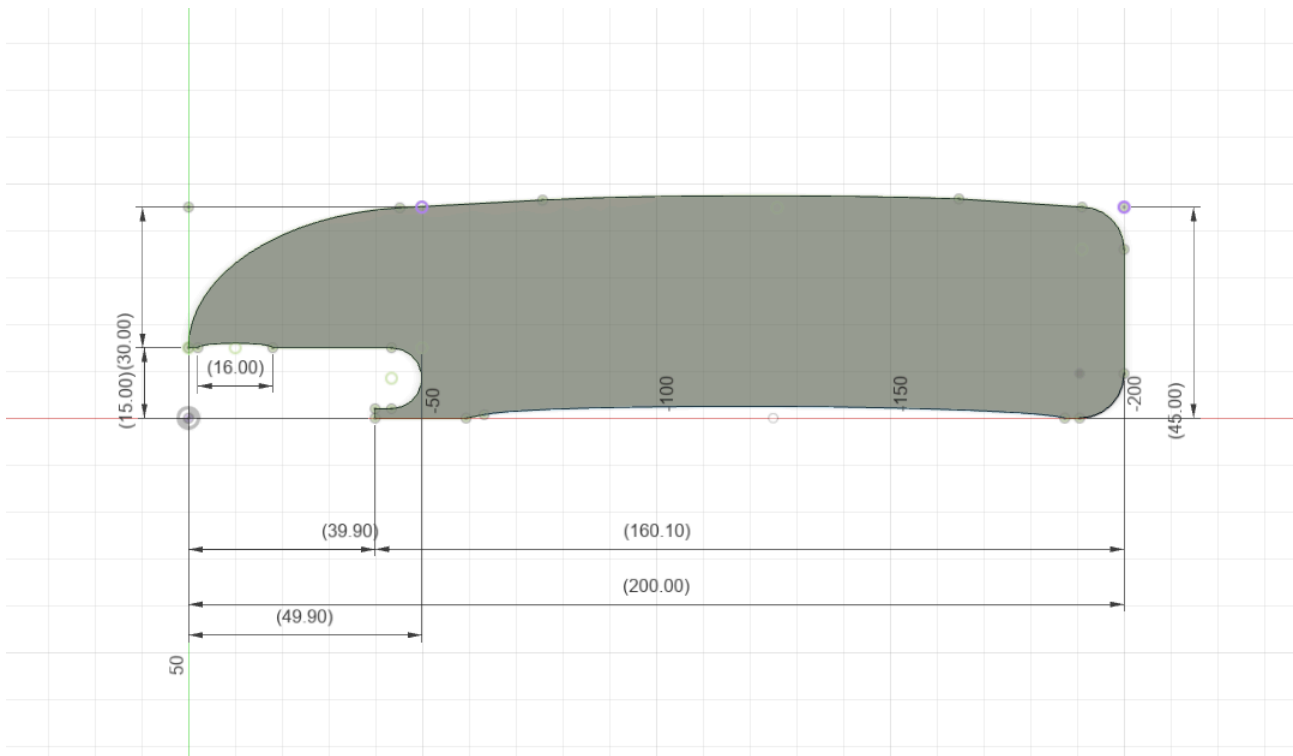


Rapporto Studio - cavatappi

Progetto





Spessore: 6.00 mm

Materiale: **Acciaio**

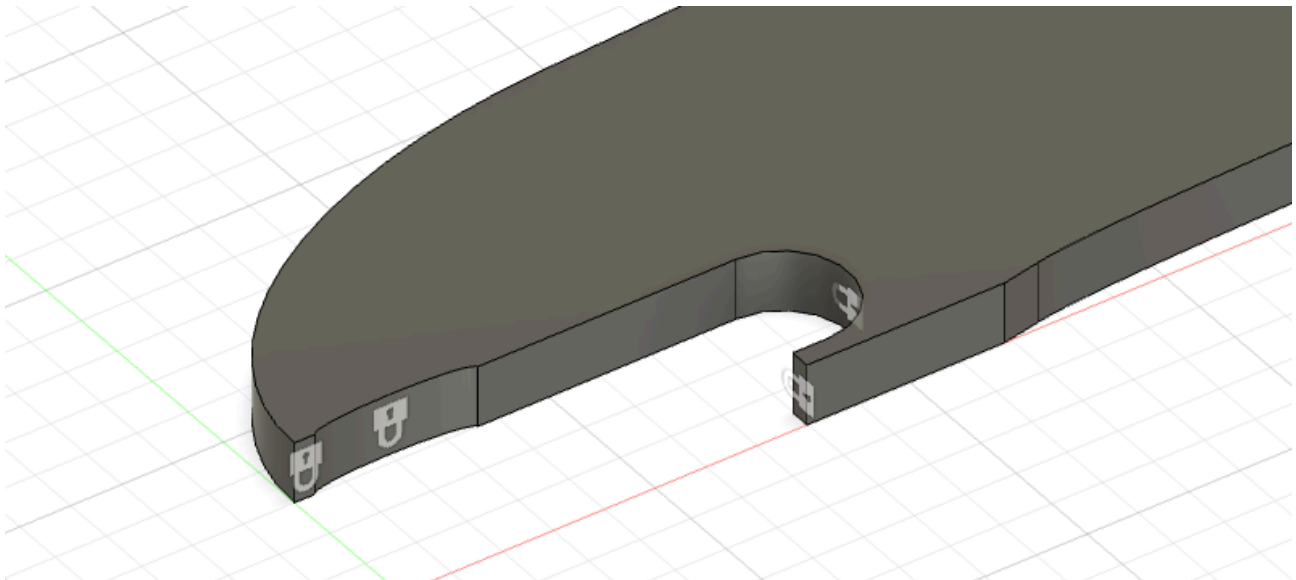
Densità	7.85E-06 kg / mm ³
Modulo di Young	210000 MPa
Coefficiente di Poisson	0.3
Resistenza allo snervamento	207 MPa
Resistenza massima a trazione	345 MPa
Conducibilità termica	0.056 W / (mm C)
Coefficiente di dilatazione termica	1.2E-05 / C
Calore specifico	480 J / (kg C)

