

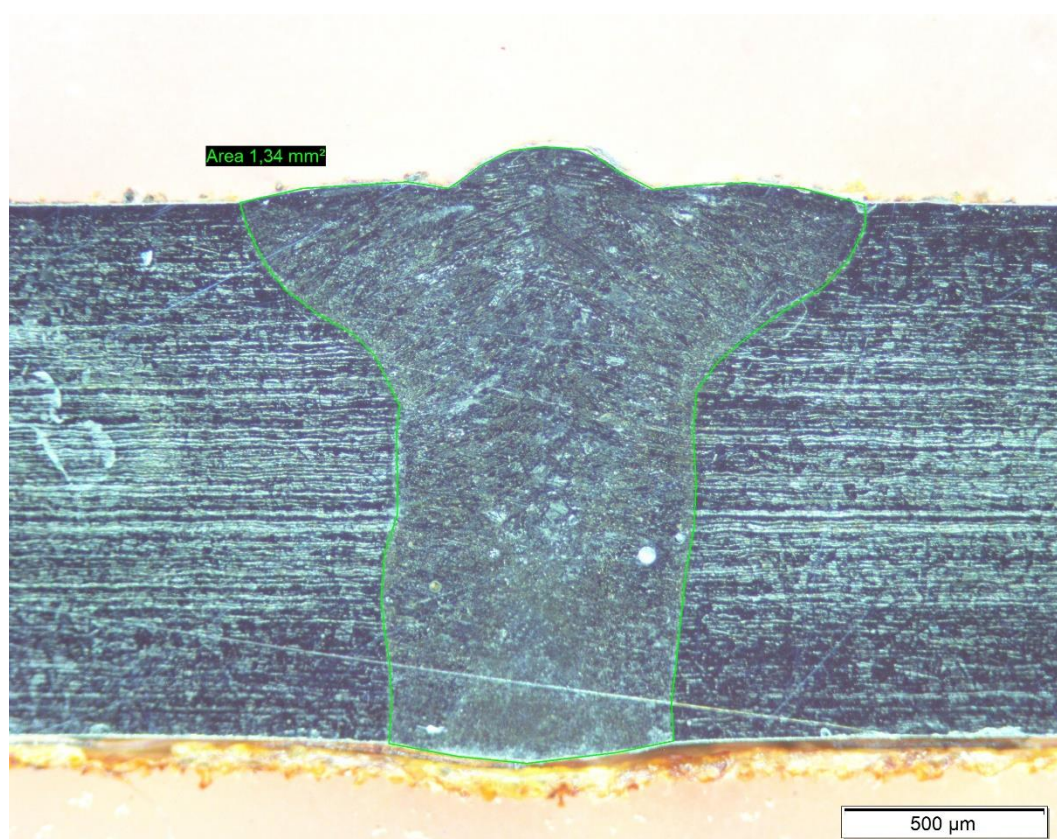
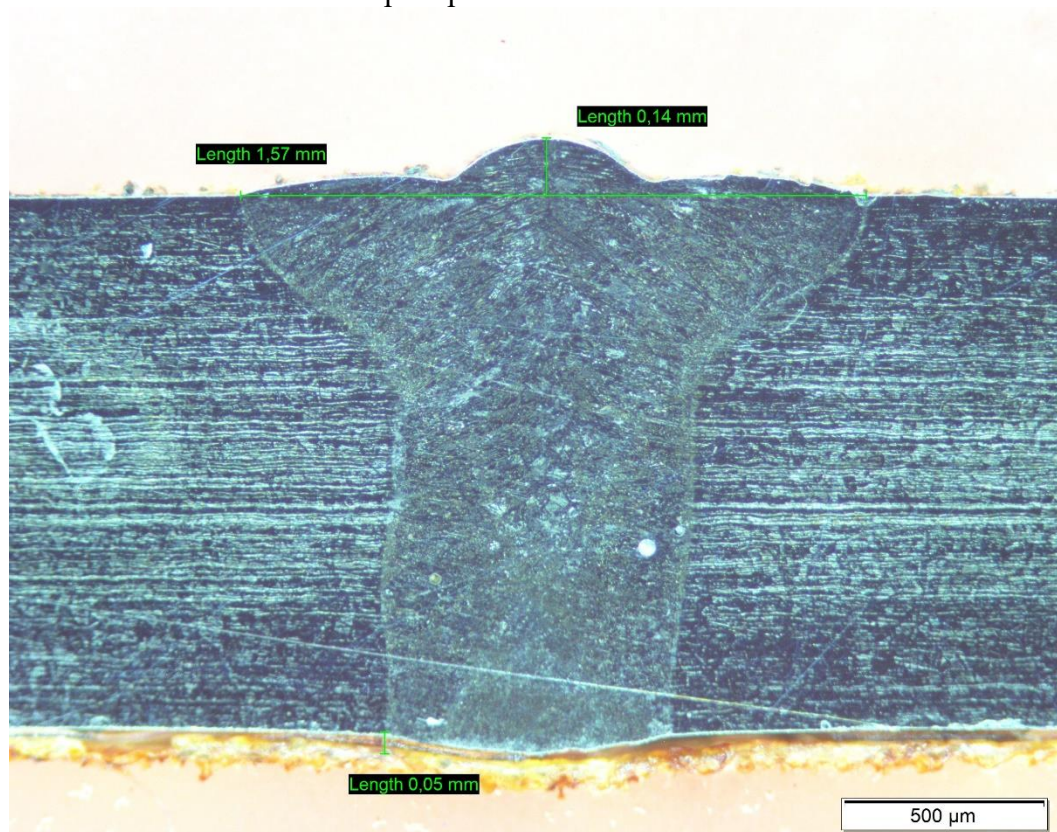
9. MELLÉKLET

Jelen mellékletben a hegesztési varratok számozása a következőképpen történik: az első szám vonatkozik a kísérletsorozat számára, a második szám az első kísérletsorozat esetén a beállított impulzusfrekvenciát jelöli, a második kísérletsorozat esetén pedig a beállított kitöltési tényezőt és attól kötőjellel elválasztva a lézernyaláb lengetési szélességet. A harmadik szám arra utal, hogy a varrat a félbevágott csőnek melyik oldalán található (az 1-es jelöli azt a keresztmetszetet, amit korábban, a 2-es pedig azt, amelyiket később hegesztettem).

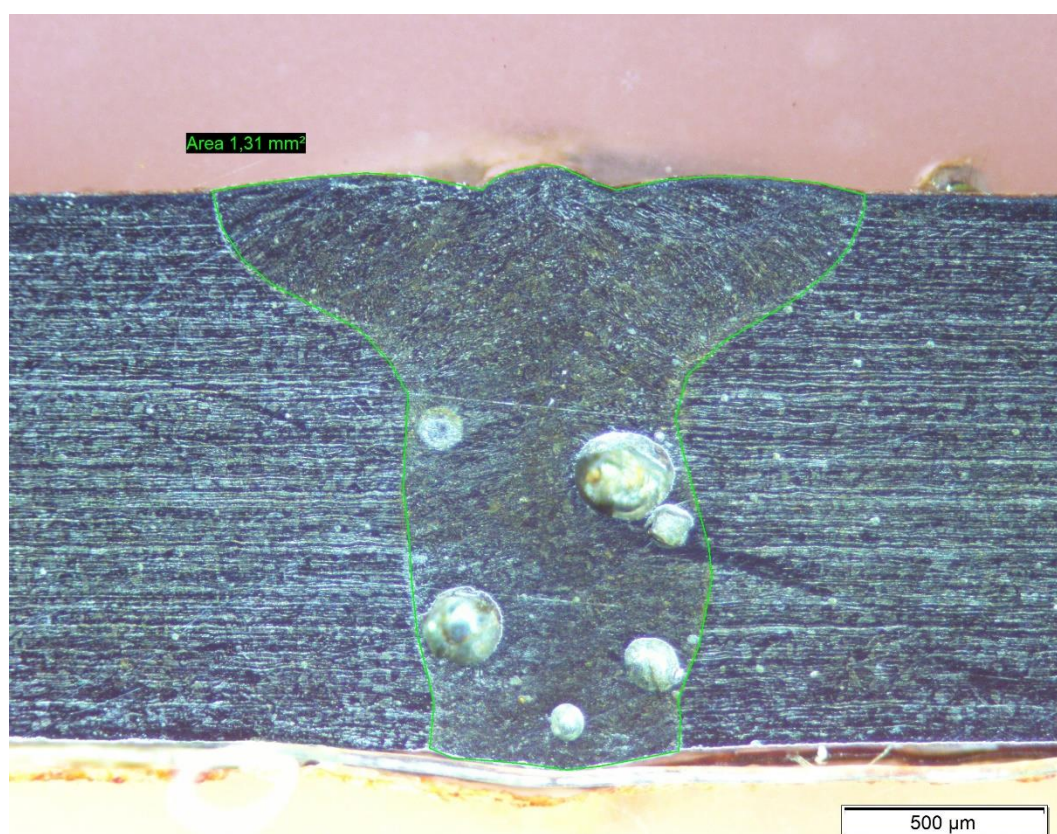
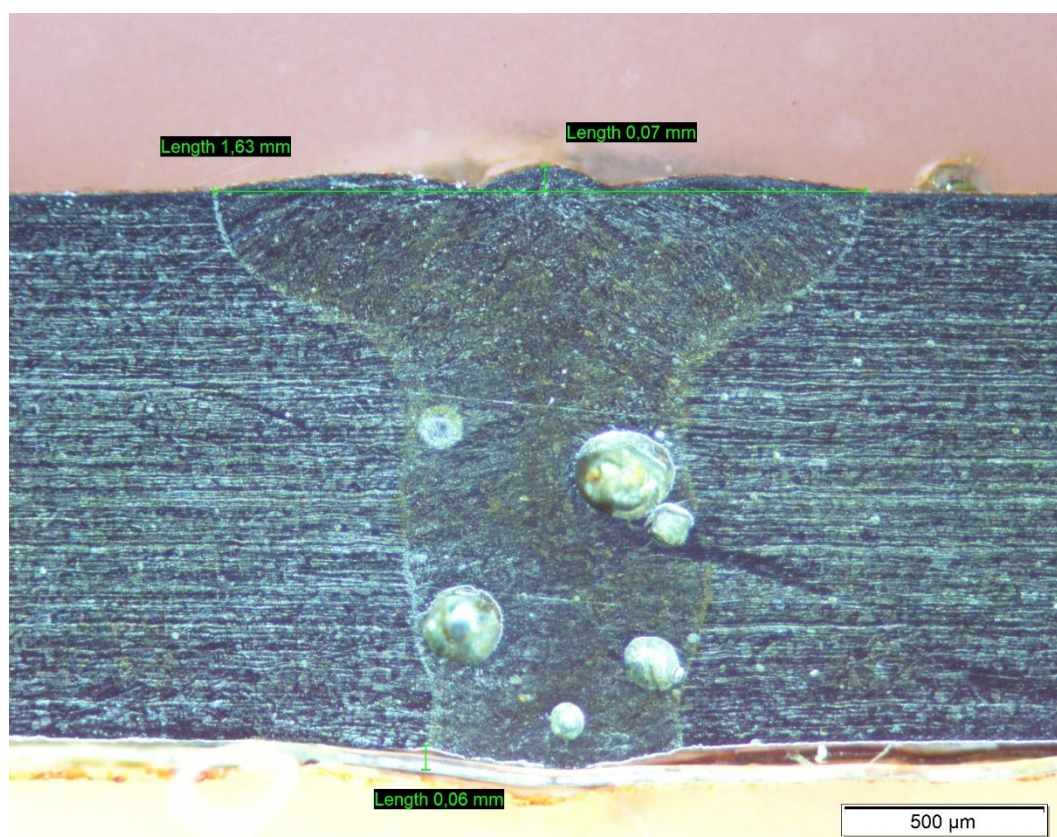
Példa: 1.200.1. első kísérletsorozatba tartozó varrat, melynek készítése során a beállított impulzusfrekvencia 200 Hz volt és a félbevágott csőnek azon a keresztmetszetén található, amit előbb hegesztettem.

Minden varrat esetén az első képen a varratszélesség és a varratmélység, a második képen pedig a varratterület méretezése szerepel.

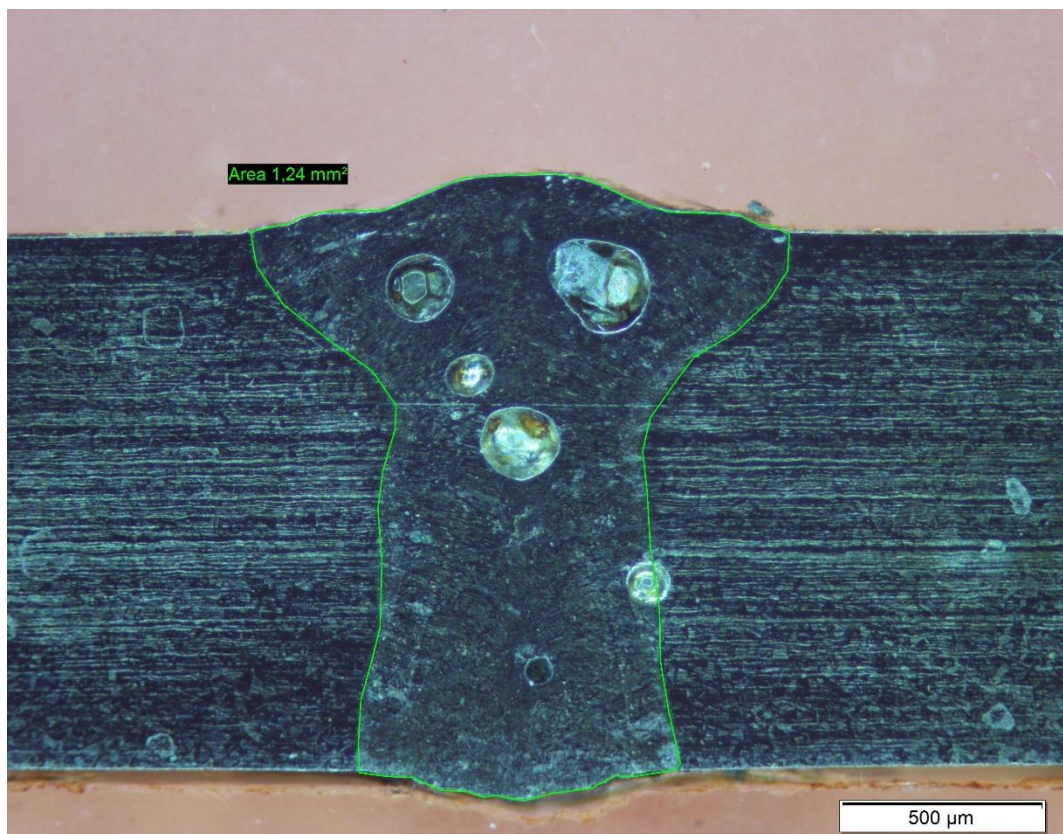
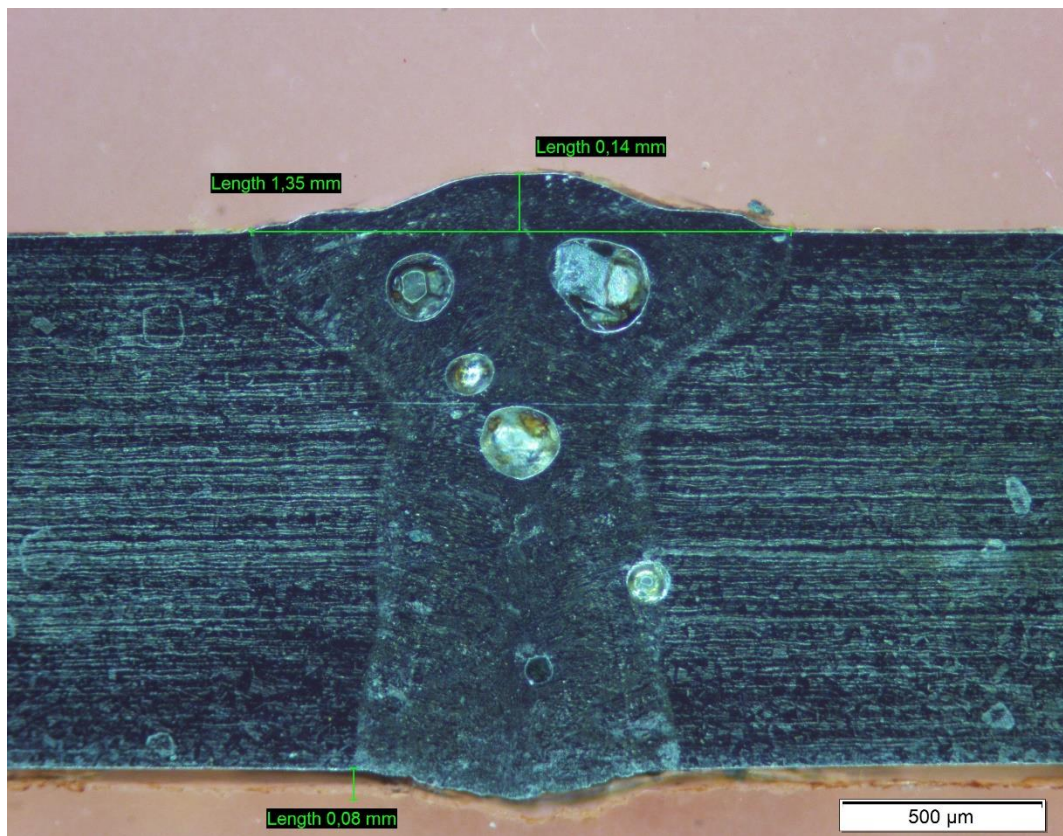
Az első kísérletsorozat mikroszkópi képei:



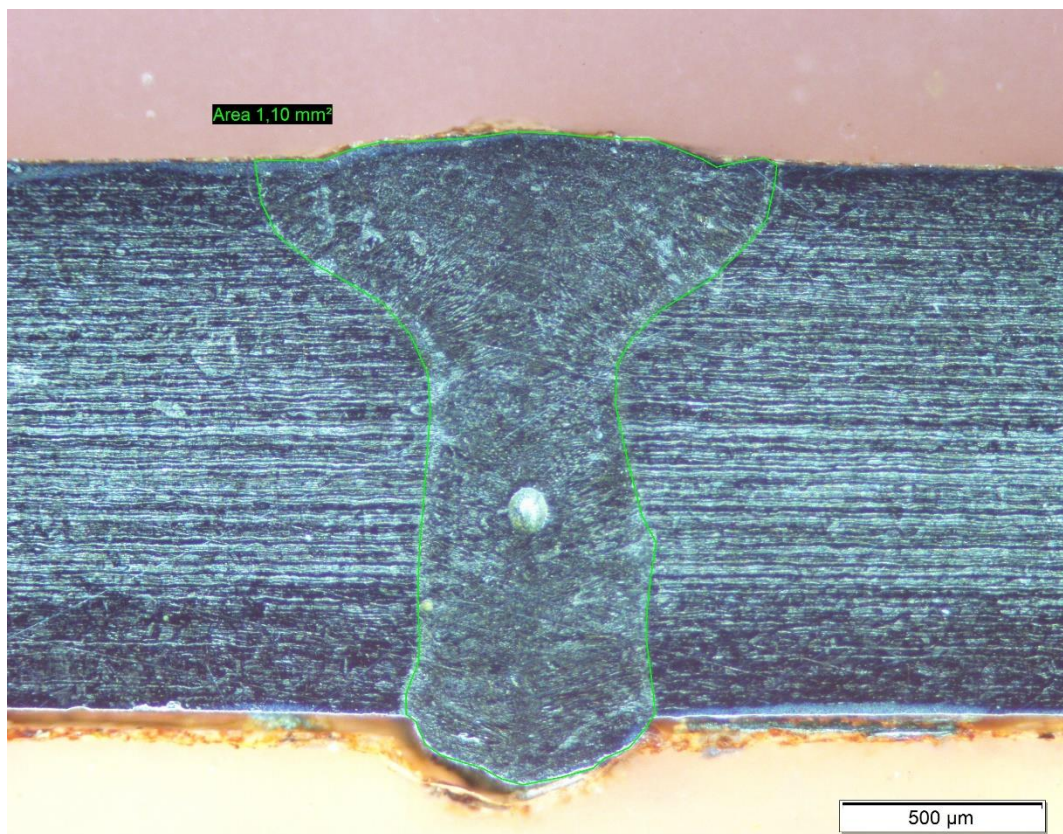
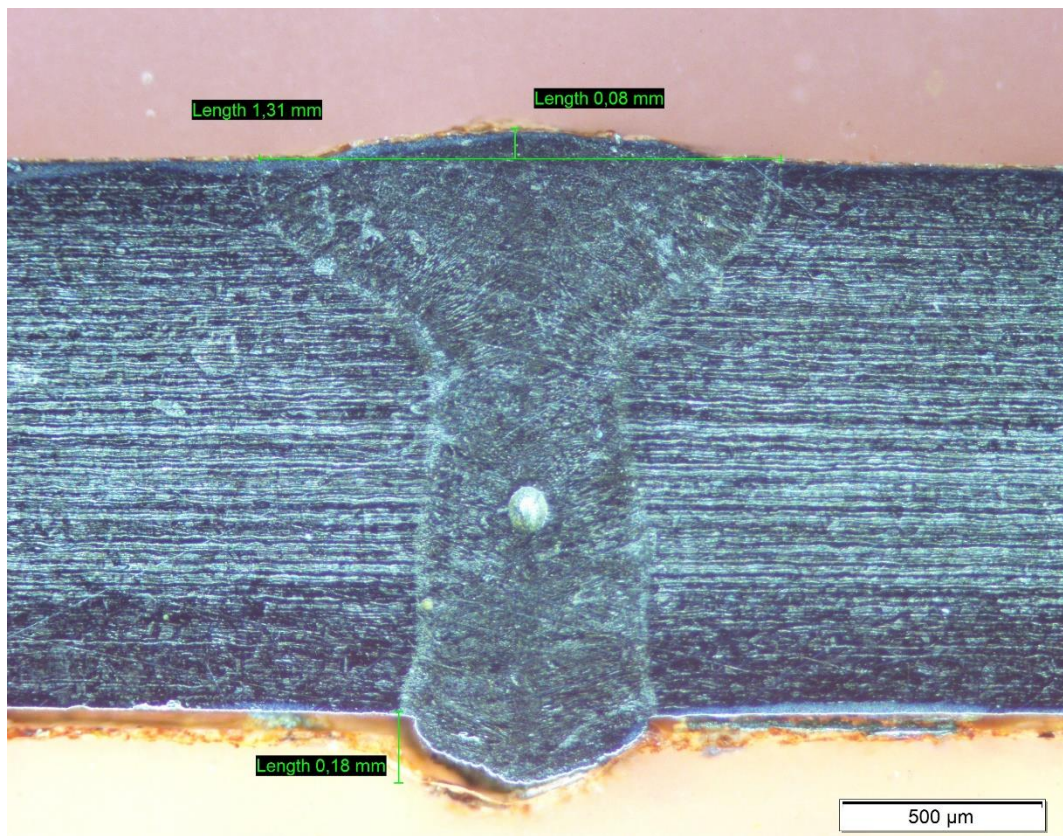
1.10.1.



