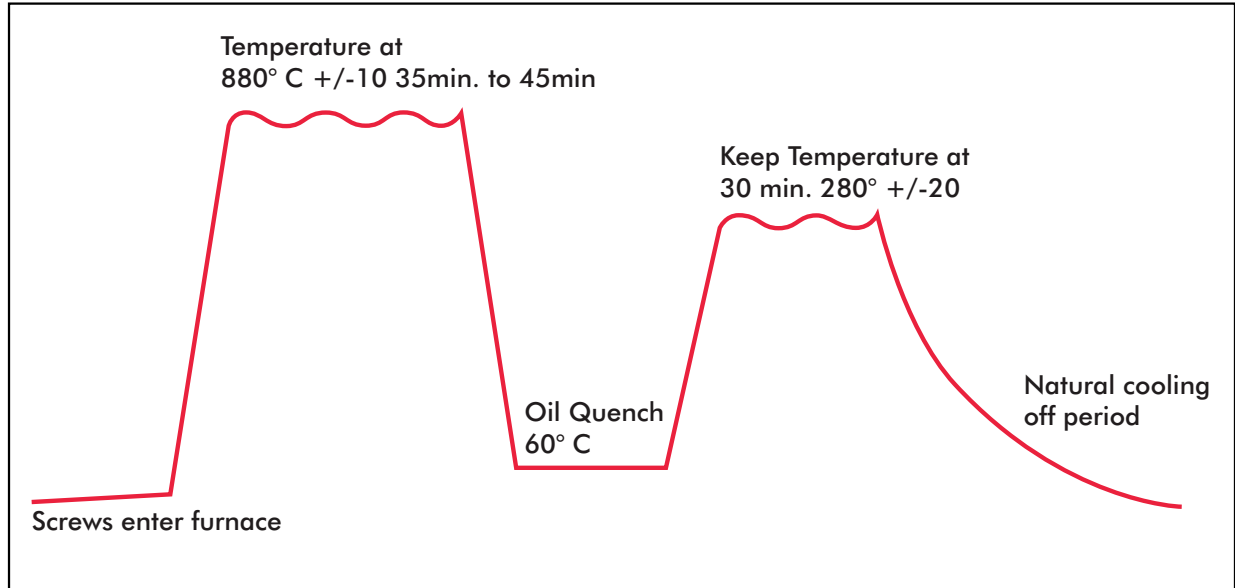


Heat-Treatment Chart

Heat-treatment chart for 1018 drywall screws #6 to #8 gauge.

Mesh conveyer furnace with Gas carburizing hardening.



Screws will be: Surface hardness = 700Hv +/-50

Core hardness = 380Hv +/-50

In case of Dacrotized Corrosion resistant coatings:

Dacro coating baking temperatures are about 300 to 350° C and maintained for 20-30 minutes. After quenching, screws are tempered in (annealing) furnace temperature at usually X° C. In most cases, if baking temperatures are higher than annealing temperatures, screw hardness will go down. Therefore, we have designed a balance between a higher rust proof coating and the hardness priority.