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CORRIGENDUM

Corrigendum to "Improving surface integrity when drilling CFRPs and Ti-6Al-4V using sustainable lubricated carbon dioxide" [Chin. J. Aeronaut. 36(7) (2023) 129–146]

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The authors regret that the printed version of the original article contained a few flawed figures. The correct and final version of Figs. 4, 5, 8, 9, 10, and 15 are as follows:

The authors would like to apologise for any inconvenience caused.

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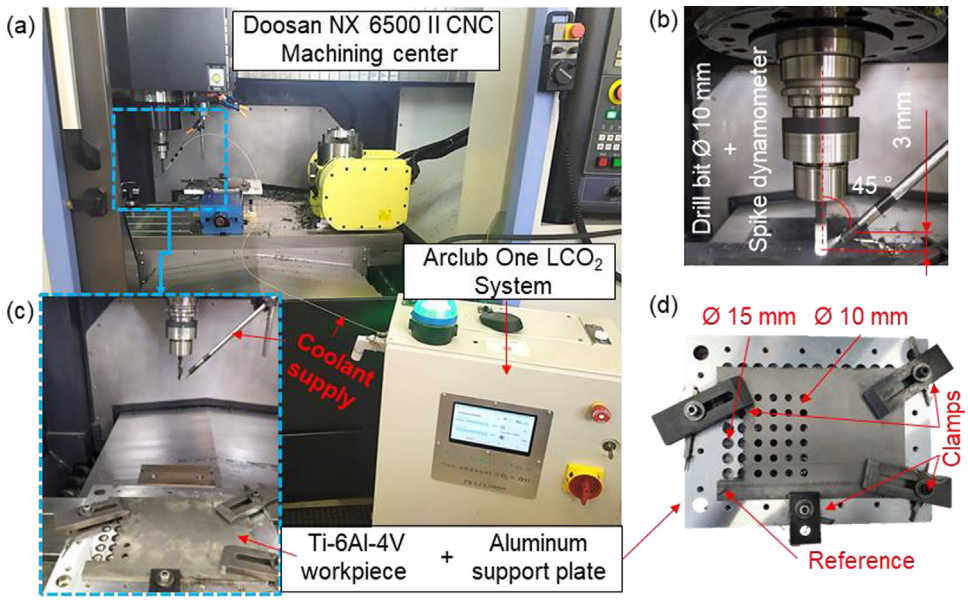

Fig. 4 Employed experimental set-up: (a) General overview of the CNC machining center and Arclub One LCO_2 system; (b) Detailed view of the set-up; (c) Detail of the tool, coolant supply line and dynamometer; (d) Detail of the workpiece clamping system with the aluminum support plate.