Analisi statica

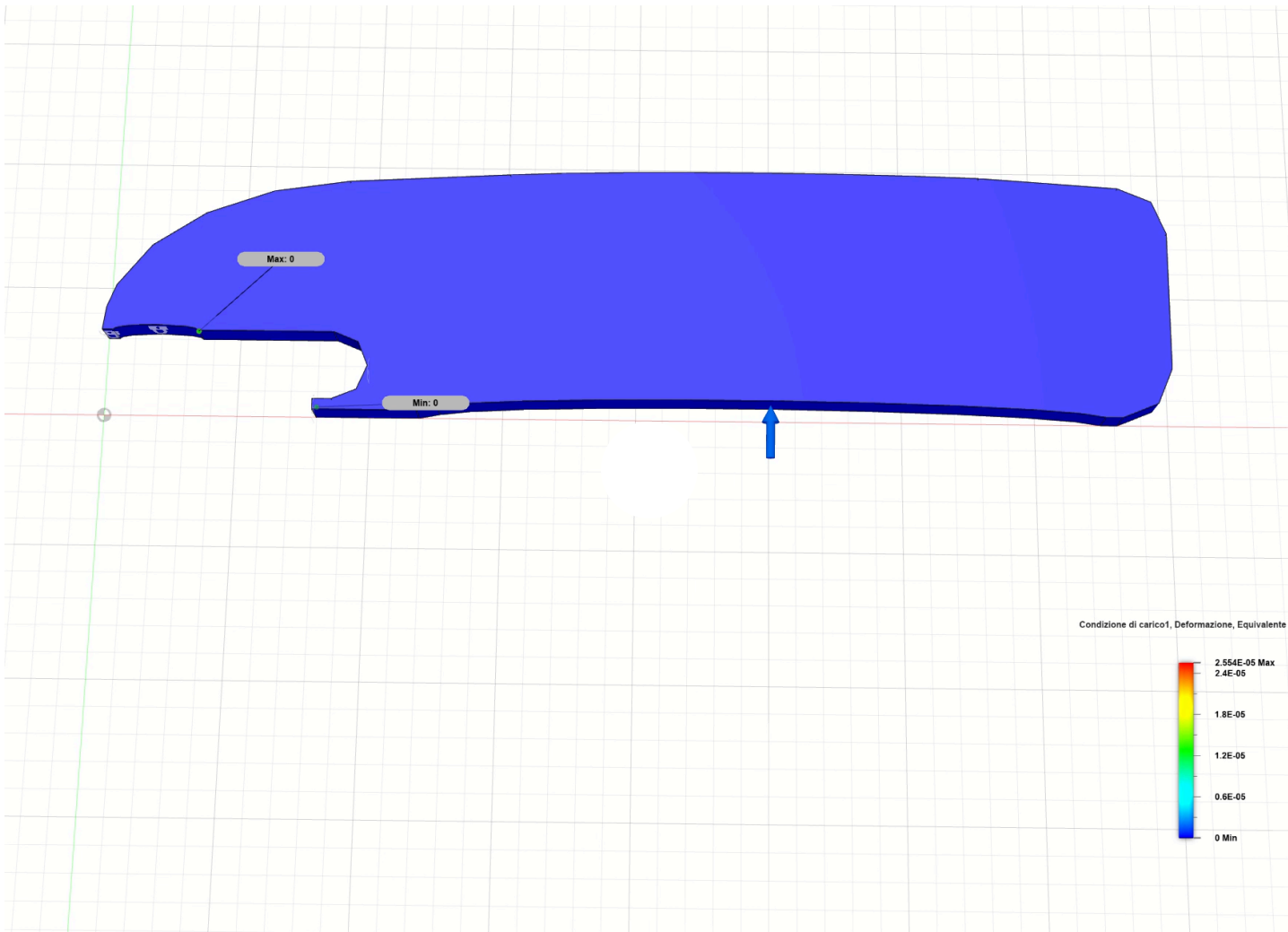
Condizioni di carico

Forza applicata: 100.00 N

Vincoli:

