

**AZZU'BI**  
METAL CASTING



# 2023



## High Quality Castings Since 1992

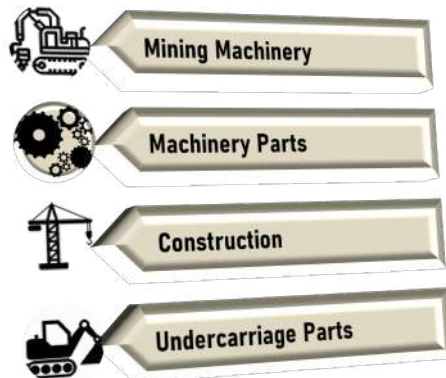
[www.azzubimetalcasting.com](http://www.azzubimetalcasting.com)

[info@azzubimetalcasting.com](mailto:info@azzubimetalcasting.com)

## ➤ About Us

- **AZZUBI Metal Casting** is a family-owned foundry established in Jordan since 1992 by Eng. Mohammad Azzu'bi.
- A leading manufacturer and a specialized foundry in customized and high-quality assured metal parts. Over the years, we have introduced a variety of advanced metal processing lines to meet customers' demands of custom-made precision parts in a variety selection of metals.
- Mission: Provide our clients with a **one-stop solution** for high-quality customized metal parts tailored specifically to their unique requests.
- Vision: Become **the region's leading metal casting firm** in the next decade by utilizing our dedicated leadership, tech-savvy workforce, world-renowned technological knowhow forging **new win-win partnerships**.

## ➤ Industries We Serve



### Facts



**30 years** of experience



**10,000 sqm** our facilities area



**1 Showroom** for product display



**3.5 Tons** per pour capacity

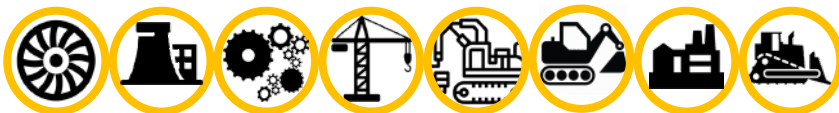


**1-3 Weeks** average delivery time



## Our Clients

- We have delivered products to our clients from the private and public sector at over **10 different countries** in **3 continents**.





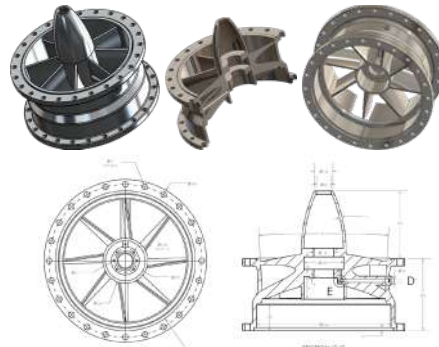


- To ensure customers' satisfaction in today's highly competitive manufacturing environment, AZZUBI Metal Casting provides a one-stop solution; guiding customers from pre-production design throughout final production.
- With 26 years of metalworking experience, we are able to offer a variety of high-quality and exclusively-tailored metal products and services that meet customers' specification.



## Reverse Engineering

Our experienced engineers are specialized in reverse engineering strategies, study cases are created and customized for each part with the proper analysis and equipment we can provide our clients with the most suitable alloys for requested application.



## Modelling & Design

Our pattern workshop is able to apply reverse drawings technics on high precision equipment spare parts requested. Reverse drawings can be applied on consumed parts, fractured parts and machine assembly also our team can provide recommendations on modifying parts efficiency from our know-how.



## Casting & Machining

A casting process that utilizes sand as the mold material to form metal parts. It's achievable for most desirable properties, can handle complex shapes & widely used in all metal casting applications.



## Delivery Time

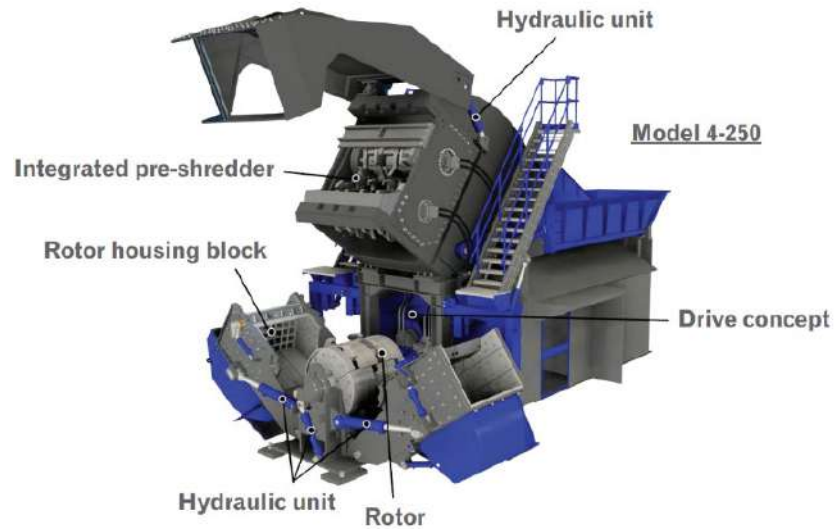
With our experience and know how we are able to deliver requested parts on agreed dates with clients due to the sensitivity of time in machinery spare parts.

