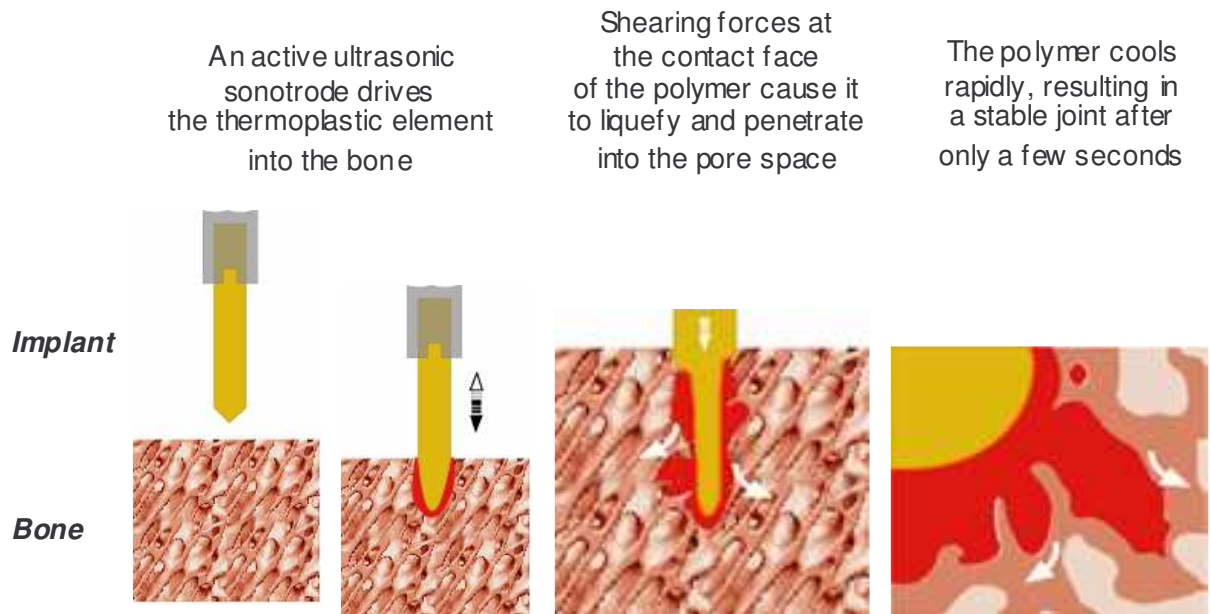


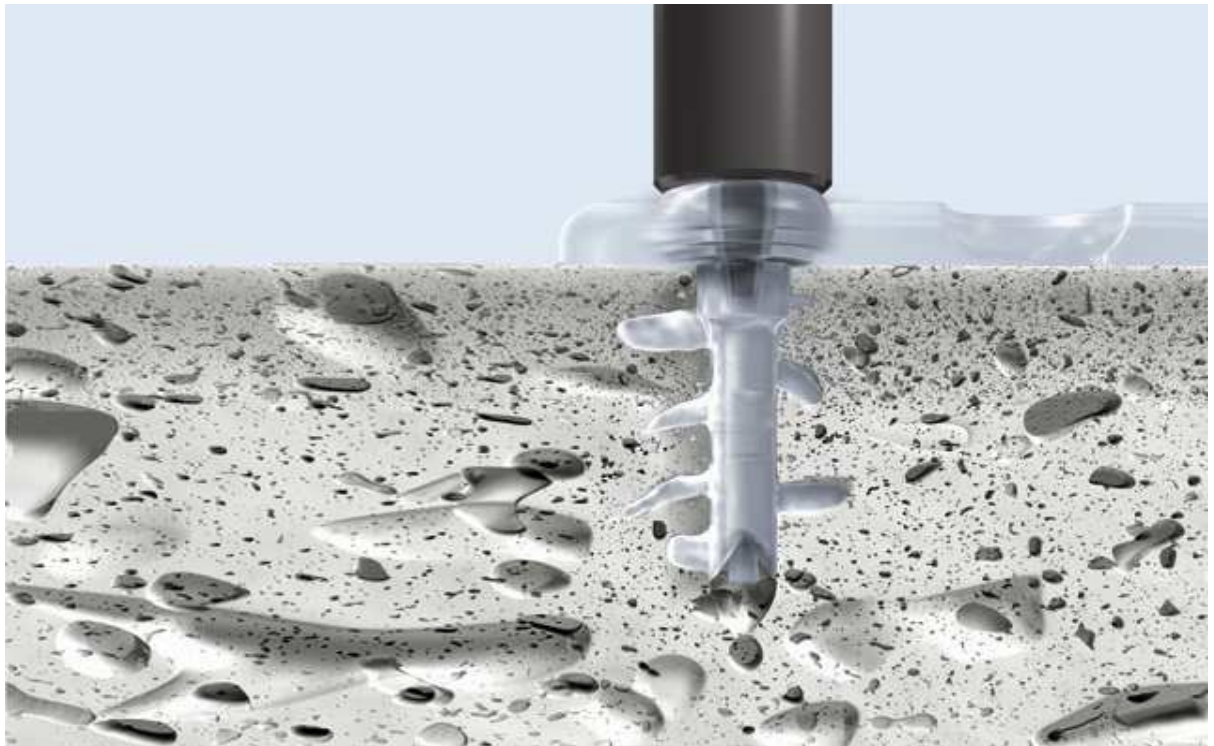
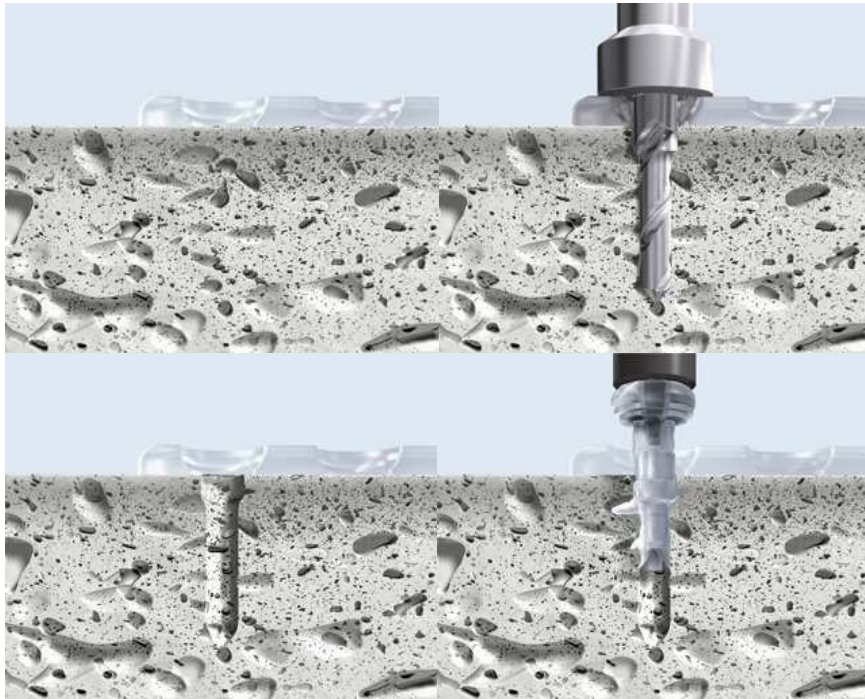
TECHNOLOGY & PROCESS

WoodWelding® Technology – How does it work?

The technology uses ultrasonic energy to form a bond in porous materials. Under the influence of ultrasound, the thermoplastic connection element liquefies at pre-determined points and flows into the porous material. The bond needs only seconds to stabilize. Advantages include short process time, immediate stability, absence of chemical reaction (mechanical bond) and the ability to use conventional thermoplastic and biodegradable materials.



SonicWeld Rx[®]



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Dr. Jörg Mayer
Advisor Medical Applications, WoodWelding SA

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Titusonic[®]
Ultrasound Fastening



**Titusonic[®] Cabinet Assembly –
Detail of Corner Fixation**



Titusonic[®] Cabinet Assembly Machine