

ACCIAI DA UTENSILI PER LAVORAZIONE A FREDDO

Granulometria disponibile

Prodotti lunghi

Descrizione del prodotto

Shock resisting steel with high toughness and good wear resistance. Universally usable. Hardened and tempered to 145,03 - 159,53 ksi (1000 - 1100 MPa). Normally no further heat treatment is required.

Percorso di fusione

Airmelted

Applicazioni

> Stampaggio a freddo

> Coniatura

Dati tecnici

Corrispondenze	
~1.2358	SEL
~60CrMoV18-5	EN

Analisi chimica

C	Si	Mn	Cr	Mo	V
0,60	0,35	0,80	4,50	0,50	0,25

Condizioni di consegna

Ricotto	
Durezza (HB)	max. 240

Hardened and Tempered	
Durezza (HB)	280 a 311

Trattamento termico

Annealing

Temperatura	820 a 860 °C	Slow controlled cooling in furnace at a rate of 50 to 68°F/hr (10 to 20°C/hr) down to approx. 1112°F (600°C), further cooling in air.
-------------	--------------	---

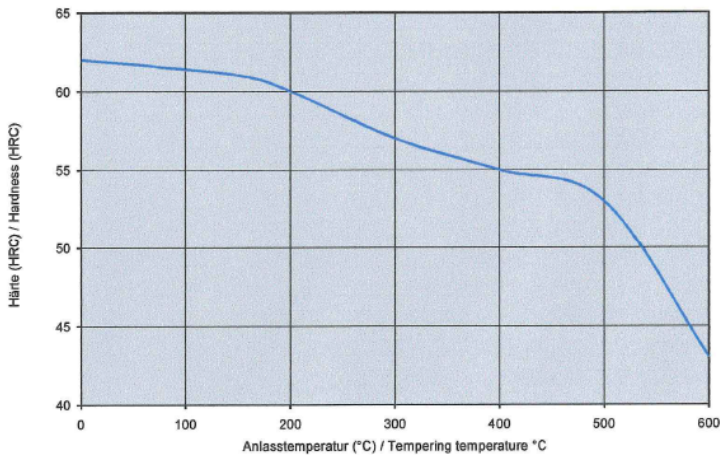
Alleviare lo stress

Temperatura	600 a 650 °C	Slow cooling in furnace. Intended to relieve stresses set up by extensive machining, or in complex shapes. After through heating, hold in neutral atmosphere for 1-2 hours.
-------------	--------------	---

Tempra e rinvenimento

Temperatura	950 a 980 °C	Air, oil Holding time at hardening temperature: 15 to 30 minutes. After hardening, tempering to the desired working hardness, see tempering chart.
-------------	--------------	--

Tempering chart



For additional specifications and technical requirements, please contact our regional voestalpine BÖHLER sales companies.

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.