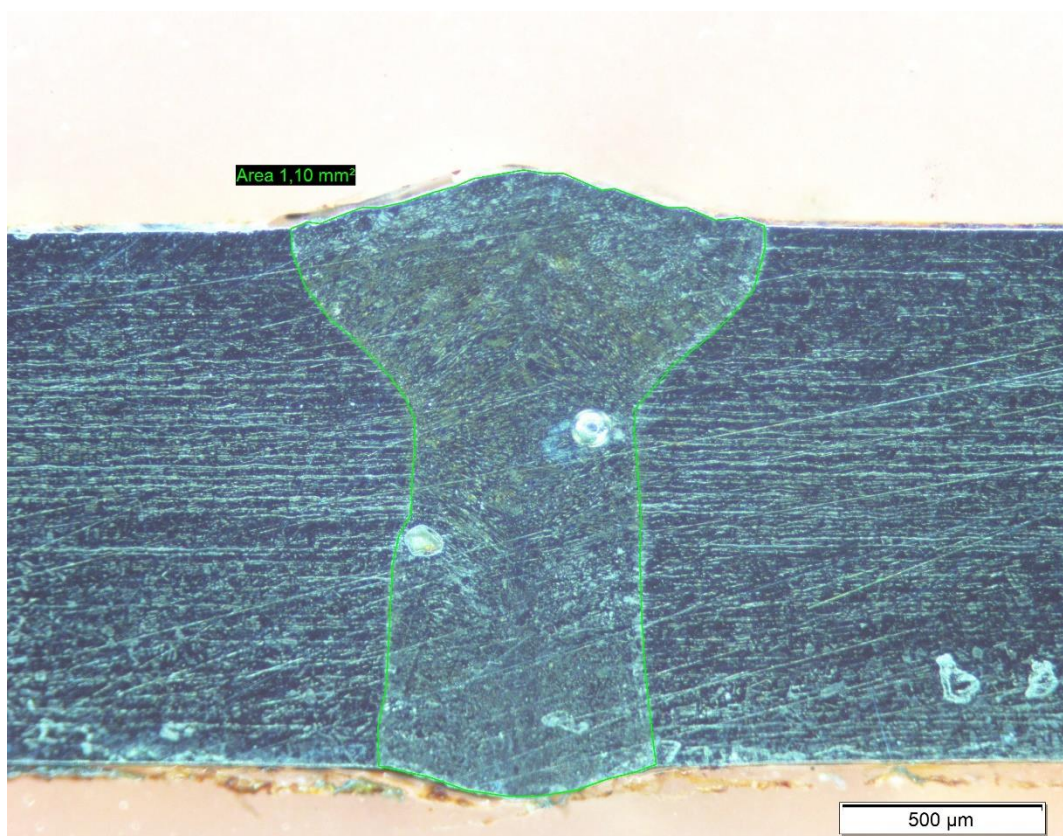
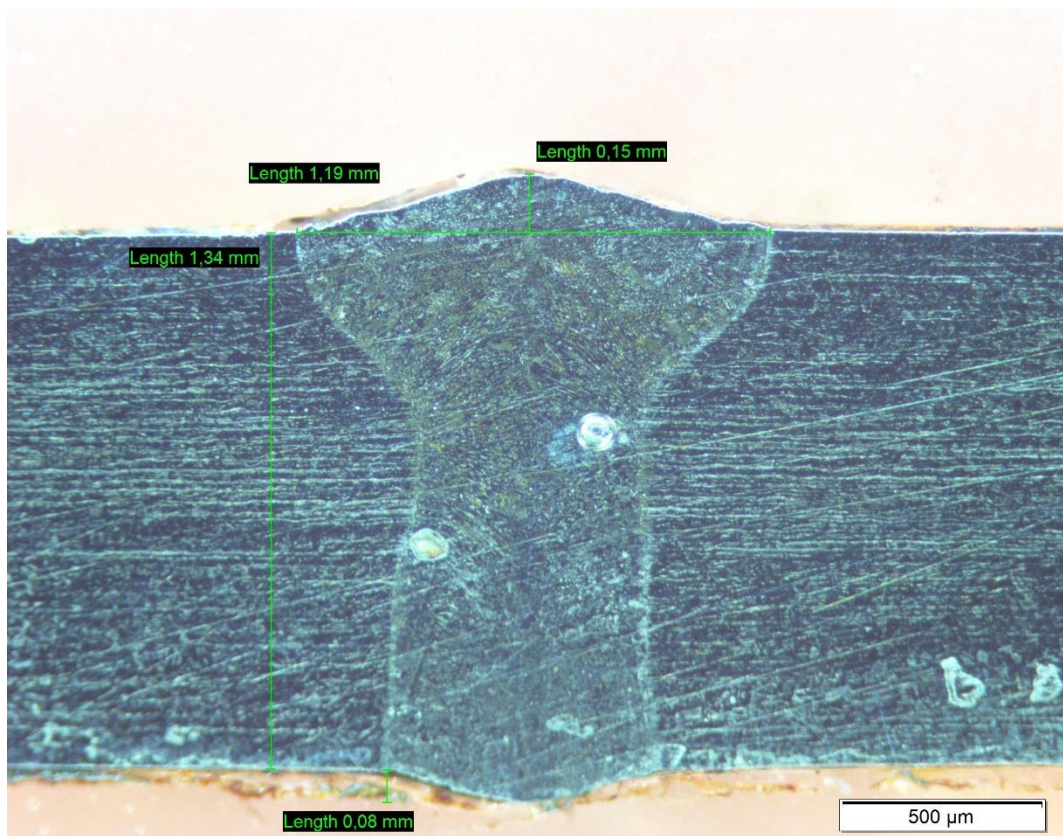
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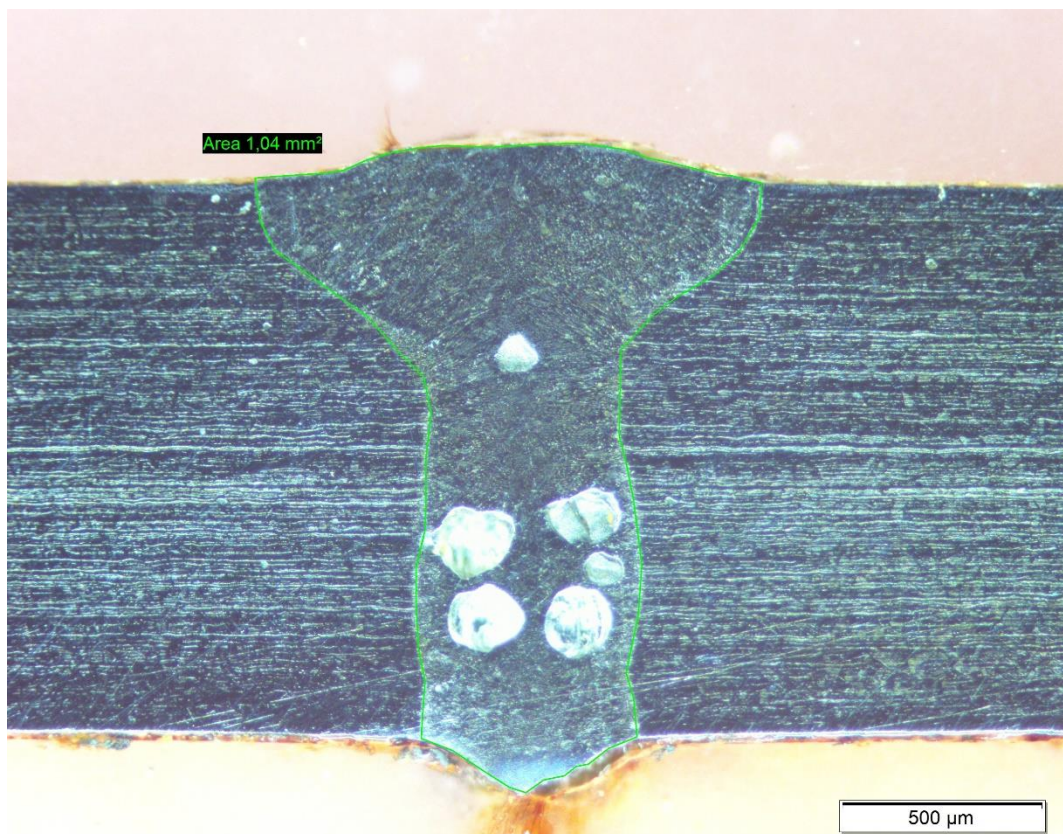
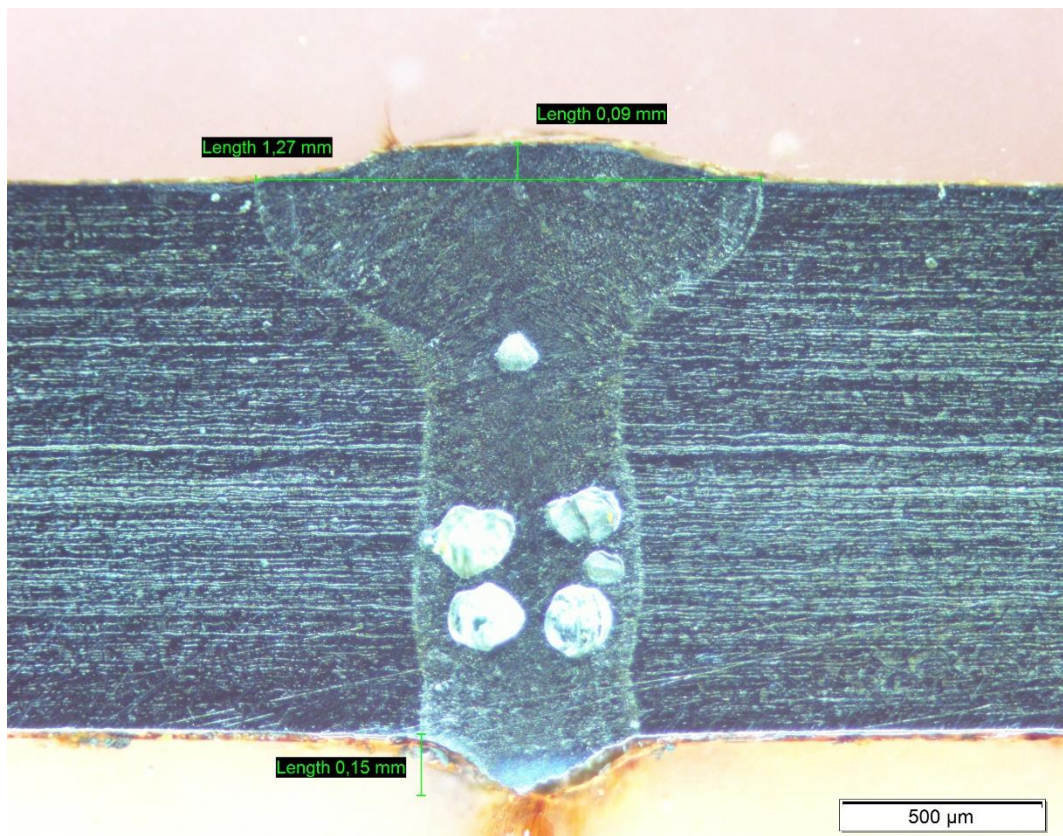
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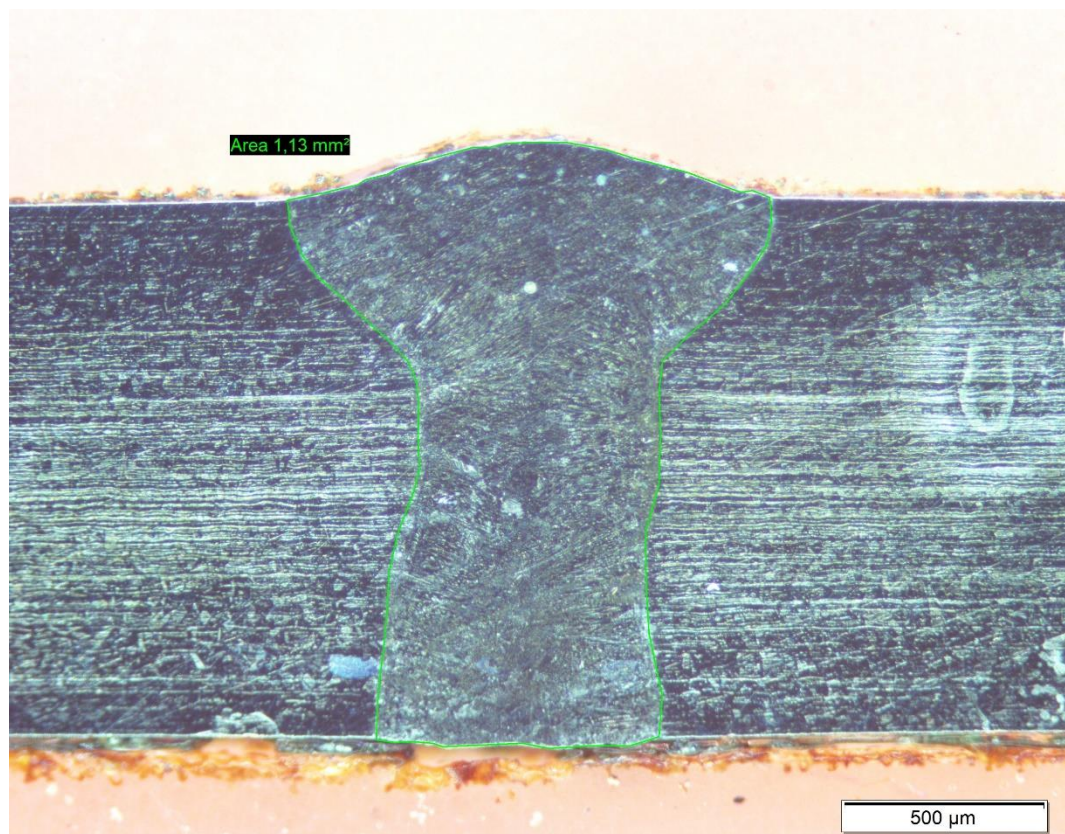
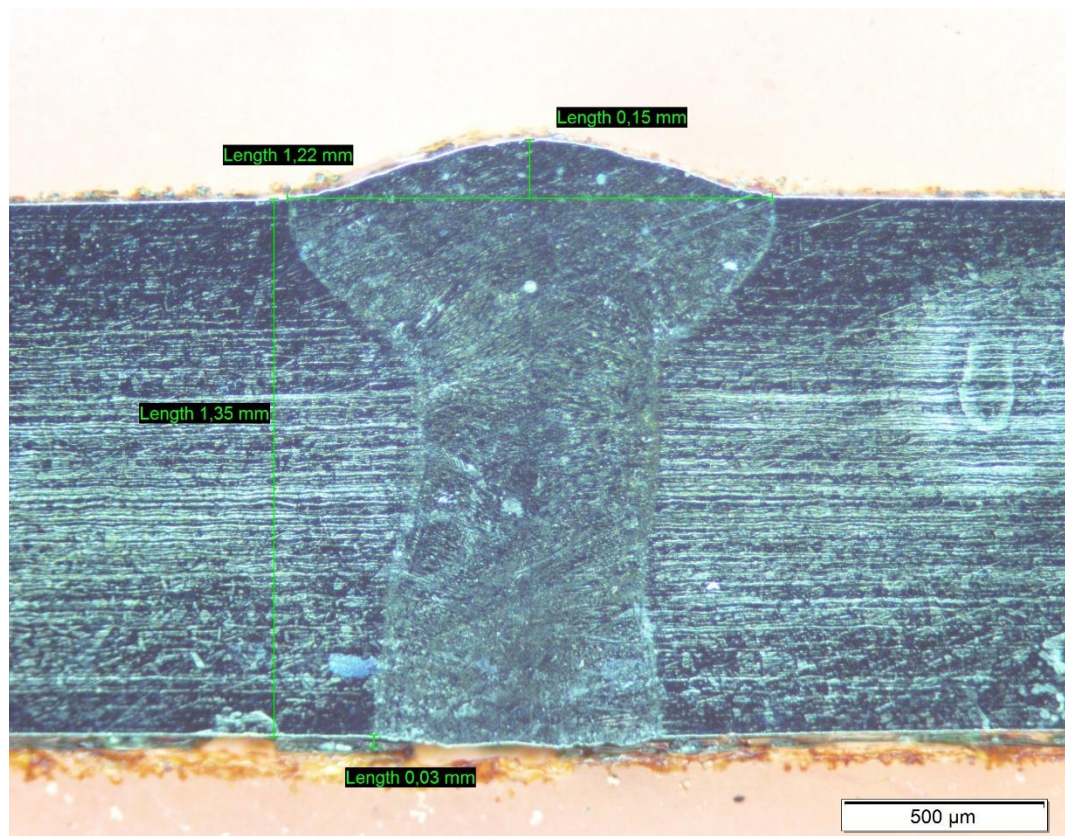
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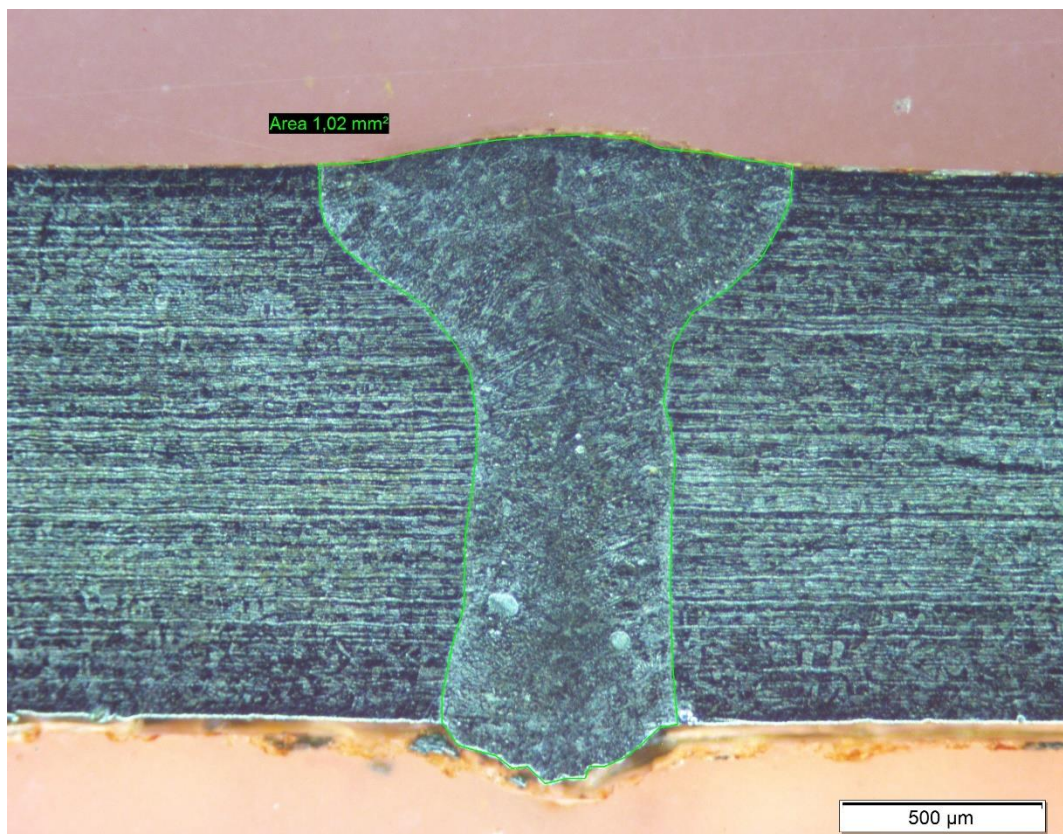
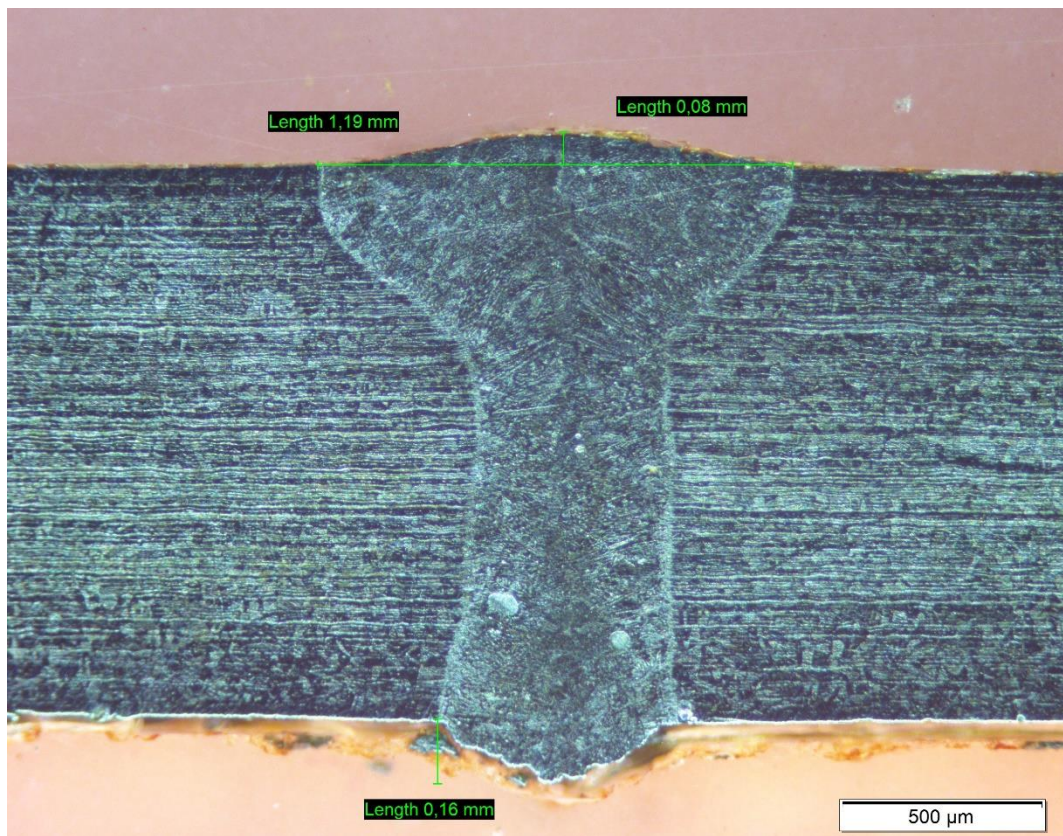
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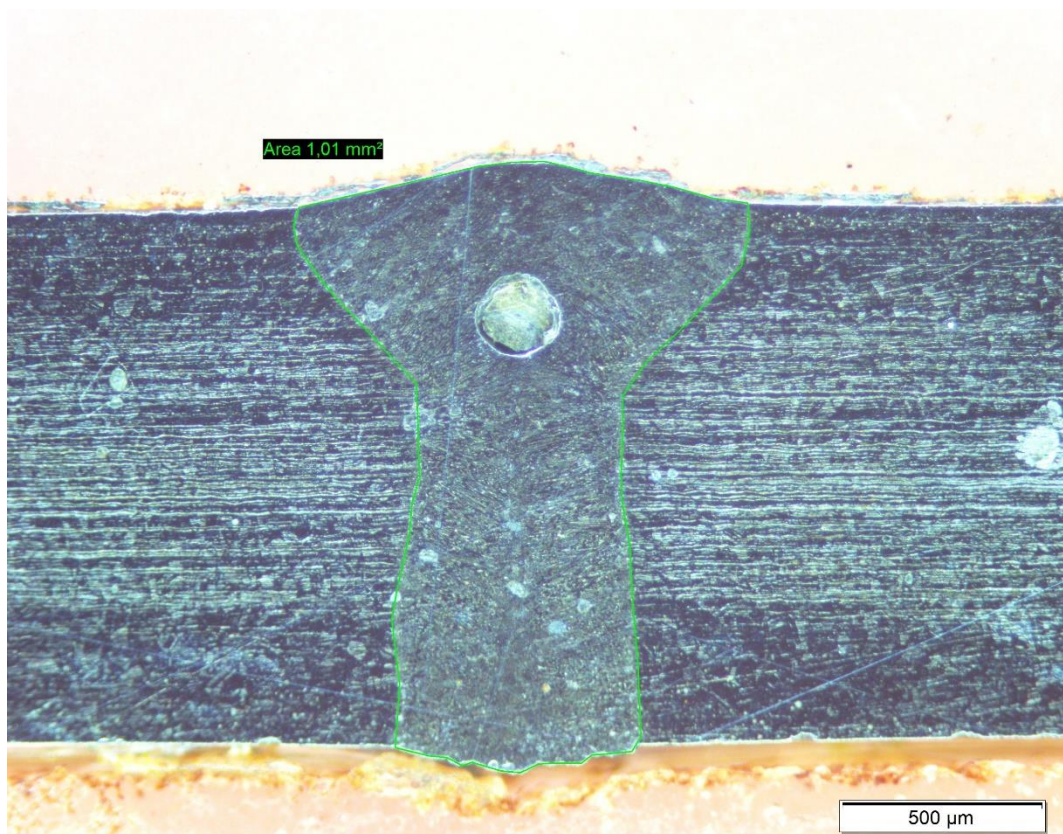
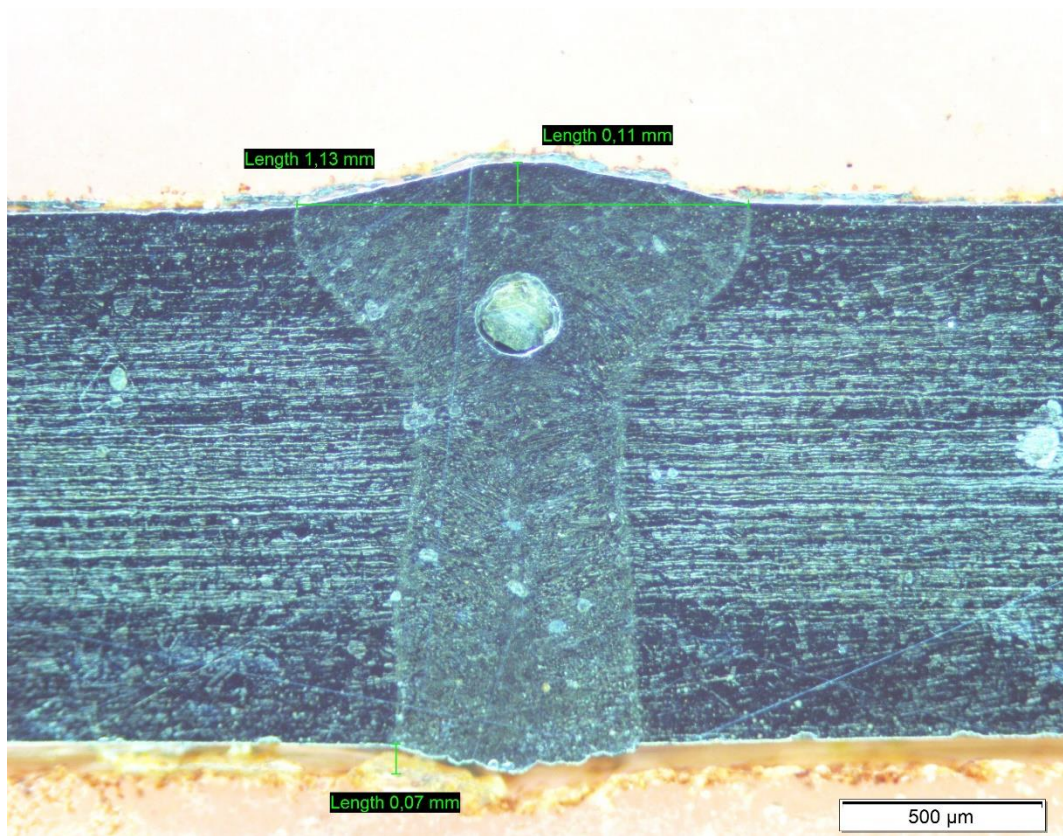
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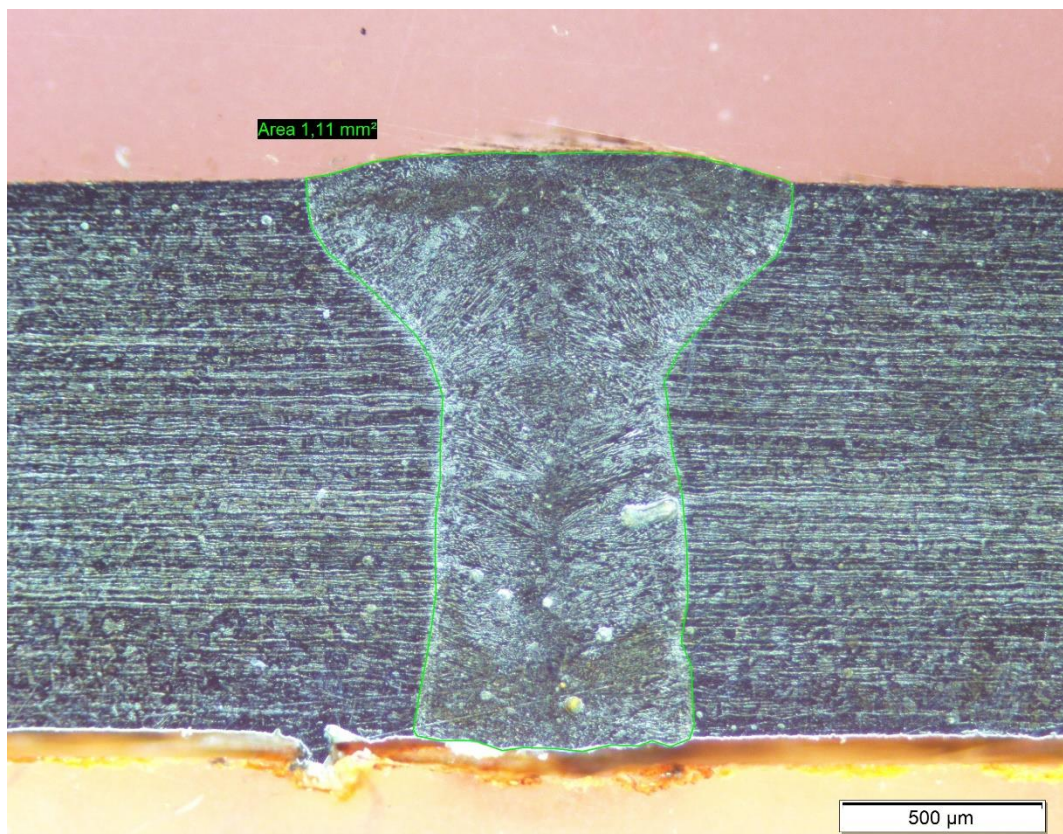
