



BOHLER N680

Nuance d'acier inoxydable offrant une excellente résistance à la corrosion.

ÉTAT DE LIVRAISON

- Recuit
- Laminé à chaud

COMPOSITION

C	Cr	Mo	Mn	Si	V
0.54%	17.30%	1.1%	0.4%	0.45%	0.1%

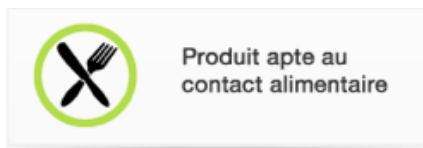
CARACTÉRISTIQUES

- Excellente résistance à la corrosion
- Bonne aptitude à la trempe
- Hautes duretés possibles

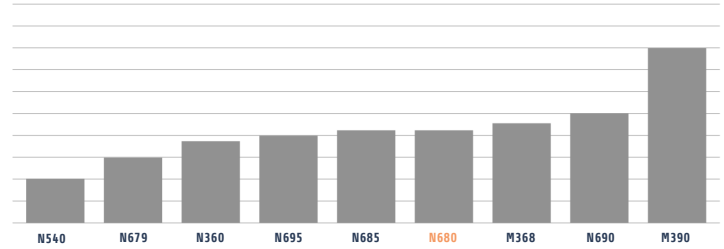
EMPLOIS PRINCIPAUX

NUANCE PRINCIPALEMENT UTILISÉE POUR L'INDUSTRIE AGRO-ALIMENTAIRE ET LES LAMES INDUSTRIELLES.

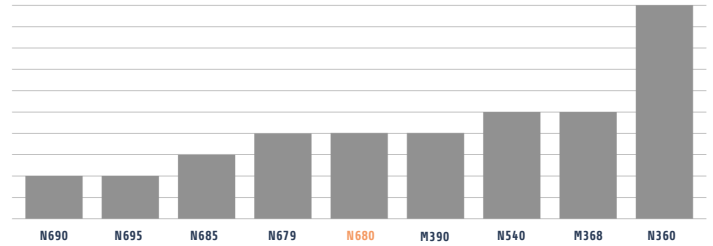
COUTELLERIE: Couteaux tactiques, couteaux de chasse, couteaux à usage marin...



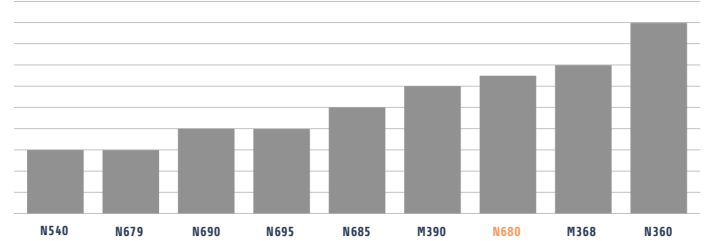
RÉSISTANCE A L'USURE



DURETÉ



RÉSISTANCE A LA CORROSION



TRAITEMENT THERMIQUE

AUSTENITISATION : 1060°C

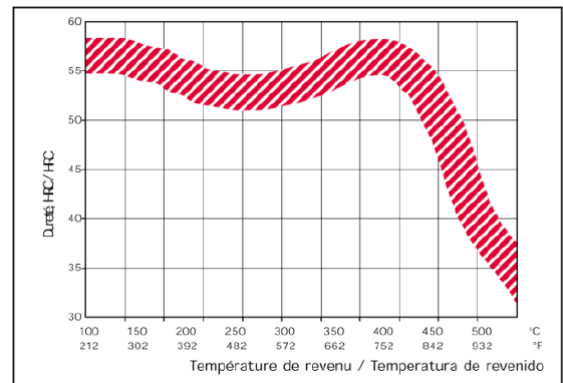
TEMPS DE MAINTIEN : 20 minutes

CRYO RECOMMANDÉE POUR CETTE NUANCE :

- -80°C pendant 2 heures
- A faire dans l'heure qui suit la fin de trempe

REVENU : 2 x 2 heures à 175°C

DURETÉ : 56 / 58 HRC



SIÈGE SOCIAL

EUROTECHNI S.A.S
Agence de Racine
Z.A Racine
63650 La Monnerie-le-Montel

AGENCE DE NOGENT

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40, Rue du Guay
52800 Nogent

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BOHLER N680

Stainless steel grade offering a high corrosion resistance.

