

# ACIERS FERRITIQUES ET MARTENSITIQUES, Y COMPRIS ACIERS À DURCISSEMENT PAR PRÉCIPITATION

## Segment d'application

Engineering

## Variantes de produits disponibles

Produit long

## Description du produit

BÖHLER N664 is a corrosion-resistant steel with 17%Cr and Mo-addition in the form of bars, wire, forgings, and forging stock. These products have been used typically for parts in general engineering and cutting and non cutting medical applications , e.g. chisels, knives, osteotomes, scalpels drills, retractors, spreaders, tongs requiring hardness up to 56/57 HRC and resistance to wear, corrosion, and oxidation depending on instrument design and application but usage is not limited to such applications.

## Procédé d'élaboration

Airmelted

## Applications

- > Mécanique générale / machines-outils
  - > Industrie agro-alimentaire
- > Domaine médical
  - > Industrie médicale
- > Instruments médicaux & implants

## Données techniques

Désignation normalisée		Normes	
440A	Market grade	A276/A276M	ASTM
S44002	UNS	F899	

## Composition chimique

C	Si	Mn	P	S	Cr	Mo
0,60 jusqu'à 0,75	max. 1,00	max. 1,00	max. 0,040	max. 0,030	16,0 jusqu'à 18,0	max. 0,75

Refers to ASTM A276.

## Condition de livraison

### Recuit

Dureté (HB)	max. 269   Hot finished
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### Recuit

Dureté (HB)	max. 285   Cold finished
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### Barres rondes et fil machine (le cas échéant)

Diamètre mm	
CERCLE	
12,50	65,00

Further information on MOQ, length and tolerance on request.

For additional specifications and other sizes please contact BÖHLER Edelstahl - Special Materials Engineering

The data contained in this brochure is merely for general information and therefore shall not be binding on the company. We may be bound only through a contract explicitly stipulating such data as binding. Measurement data are laboratory values and can deviate from practical analyses. The manufacture of our products does not involve the use of substances detrimental to health or to the ozone layer.