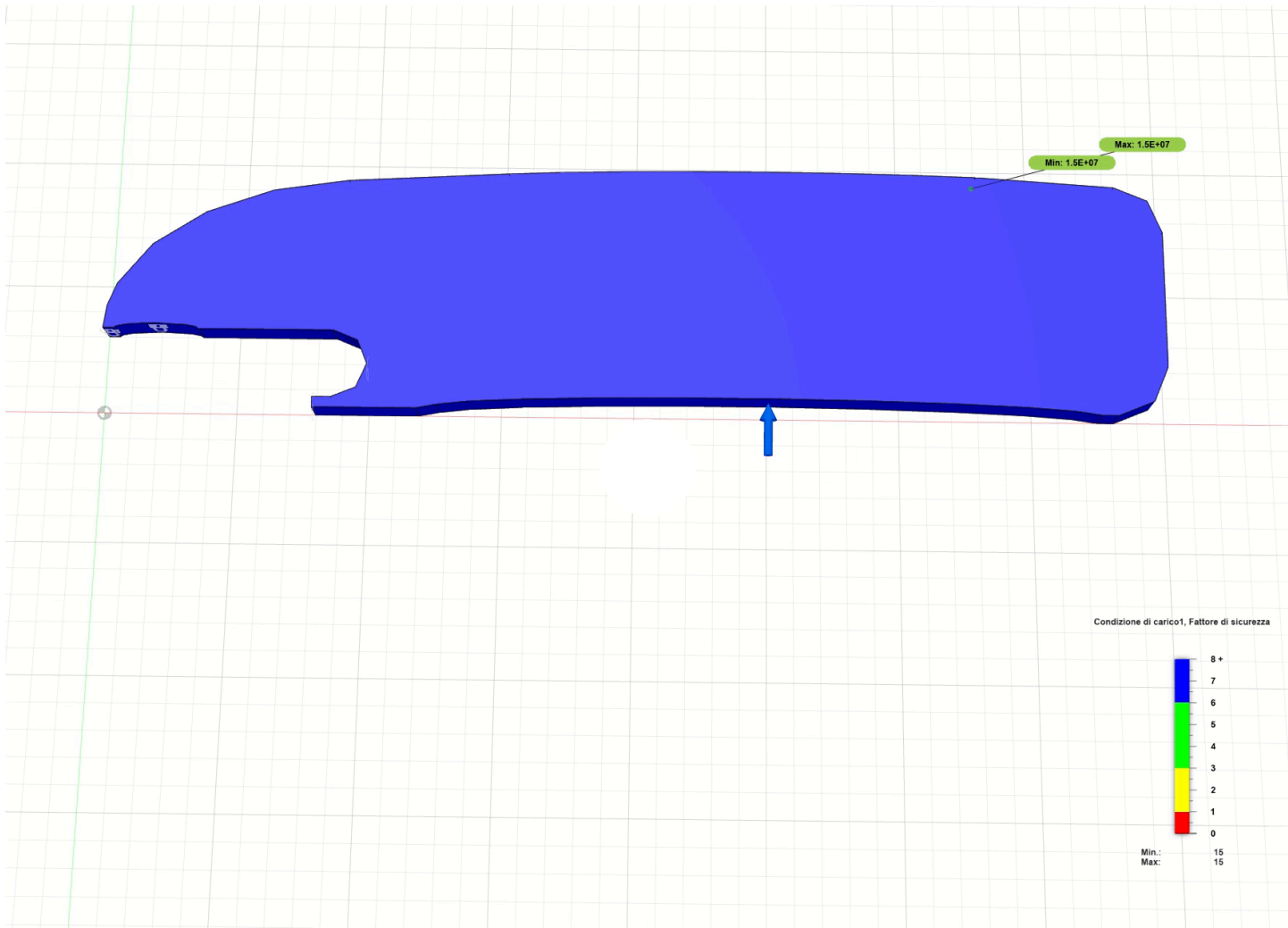


Deformazione

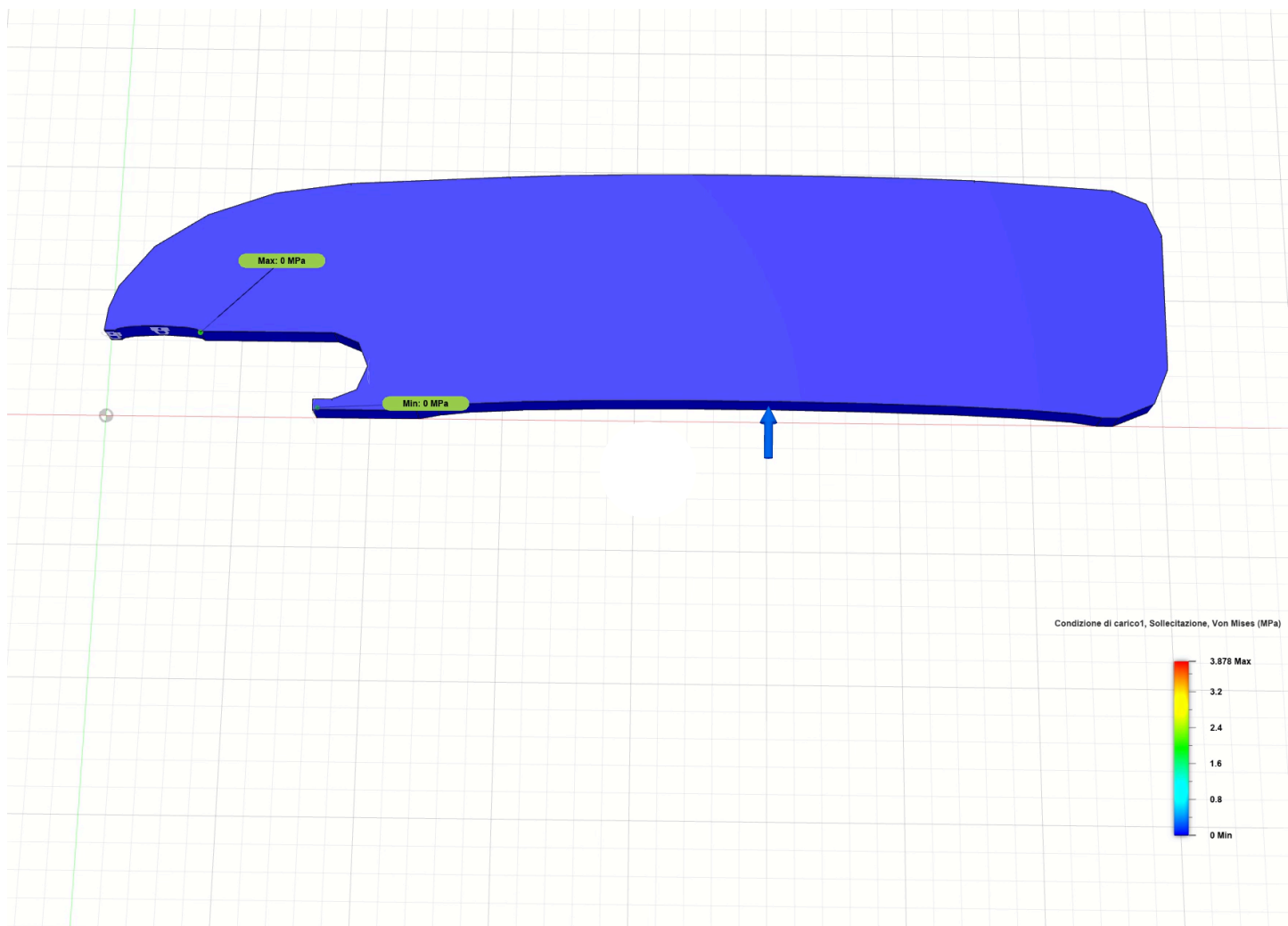