# PROJECT SICON GMBH

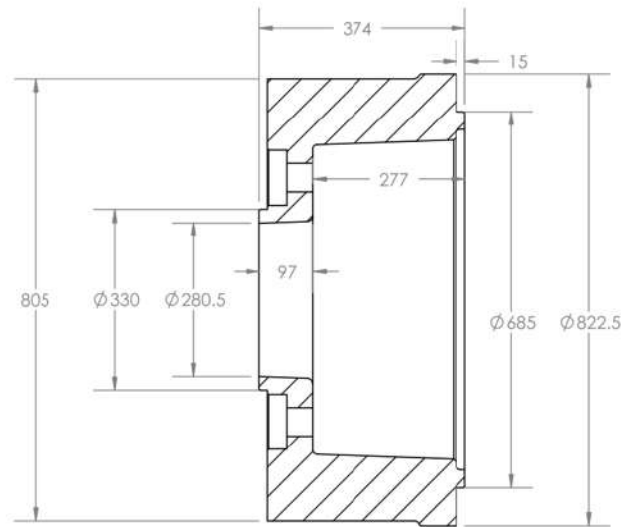
1<sup>st</sup> of February 2018



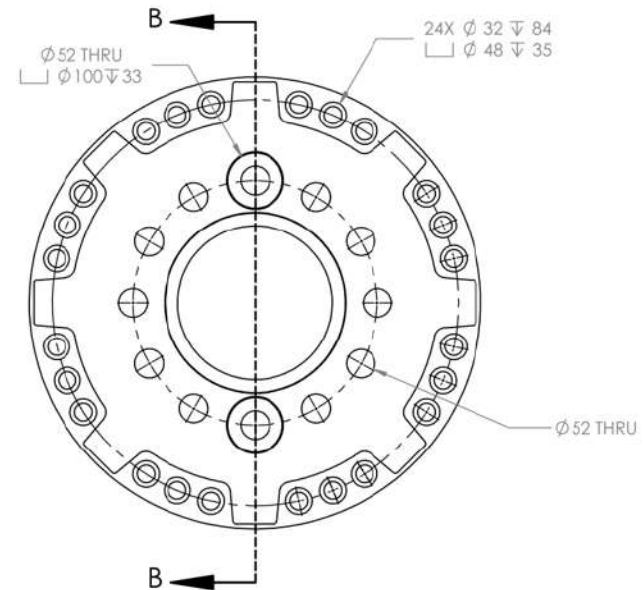
**SICON** EcoShred Compact Project



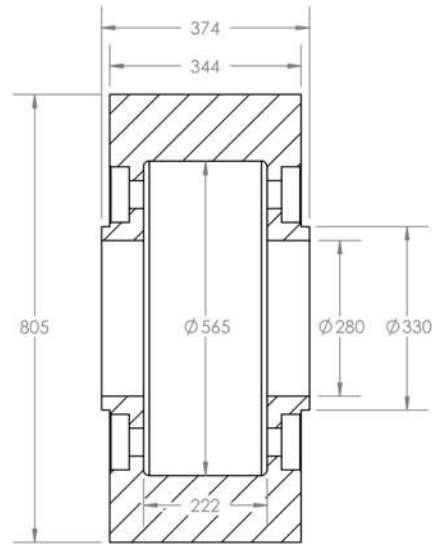




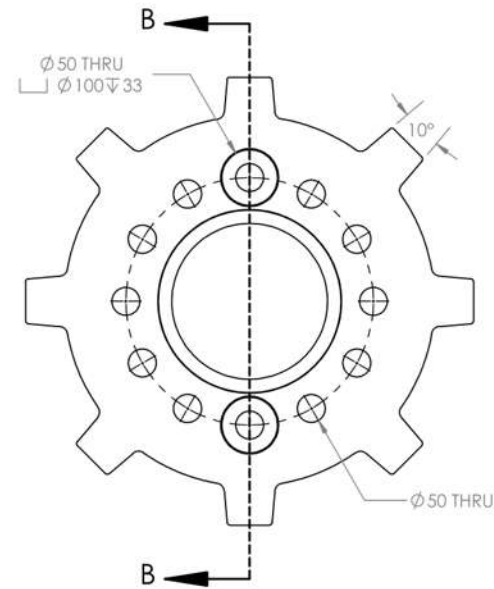
SECTION B-B



Part Code: SI3003	Material: SCNG So2		Client Info	Description
Scale: 1:12				Ø82.3*37.2
	Name	Date		
Requested by:	Eng. Mahmoud Azzu'bi	/ / 2018	Drawing Ref.	
Drawing by:	Mostafa Aldamoni	/ / 2018		
Checked by:	Ghaith Azzu'bi	/ / 2018	Samples Provided by Client.	
Approved by:		/ / 2018		
Notes:	Unite: MMGS		Drawing No: 01-SI3003	



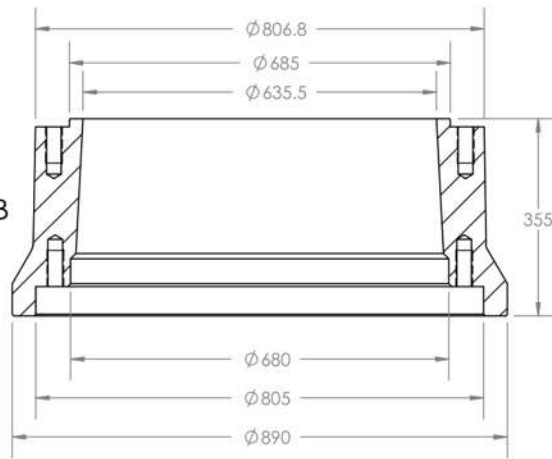
SECTION B-B



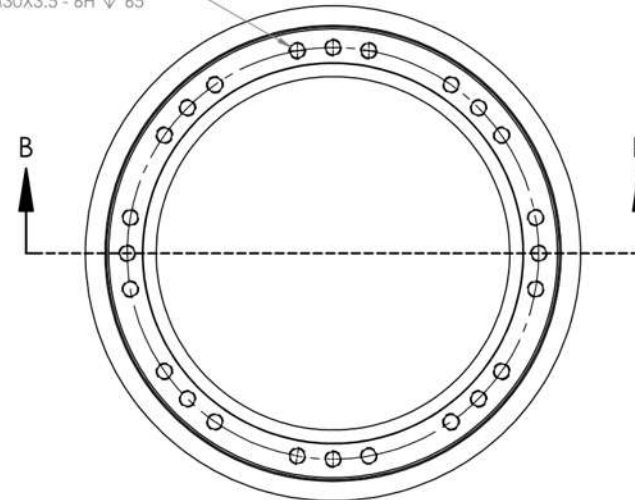
Part Code:	SI3002	Material:		Client Info	Description
Scale:	1:12	SCNG So2			Steel Shredders ø81.2*37.4 cm
Weight:	615 kg	Name	Date		
Requested by:	Eng. Mahmoud Azzu'bi		01 / 02 / 2018	Drawing Ref.	
Drawing by:	Mostafa Aldamoni		05 / 02 / 2018		
Checked by:	Ghaith Azzu'bi		05 / 02 / 2018		
Approved by:	Eng. Mahmoud Azzu'bi		10 / 02 / 2018	Drawing Provided by Client.	
Notes:		Unite:	MMGS	Drawing No: 01-SI3002	