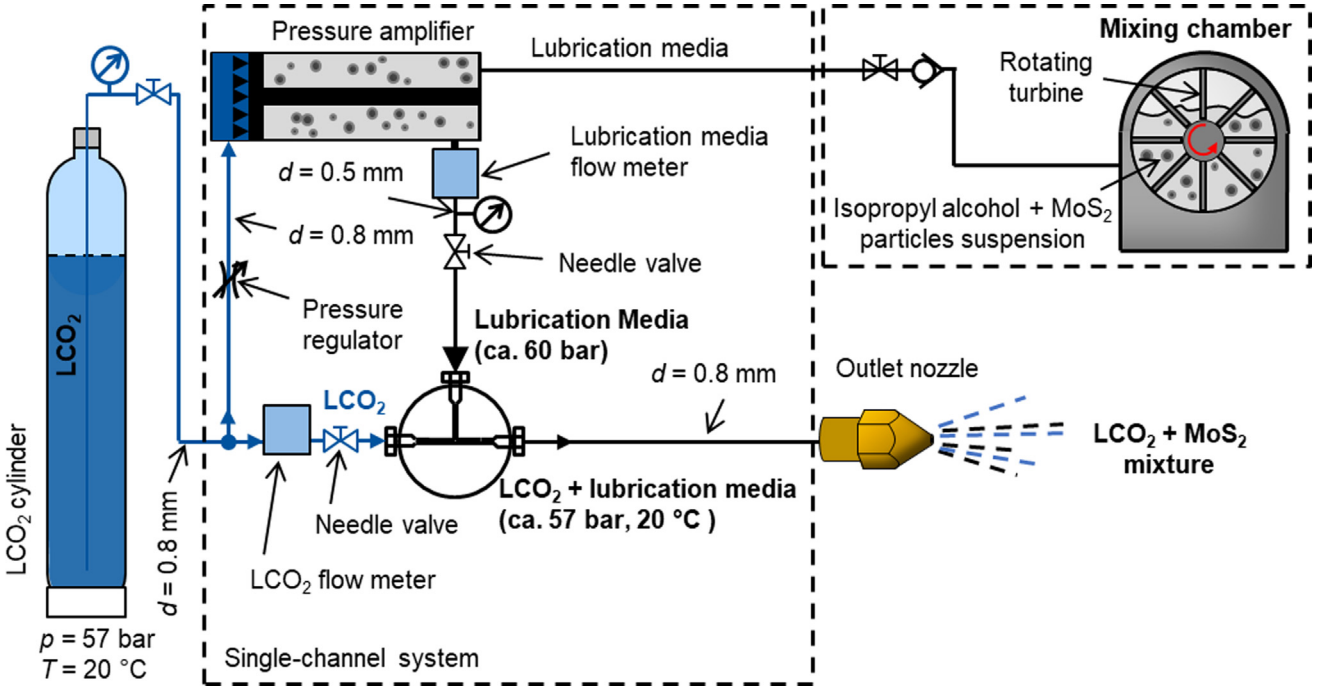

Fig. 5 Delivery of LCO_2 and isopropyl alcohol + MoS_2 solid particles suspension through a single channel (adapted from Grguraš et al. [30]).