Sollecitazione

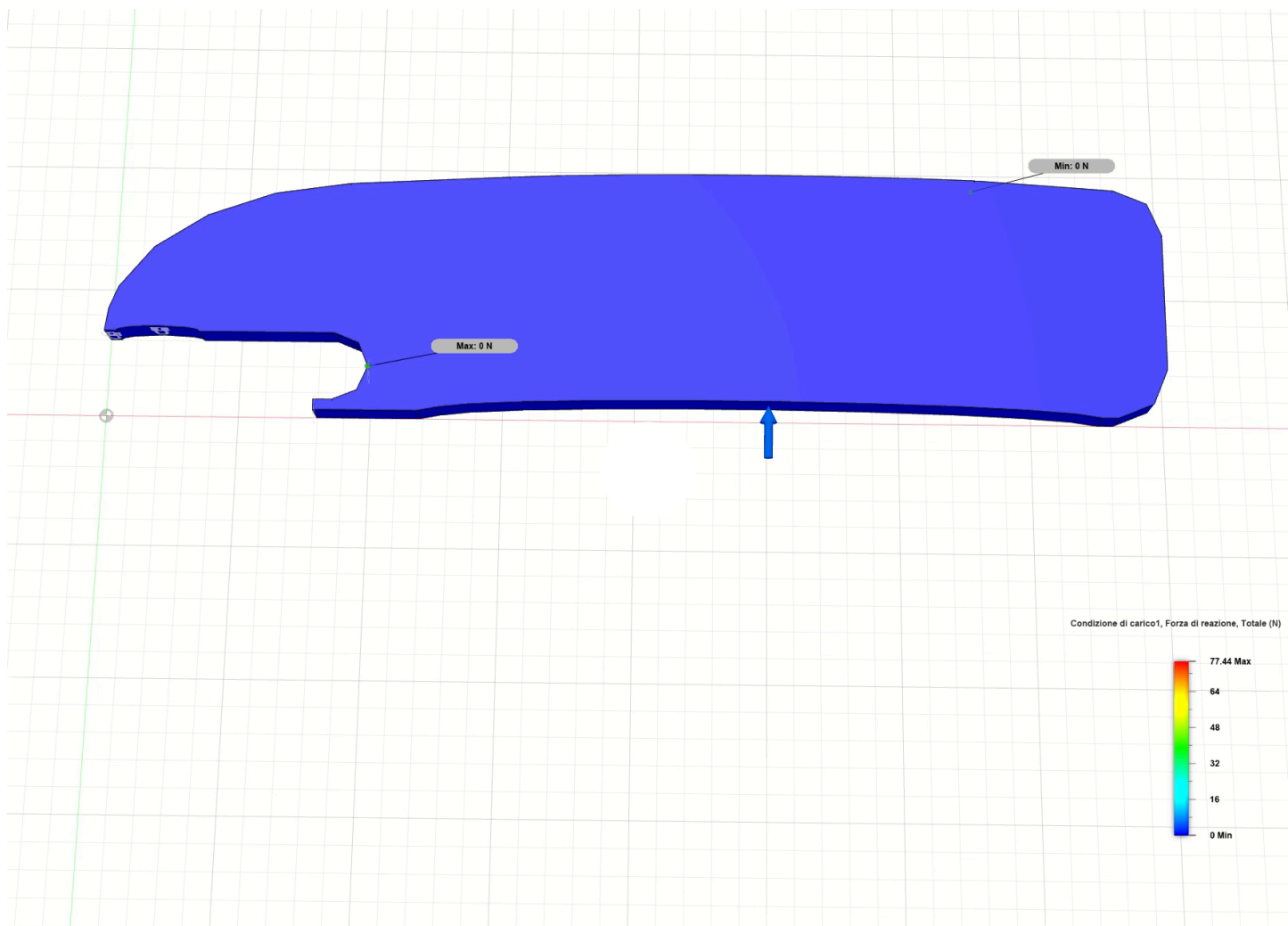
Fattore di sicurezza



