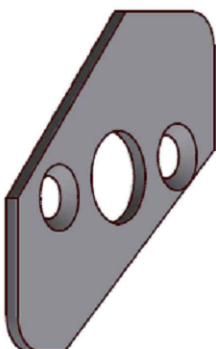


NOTA:  
-HEAT TREATMENT  
HARDEN 60-62 RC.



- DIN 4620, 135-155 kp/mm<sup>2</sup> -  
in gerichteten Stäben  
beidseitig geschliffen

HOJA 1 DE 3

NOMBRE: WEAR PLATE

CAMBIO	5
TAMAÑO:	B

ESTE PLANO Y EL DERECHO A SU USO ES PROPIEDAD EXCLUSIVA DE FABRICACION DE MAQUINAS, S. A. DE C. V., EL USO INDEBIDO Y LA VIOLACION A LA CONFIDENCIALIDAD DEL MISMO SERA CASTIGADO CONFORME A LA LEY, DESPUES DE UTILIZARLO PARA LO QUE FUE PRESTADO DEBEA DEVOLVERSE A "TAA" DE INMEDIATO O CUANDO "TAA" LO SOLICITE.



NOTA:  
PIEZAS SERAN LIBERADAS SI  
CUMPLEN CON TODOS LOS  
PUNTOS DEL ARCHIVO DE  
ESPECIFICACIONES DE DIBUJO.

MATERIAL-IDENTIFICATION-NUMBER

\* DETALLE  
(MARCADO-SIGNED) XXXXXXXXXXXX.X  
XXX

NUMBER OF CHANGE  
5

MANUFACTURER (FAMA)

NUMBER OF CHANGE  
213F202318.5  
FAM  
POINT.

Manufacturing has to consider the following standards: In our Region we use the following standards:				05 FEI390 14.12.2016 Lueckert		Material: C75 - gelasert (1.0605)		This drawing is the standard of the drawing and must be used as such. Any deviation must be reported to the drawing office.		Replaced by: Project name: Mould Design	
General instructions for manufacturing 6.01.010				04 FE PSP 03.09.2009 Stocks		Scale: 1:1		Data sheeting of materials: The drawing is the standard of the drawing and must be used as such. Any deviation must be reported to the drawing office.		Project no: 00007	
General tolerances for linear measures and angular dimensions, form and position according to DIN ISO 2768 - mK				03 Neue Version durch Datenernahme 03.09.2009 Stocks		Weight: 0.068 kg		Data sheeting of materials: The drawing is the standard of the drawing and must be used as such. Any deviation must be reported to the drawing office.		Project Structure: Project Structure	
Surface finish DIN ISO 1302				02 FEI221 16.04.2009 Schwaiger		Projection: 0.068 kg		Data sheeting of materials: The drawing is the standard of the drawing and must be used as such. Any deviation must be reported to the drawing office.		Project name: Mould Design	
Agreement for Lager- und Versand: Form und Lage nach DIN ISO 2768 - mK				01 FE0664 12.10.2009 Hornig		Weight: 0.068 kg		Data sheeting of materials: The drawing is the standard of the drawing and must be used as such. Any deviation must be reported to the drawing office.		Project name: Mould Design	
Design: Heide-International				Designed: 25.11.2008		Checked: 14.12.2016		Data sheeting of materials: The drawing is the standard of the drawing and must be used as such. Any deviation must be reported to the drawing office.		Project name: Mould Design	
Year: 2008				Date: 25.11.2008		Date: 14.12.2016		Data sheeting of materials: The drawing is the standard of the drawing and must be used as such. Any deviation must be reported to the drawing office.		Project name: Mould Design	

