ACEROS PARA TRABAJO EN FRÍO

Formatos disponibles

Productos largos* | Chapas

*) Presented data refer exclusivly to long products. Please observe the detailed explanations at the end of the data sheet (pdf).

Descripción

Cilindros intermedios para soportes de rodillos. Troquelado y punzonado, tablas de corte y punzonado, cuchillas de corte en caliente, clavijas de expulsión, matrices de impacto en frío, punzones de perforación.

Método de obtención

Convencional

Propiedades

- Dureza y Ductilidad : buena
- Resistencia al desgaste : buena
- Resistencia a la compresión : alto
- Estabilidad dimensional : buena

Aplicaciones

- Cuchillas de máquinas (fabricantes)
- Corte fino / Troquelado / Estampado
- Laminación
- Rodillos
- Conformado en frío

Datos técnicos

Designación	
1.2362	SEL
X63CrMoV5-1	EN

Composición Química

C	Si	Mn	Cr	Mo	Ni
0,63	1,10	0,40	5,30	1,20	0,30

Características

	Resistencia a la compresión	Estabilidad dimensional durante el tratamiento térmico	Tenacidad	Resistencia al desgaste abrasivo
BÖHLER K313	★★★★	★★★	★★★	★★★
BÖHLER K305	★★★★★	★★★	★★	★★★★★
BÖHLER K306	★★★★	★★★	★★★★	★★★
BÖHLER K320	★★★	★★★	★★★	★★★
BÖHLER K329	★★★	★★★	★★★★	★★★★
BÖHLER K600	★	★★★	★★★★★	★
BÖHLER K601	★	★★★	★★★★	★★
BÖHLER K605	★★	★★★	★★★★	★

Estado de suministro

recocido

Dureza (HB)	máx. 240

Tratamiento térmico

Recocido

Temperatura	800 a 850 °C	Slow controlled cooling in furnace at a rate of 10 to 20 °C/hr (18 to 36 °F/hr) down to approximately 600 °C (1112 °F) || Further cooling in air.

Alivio de tensiones

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

Temple y revenido

Temperatura	980 a 1.020 °C	Quenching: Oil, salt bath (450 to 500 °C | 842 to 932 °F), air (small sizes only) || Holding time after temperature equalization: 15 to 30 minutes.

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

Sheet & Plates: Product Variant may differ in terms of melting process, technical data, delivery, and surface condition as well as available product dimensions. Please contact voestalpine BÖHLER Bleche GmbH & Co KG.

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.

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voestalpine
ONE STEP AHEAD.