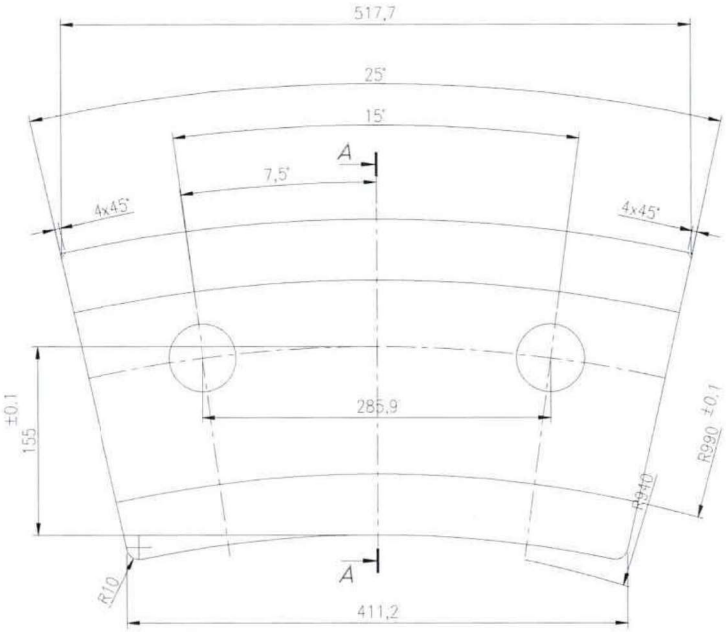
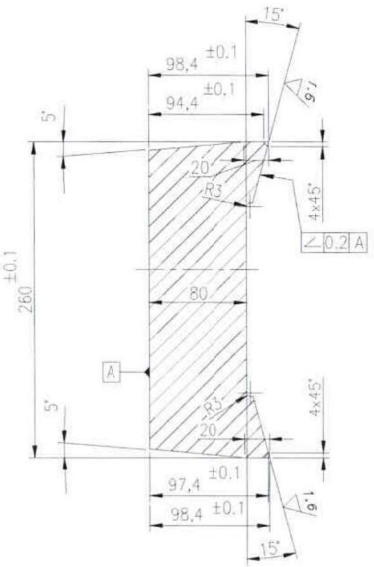
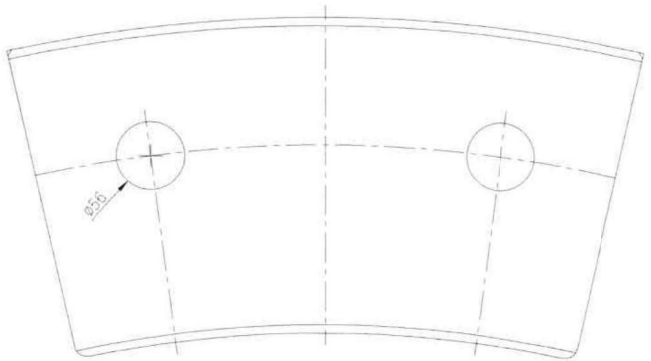




