

Supplementary Materials

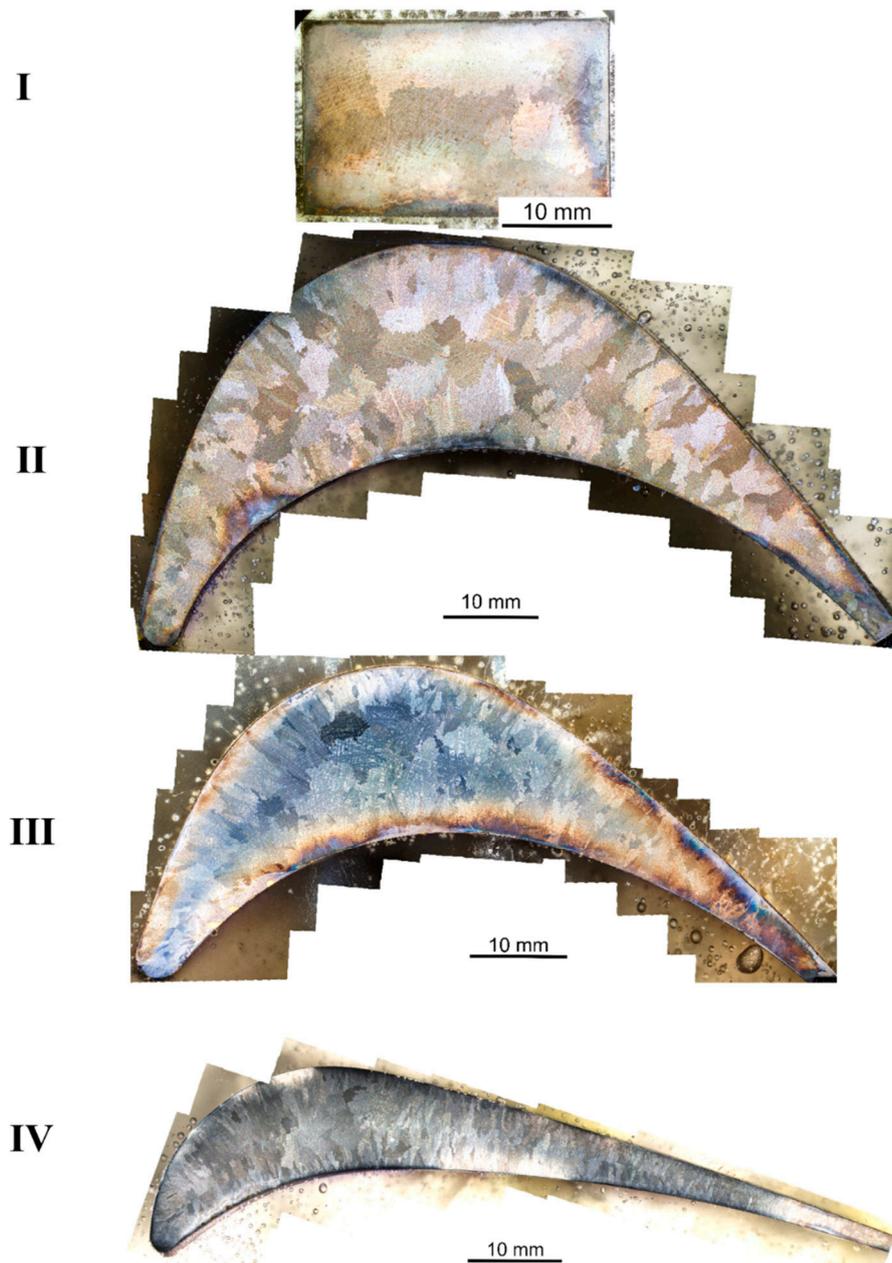


Figure S1. Macrostructure of the alloy in selected sections of the blade labelled according to the scheme shown in Figure 2a.

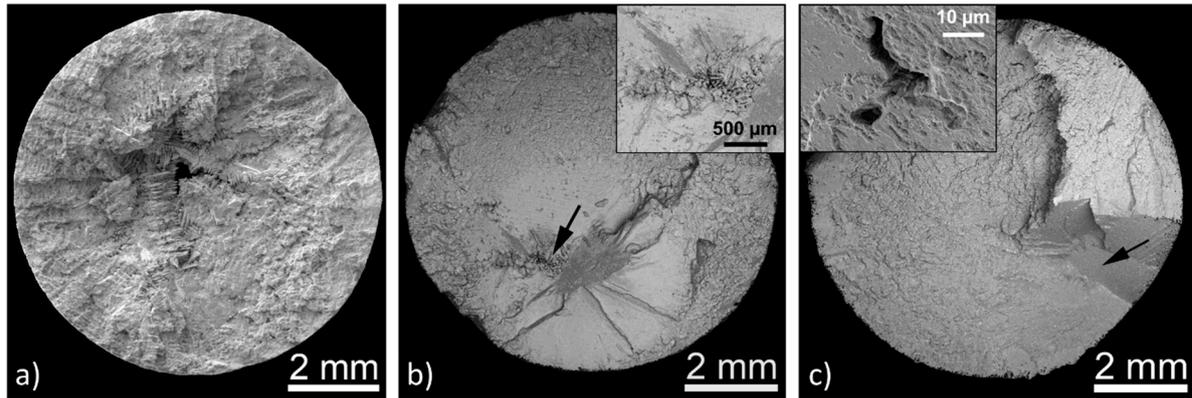


Figure S2. Fractographs of (a) TF specimens without HIP, (b) TF specimen with HIP and (c) BF specimen.

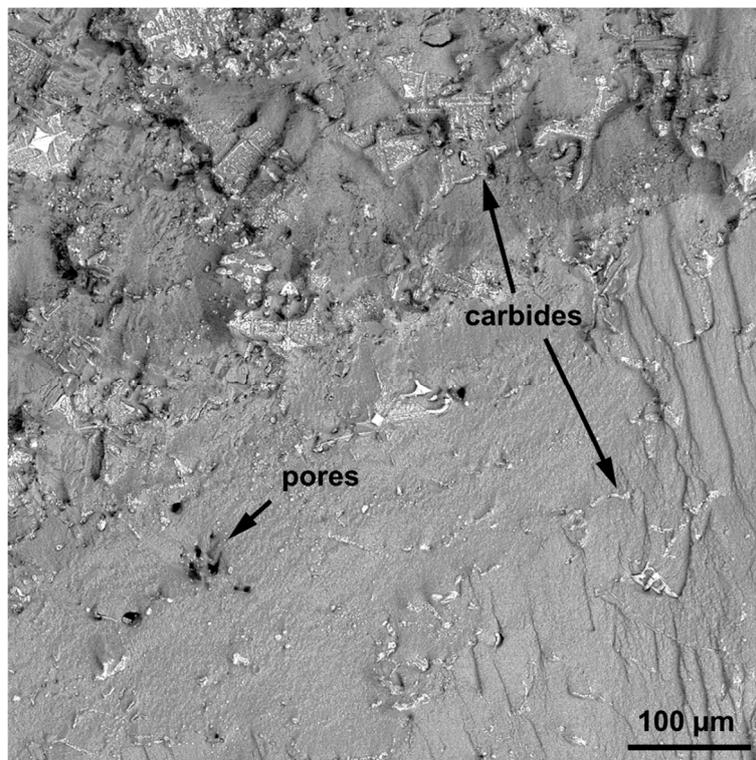


Figure S3. Backscattered electron micrograph of the fracture surface showing the presence of carbides and gas pores, favourable sites for the fatigue crack propagation.