SECTION B-B

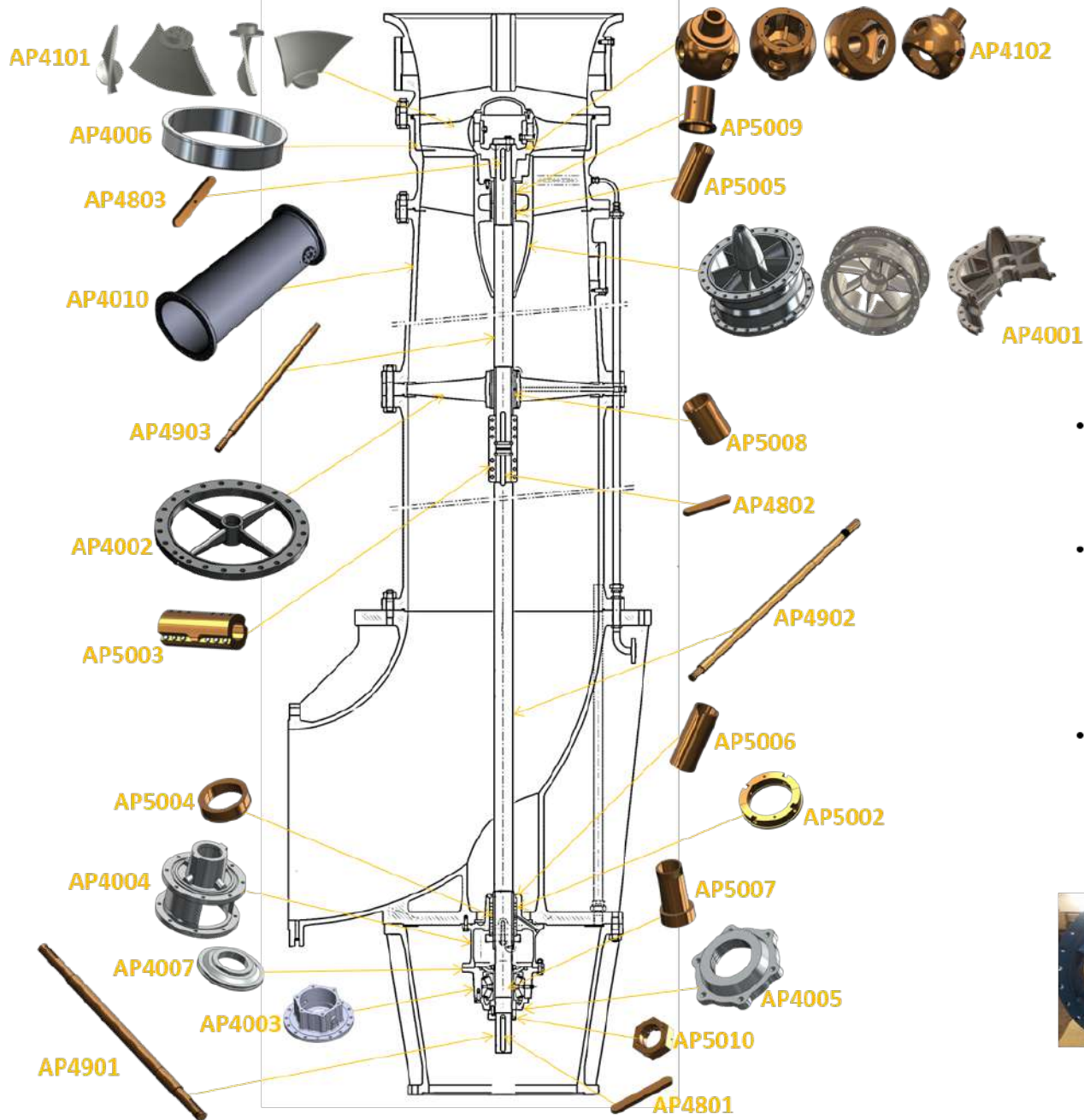


21X Ø 26.50 ± 85  
M30X3.5 - 6H ± 65



Part Code: SI3001	Material: CSNG So2		Client Info	Description
Scale: 1:12			 <b>SICON.</b>	Steel Shredders Ø89*35.5 cm
	Name	Date		
Requested by:	Eng. Mahmoud Azzu'bi	01 / 02 / 2018	Drawing Ref.	 <b>AZZU'BI</b> METAL CASTING
Drawing by:	Mostafa Aldamoni	05 / 02 / 2018		
Checked by:	Ghaith Azzu'bi	05 / 02 / 2018		
Approved by:	Eng. Mahmoud Azzu'bi	10 / 02 / 2018	Drawing Provided by Client.	
Notes:	Client Confirmed Installing all Parts Successfully and Project is now Operating in Australia		Drawing No: 01-SI3001	
			Unite: MMGS	





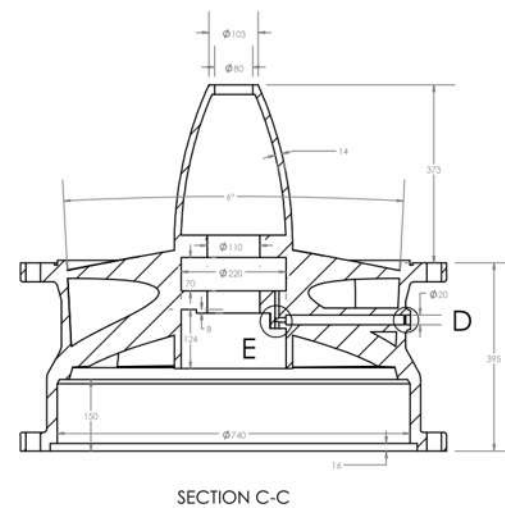
# PROJECT APC.



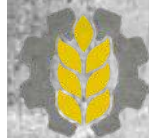
البوتاس العربية  
Arab Potash

- **Two pieces -AP4001-** delivered to client site at Ghour Al-Safi on the **12<sup>th</sup> of July 2018.**
- Client **confirmed installing all parts successfully** and the project is now operating in Arab Potash Company at Ghour Al-Safi site.
- Expected to manufacture reaming parts of the project by **2019.**

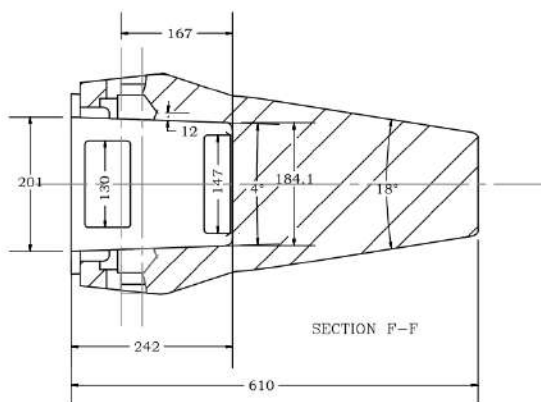
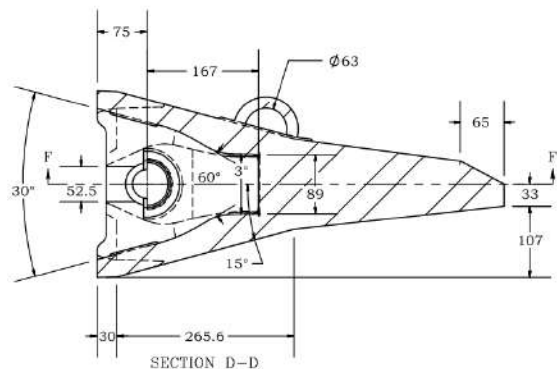
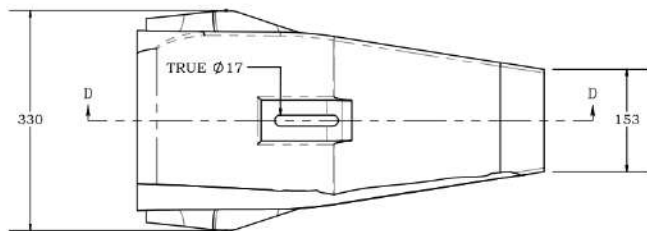




Part Code: AP4001	Material:  Ductile Ni4%		Client Info	Description  Diffuser Pump
Scale: 1:14			 البوتاس العربية Arab Potash	
	Name	Date	 <b>AZZU'BI</b> METAL CASTING	
Requested by: Sweidan Industrial Services		06 / 05 / 2018		
Drawing by: Mostafa Aldamoni		25 / 03 / 2018		
Checked by: Ghaith Azzu'bi		02 / 04 / 2018		
Approved by: Eng. Mohammed Azzu'bi		15 / 05 / 2018	Drawn from original part in client site at Ghour El Safi on 14/03/2018	
Notes: <ul style="list-style-type: none"><li>- Two parts delivered to client site on 12/07/2018.</li><li>- Client informed part installation/ all dimensions meet requirements.</li></ul>	Unite: MMGS		Drawing No: 01.AP4001	