SECTION A–A



(1) M040

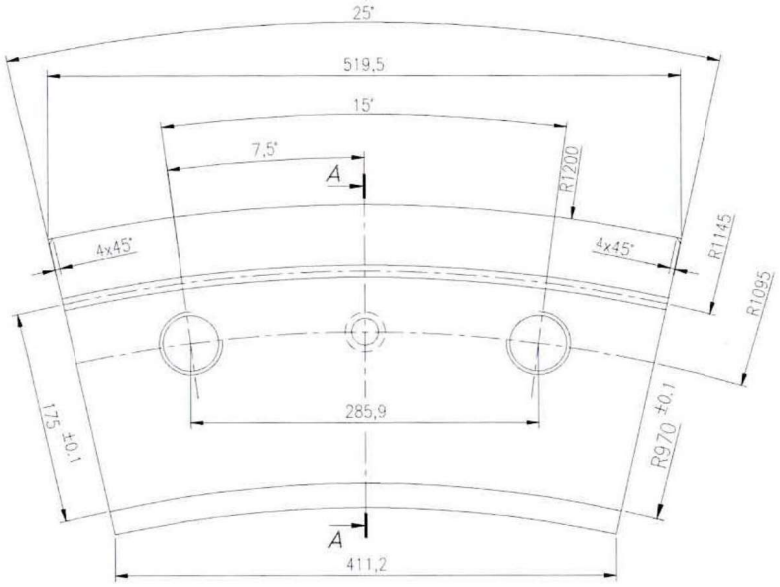
1.6

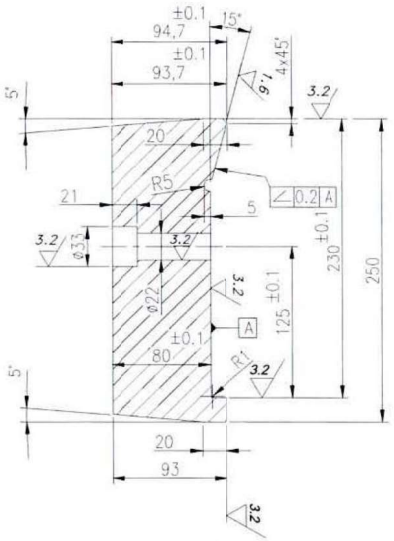
انحراف مجاز :		نام مدل دستگاه:		کد کارت انبار:	کد نقشه مرجع:	وزن:	79 Kg
					2.124541	جنس:	(1)
						سازنده:	
			تاریخ	نام			
		رسم	۹۵/۰۳/۰۶	م.علی حسینی			
		کنترل					
		تایید					
2	99/04/07			کد نقشه:			
1	98/10/08	1		S.C.C-844-2			
REV.	DATE	DESCRIPTION					
SHEET OF -				کد محل استقرار: (FLS CODE)			
				321.100 322.100			
SCALE: 1:4	SIZE: A3	UNIT: mm	QTY. 12				

کارخانه سیمان خاکستری ساوه (زرند)
(شرکت سهامی عام)

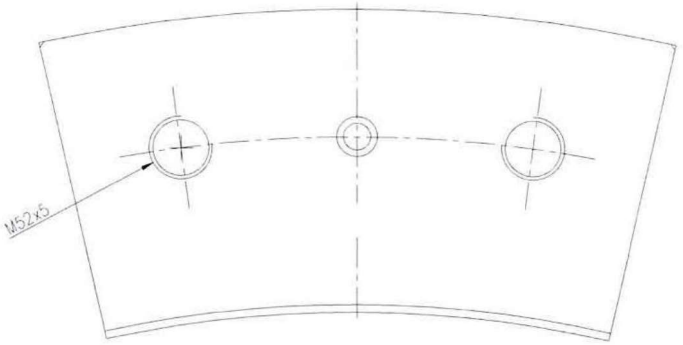
عنوان نقشه :
بغلبند سه سوراخه
زره غلطک آسیای مواد

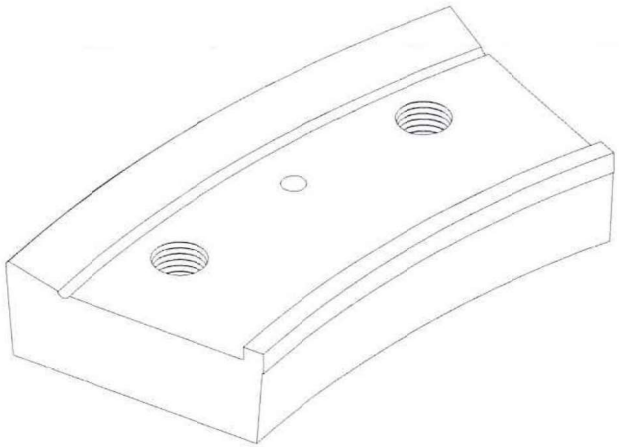
XF (1762)