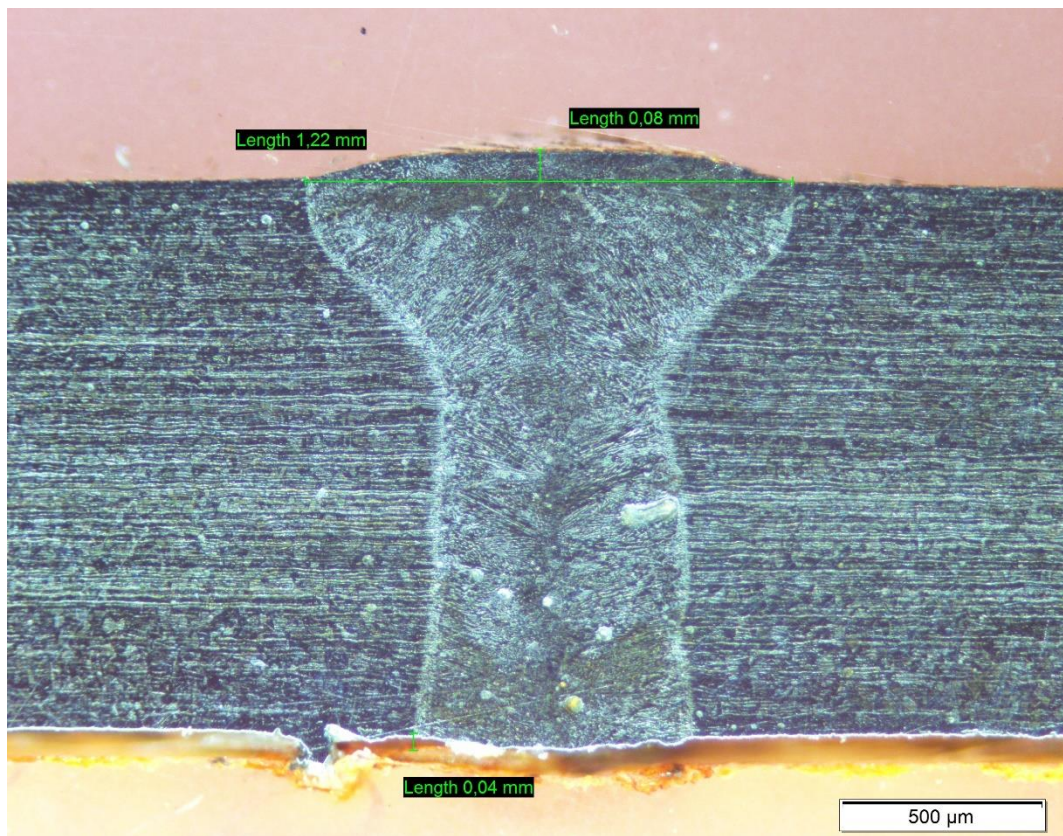
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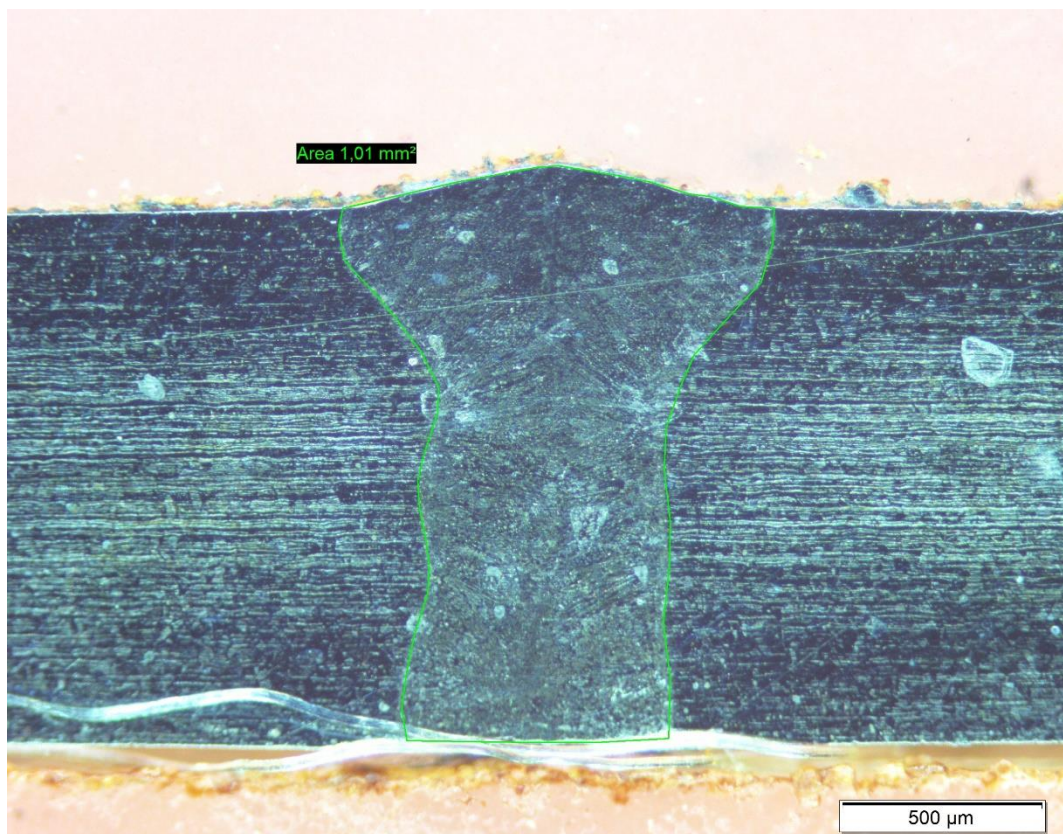
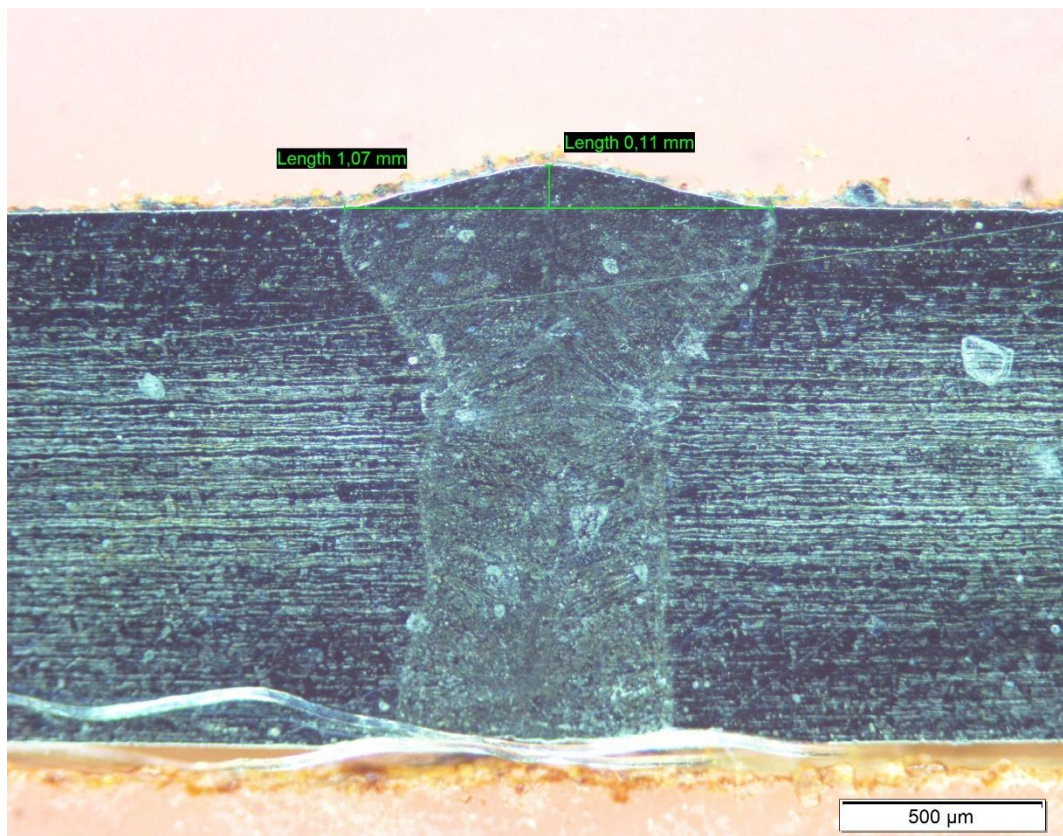
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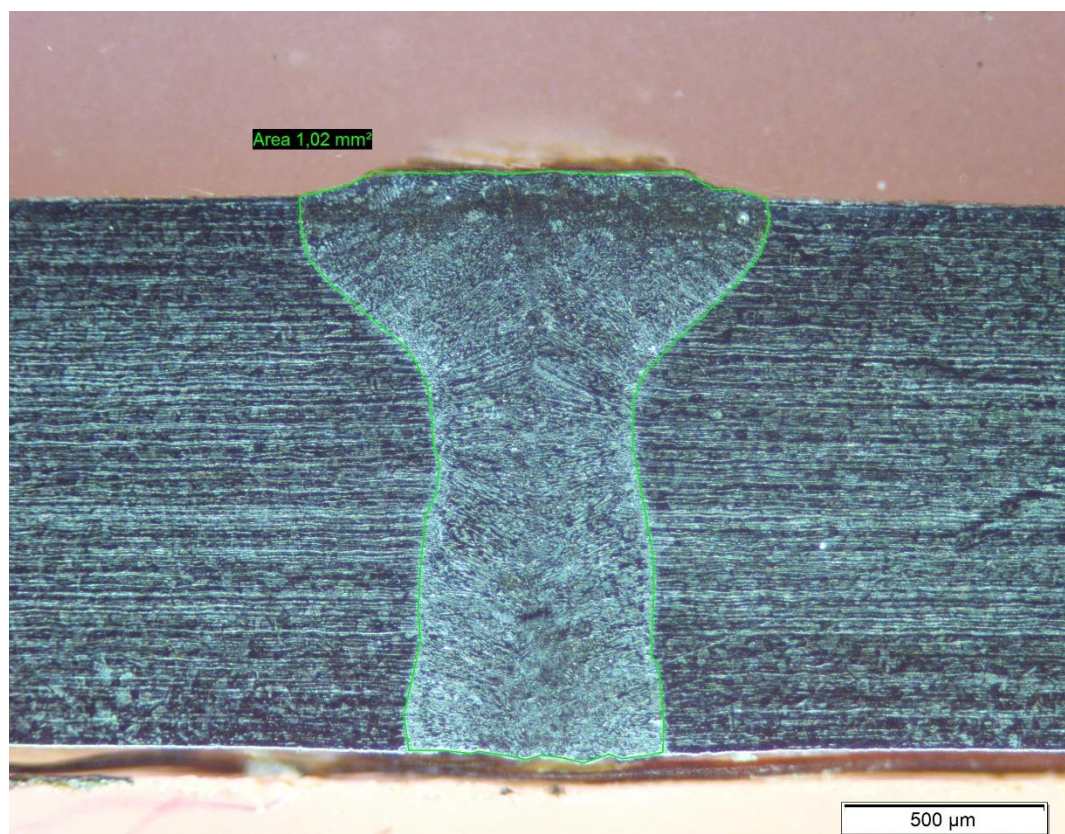
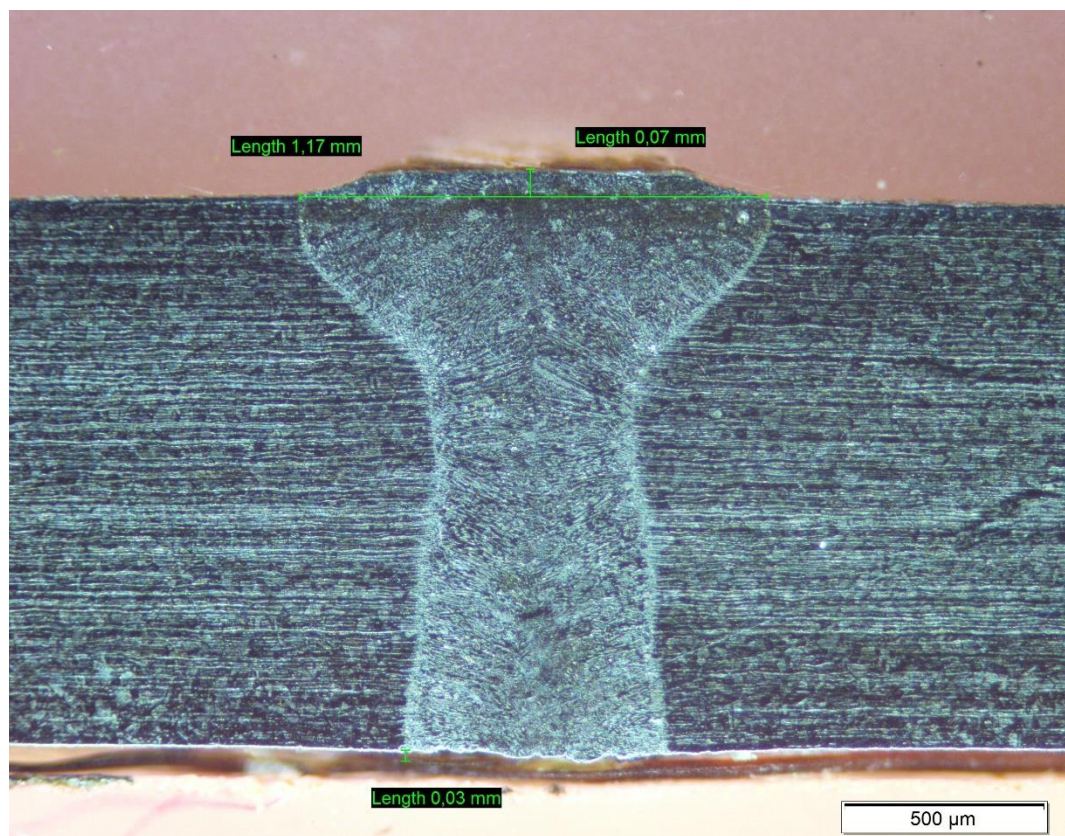
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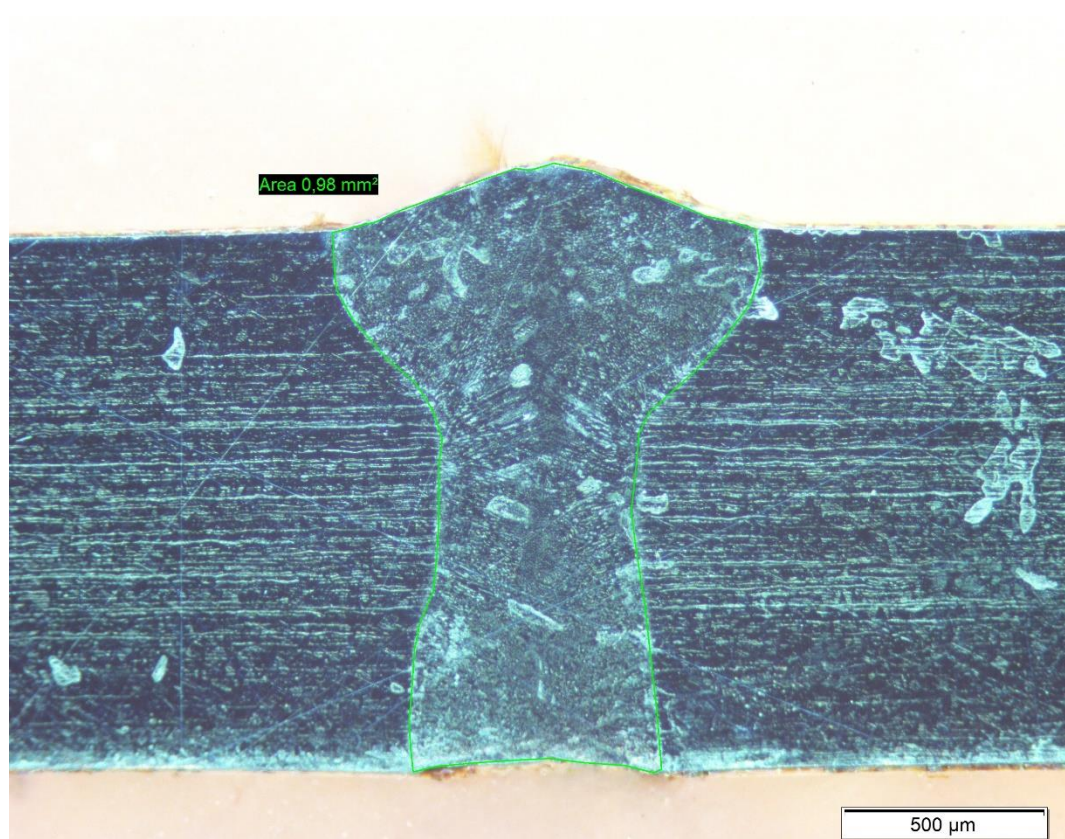
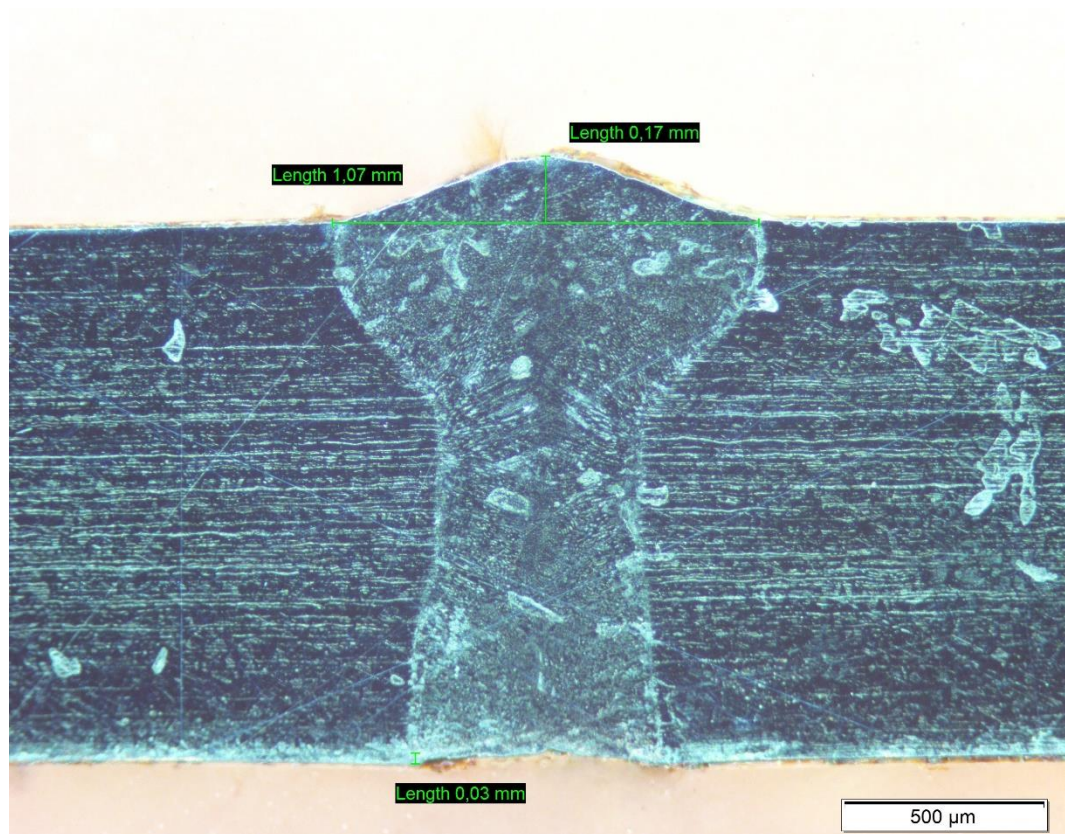
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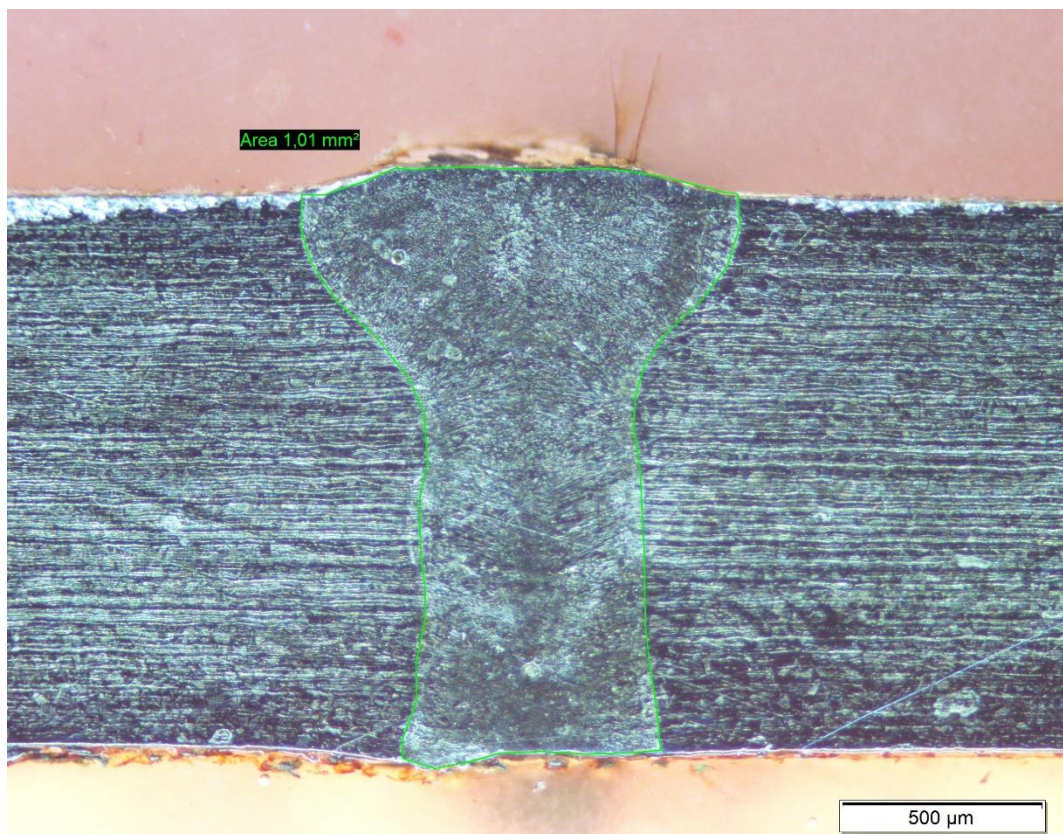
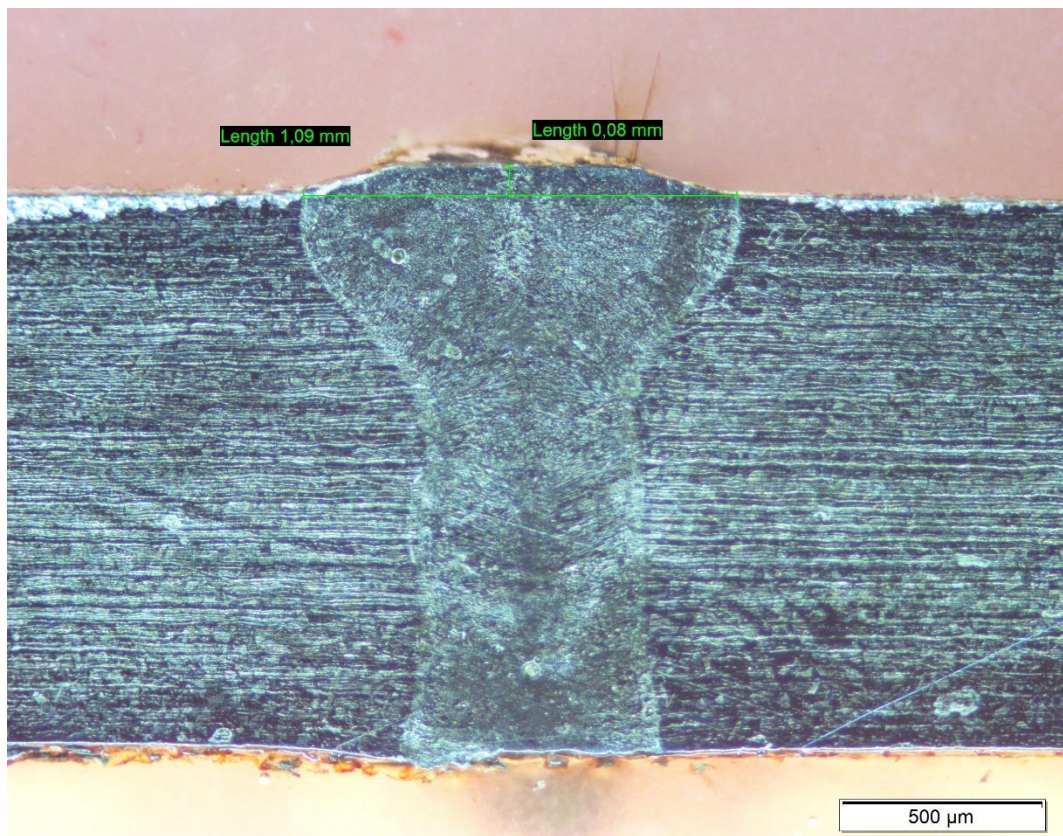
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1.200.2.