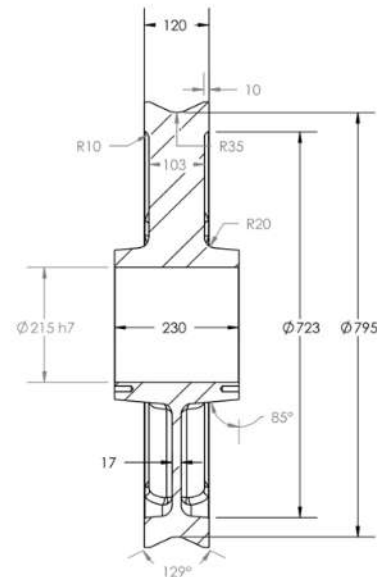
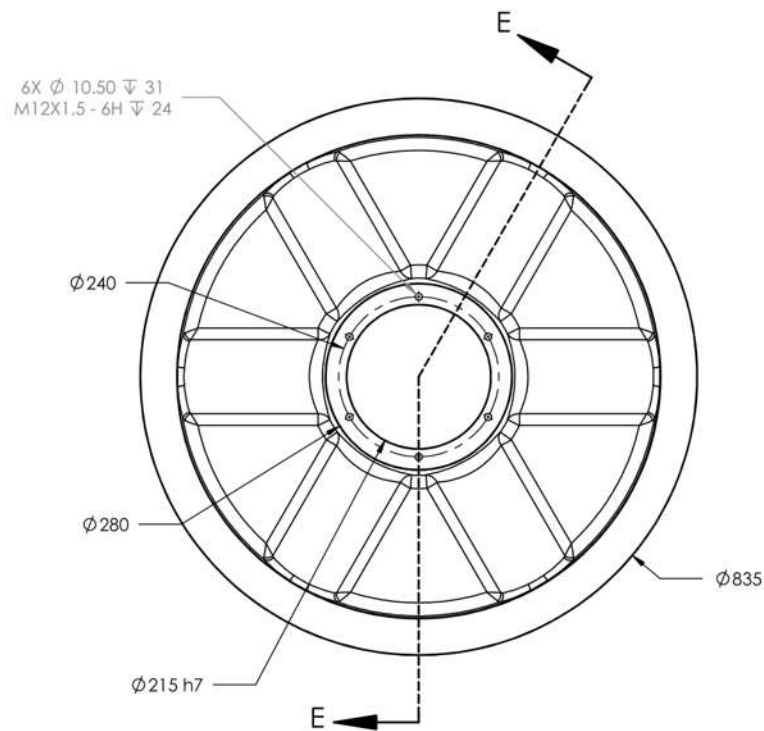








Part Code: AZZ0318	Material: AZ42C442		Client Info	Description
Scale: 1:5				Bucket Tooth Tip Point
	Name	Date		61*28*27 cm
Requested by:	Eng. Mahmoud Azzu'bi	15 / 02 / 2021		Equipment 6030
Drawing by:	Mostafa Aldamoni	17 / 02 / 2021	Drawing Ref.	
Checked by:	Ghaith Azzu'bi	17 / 02 / 2021	Samples Provided by Client.	
Approved by:		/ / 2021		
Notes:	Unite: MMGS	Drawing No: 01-AZZ0318		

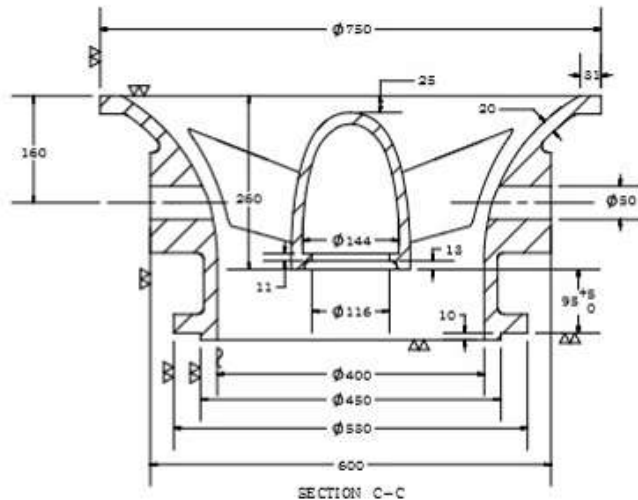
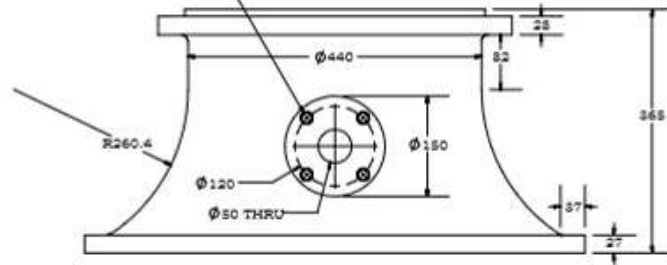




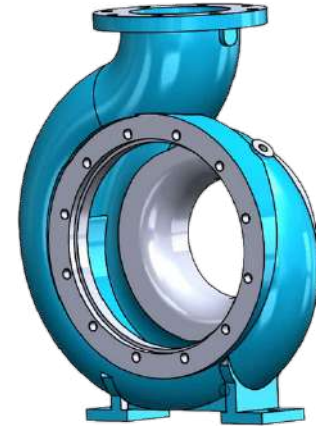
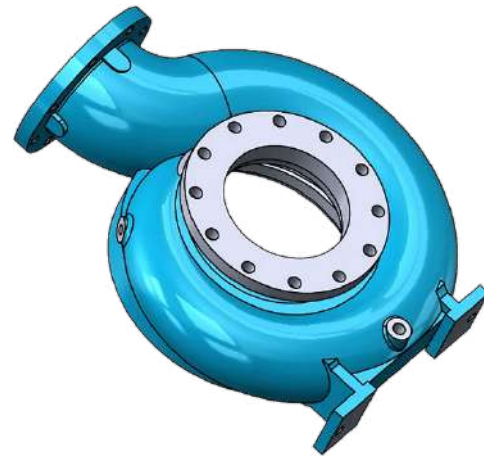
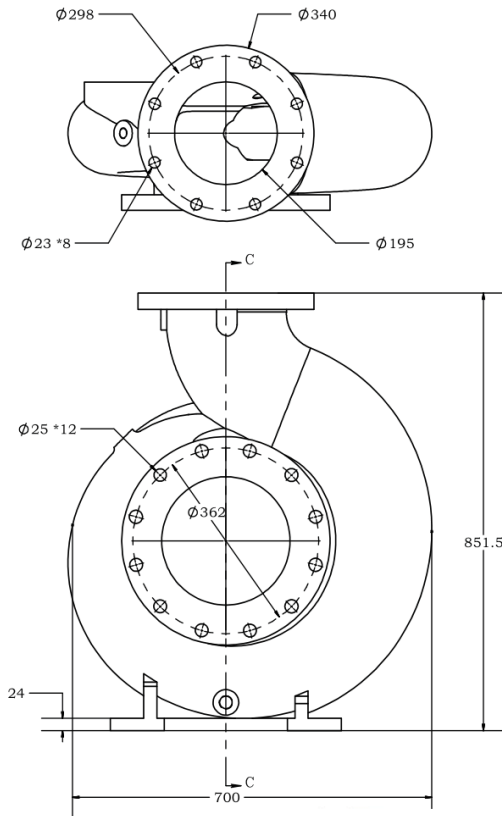
Part Code: AC0101	Material: 42CD4		Client Info	Description
Scale: 1:10			 إسمنت القطرانية Arabian Qatrania Cement	Wheel Drive ø835*230/120 mm ASSY OF RAKE WHEEL DIA.800 Part no. 13 Drg No/Rev MTI-S-021 0 Group no. 1009
	Name	Date		
Requested by:	Moath Azzu'bi	27 / 11 / 2018		
Drawing by:	Mostafa Aldamoni	28 / 11 / 2018		
Checked by:	Ghaith Azzu'bi	29 / 11 / 2018		
Approved by:	Moath Azzu'bi	12 / 12 / 2018	Drawing Ref.	 AZZU'BI METAL CASTING
Notes: The Design Was Approved by Client.	Unite: MMGS	Drawing No: 01-AC0101		





