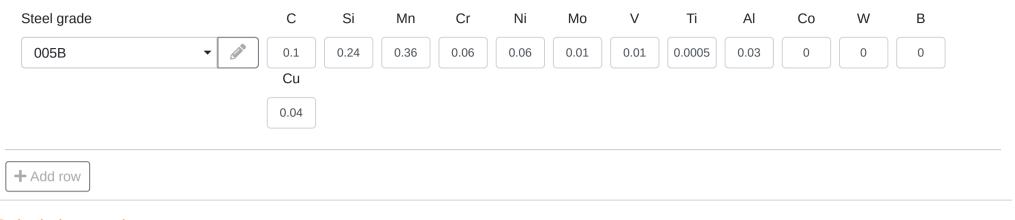




### **Heat Treatment Guide**

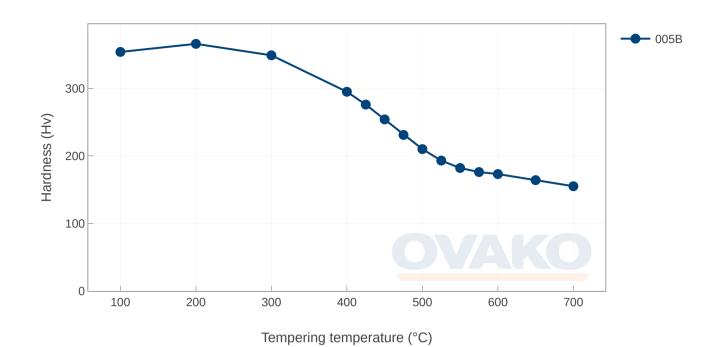


#### Calculation result

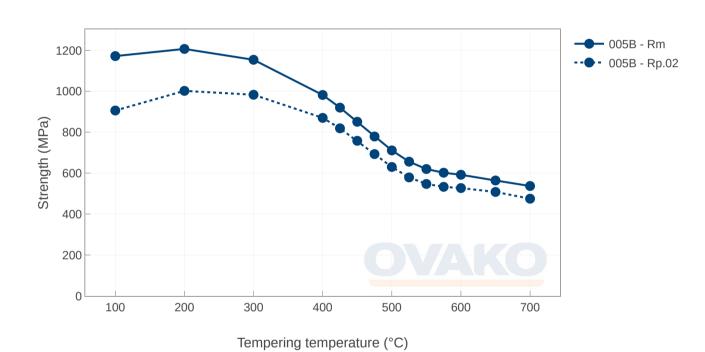
Calculated DI-value (ASTM A255 1999)

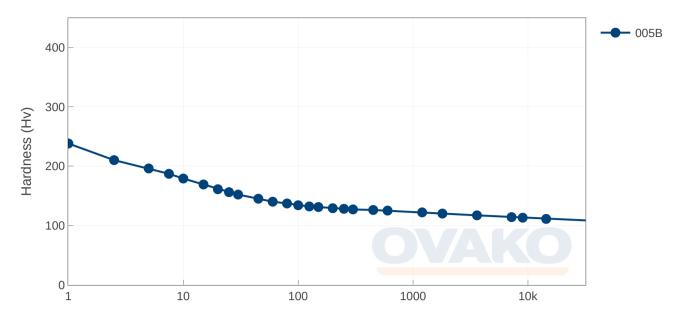
0.17 005B

### Tempering Diagram (hardness)



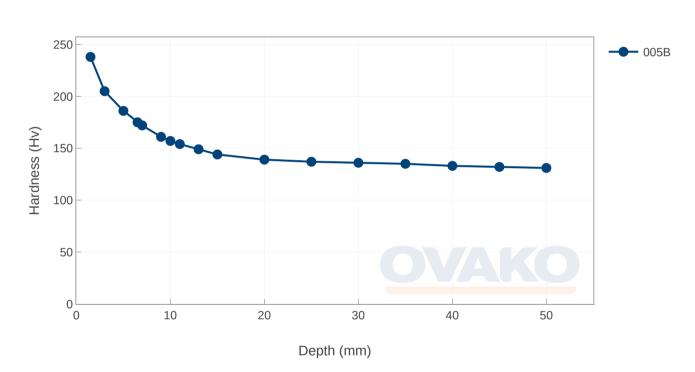
#### Tempering Diagram (strength)