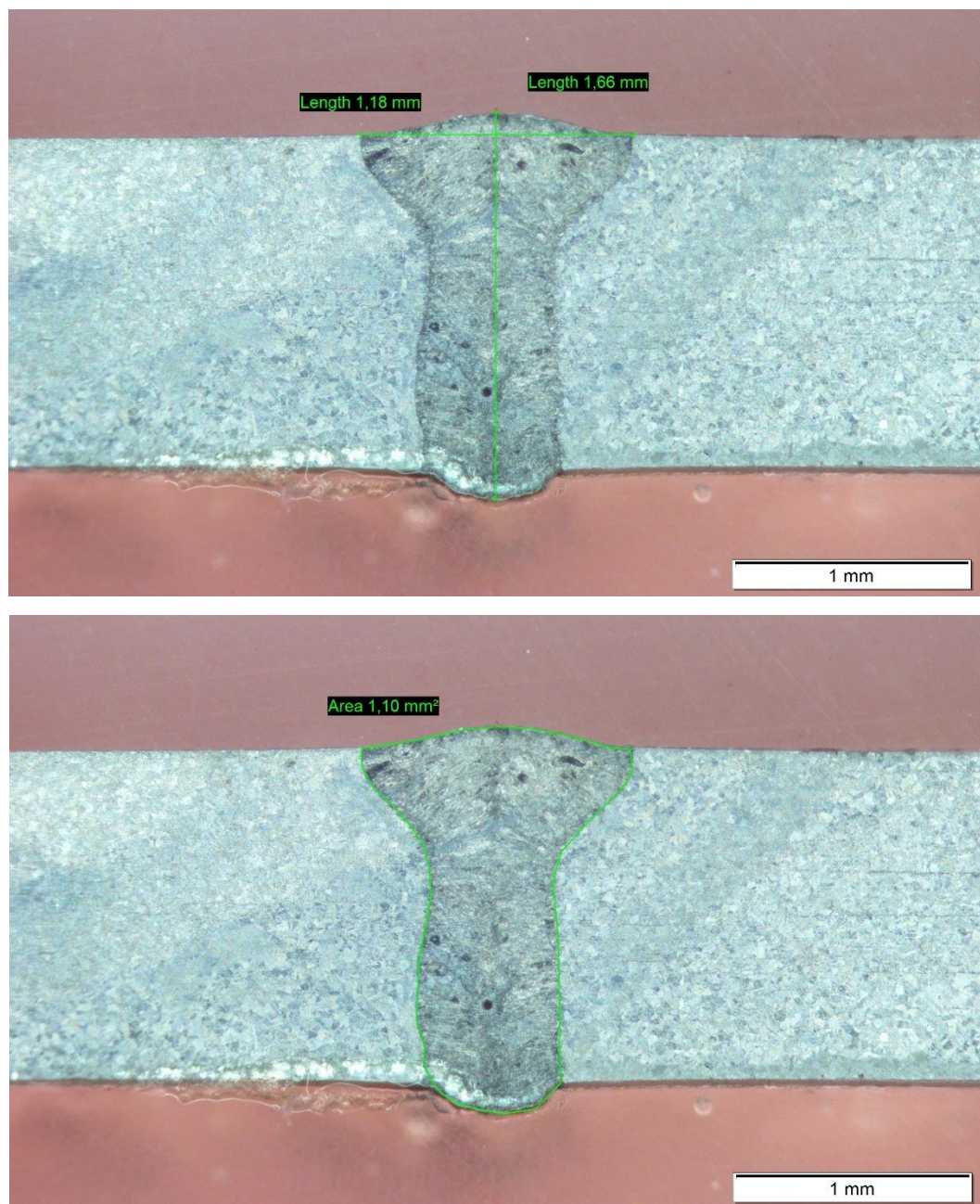


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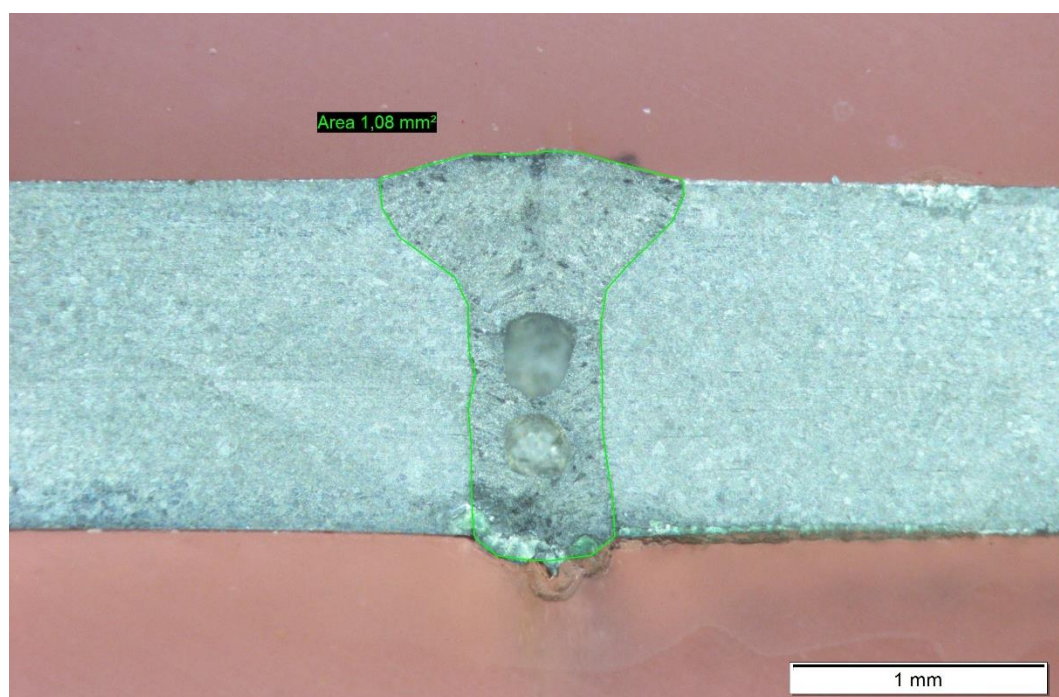
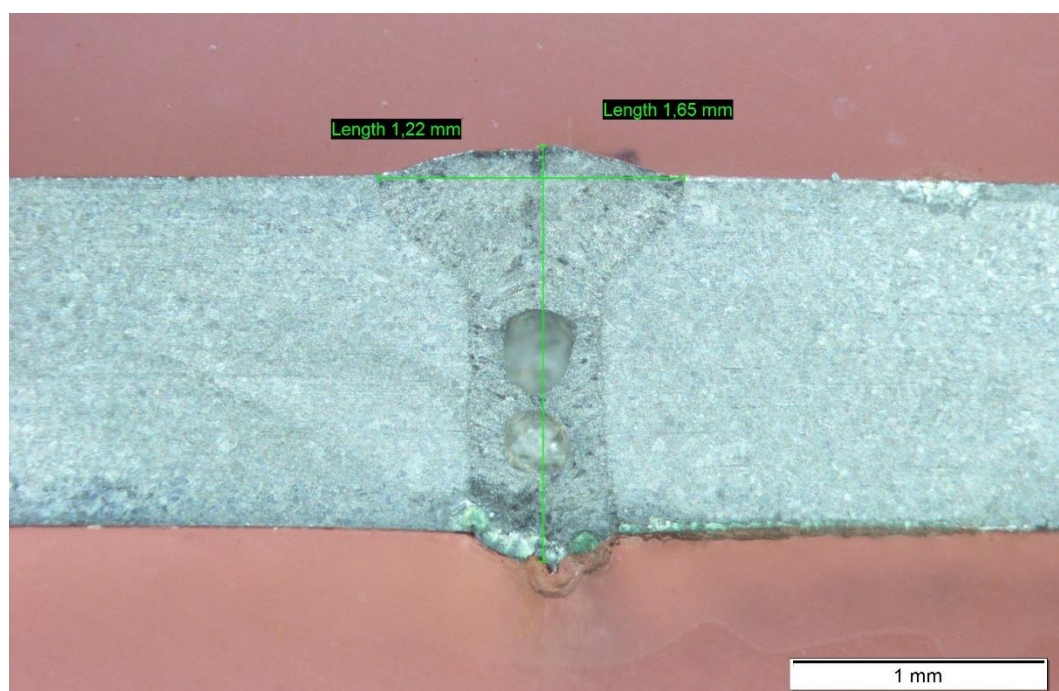


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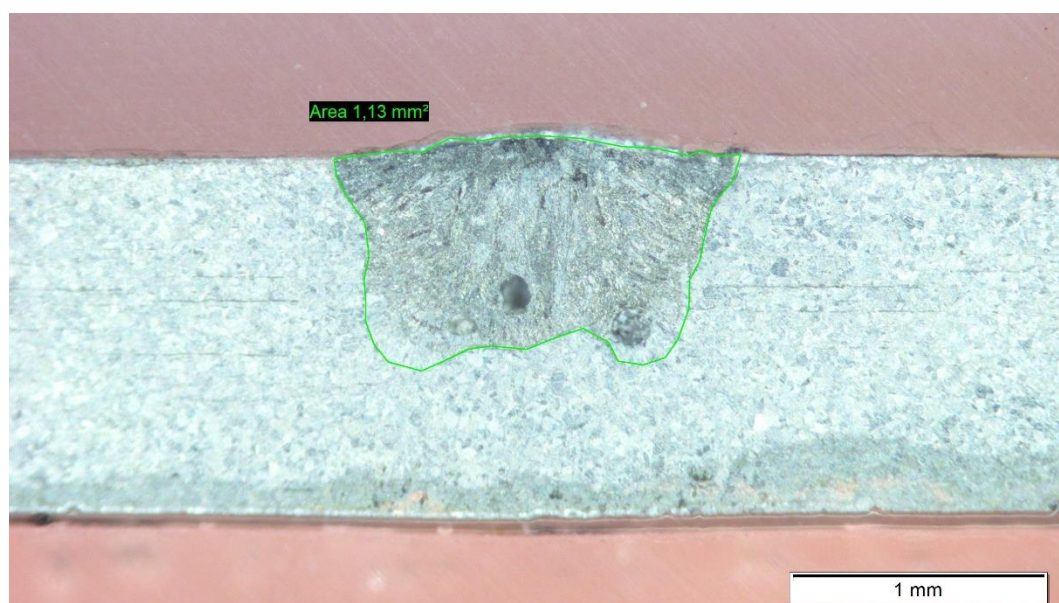
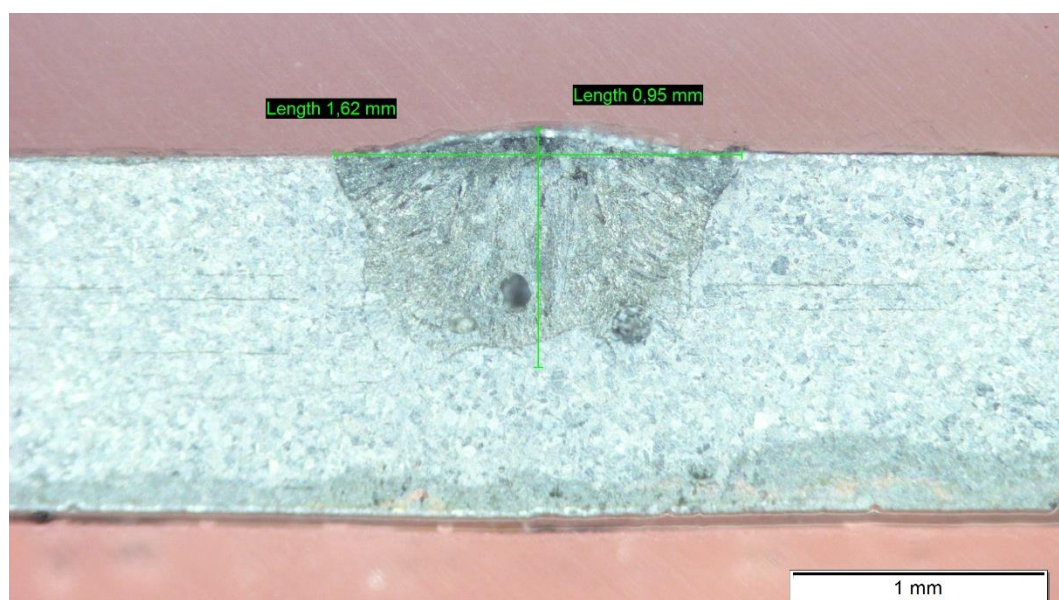
A második kísérletsorozat mikroszkópi képei:



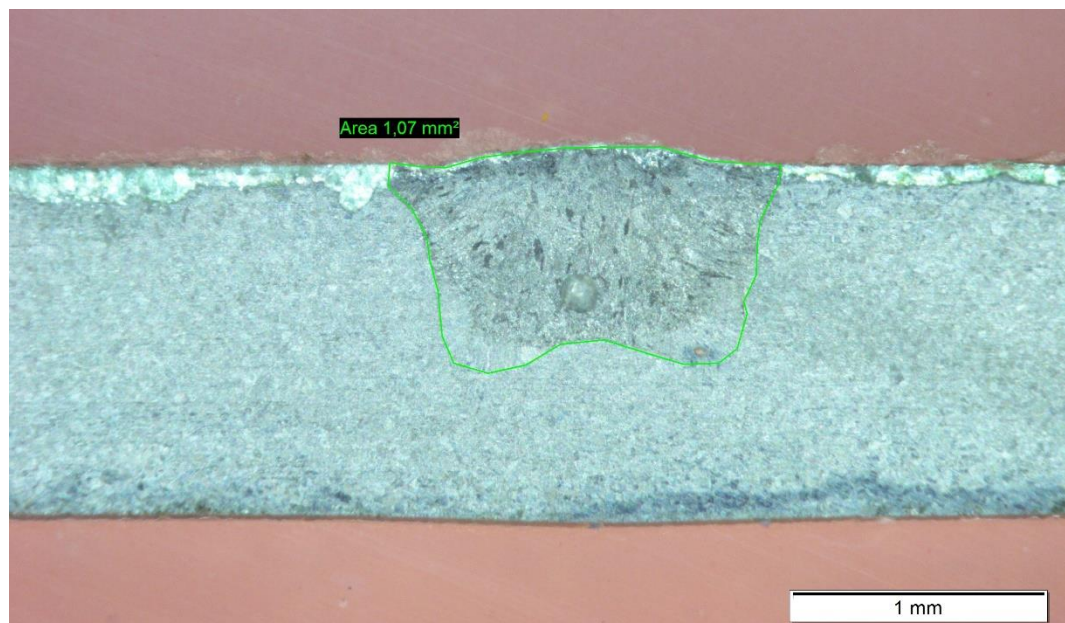
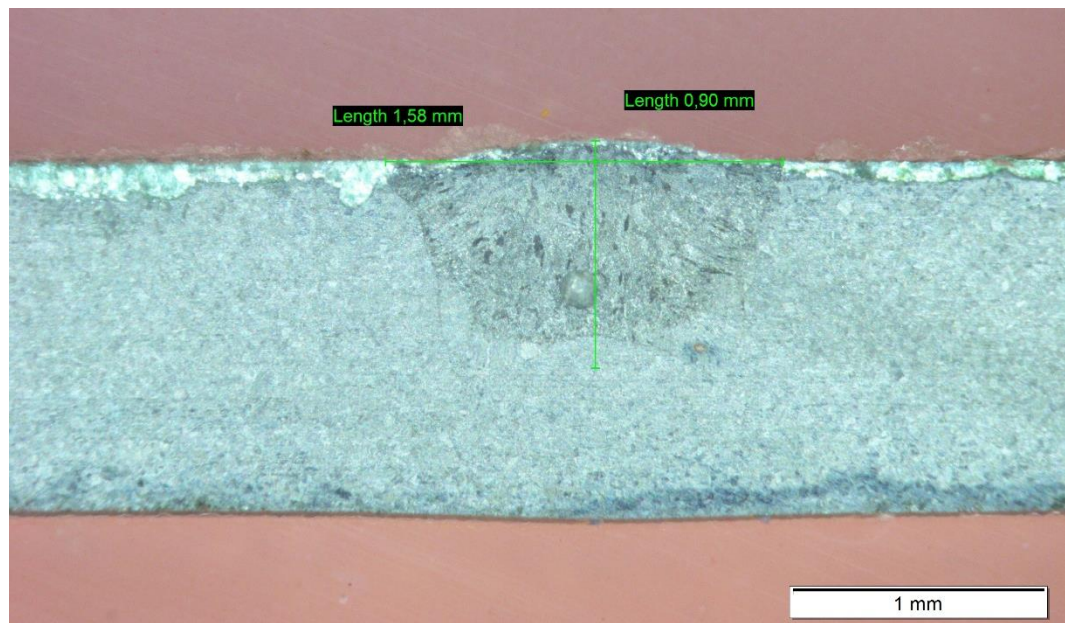
2.70-0.1.



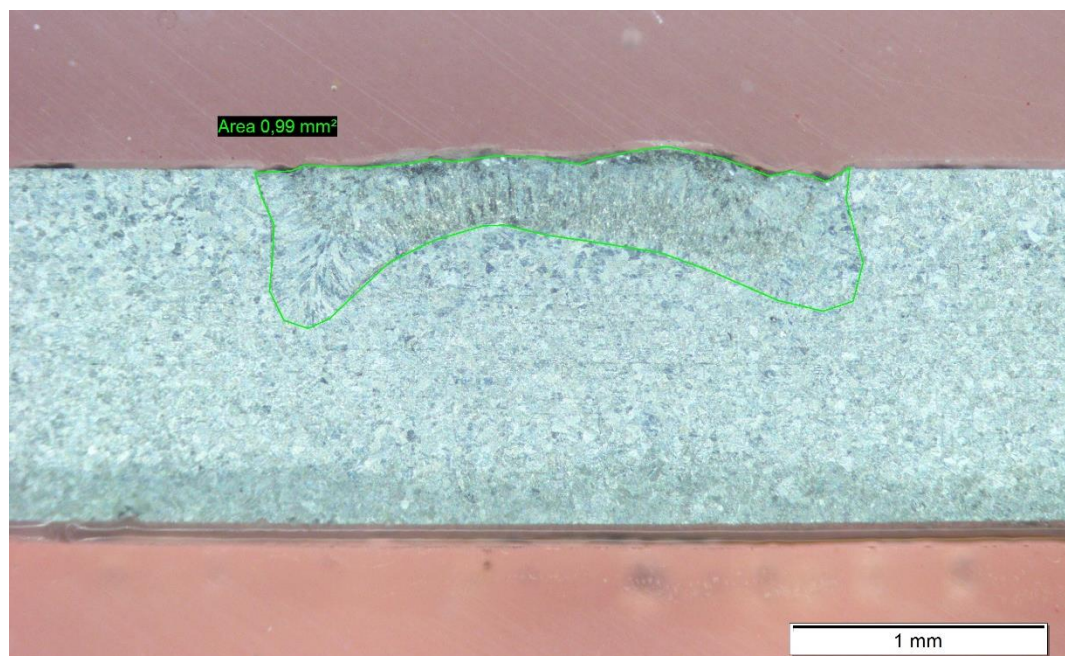
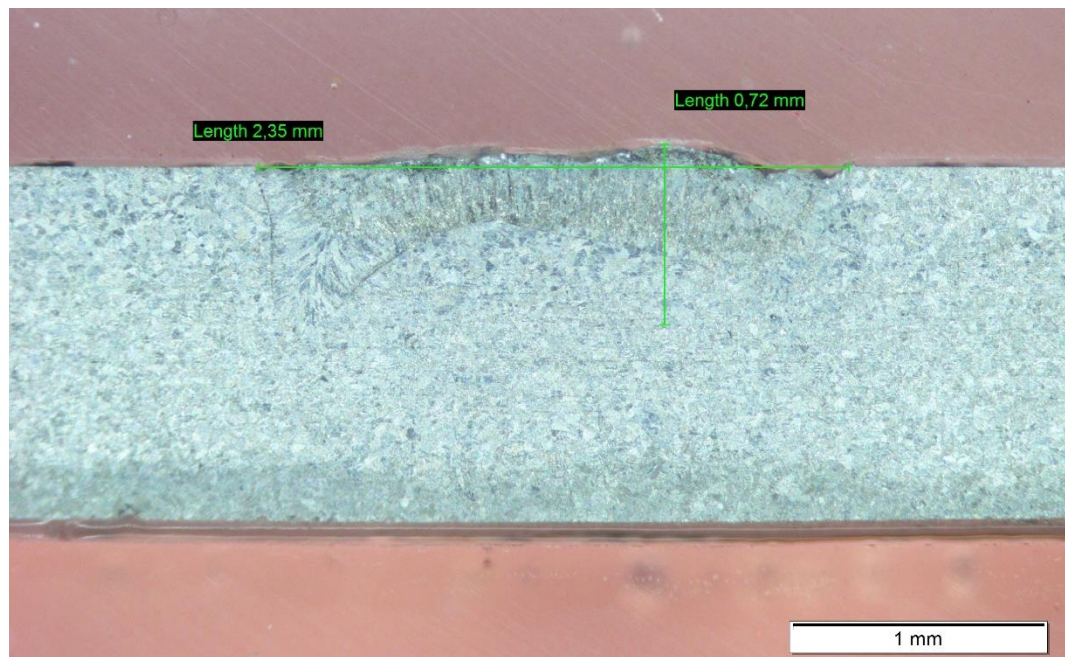
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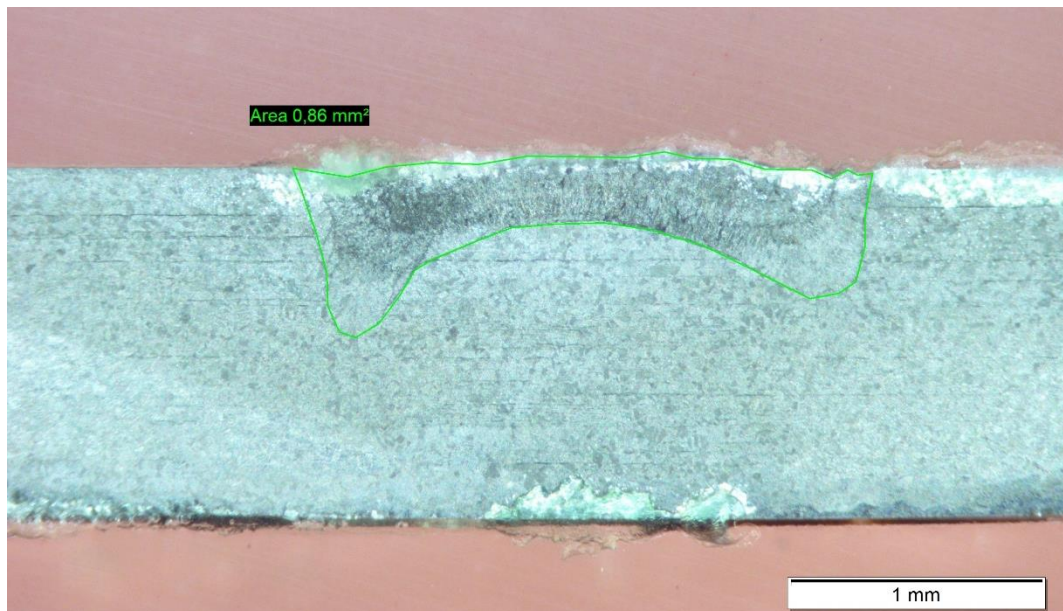
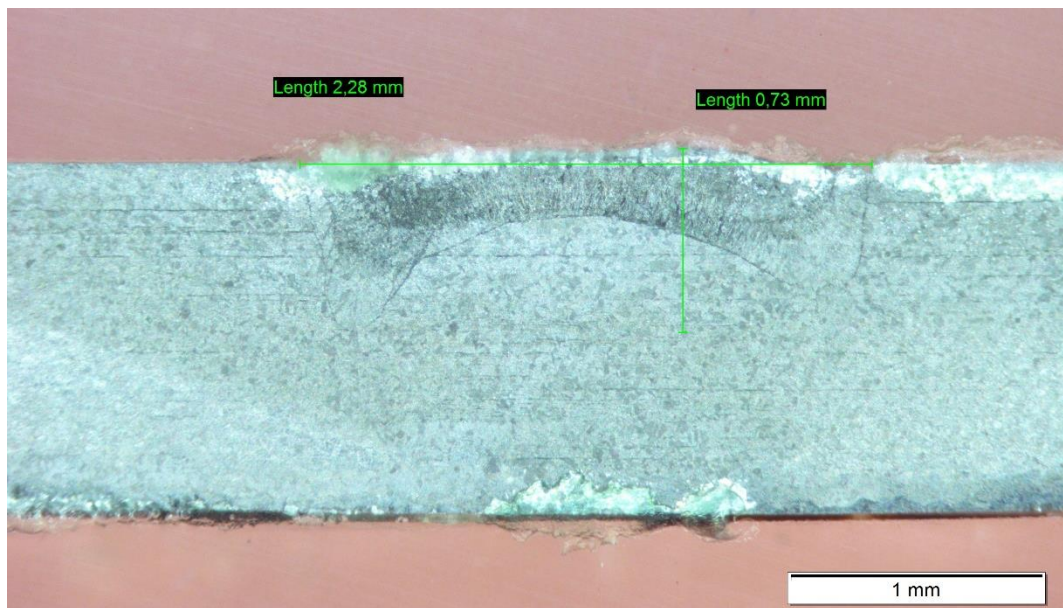
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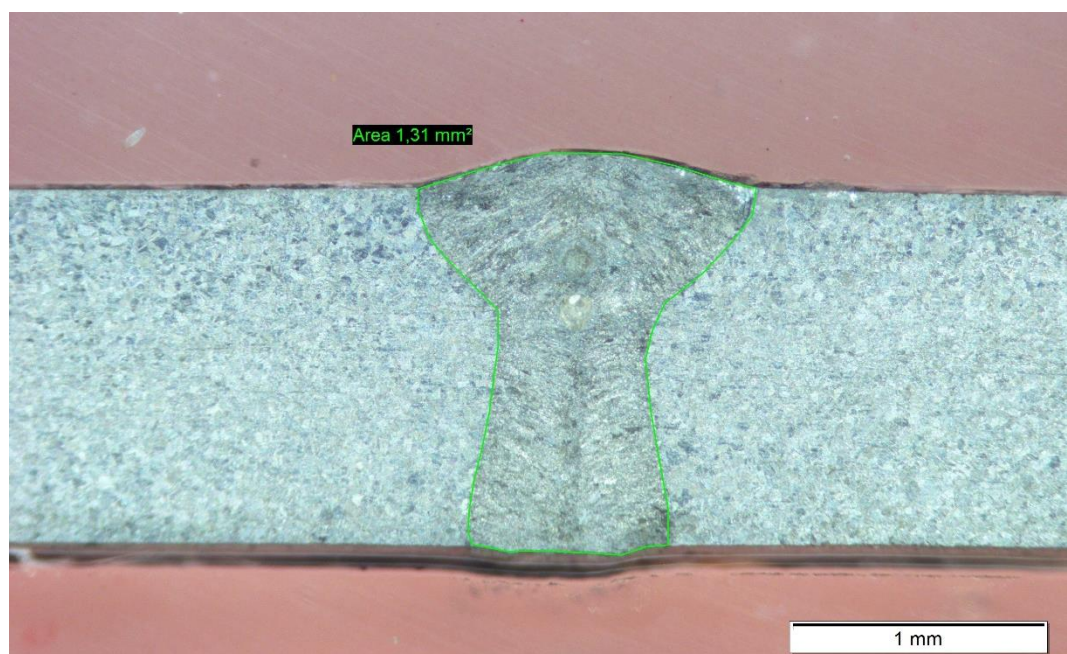
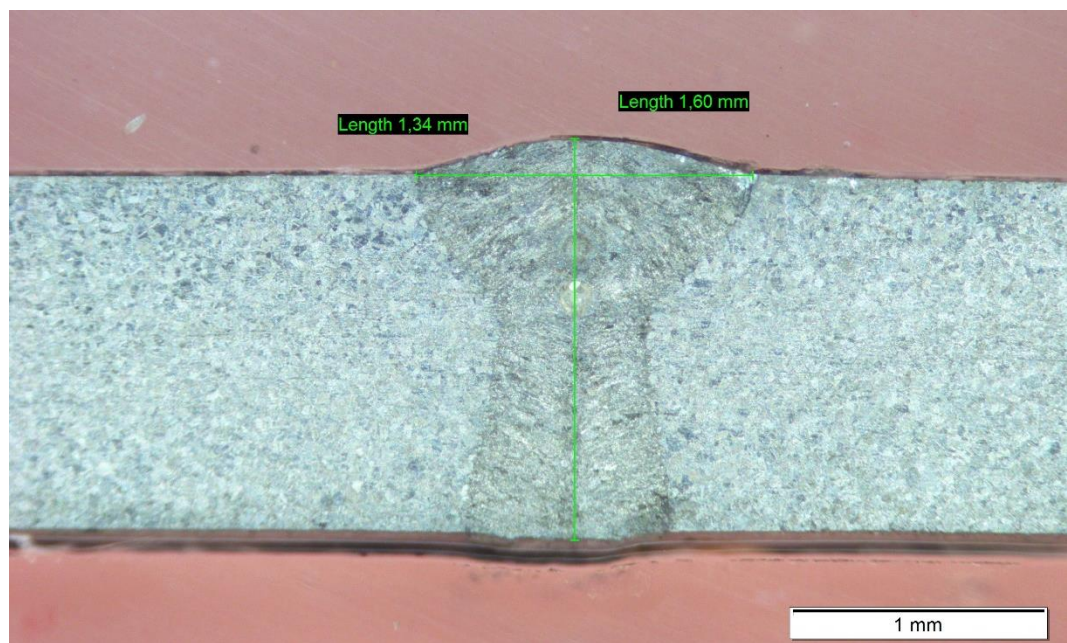
2.70-1.2.