4X Ø 15.5  $\nabla$  36  
3M18X2.5 - 6H  $\nabla$  28.5  
Ø 18.05 X 90°, NEAR SIDE

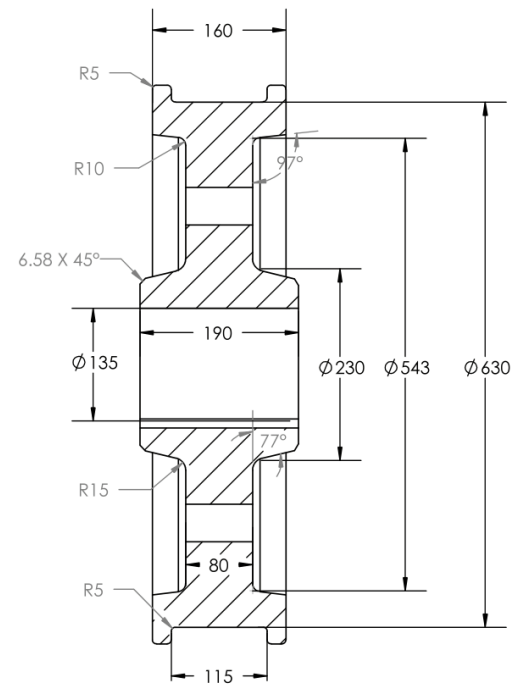
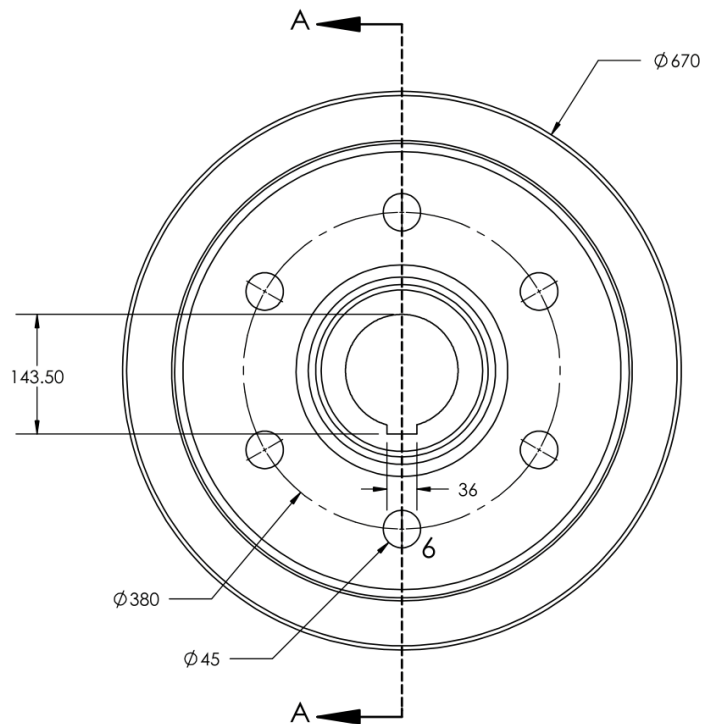


Part Code: JBC0101	Material: Ductile-Ni4%		Client Info	Description
Scale: 1:10			 Jordan Broomie Company Limited	Bellmouth Ø750 / Ø530 * 365 mm
	Name	Date		
Requested by:	Eng. Mahmoud Azzu'bi	02 / 12 / 2019	Drawing Ref.	 AZZU'BI METAL CASTING
Drawing by:	Mostafa Aldamoni	02 / 12 / 2019		
Checked by:	Ghaith Azzu'bi	03 / 12 / 2019	Samples Provided by Client.	
Approved by:		/ / 2019		
Notes:	Unite: MMGS		Drawing No: 02-JBC0101	



Part Code: AZZ9004	Material: Ductile Ni4%		Client Info	Description
Scale: 1:5			 Jordan Bromine Company Limited	Cooling Tower Casing Pump 851.5 * 700 * 233 mm
Weight: 165 kg	Name	Date		
Requested by:	Eng. Mahmoud Azzu'bi	21 / 01 / 2020	Drawing Ref.  Samples Provided by Client.	 AZZU'BI METAL CASTING
Drawing by:	Mostafa Aldamoni	22 / 01 / 2020		
Checked by:	Ghaith Azzu'bi	22 / 01 / 2020		
Approved by:	Ghaith Azzu'bi	06 / 05 / 2020		
Notes: Part delivered on the 11th of May 2020		Unite: MMGS	Drawing No: 01-AZZ9004	

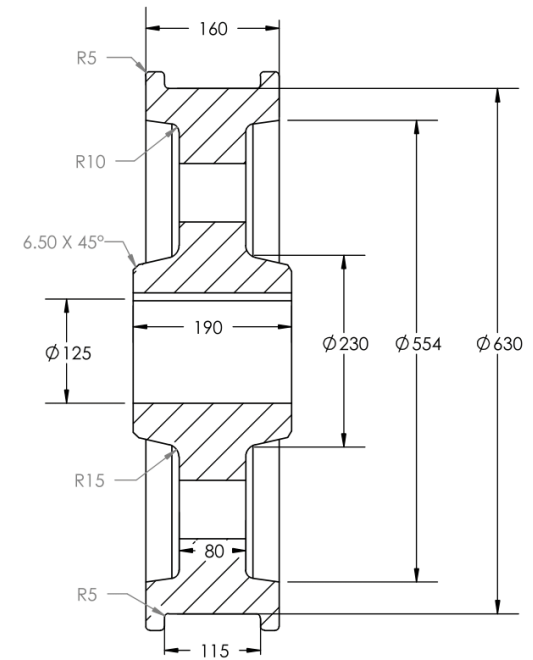
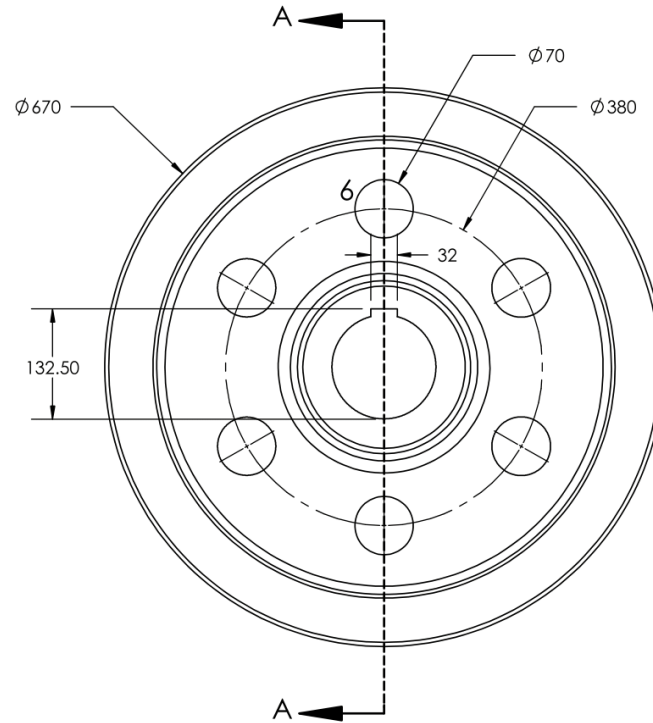