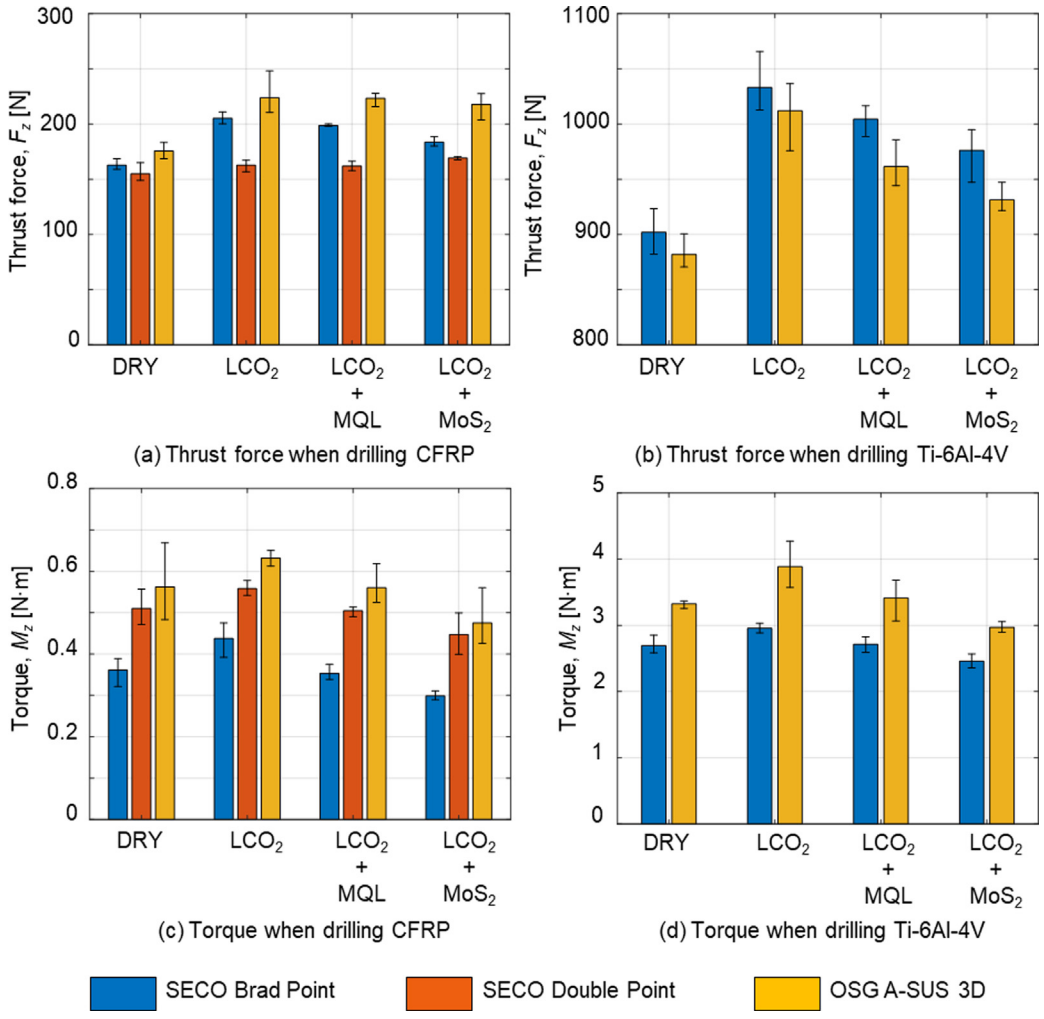

Fig. 8 Thrust force and torque results for drilling experiments with different tool geometries under different cooling conditions.

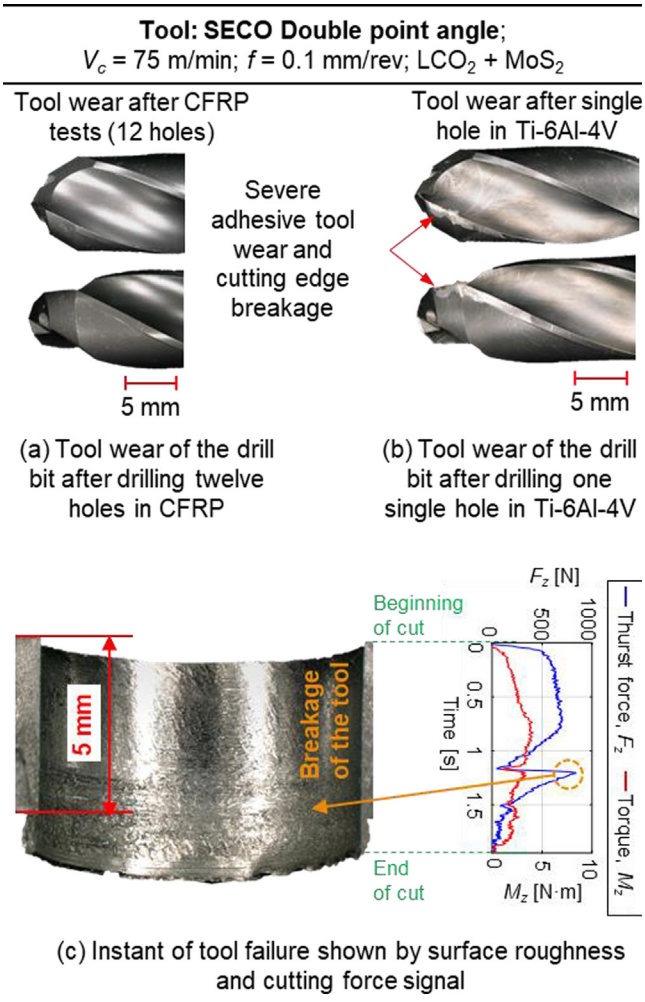

Fig. 9 Comparison of tool wear of SECO Double point drill bit when drilling CFRP and Ti-6Al-4V plates.