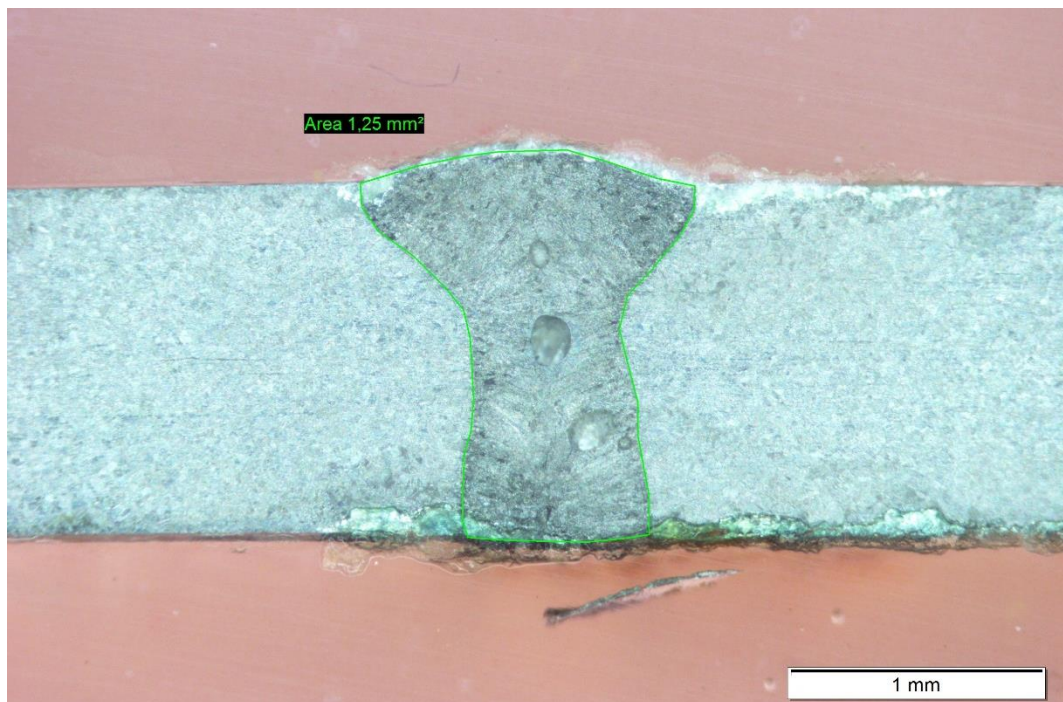
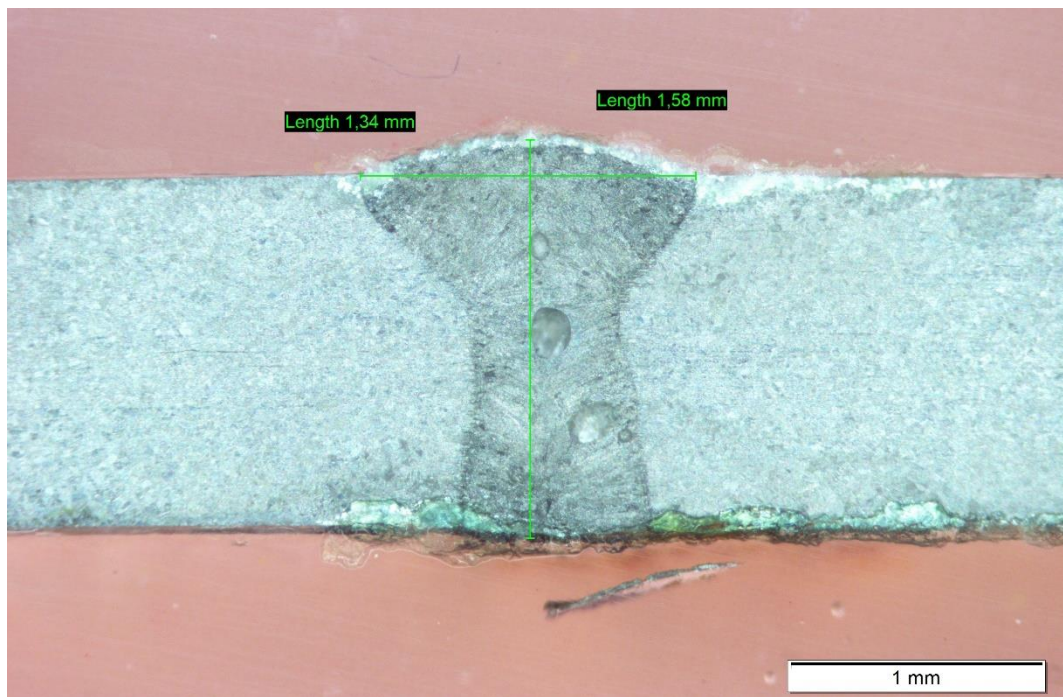
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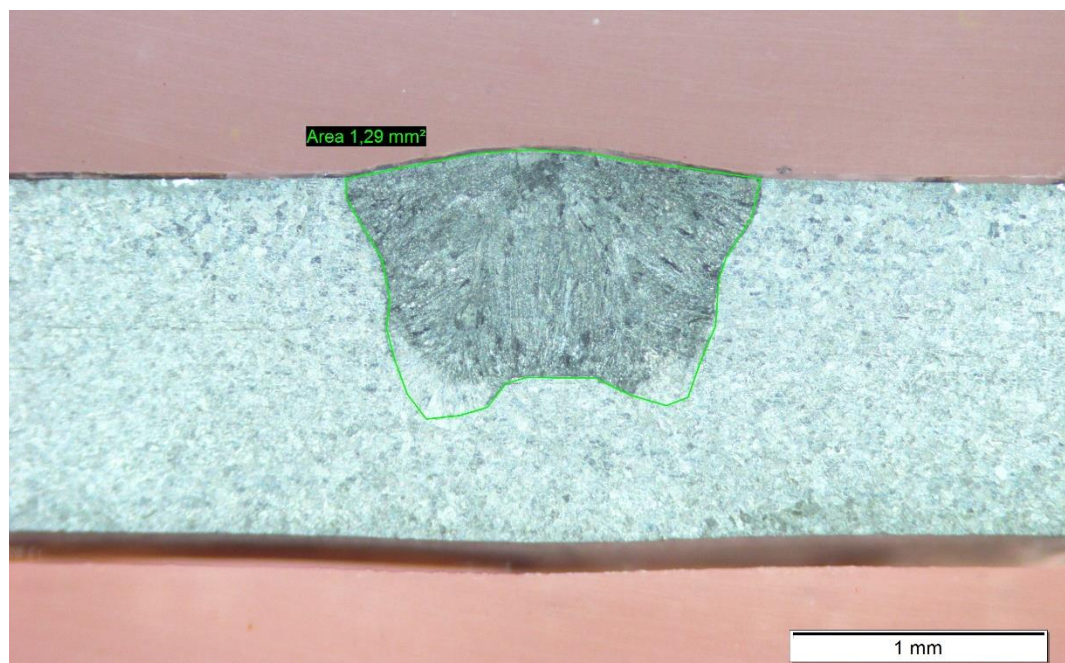
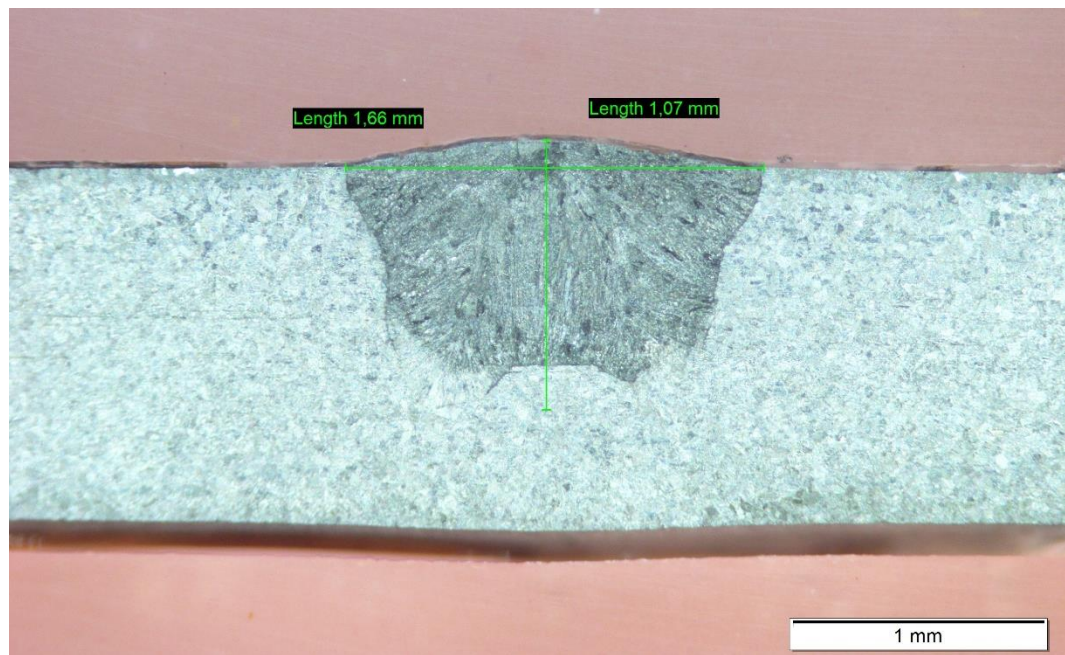
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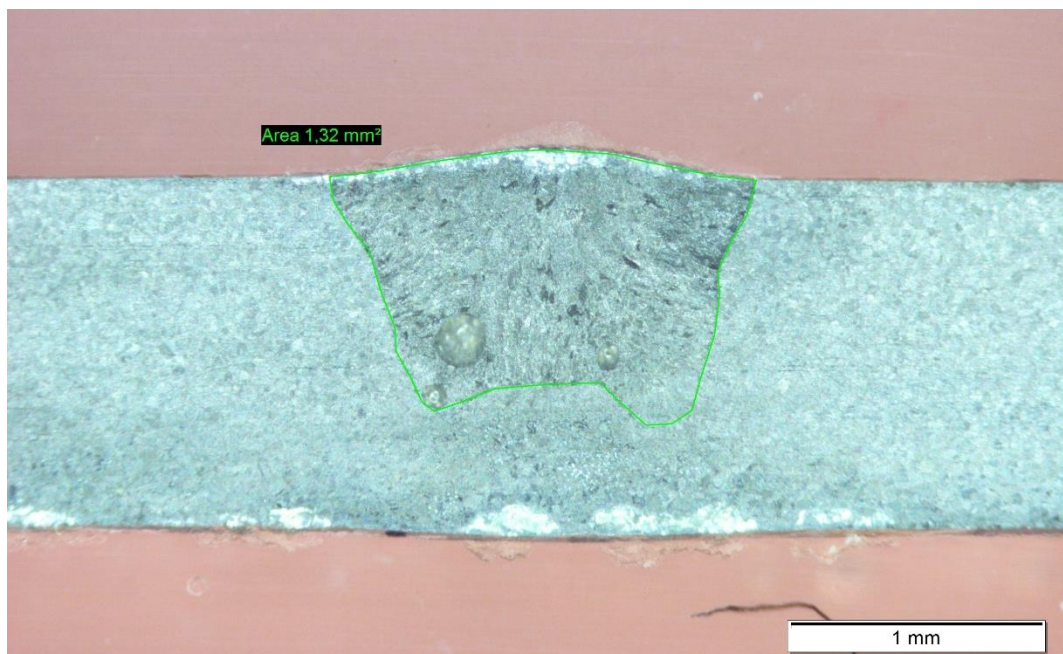
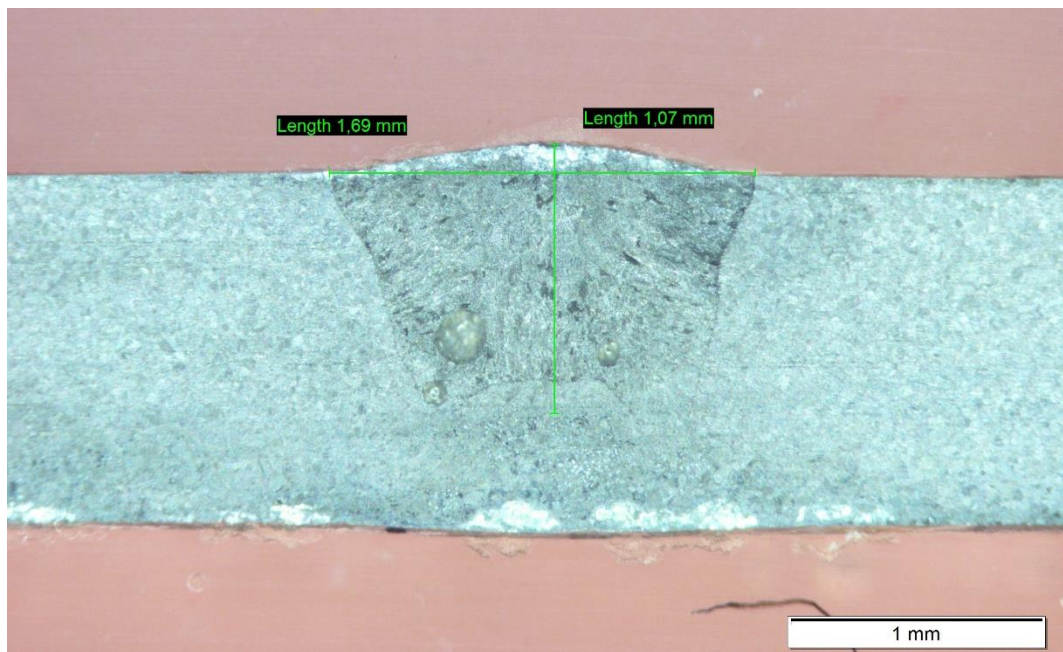
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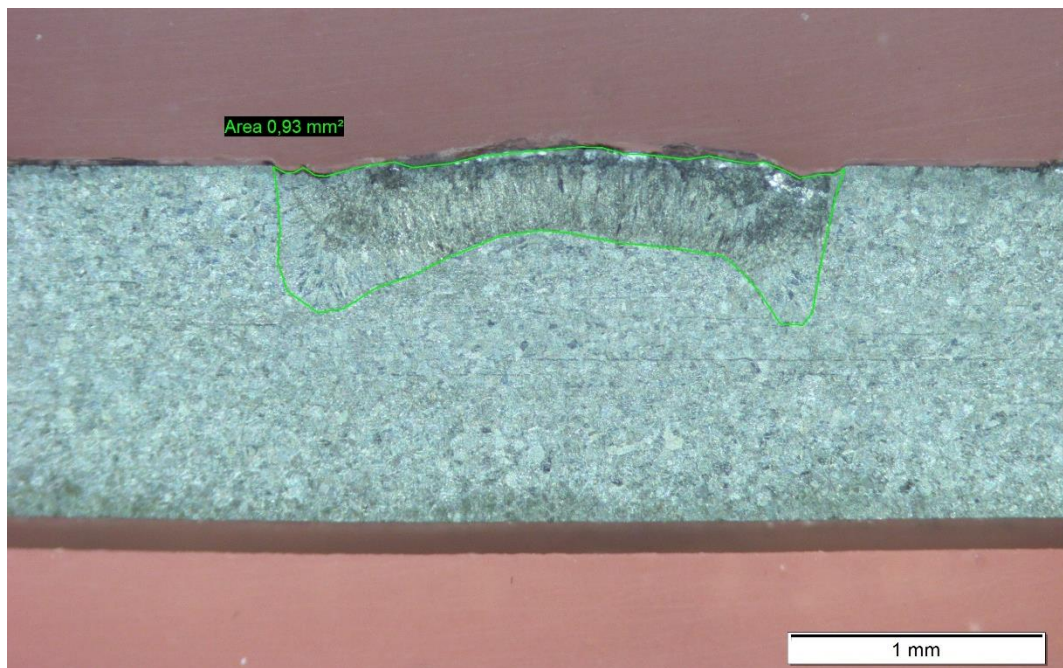
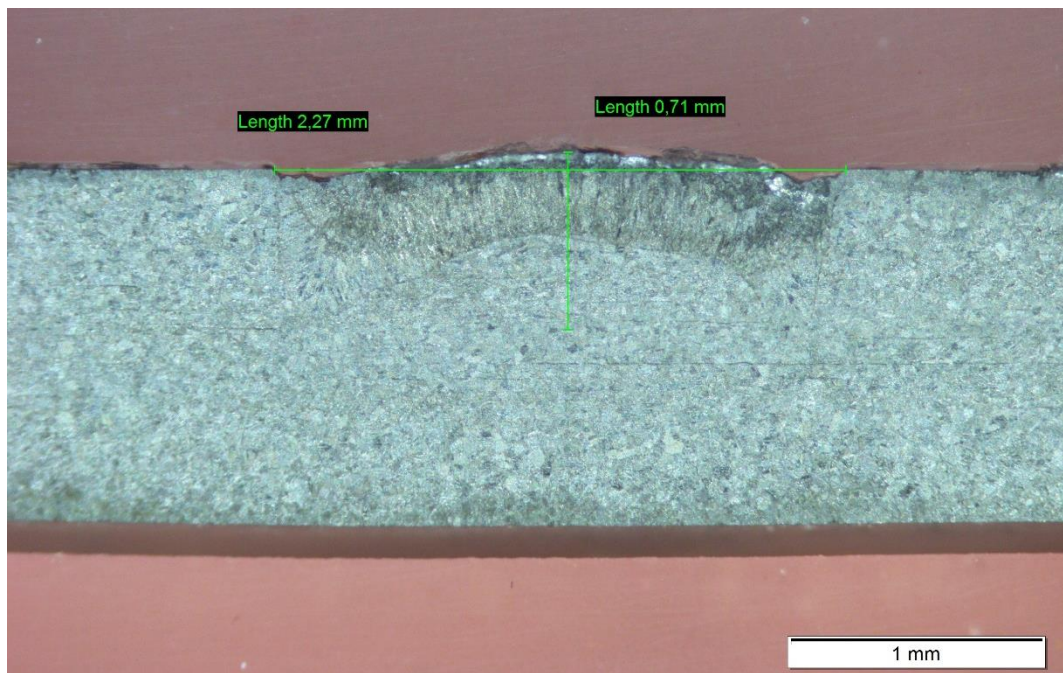
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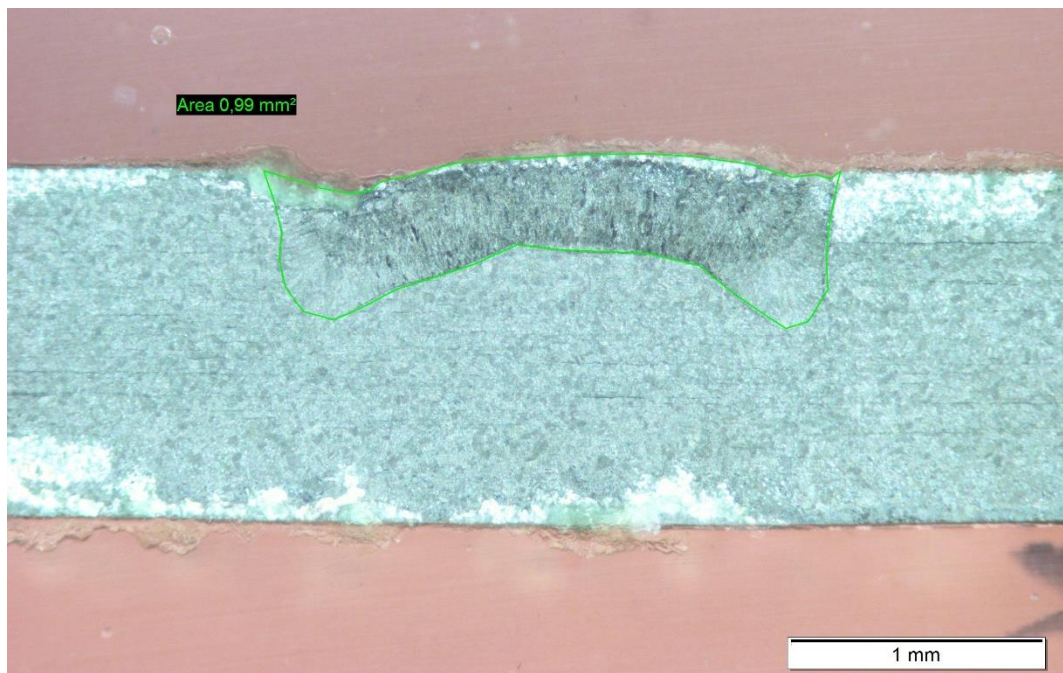
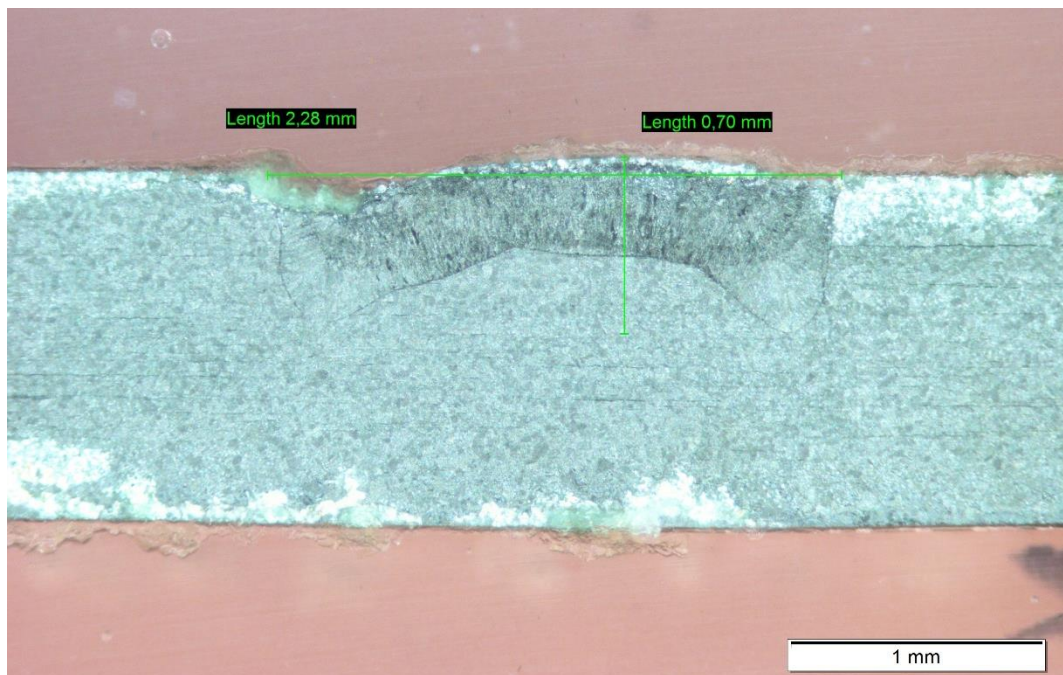
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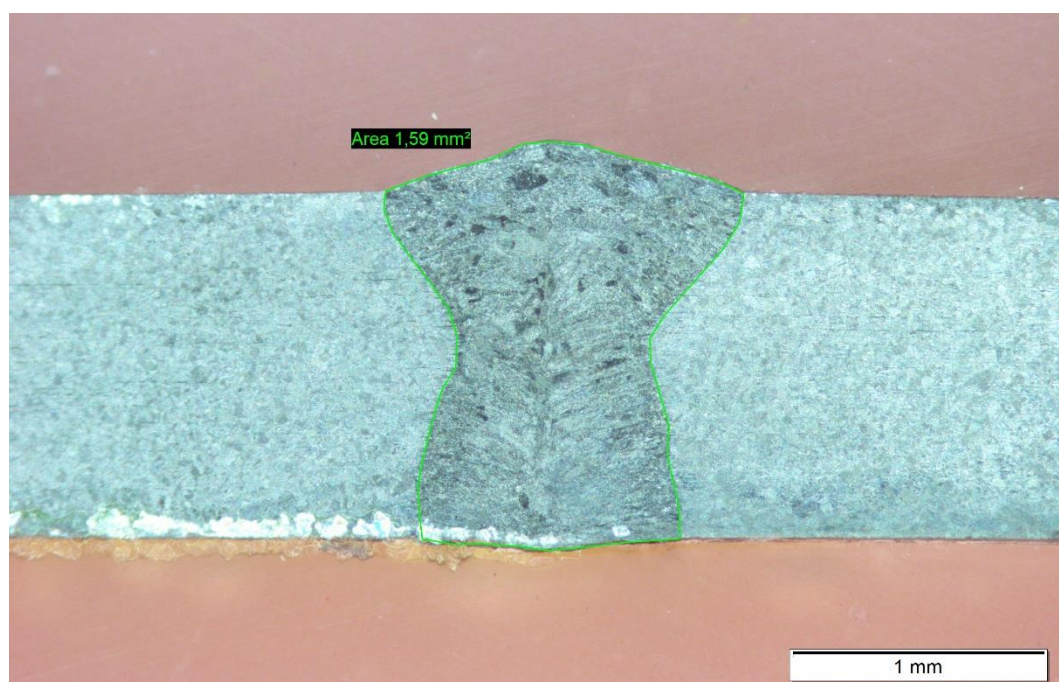
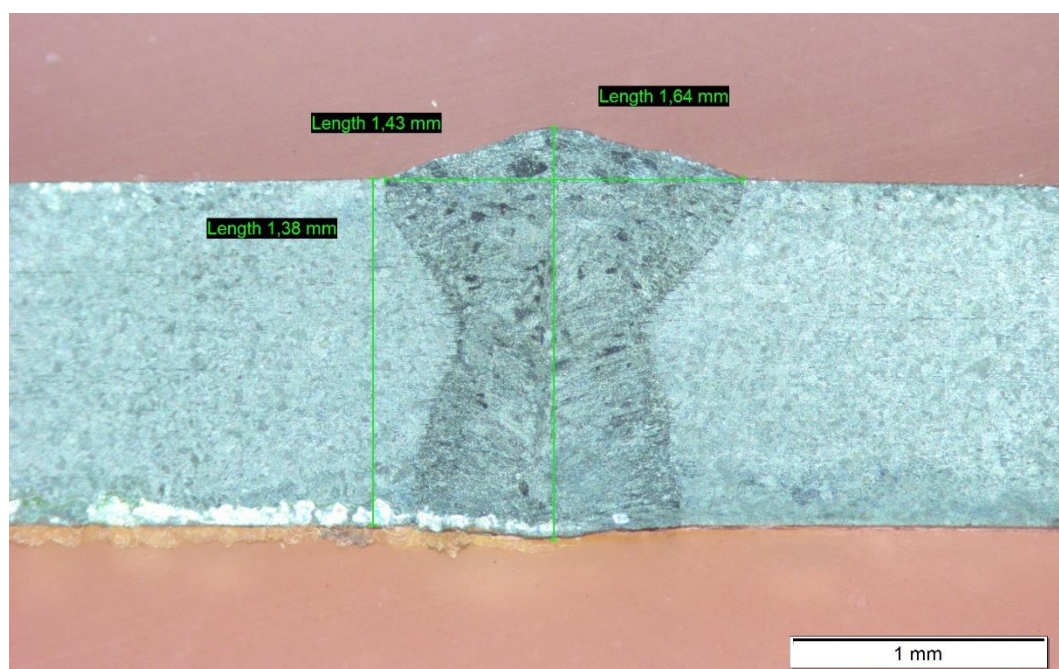