DELIVERY STATE

- Annealed
- Hot rolled

ANALYSIS

C	Cr	Mo	Mn	Si	V
0.54%	17.30%	1.1%	0.4%	0.45%	0.1%

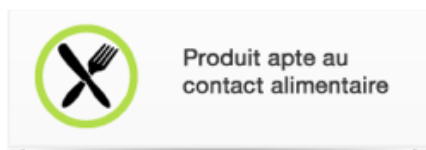
SPECIFICATIONS

- High corrosion resistance
- Good quench ability
- High hardnesses

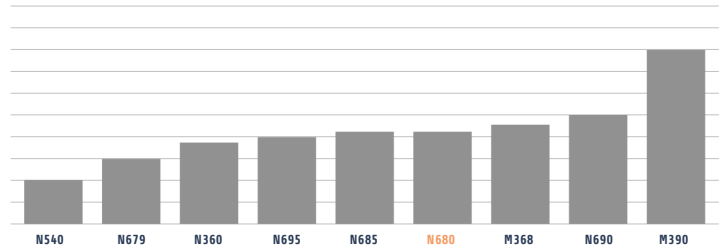
MAIN USES

MAINLY USED FOR INDUSTRIAL BLADES AND AGRI-FOOD DOMAIN.

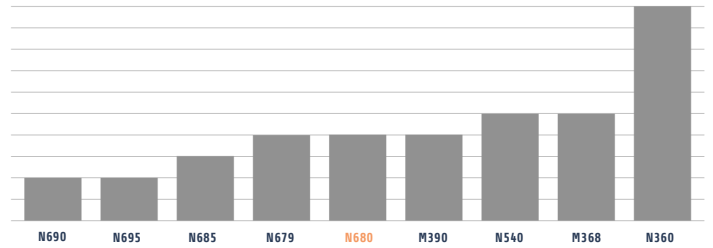
KNIFEMAKING: Hunting, tactical, nautical knife blades...



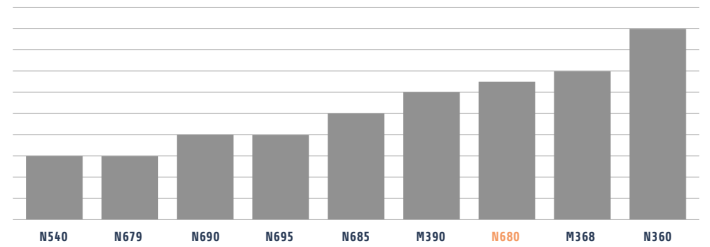
WEAR RESISTANCE



HARDNESS



CORROSION RESISTANCE



HEAT TREATMENT

AUSTENITIZING : 1060°C

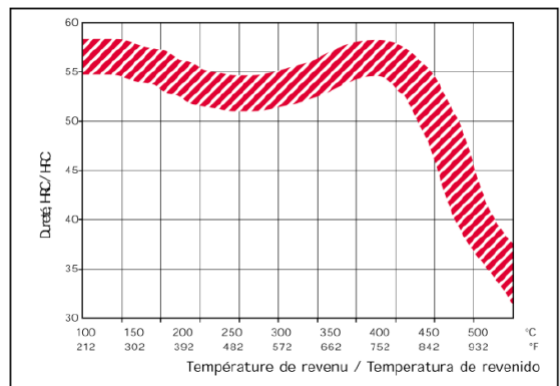
HOLDING TIME : 20 minutes

DEEP FREEZING IS RECOMMENDED FOR THIS GRADE :

- -80°C during 2 hours
- To be done max. one hour after quench

TEMPERING : 2 x 2 hours at 175°C

HARDNESS : 56 / 58 HRC



HEADQUARTERS

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NOGENT AGENCY

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