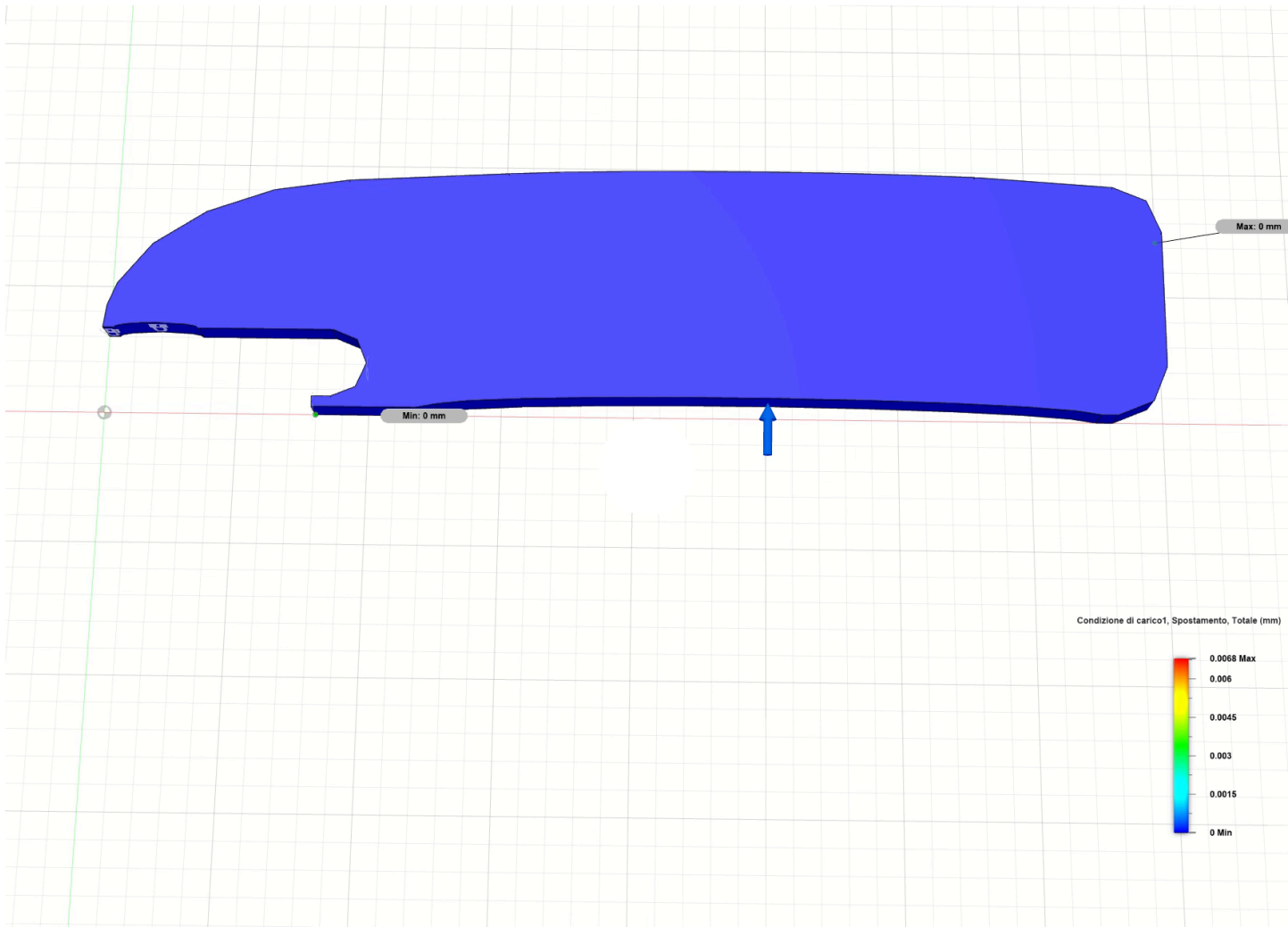
Von Mises



Forze di reazione



Spostamento