SECTION A–A

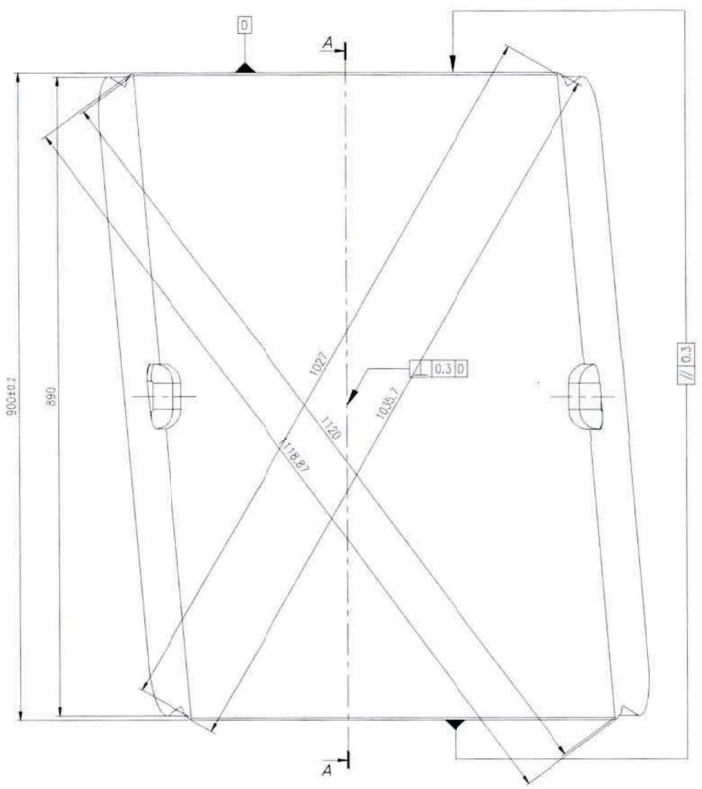


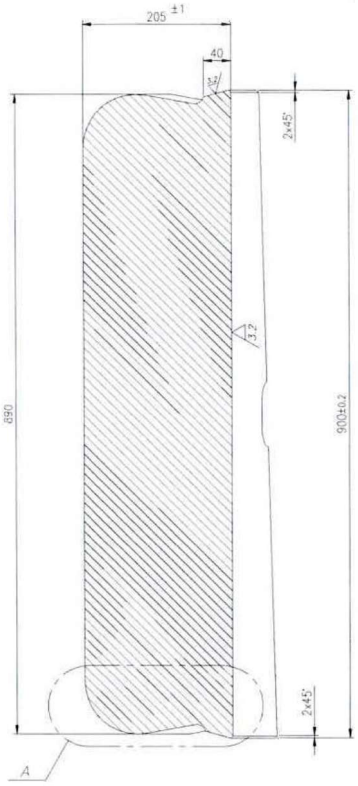


(1) MO40

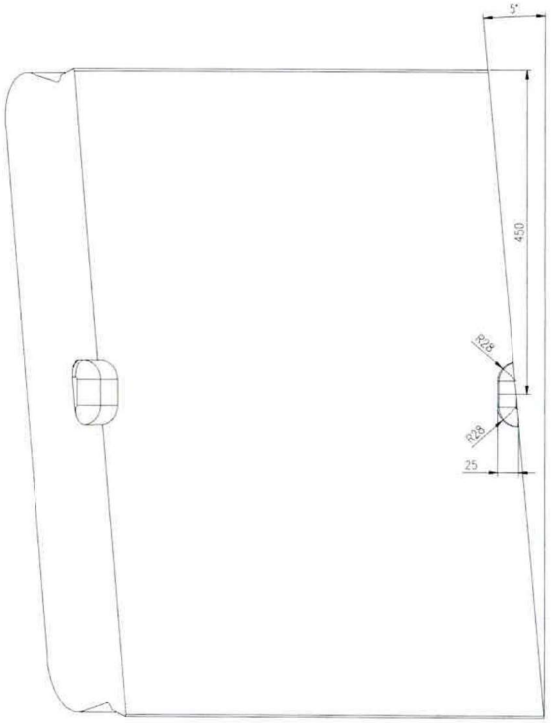
√ (3.2 / 1.6)