MATERIAL IDENTIFICATION NUMBER  
213F202318

HOJA 2 DE 3

 				<p>ESTE PLANO Y EL DERECHO A SU USO ES PROPIEDAD EXCLUSIVA DE FABRICACION DE MAQUINAS, S.A. DE C.V., EL USO INDEBIDO Y LA VIOLACION A LA CONFIDENCIALIDAD DEL MISMO SERA CASTIGADO CONFORME A LA LEY, DEBERA ENTREGARLO A LA LEY, PRESTADO DEBERA ENTREGARLO A LA LEY, DE INMEDIATO O CUANDO FAMA LO SOLICITE.</p>			
<p>NOMBRE: WEAR PLATE</p>				<p>NUMERO: 780197</p>			
<p>ESCALA: MATERIAL: S/E D2 TOOL STEEL</p>				<p>NUMERO: 7000146230</p>			
<p>DIBUJO: FECHA: 11-MAY-22</p>				<p>FABRICACION DE MAQUINAS</p>			
<p>REVISOR: FECHA: 11-MAY-22</p>				<p>SA DE C.V. MONTERREY, N.L. MEXICO</p>			
<p>REF: 213F202318</p>				<p>TAMAO: B</p>			

## GENERAL TOLERANCES ACCORDING TO DIN ISO 2768 - mK

Table 1 - Linear Dimensions

Permissible deviations in mm for ranges in nominal lengths	Tolerance Class Designation (Description)			
	f (fine)	m (medium)	c (coarse)	v (very coarse)
0.5 up to 3	±0.05	±0.1	±0.2	--
over 3 up to 6	±0.05	±0.1	±0.3	±0.5
over 6 up to 30	±0.1	±0.2	±0.5	±1.0
over 30 up to 120	±0.15	±0.3	±0.8	±1.5
over 120 up to 400	±0.2	±0.5	±1.2	±2.5
over 400 up to 1000	±0.3	±0.8	±2.0	±4.0
over 1000 up to 2000	±0.5	±1.2	±3.0	±6.0
over 2000 up to 4000	--	±2.0	±4.0	±8.0

For nominal sizes below 0.5 mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

Table 4 - General Tolerances on straightness and flatness

Ranges of nominal lengths in mm	Tolerance Class			
	H	K	L	L
up to 10	0.02	0.05	0.1	0.1
above 10 to 30	0.05	0.1	0.2	0.2
above 30 to 100	0.1	0.2	0.4	0.4
above 100 to 300	0.2	0.4	0.8	0.8
above 300 to 1000	0.3	0.6	1.2	1.2
above 1000 to 3000	0.4	0.8	1.6	1.6

## SURFACE FINISH DIN ISO 1302

### DIN ISO 1302, DIN 4768 - Comparison of Surface Roughness Values

DIN ISO 1302 and DIN 4768 are the Germany standards for surface roughness for various areas, including metal castings. The followings are some explanation to the symbols and comparison to surface roughness values.

Surface Roughness Symbols	Explanation
	Symbol without additional indications. Basic symbol. The meaning must be explained by additional indications.
	Symbol with additional indications. Any production method, with specified roughness.
	Symbol without additional indications. Removal of material by machining, without specified roughness.
	Symbol with additional indications. Removal of material by machining, with specified roughness.
	Symbol without additional indications. Removal of material is not permitted (surface remains in state as supplied).
	Symbol with additional indications. Made without removal of material (non-cutting), with specified roughness.

### Comparison of Roughness Values

DIN ISO 1302	Roughness Values Ra (µm)	1	2	4	8	16	32	63	125	250	500	1000	2000
Roughness Values Ra (µm)													
Roughness Grade Numbers		N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12

HOJA 3 DE 3

ESTE PLANO Y EL DISEÑO A SU USO ES  
PROPIEDAD EXCLUSIVA DE FABRICACION DE  
MAQUINAS, S. A. DE C. V., EL USO INDEBIDO  
Y LA VIOLACION A LA CONFIDENCIALIDAD DEL  
MISMO CONSTITUYEN UNA FALTA GRAVE Y  
DESPUES DE UTILIZADO PARA LO QUE FUE  
PRESTADO DEBERA DEVOLVERSE A "FAMA"  
DE INMEDIATO O CUALQUIER "FAMA" LO SOLICITE.

NOMBRE:		WEAR PLATE	
ESCALA:		MATERIAL:	
S/E D2 TOOL STEEL		NÚMERO: 780197	
FECHA: 11-MAY-22		NÚMERO: 7000146230	
REVISOR: E.VALDEZ		SAP: 7000146230	
DIBUJO: 11-MAY-22		FABRICACION DE MAQUINAS	
MONTERREY, N.L. MEXICO		TAMAYO: B	