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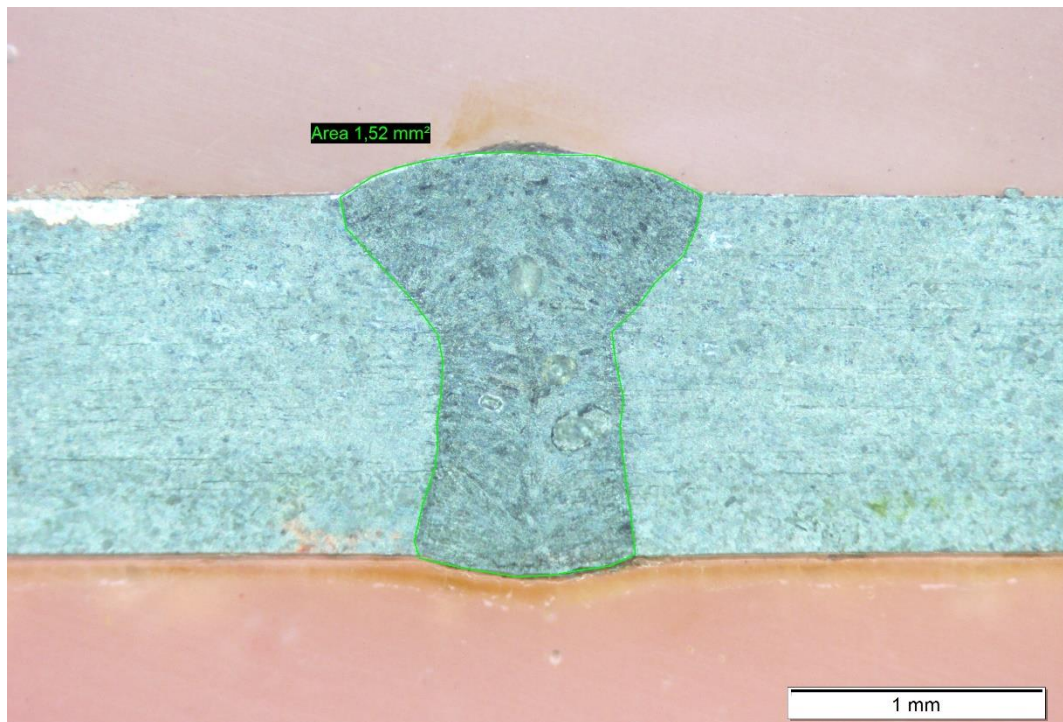
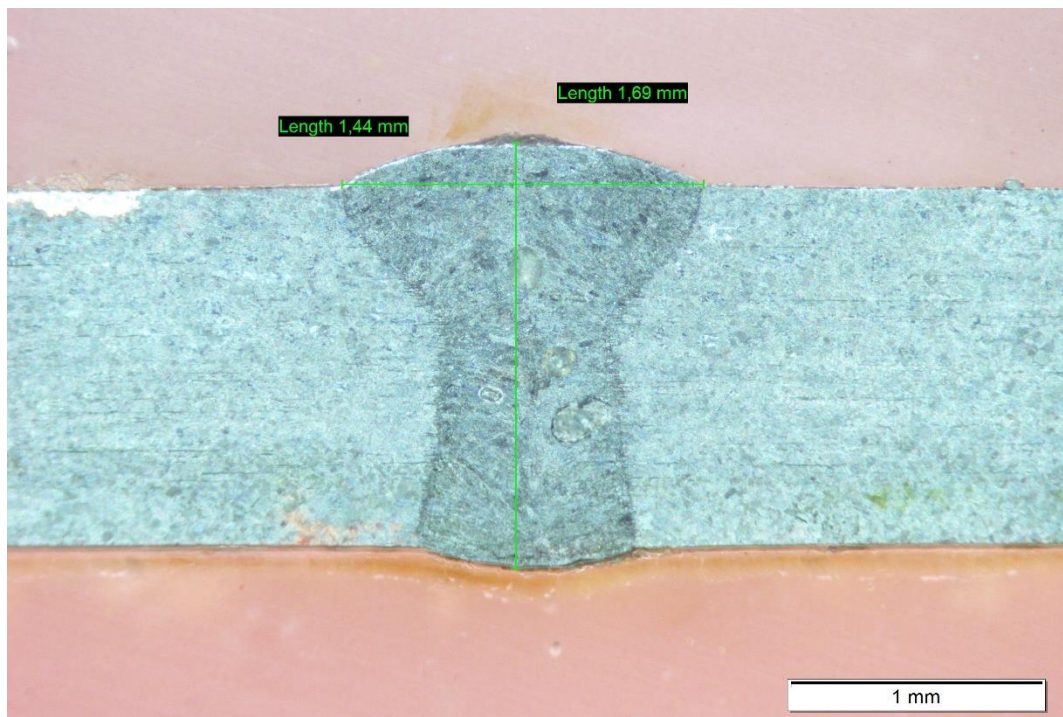
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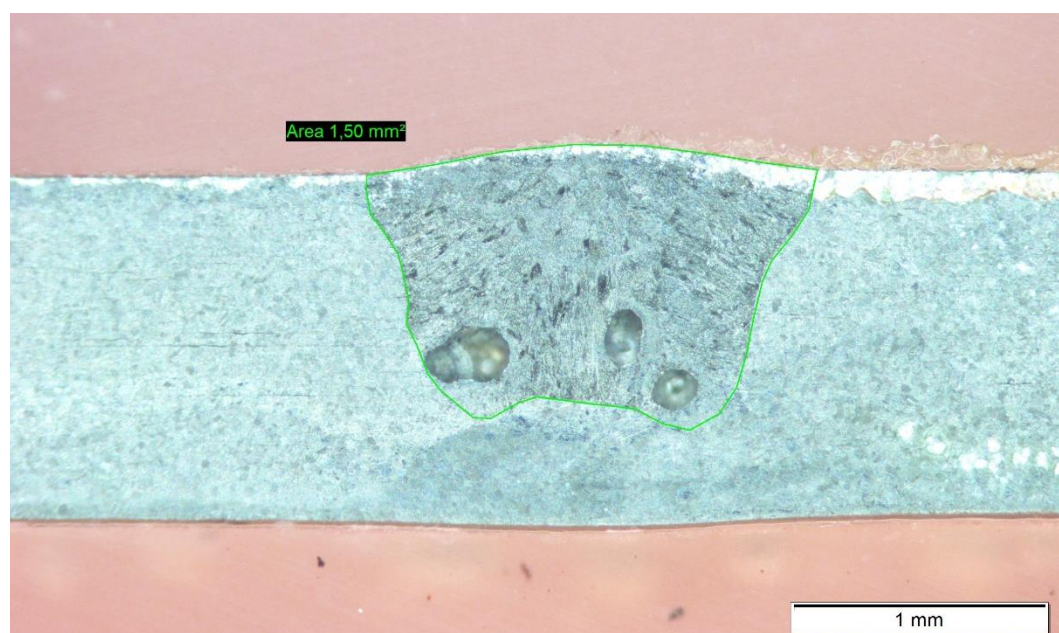
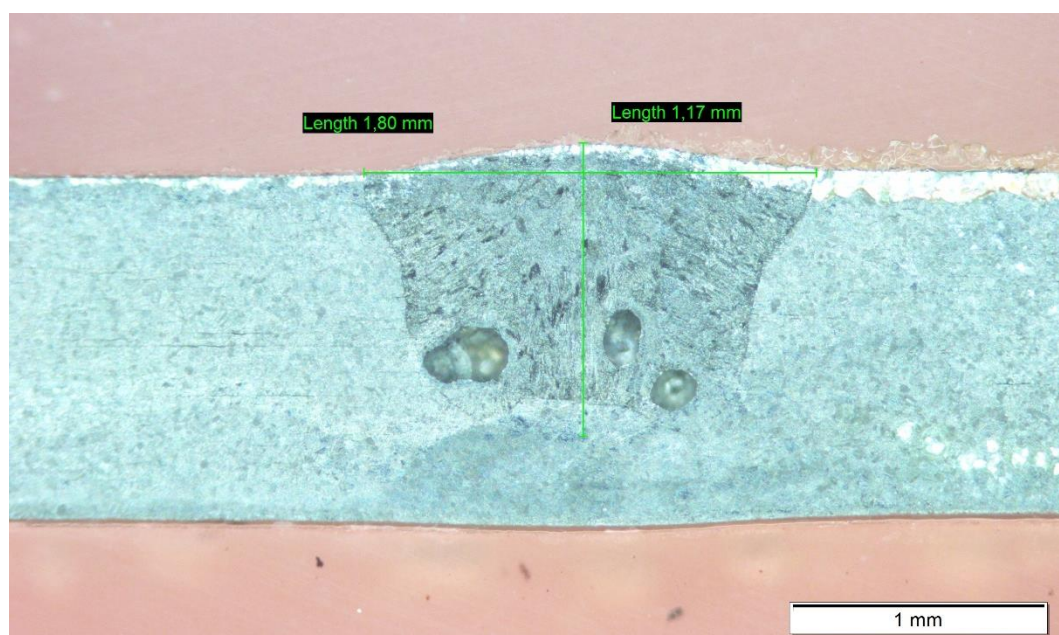
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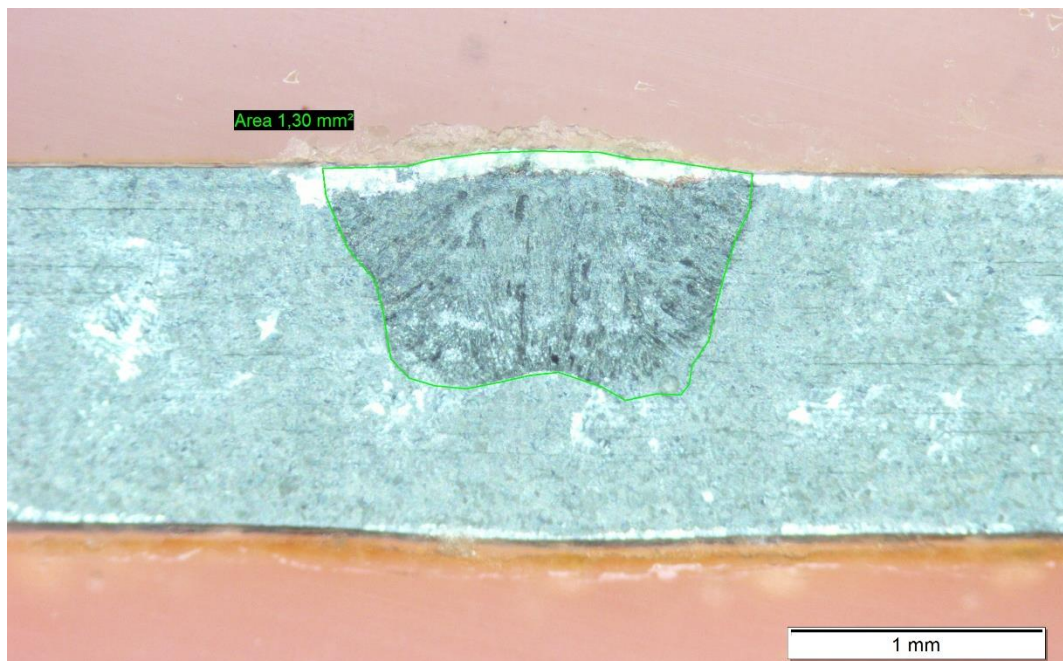
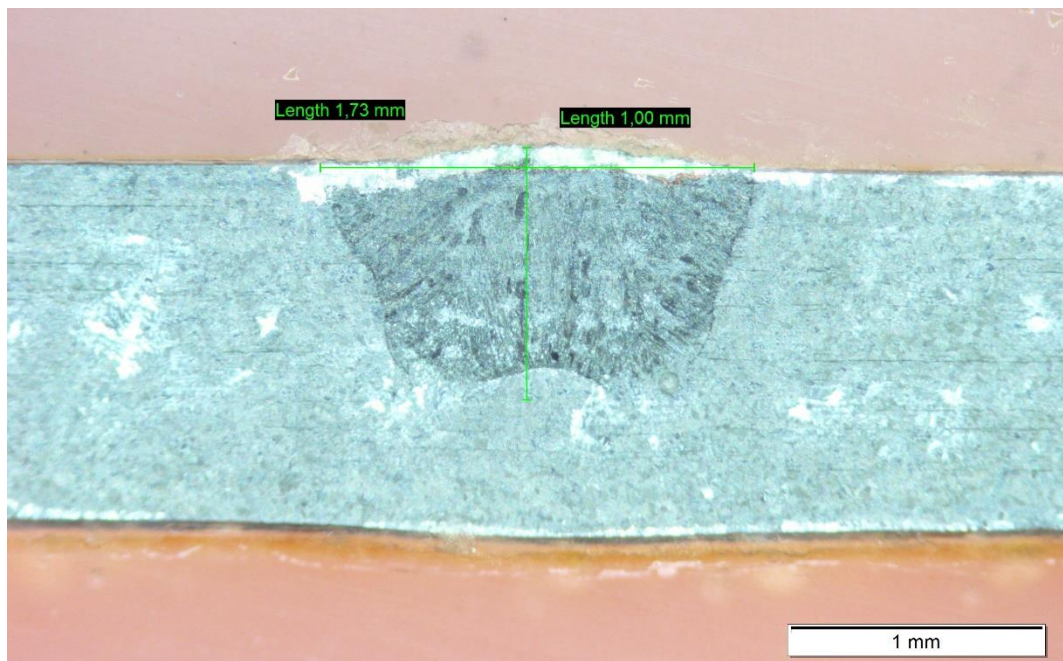
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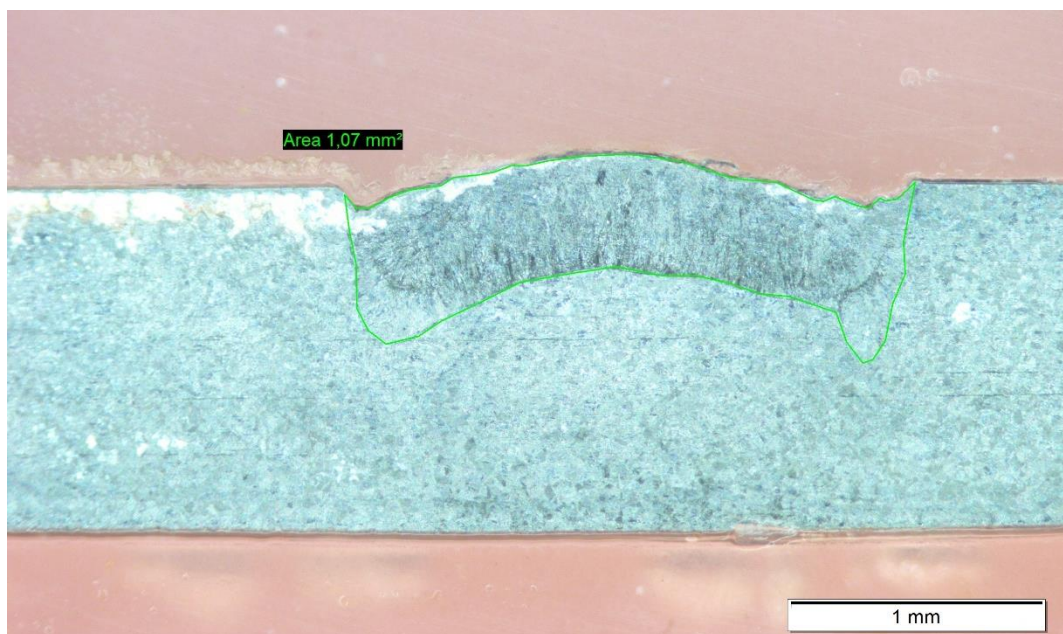
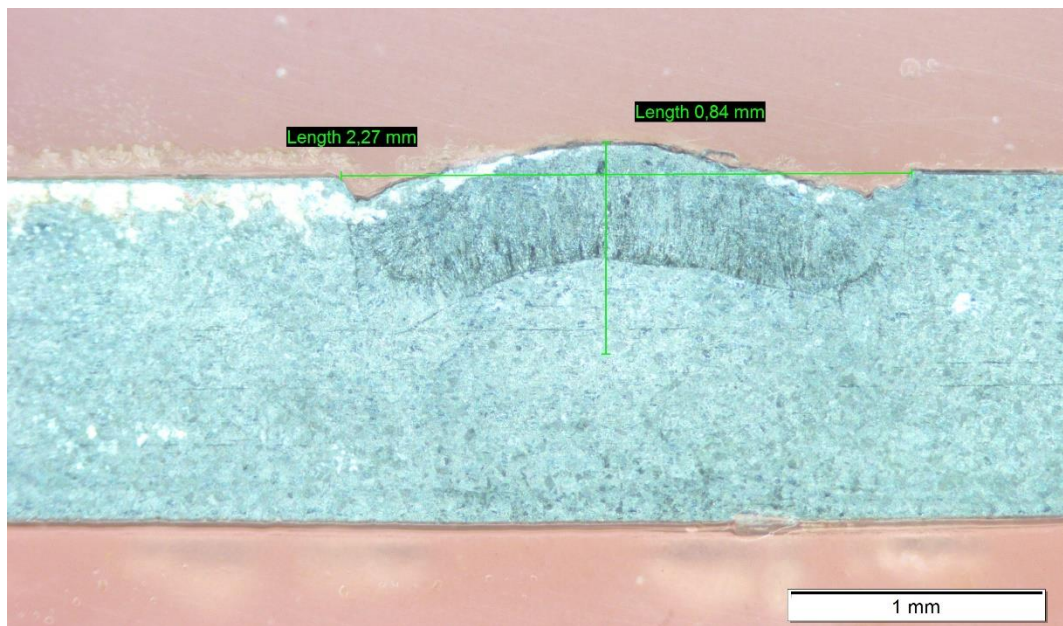
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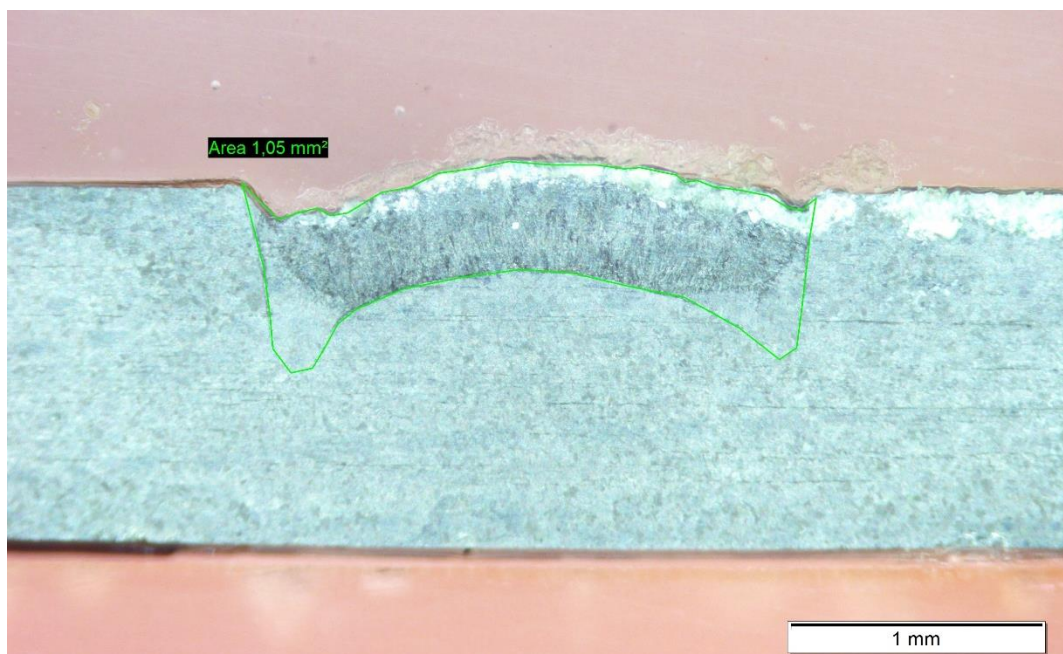
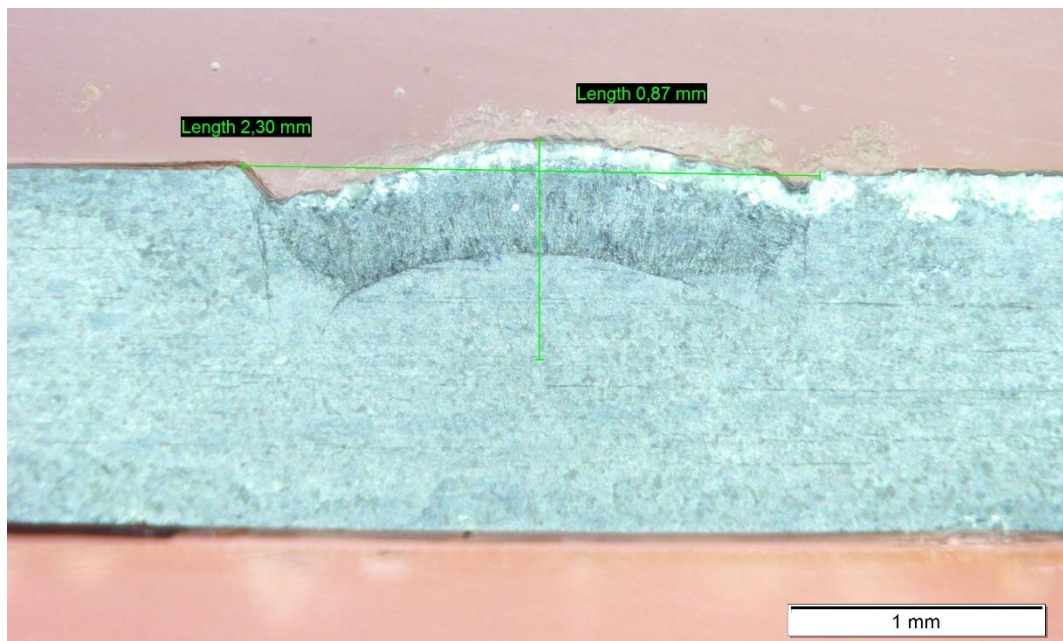