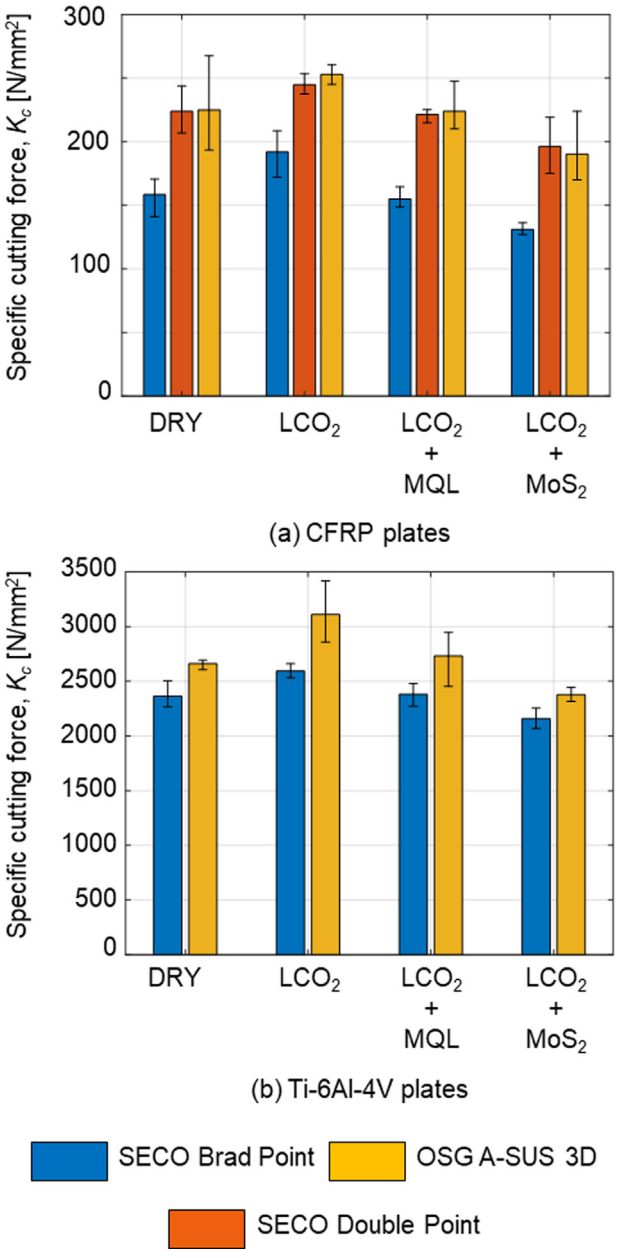

Fig. 10 Specific cutting force (K_c) values for drilling experiments with different cooling tool geometries under different cooling conditions.

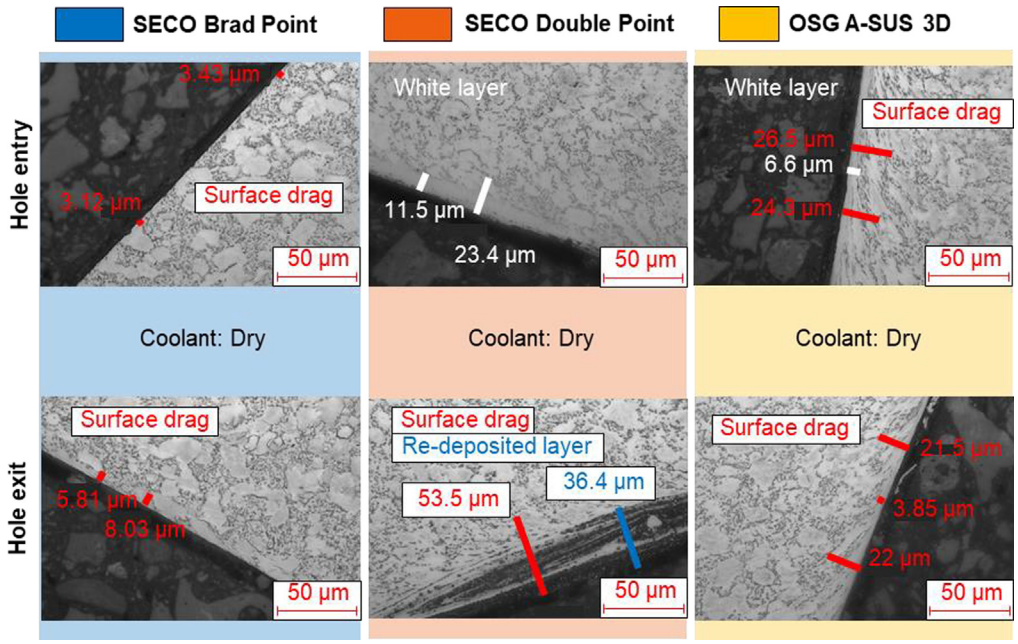

Fig. 15 Comparison of the microstructure of Ti-6Al-4V boreholes obtained with different tool geometries under dry cutting.