Correction to: Numerical investigation of hot ultrasonic assisted turning of aviation alloys

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The original version of this article unfortunately contained a mistake. Table 1 and Table 2 were incorrect. The correct tables are given here.

Table 1 Johnson Cook coefficients for materials used in simulations [25, 26]

Materials	A (MPa)	B (MPa)	C	n	m	ε_0
Hastelloy-X	380	1200	0.012	0.55	2.5	0.001
Ti6Al4V	724.7	683.1	0.035	0.47	1	2000

Table 2 Mechanical and thermal properties of materials used in simulations [29, 31, 32]

Material properties	Ti6Al4V	Hastelloy-X
Modulus of elasticity (MPa)	$0.7412 T + 113,375$	$209199.4 - 62.221 T$
Thermal expansion ($\text{mm.mm}^{-1} \text{ } ^\circ\text{C}^{-1}$)	$3 \times 10^{-9} T + 7 \times 10^{-6}$	$1.3 \times 10^{-5} + 2.76 \times 10^{-9} T$
Thermal conductivity ($\text{W.m}^{-1} \text{ } ^\circ\text{C}^{-1}$)	$7.039 \times 10^{(0.0011T)}$	$10.5e^{0.001T}$
Emissivity coefficient	0.7	0.85
Poisson's ratio	0.31	0.32

The original article can be found online at <https://doi.org/10.1007/s40430-018-1037-4>.

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