Supporting information

A combinatorial study on phase formation and oxidation in the thin film superalloy subsystems Co-Al-Cr and Co-Al-Cr-W

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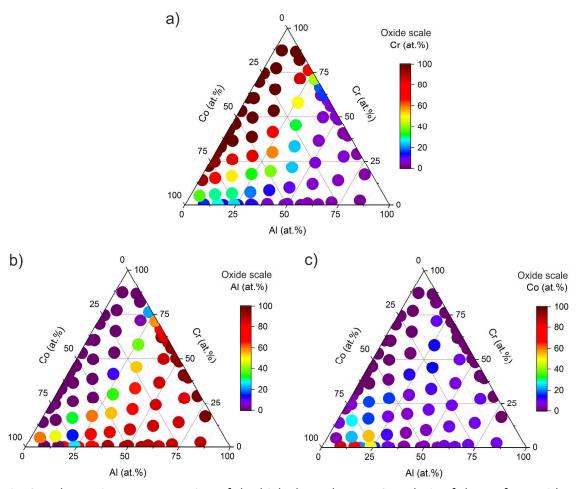


Fig. S1: Alternative representation of the high-throughput XPS analysis of the surface oxides of the Co-Al-Cr ML after annealing in air. The color-coded dots indicate the content of the metals (a Cr, b) Al and c) Co in the surface oxide while the position of the circles in the ternary diagram represent the overall film composition.

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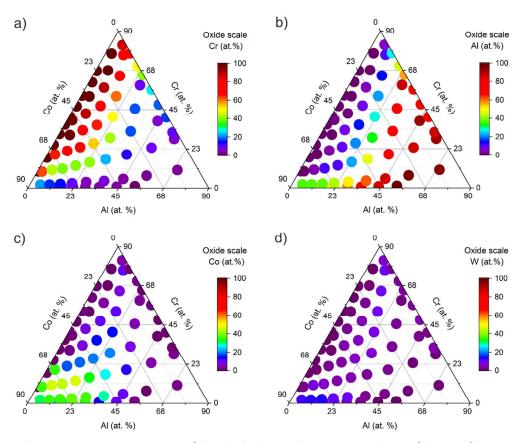


Fig. S2: Alternative representation of the high-throughput XPS analysis of the surface oxides of the Co-Al-Cr-W ML after annealing in air. The color-coded dots indicate the content of the metals (a Cr, b) Al, c) Co and d) W in the surface oxide while the position of the circles in the triangular section of the quaternary tetrahedron diagram represent the overall film composition.