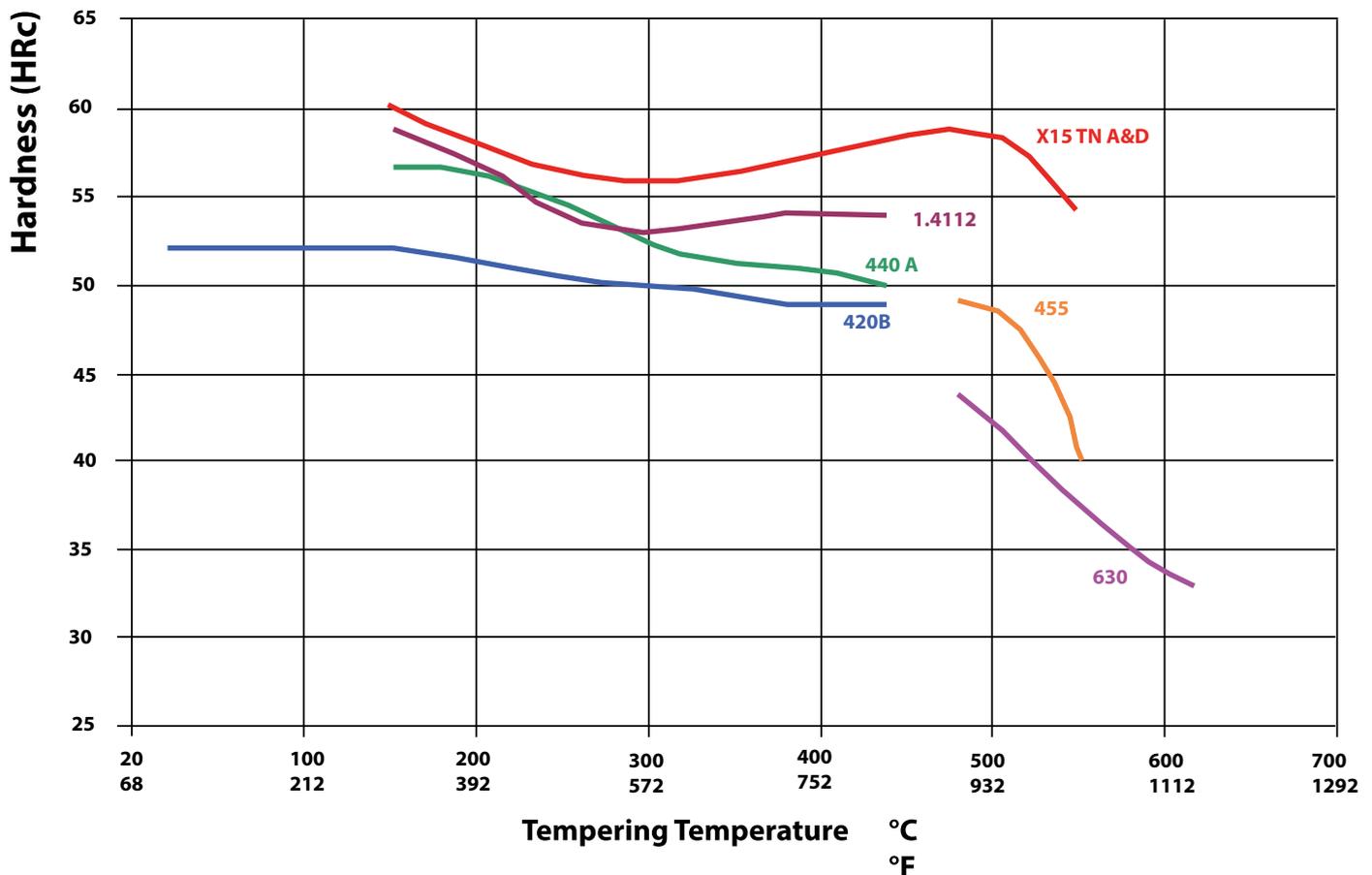


MEDICAL CANNULATED TOOL STEELS HARDNESS PERFORMANCE

This document compares obtainable hardness for the most common stainless steels used for medical applications.

COMPARATIVE HARDNESS PERFORMANCE



- Martensitic stainless steels: Hardening is obtained by 1040° C Air or Oil quenching followed by tempering at $\Theta < 420^{\circ} \text{C}$ ($\Theta < 788^{\circ} \text{F}$).
- Precipitation hardening (PH) stainless steels: Hardening is obtained by an aging treatment on the as supplied condition. Parameters are specific for each alloy.
- Indicated mean values are obtained from tests.