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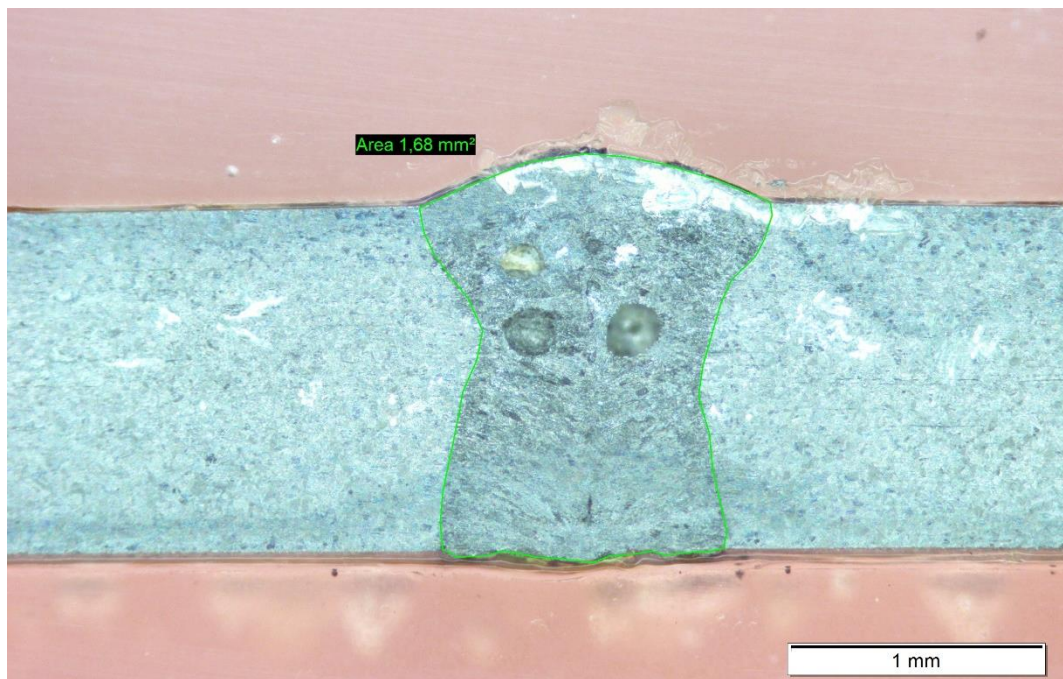
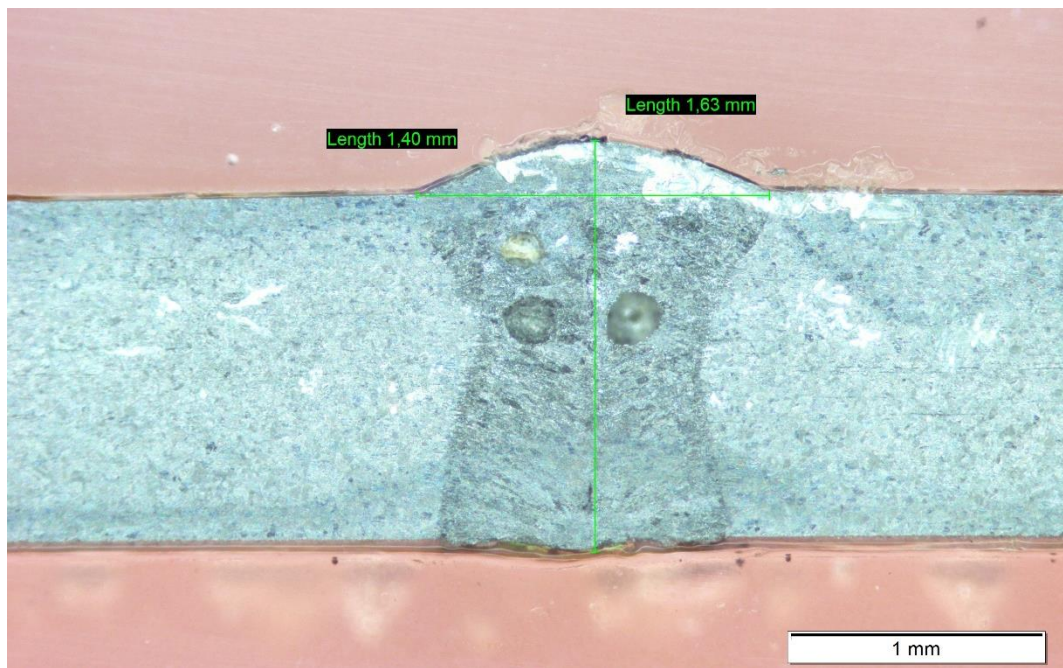
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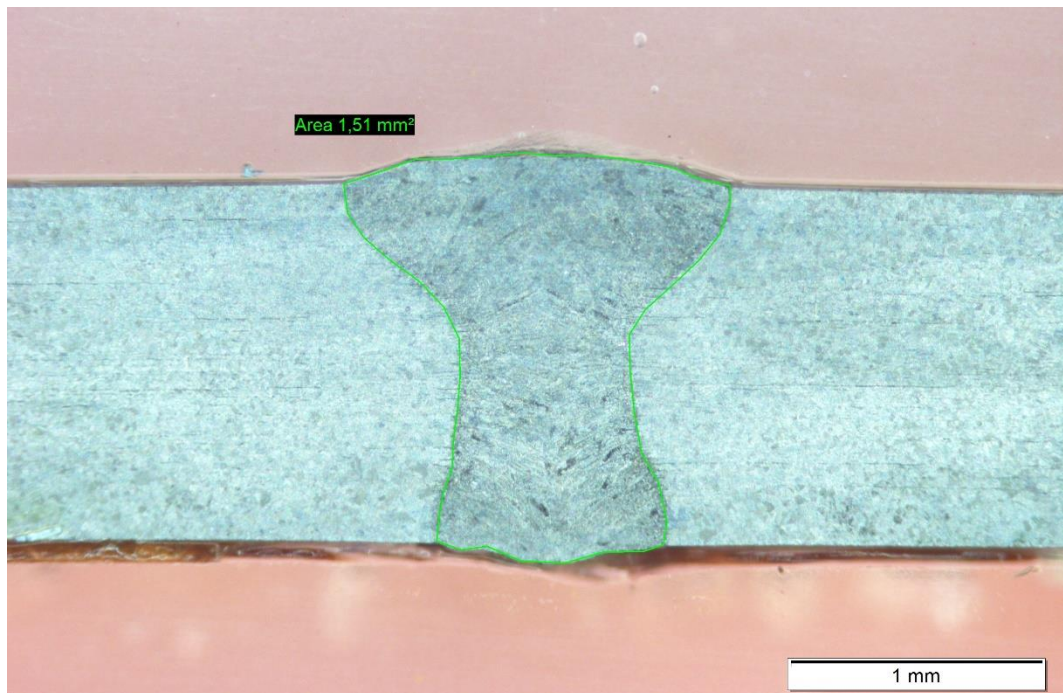
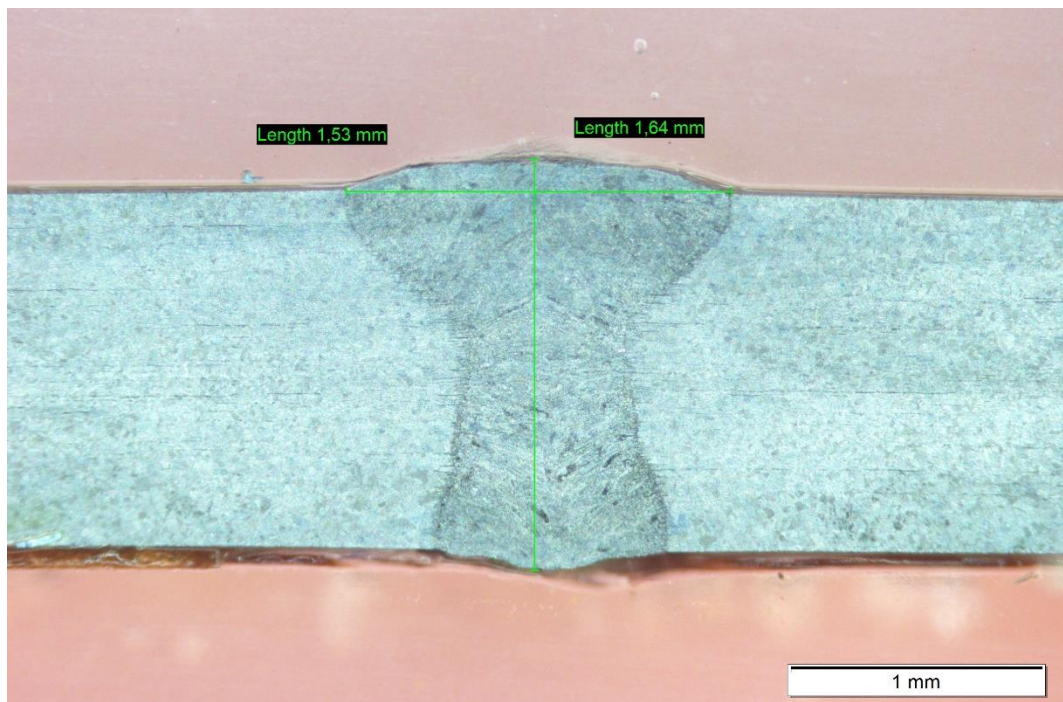
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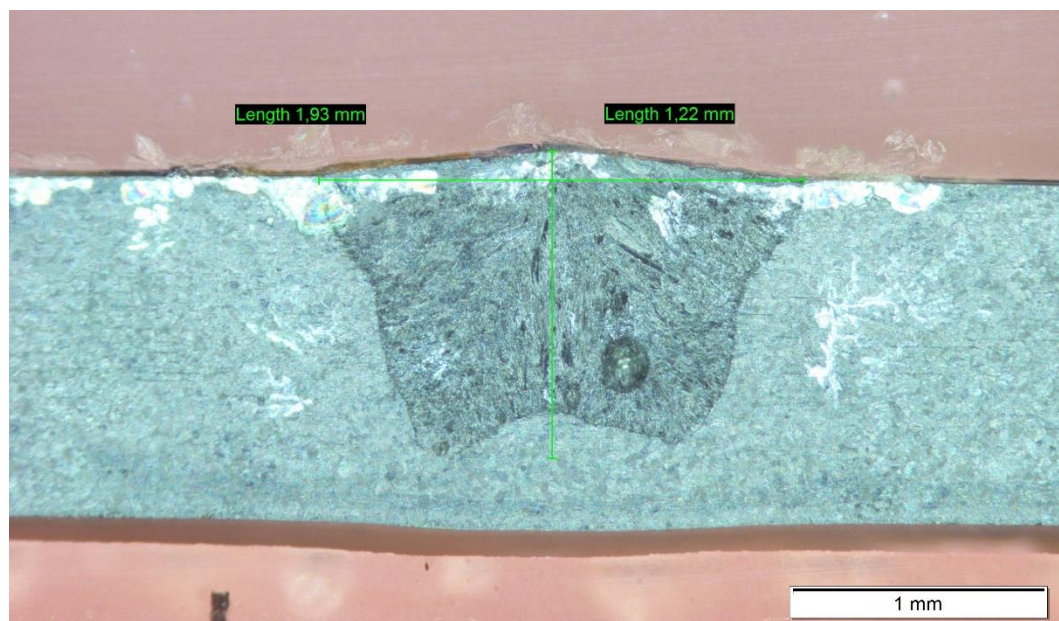
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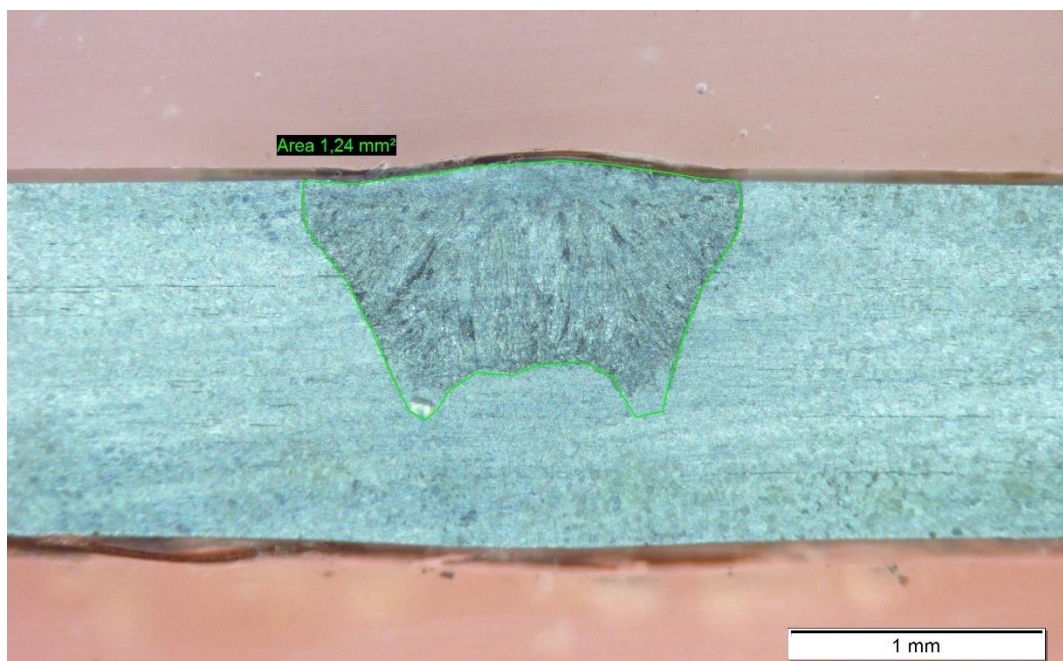
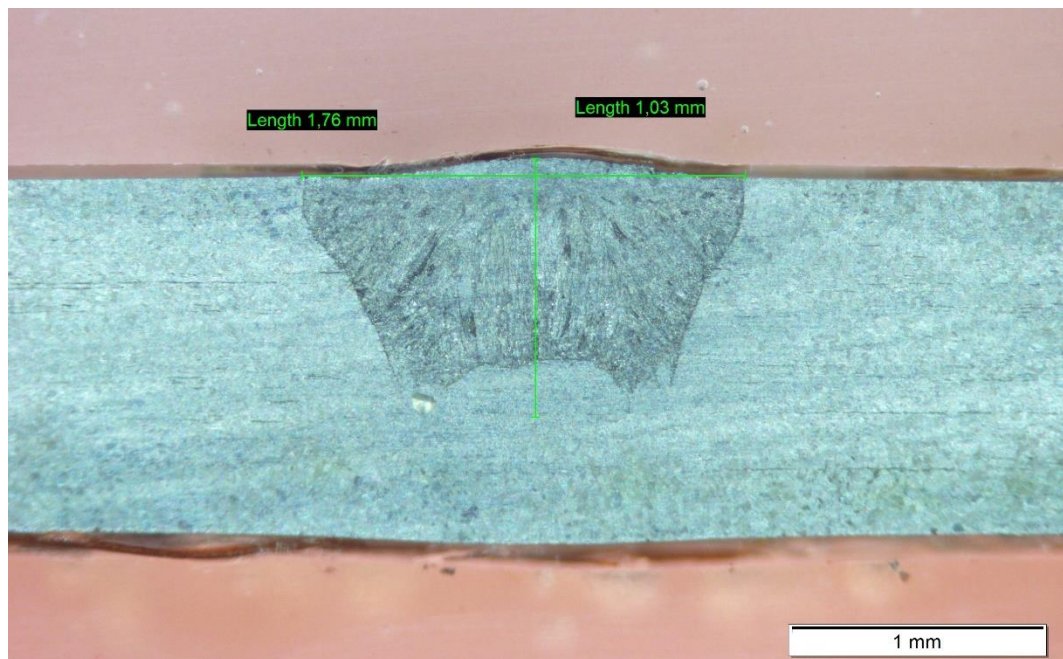
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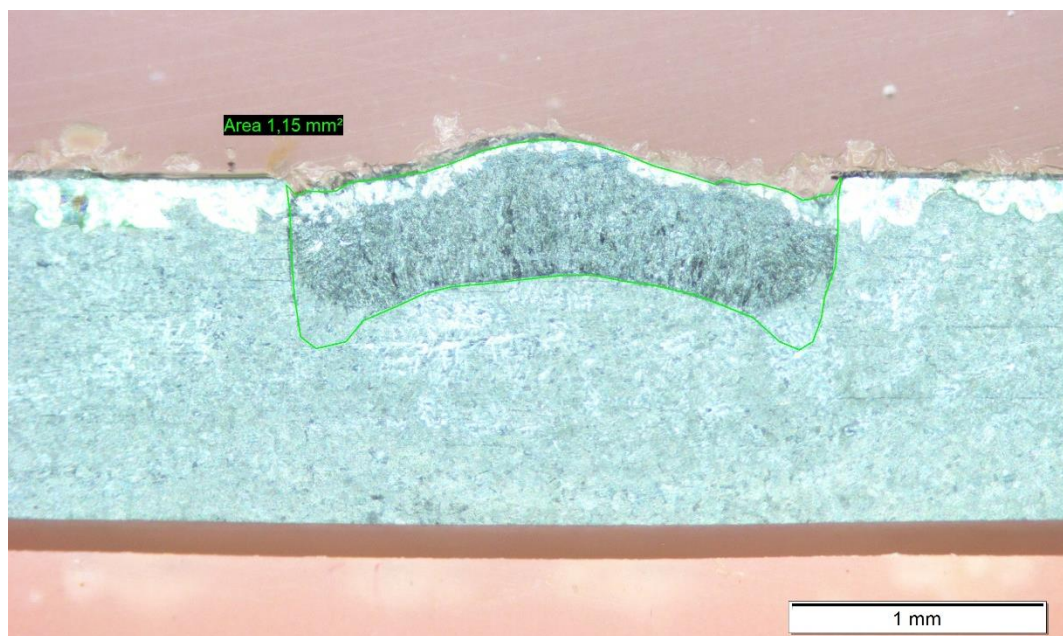
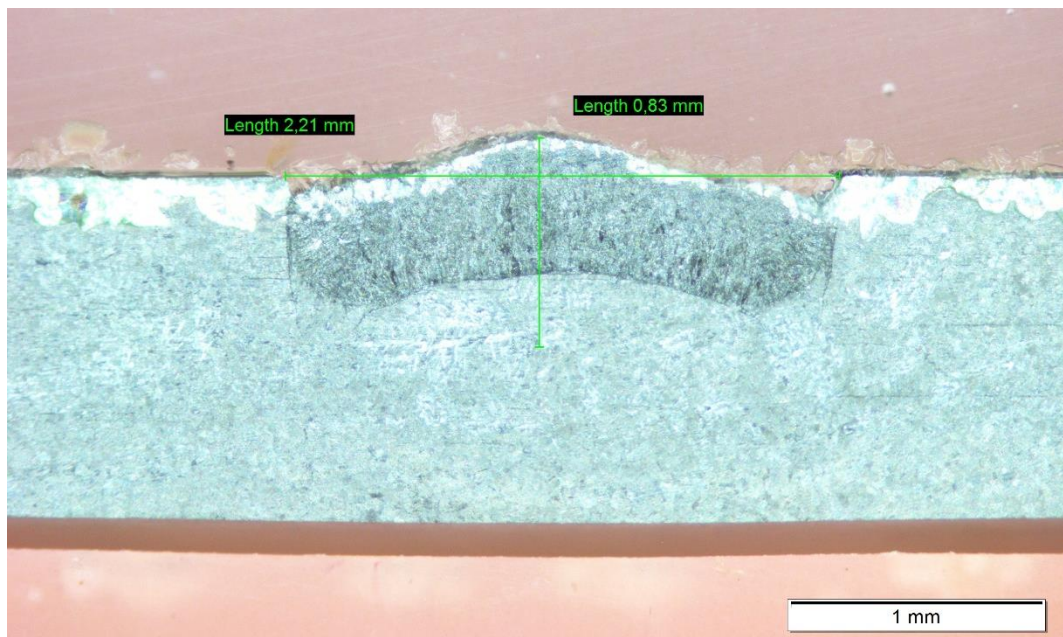
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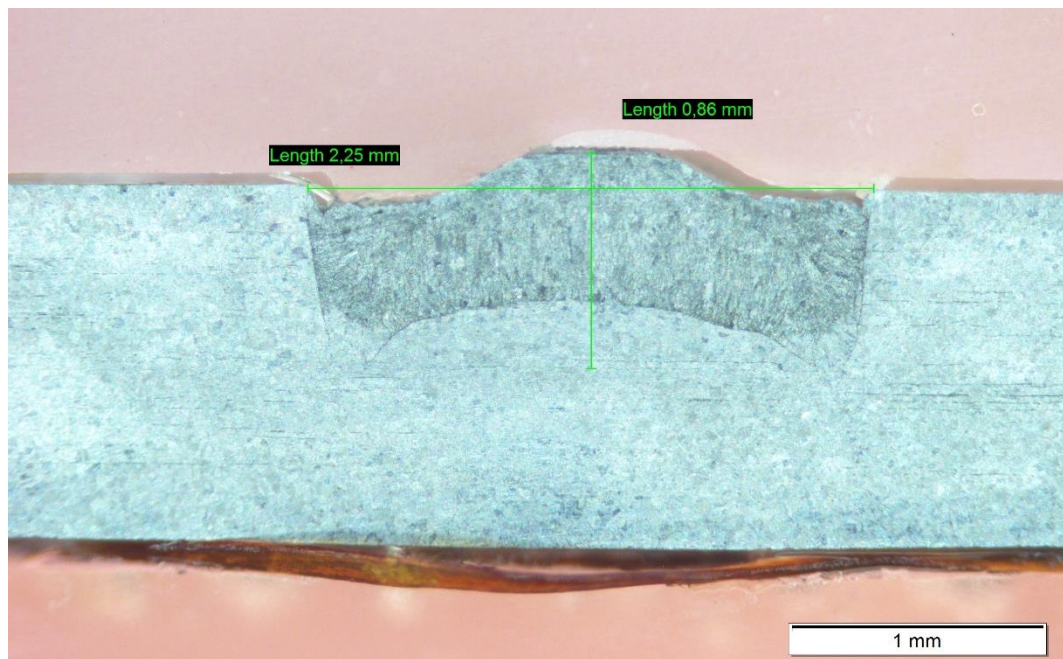
2.100-1.1.



2.100-1.2.



2.100-2.1.



2.100-2.2.