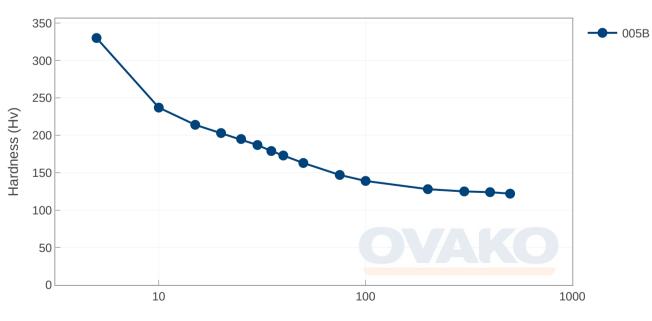


Cooling rate, time in seconds between 800-500°C

#### Jominy

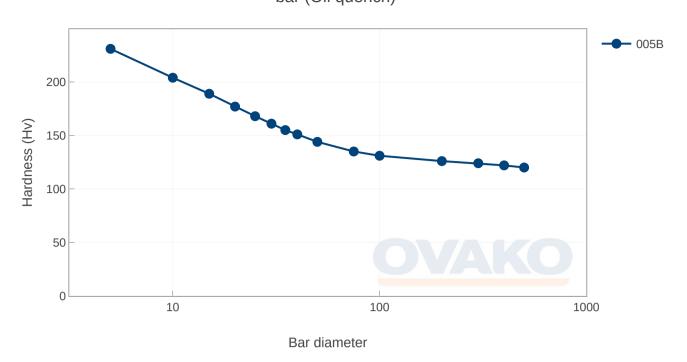


## Hardness (Hv) in center of quenched bar (Water quench)

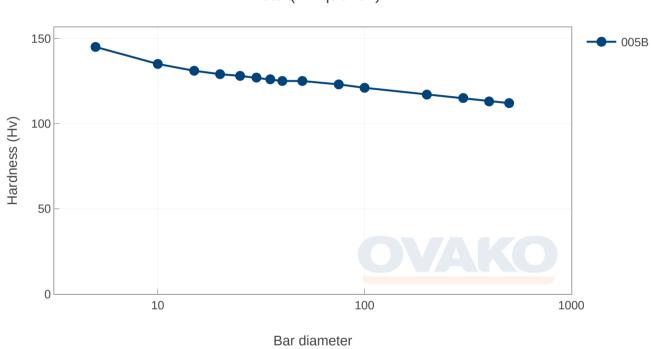


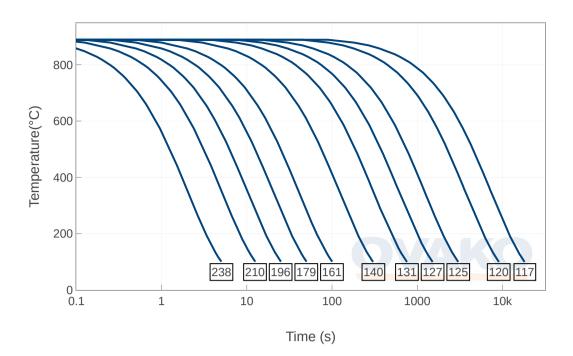
Bar diameter

# Hardness (Hv) in center of quenched bar (Oil quench)



## Hardness (Hv) in center of quenched bar (Air quench)





**Disclaimer** The results from the calculations are for guidance and not guaranteed to be accurate. Continuous development of the guide is made to improve the calculation results.