انحراف مجاز :		نام مدل دستگاه:		کد کارت انبار:	کد نقشه مرجع: 2.124541	وزن: 74 Kg	
						جنس: (1)	
						سازنده:	
			تاریخ	نام	کارخانه سیمان خاکستری ساوه (زرند) (شرکت سهامی عام)		
		رسم	۹۵/۰۳/۰۶	م.علی حسینی			
		کنترل					
		تایید					
2	99/04/07			کد نقشه: S.C.C-844-1			
1	98/10/08	(1)					
REV.	DATE	DESCRIPTION					
SHEET OF -		321.100 322.100		کد محل استقرار: (FLS CODE)	عنوان نقشه : بغلبند سه سوراخه زره غلطک آسیای مواد XF (1763)		
SCALE: 1:4	SIZE: A3	UNIT: mm	QTY. 12				

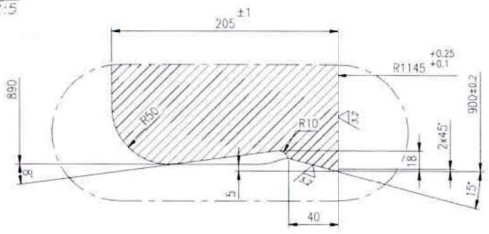




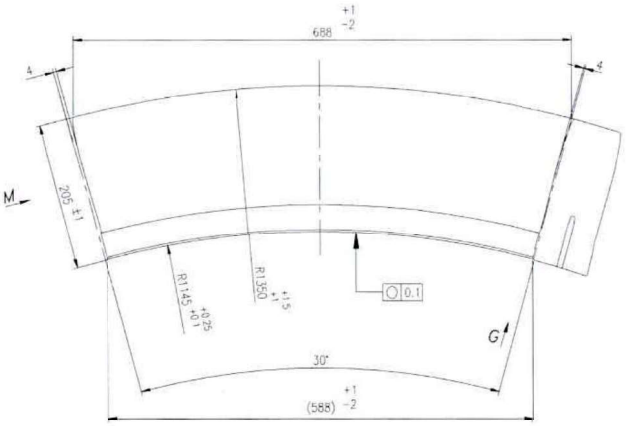
SEC A-A
SCALE 1:5

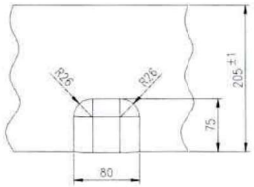


VIEW G
SCALE 1:5



DETAIL A
SCALE 1:3





VIEW M
SCALE 1:5

Note:
-All chamfers without dimension are C3
-All fillets without dimension are R1
-All sharpness edges must be removed.
-Reference of general tolerance is DIN 7168(m)
(Only for integers)

Hardness: 600 HV

3.2

PM code:							
انحراف مجاز :		نام مدل دستگاه:		کد کارت آنبار:	کد نقشه مرجع:	وزن:	
						جنس: FLS 3831	
						سازنده:	
			تاریخ	نام			
			۸۶/۷/۳۰	آرمان گستر ساروج		کارخانه سیمان ساوه (خاکستری) (شرکت سهامی عام) (دفتر طراحی و نقشه کشی)	
			۸۶/۷/۳۰	آرمان گستر ساروج	رسم		
					کنترل		
					تایید		
			S.C.C-220-1		کد نقشه:	شرکت فنی مهندسی آرمان گستر ساروج	
1	04/06/97	Dim.			کد قطعه:		
	SHEET OF 1/2						
REV.:	DATE	DESCRIPTION	321.100 322.100		کد محل استقرار: (FLS CODE)	عنوان نقشه : زره غلطک آسیاب مواد (Wear segment) (ATOX MILL 45)	
SCALE: 1:5	SIZE: A2		UNIT: mm	QTY: 12			