SECTION A-A



Part Code: RJ0102	Material: Ductile GGG60		Client Info	Description
Scale: 1:8				Wheel Drive for Additive & corrective Staker CBD - 600/20
Weight: 235 kg	Name	Date		
Requested by: Moath Azzu'bi		30 / 03 / 2018	Drawing Ref.  CBD-1250/24 Pos.5	
Drawing by: Mostafa Aldamoni		01 / 04 / 2018		
Checked by: Ghaith Azzu'bi		01 / 04 / 2018		
Approved by: Eng. Mohammad Azzu'bi		05 / 04 / 2018		
Notes: Client confirmed installation on April,2017. Feedback: Client assured part efficiency with higher working hours compared with previous installed part.	Unite: MMGS		Drawing No: 01-RJ0104	

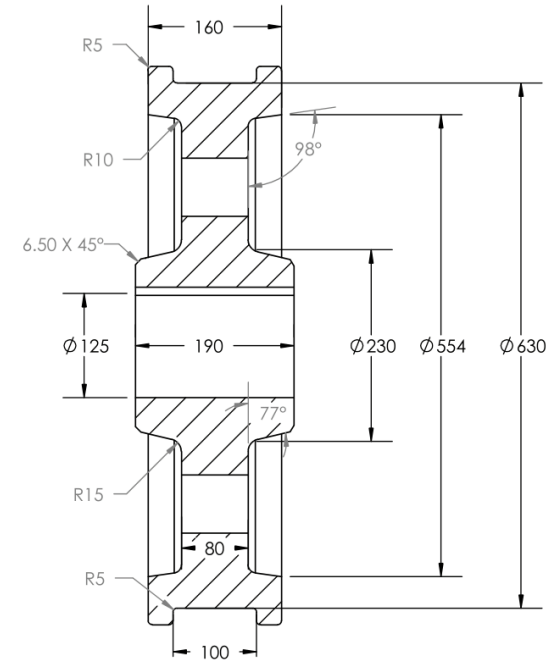
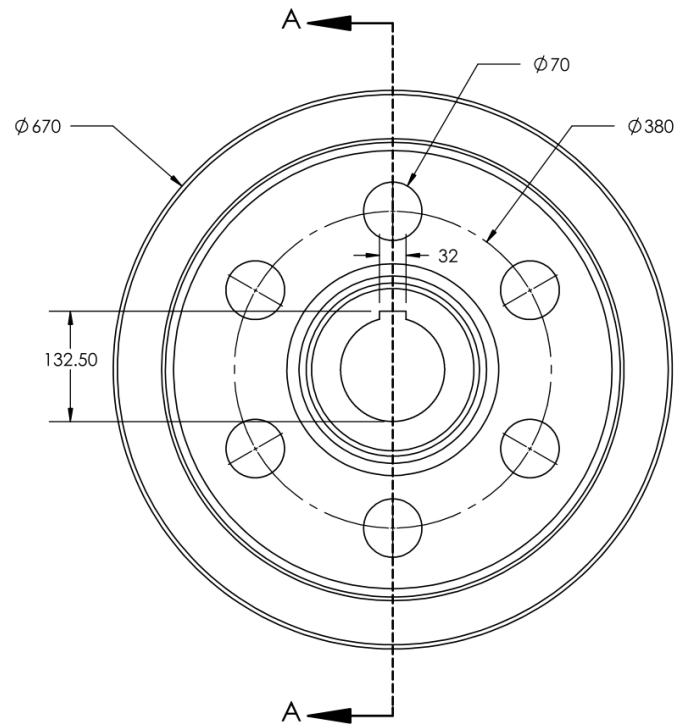


SECTION A-A




Part Code: RJ0103	Material: Ductile GGG60		Client Info	Description
Scale: 1:8				Wheel Drive for Additive & correlative Staker CBD - 600/20
Weight: estimated 232 kg	Name	Date		
Requested by: Moath Azzu'bi		30 / 03 / 2018	Drawing Ref.	
Drawing by: Mostafa Aldamoni		01 / 04 / 2018		
Checked by: Ghaith Azzu'bi		01 / 04 / 2018	CBD-1250/24 Pos.5	
Approved by: Eng. Mohammad Azzu'bi		05 / 04 / 2018		
Notes: Client confirmed installation on April,2017. Feedback: Client assured part efficiency with higher working hours compared with previous installed part.	Unite: MMGS		Drawing No: 01-RJ0103	

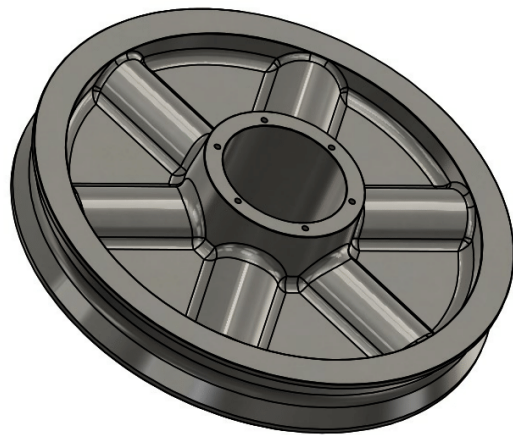




SECTION A-A



Part Code: RJ0104	Material: Ductile GGG60		Client Info	Description
Scale: 1:8				Wheel Drive for Additive & corrective Staker CBD - 600/20
Weight: estimated 236 kg	Name	Date		
Requested by: Moath Azzu'bi		30 / 03 / 2018		
Drawing by: Mostafa Aldamoni		01 / 04 / 2018	Drawing Ref.	
Checked by: Ghaith Azzu'bi		01 / 04 / 2018	CBD-1250/24 Pos.5	
Approved by: Eng. Mohammad Azzu'bi		05 / 04 / 2018		
Notes: Client confirmed installation on April, 2017. Feedback: Client assured part efficiency with higher working hours compared with previous installed part.	Unite: MMGS		Drawing No: 01-RJ0104	