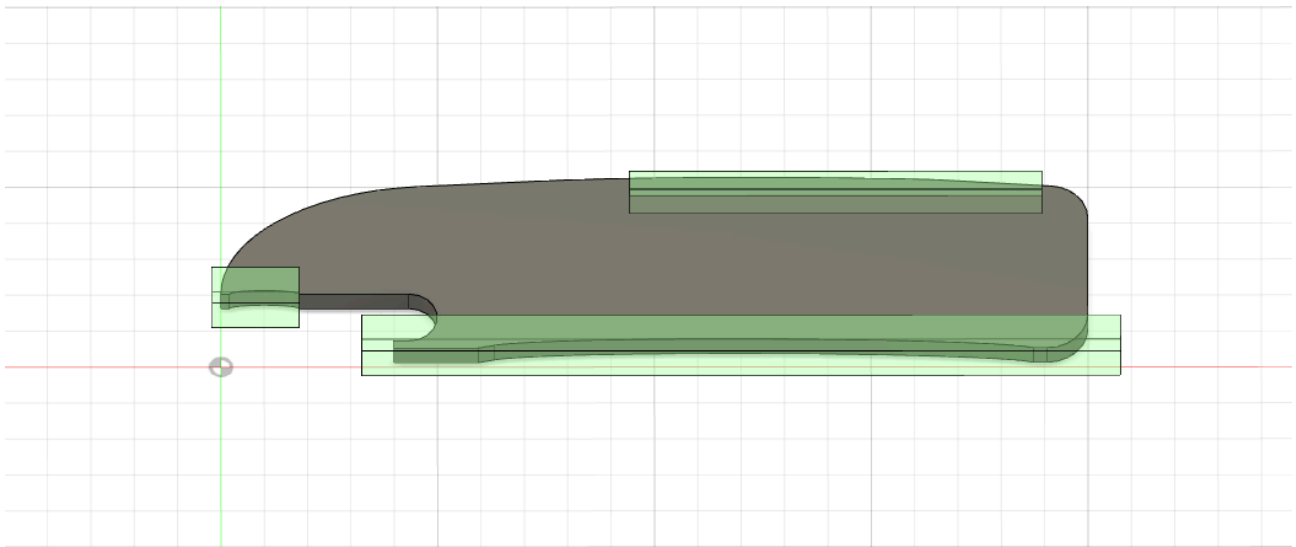


Analisi di generative-design

Impostazioni di simulazione