Abrasion Resistant Cast Iron, Cr-Mo-Ni-Alloyed

For more information contact F.L. Smidth

PROPERTIES:

Chromium-Molybdenum-Nickel alloyed iron castings with high abrasion resistance and a rather good impact resistance.

STANDARDS:

General requirements:

When reference to this MAT NO appears on FLS Drawing or FLS Parts List or in FLS Purchace Order the data from the Primary Standard is used as acceptance criteria.

Specific deviations in requirements made in the FLS Parts List, the FLS Purchace Order or a FLS Instruction always overrules this data sheet.

Alternatively accepted International Standards listed in this sheet may be used if the suppliers documentation covers at least the documentation required in the Primary Listed Standard. This means that supplementary tests in some cases will be necessary.

Primary Standard:

EN 12513 (2000) , MATERIAL: EN-GJN-HV600(XCr18) , MATERIAL No.: EN-JN3039

Founding - Abrasion resistant cast Iron

CHEMICAL COMPOSITION:

Dim, mm	% C max or range	% Si max or range	% Mn max or range	% P max or range	% S max or range	% N max or range	% Al min or range
	2.4-3.2	-1.0	0.5-1.5	0.08	0,08	-	-

Dim, mm	% Cr max or range	% Mo max or range	% Ni max or range	% V max or range	% Nb max or range	% Ti max or range	% Cu max or range	% Other max or range
	18.0-23.0	- 3.0	- 2.0	-	-	-	-1.2	

MECHANICAL PROPERTIES AT ROOM TEMPERATURE:

Condi-tion	Dim, mm	Tensile Strength MPa	Yield Strength MPa	Elong. %	Area Reduction		M.Elas GPa	Hardness			Imp. Energy KV, min	
		Rm	Re	A5	Z	$Z_{\perp}$	E	HRc	HB	HV	°C	J
HT		-	-	-	-	-		-	-	600 -		

HT - Hardened and Tempered according to appropiate standard

Abrasion Resistant Cast Iron, Cr-Mo-Ni-Alloyed

For more information contact F.L. Smidth

ALTERNATIVE INTERNATIONAL STANDARDS TO MAT 3831

Standard	Type of Material	Name of Material	Material No.
ASTM A 532/A 532M (1993)	Casting	Class II, Type D	20 % Cr
EN 12513 (2000)	Casting	EN-GJN-HV600(XCr18)	EN-JN3039

ACEA:	Association des Constructeurs Europeans d'Automobiles	DIN:	Deutsche Industrie-Norm
AGMA:	American Gear Manufacturers's Association	EN:	European Norm
API:	American Petroleum Insitute	IEC:	International Electrotechnical Commission
ASTM:	American Society for Testing Material	ISO:	International Organisation for Standardizatio
BS:	British Standard	JIS:	Japanese Industrial Standard
CCMC:	Committee of Common Market Constructors	NLGI:	National Lubricating Grease Institute
DS:	Dansk Standard	SAE:	Society of Automotive Engineer

DELIVERY CONDITIONS:

Shall be delivered hardened and tempered according to the appropriate standard and required hardness.
Can be machined by special tools or cold grinding.
For Atox segments: A non destructive tests shall be performed according to FLS instruction V3691-04.

Abrasion Resistant Cast Iron, Cr-Mo-Ni-Alloyed

For more information contact F.L. Smidth

Revisions:

Rev. No	Rev. Date	Change	Responsible
0,70	10-02-2002	Prepared & Approved changed References to Alternative Standards added to supplier version.	AnJo
0,80	15-01-2004	Standards and chemical compositions updated	AsK