6X Ø 10.50 ± 0.31  
M12X1.5 - 6H ± 0.24

Ø 240

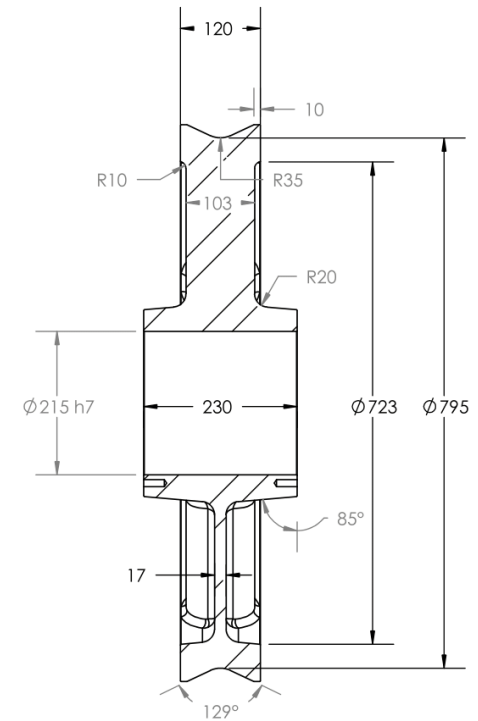
Ø 280

Ø 215 h7



Ø 835

E

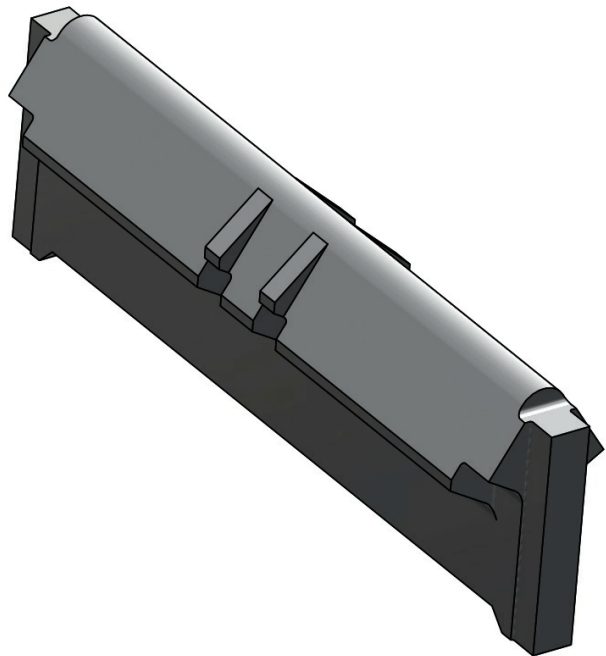
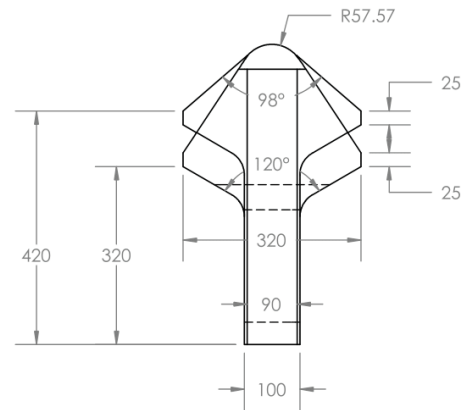
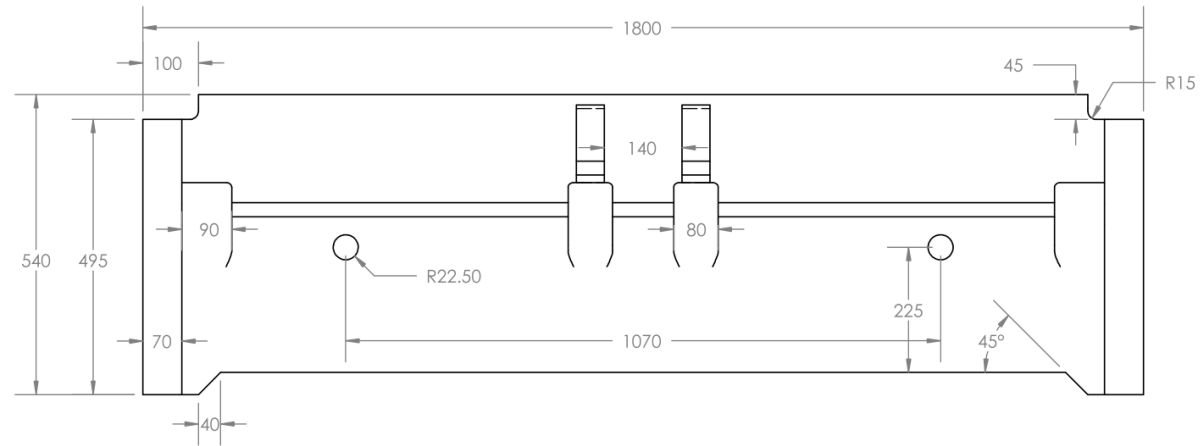
E





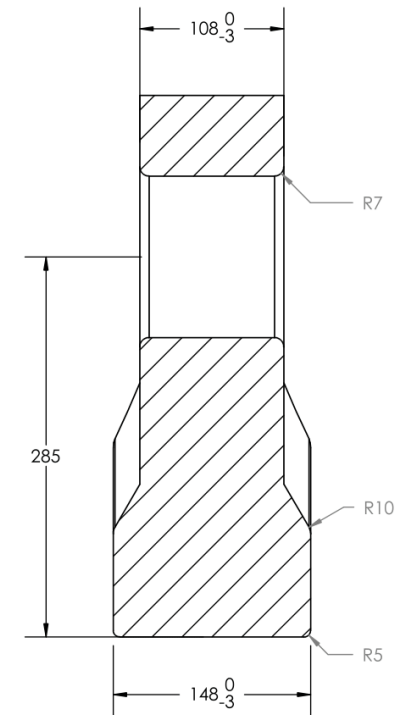
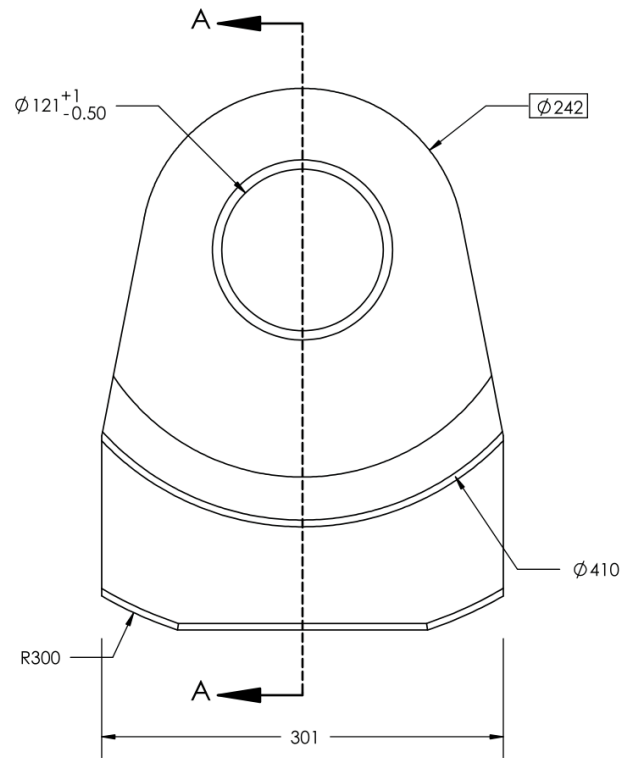
SECTION E-E

Part Code: AC0101	Material: 42CD4		Client Info	Description
Scale: 1:10			 إسمنت القطرانية Arabian Qatrania Cement	Wheel Drive ø835*230/120 mm ASSY OF RAKE WHEEL DIA.800 Part no. 13 Drg No/Rev MTI-S-021 0 Group no. 1009
Weight: estimated 288 kg	Name	Date		
Requested by: Moath Azzu'bi		27 / 11 / 2018		
Drawing by: Mostafa Aldamoni		28 / 11 / 2018		
Checked by: Ghaith Azzu'bi		29 / 11 / 2018	Drawing Ref.	
Approved by: Moath Azzu'bi		12 / 12 / 2018	Samples Provided by Client.	
Notes: The Design Was Approved by Client.	Unite: MMGS	Drawing No: 01-AC0101		

