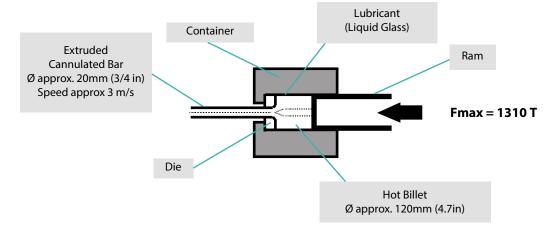




## MEDICAL EXTRUSION PROCESS FOR CANNULATED BARS

## **EXTRUSION PROCESS LAYOUT**



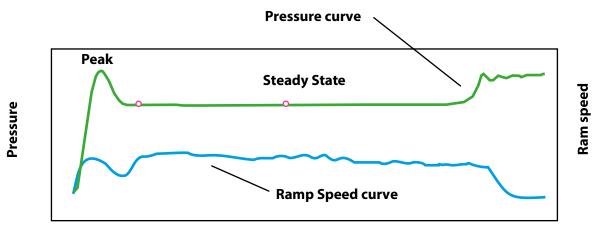
## **Temperatures**

- Titanium Alloys ≈ 920°C (1688°F)
- Stainless Steels ≈ 1120°C 1160°C (2048°F 2120°F)

During extrusion TIME, SPEED, TEMPERATURE and PRESSURE are supervised with a specific acquisition system which analyses each and every billet.

Typical curves are shown hereafter.

Pressure and Ram Speed in relation to time during an implantable 316L extrusion operation.



Time

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