Massa	<= 50%
Materiale	Acciaio

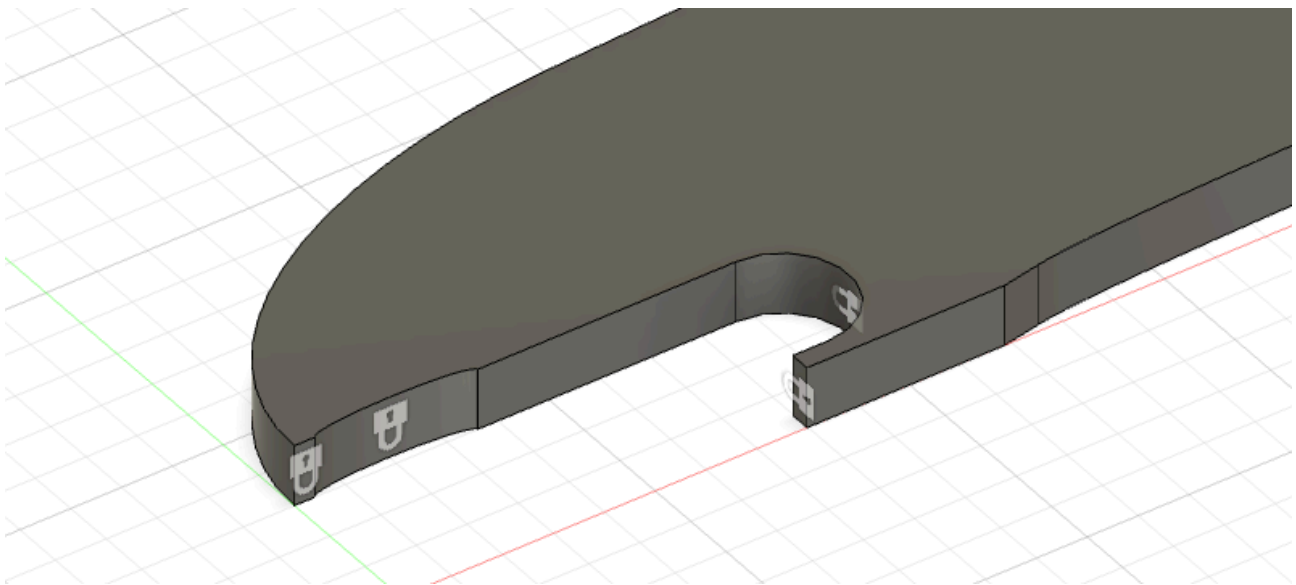
Aree mantenute:



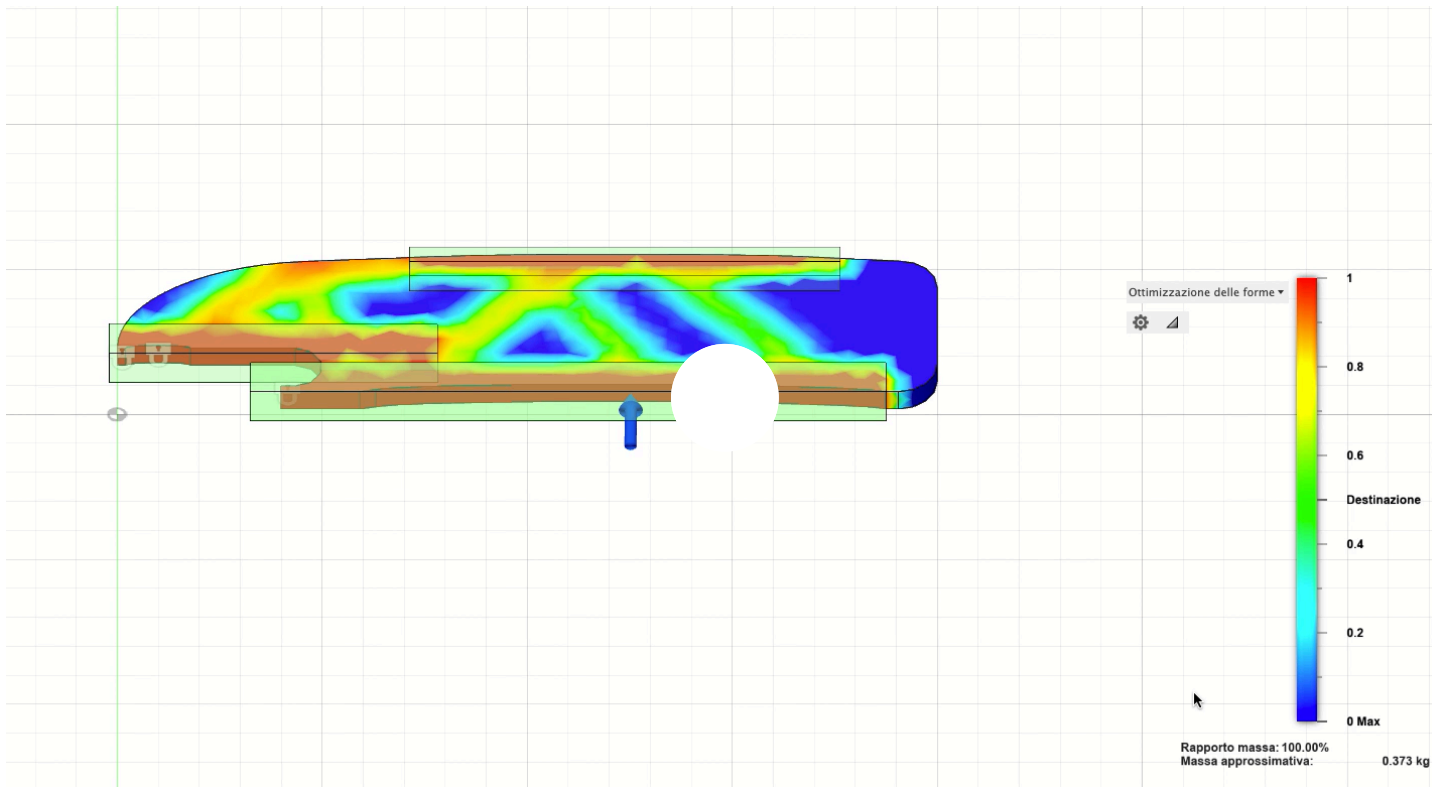
Condizioni di carico

Forza applicata: **100.00 N**

Vincoli:



Ottimizzazione delle forme



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