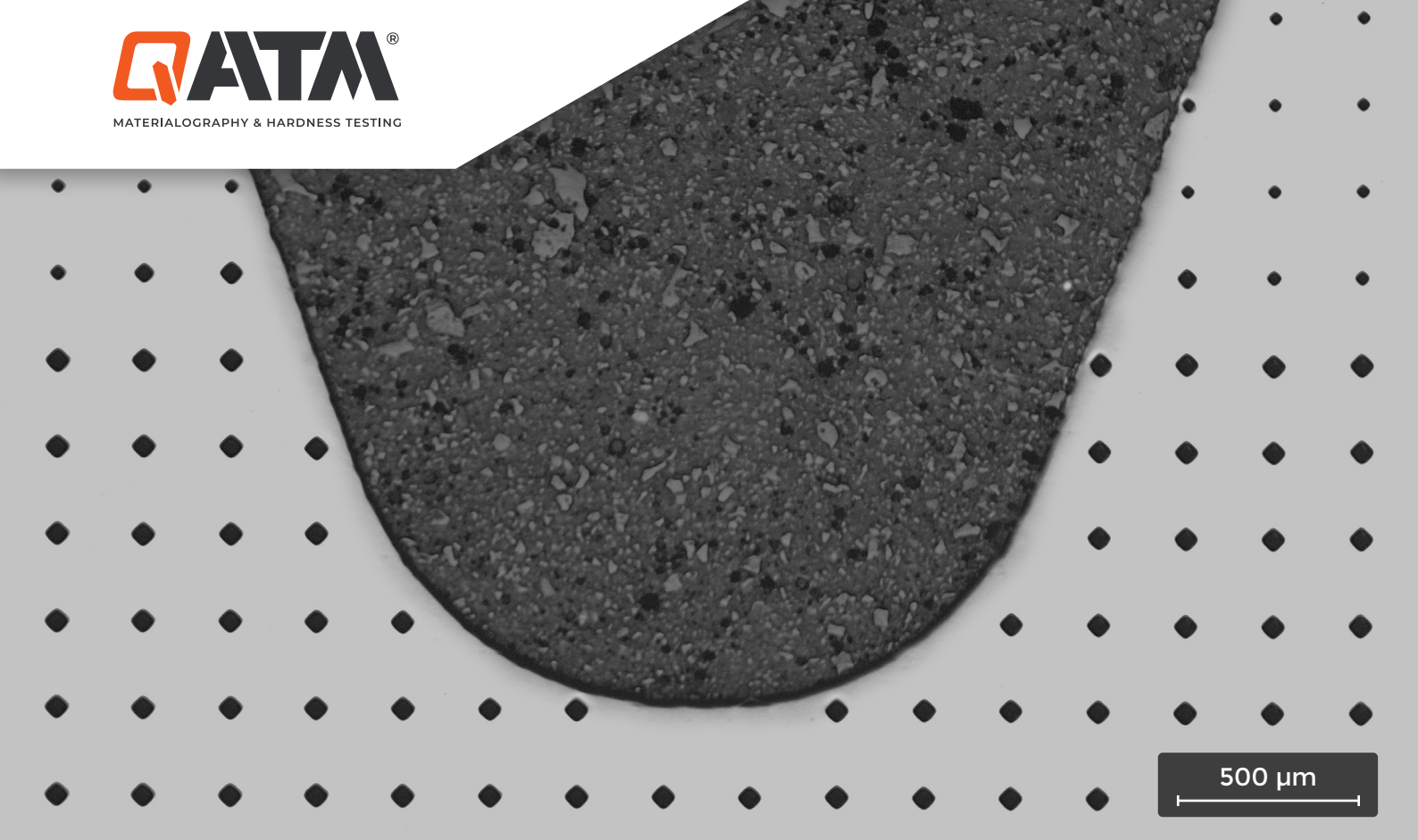




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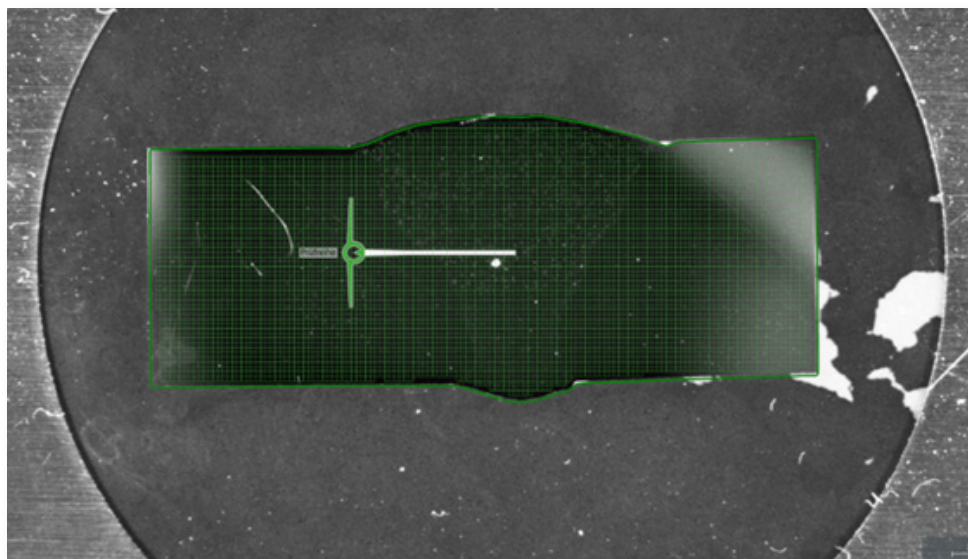


