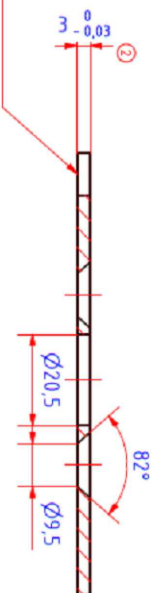


NOTA:
 PIEZAS SERAN LIBERADAS SI
 CUMPLEN CON TODOS LOS
 PUNTOS DEL ARCHIVO DE
 ESPECIFICACIONES DE DIBUJO.

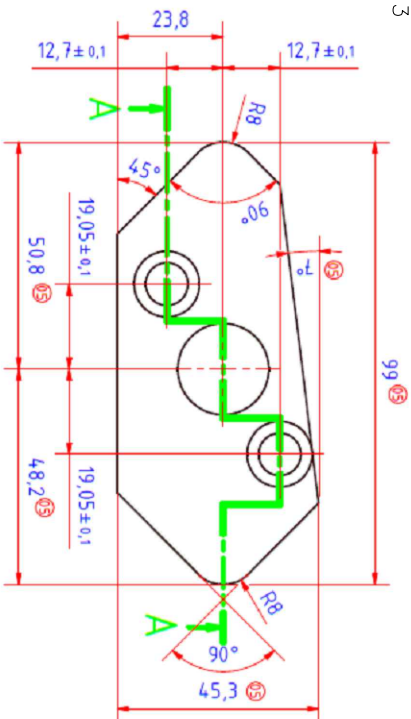
NOTA:
 -HEAT TREATMENT
 HARDEN 60-62 RC.

A-A



AUTORIZADO
 FECHA DE IMPRESIÓN: 26/05/2022

-mit Materialnummer, Index und
 Herstellernummer gekennzeichnet
 -signed with material-identification-number,
 number of change and manufacturer-number
 * NOTA: VER HOJA 2 DE 3
 (MARCADO-SIGNED)



gefertigt aus Federbandstahl
 - DIN 4620, 135-155 kp/mm² -
 in gerichteten Stäben
 beidseitig geschliffen



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 ENTENDERSE QUE EL DISEÑO
 PRESENTE DEBERA SER EN TAMAÑO
 DE INMEDIATO O CUANDO TAMBIEN LO SOLICITE.

HOJA 1 DE 3

REF: 213F202317

NOMBRE:			WEAR PLATE		
ESCALA: MATERIAL:			NUMERO		CAMBIO
S/E D2 TOOL STEEL			780196		5
DIBUJO:			FABRICACION DE MAQUINAS		TAMAÑO:
R. DEVENANTES			S.A. DE C. V.		B
FECHA:					
11-MAY-22					
REVISOR:					
EVALUADOR:					
11-MAY-22					
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MATERIAL-IDENTIFICATION-NUMBER

NUMBER OF CHANGE

* DETALLE
(MARCADO-SIGNED)

XXXXXXXXXX.X
XXX

MANUFACTURER(FAMA)

POINT.

AUTORIZADO
FECHA DE IMPRESIÓN: 26/05/2022

5
NUMBER OF CHANGE

Manufacturing has to consider the following standards: In the regions where the principal standards are not applicable, the following standards are to be used: General instructions for manufacturing 6.01010 Applicable instructions for welding 6.01010 General tolerances for linear measures and angular dimensions, form and position according to DIN ISO 2768 - mK Surface finish DIN ISO 1302										
05	FE1390	14.12.2016	Lueckert	C75 - gelasert (1.0605)	This drawing is the authoritative property of the company. It is not to be used or reproduced in any form without the written consent of the company. It is to be used only for the purpose for which it was created.					Replaced by Project no. D0002 Project name PD-Entw./Änd./Std.
04	FE PSP	03.05.2009	Stocks	Scale 1:1	Data for the manufacturing process: Drawings are to be used in accordance with the latest version of the standards. The latest version of the standards is to be used. The latest version of the standards is to be used.					Replacement for Project no. PD-Entw./Änd./Std.
02	FE1221	16.04.2009	Schweizer	Weight 0.068 kg	Data for the manufacturing process: Drawings are to be used in accordance with the latest version of the standards. The latest version of the standards is to be used. The latest version of the standards is to be used.					Project Structure
01	FE0664	18.07.2000	Herrig	Weight 0.068 kg	Data for the manufacturing process: Drawings are to be used in accordance with the latest version of the standards. The latest version of the standards is to be used. The latest version of the standards is to be used.					No. of 05
No. of Change				18.07.2000	Data for the manufacturing process: Drawings are to be used in accordance with the latest version of the standards. The latest version of the standards is to be used. The latest version of the standards is to be used.					Sheet 1 / 1
Herrig-International				14.12.2016	Data for the manufacturing process: Drawings are to be used in accordance with the latest version of the standards. The latest version of the standards is to be used. The latest version of the standards is to be used.					Format A3
Year 2008				25.11.2008	Data for the manufacturing process: Drawings are to be used in accordance with the latest version of the standards. The latest version of the standards is to be used. The latest version of the standards is to be used.					

213F202317

MATERIAL IDENTIFICATION NUMBER

HOUA 2 DE 3



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, PRESTO DIBERADO VERSO "TAMA" DE INMEDIATO O CUANDO TAMA LO SOLICITE.

NOMBRE: WEAR PLATE			
ESCALA: MATERIAL:	NUMERO	780196	CAMBIO:
S/E D2 TOOL STEEL	FAMA:	7000146229	5
DIBUJO: FECHA: 11-MAY-22	REVISOR: FECHA: 11-MAY-22	FABRICACION DE MAQUINAS	TAMAO:
EVALUOZ	EVALUOZ	SA DE C. V.	B
		MONTERREY, N.L. MEXICO	

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 UN DELITO PENAL,
DESPUES DE UTILIZADO PARA LO QUE FUE
DE INMEJOR O CUANDO FUEA "LO SOLICITE".

NOMBRE:		WEAR PLATE	
ESCALA:		MATERIAL:	
S/E D2 TOOL STEEL		NUMERO: 780196	
FECHA: 11-MAY-22		NUMERO: 7000146229	
REVISOR: E.VALDEZ		SAP: MONTERREY, N.L. MEXICO	
DIBUJO: 11-MAY-22		FABRICACION DE MAQUINAS	
REF: 213F202317		TAMANO: B	