

Heat Treatment Homologation Certificate

This document is to certify that:

T.T.N. S.p.A.

With registered address at:
Via 1° Maggio, 30,
20014 Nerviano MI
Italia

Has successfully passed the conducted homologation tests in accordance to the provided heat treatment guidelines for the heat treatment of:

HWS®

For the following applications:

Cold work requiring high wear resistance



Hardness homogeneity



Hardness level
Toughness at hardness level
Wear resistance

Cold work requiring high toughness



Hardness homogeneity



Toughness at hardness level

Further information is provided on page 2 of this certificate.