Micro hardness tester Qness 60 A+ EVO

HARDNESS MAPPING

Objective:

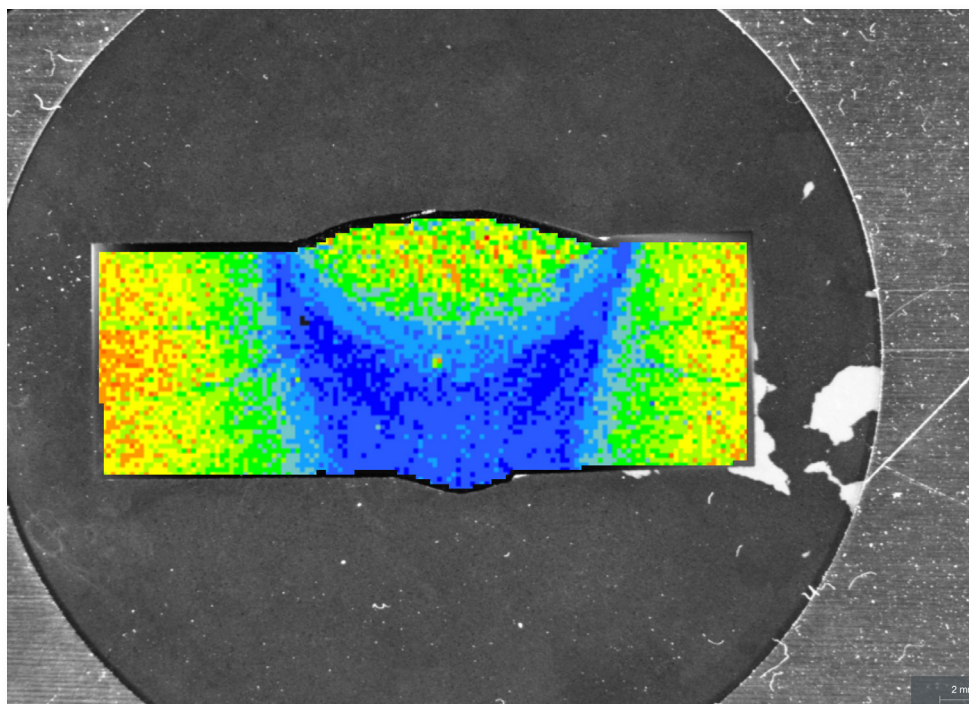
On the polished sample, a hardness profile is to be created across the entire cross-section. The sample edge is automatically detected by a contour scan, and a matrix with defined intervals of 200 µm is placed over the sample. Using the HV1 testing method, approximately 7000 indentations were automatically created and evaluated over several days (Qness 60 A+ EVO). The result is a 2D/3D mapping.



Overview image of the sample with the contour scan and the indentation matrix



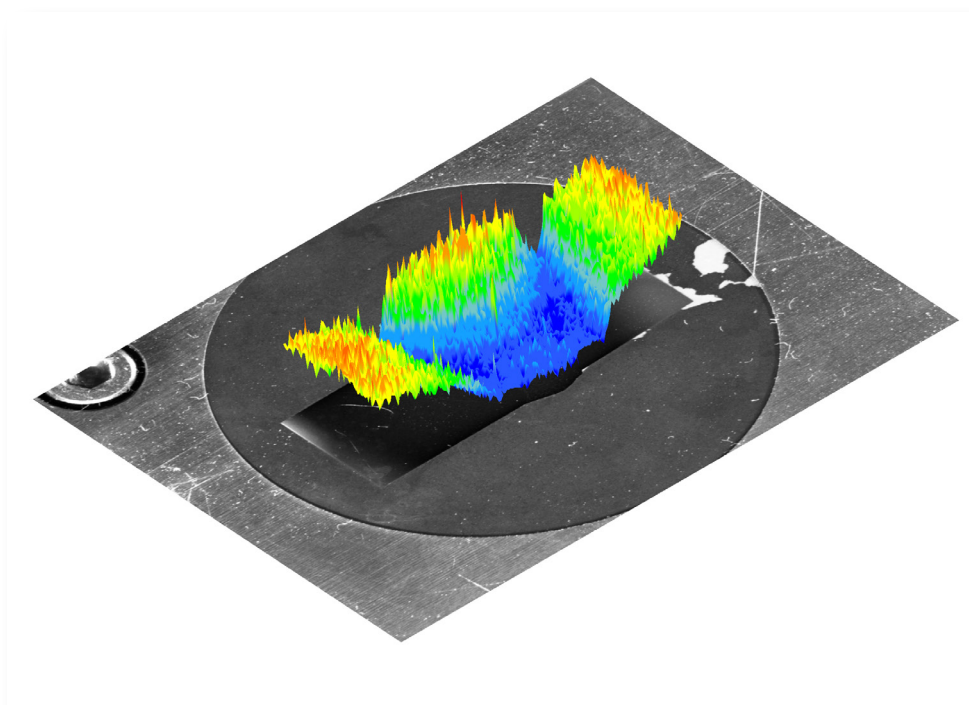
Legend:
Hardness in HV1



2D mapping



Legend:
Hardness in HV1



3D mapping

Find out more at
www.qatm.com