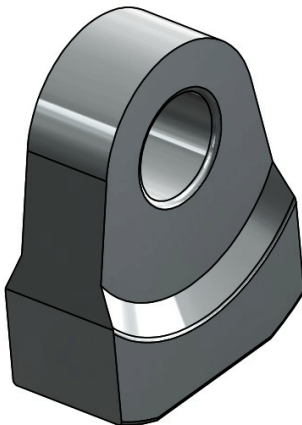






Part Code: RJ0301	Material: GS-Steel		Client Info	Description
Scale: 1:12				ANVIL FOR HAMMER CRUSHER HDS 1600X1760 HAZEMAG & EPR GMBH
Weight: 1028 kg	Name	Date		
Requested by:	Moath Azzu'bi	10 / 09 / 2017	Drawing Ref.	
Drawing by:	Mostafa Aldamoni	20 / 03 / 2017		
Checked by:	Ghaith Azzu'bi	24 / 03 / 2017		
Approved by:	Eng. Mahmoud Azzu'bi	13 / 09 / 2017		
Notes:	Part delivered on 20/11/2017		Drawing No: 01-SWR0301	
		Unite: MMGS		

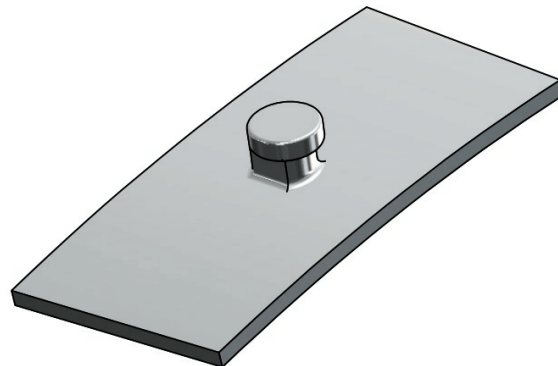
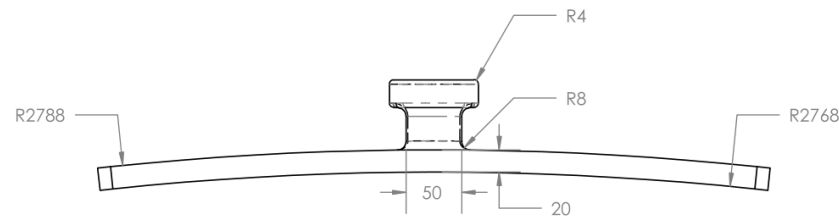
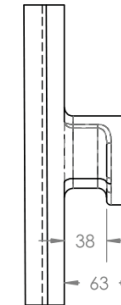
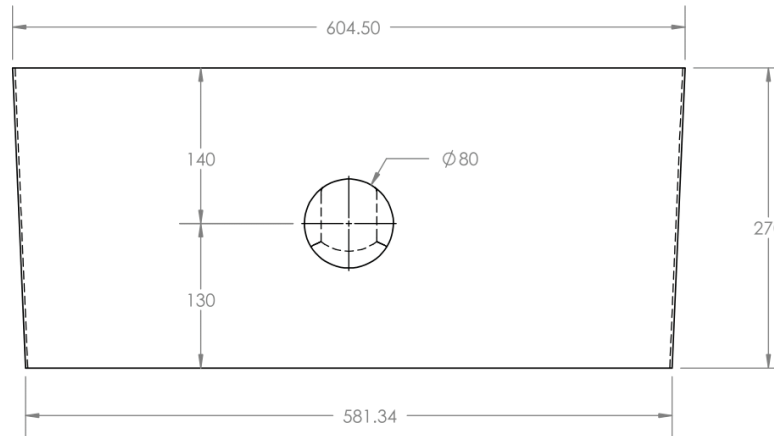




SECTION A-A

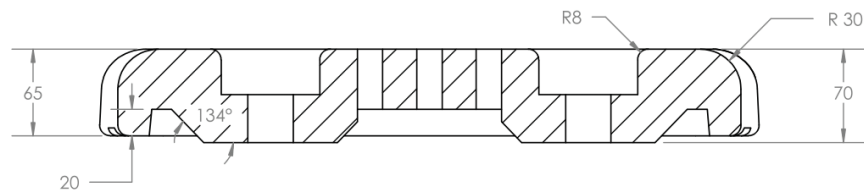
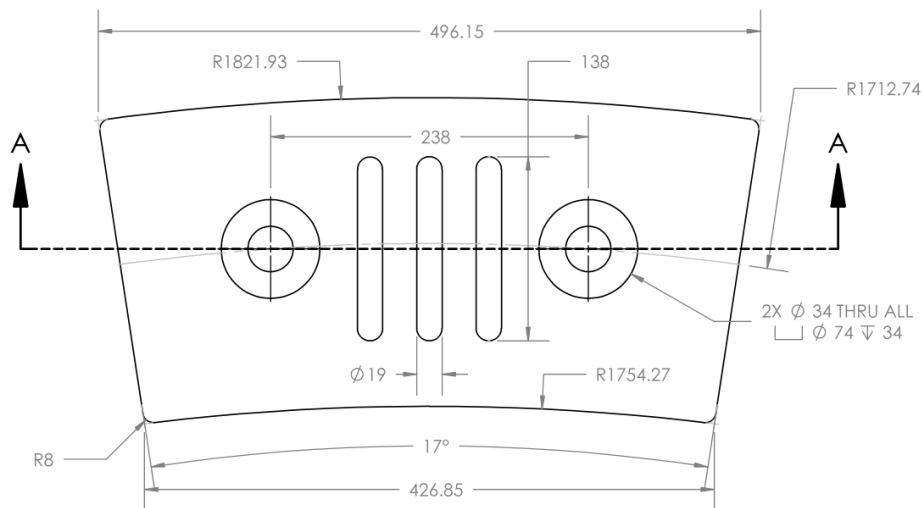
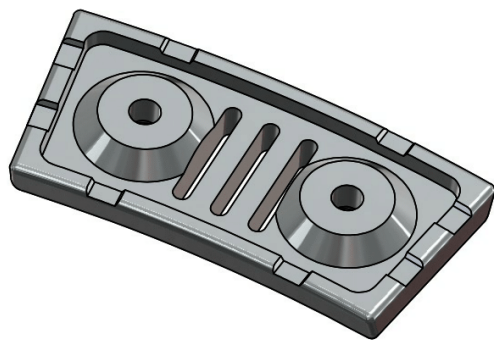


Part Code:	RJ0302	Material:  25CrNiMo4		Client Info	Description
Scale:	1:5			 <small>ARC AL RAJHI CONCRETE - JORDANIA ©2018 All rights reserved</small>	HAMMER 300X421X148X108 FOR HAMMER CRUSHER HDS 1600X1760 HAZEMAG & EPR GMBH
Weight:	87 kg	Name	Date		
Requested by:	Moath Azzu'bi		10 / 09 / 2017		
Drawing by:	Mostafa Aldamoni		20 / 03 / 2017	Drawing Ref.	 <b>AZZU'BI</b> METAL CASTING
Checked by:	Ghaith Azzu'bi		24 / 03 / 2017	Samples Provided by Client.	
Approved by:	Eng. Mahmoud Azzu'bi		13 / 09 / 2017		
Notes:	Part delivered on 20/11/2017		Unite: MMGS	Drawing No: 01-RJ0302	







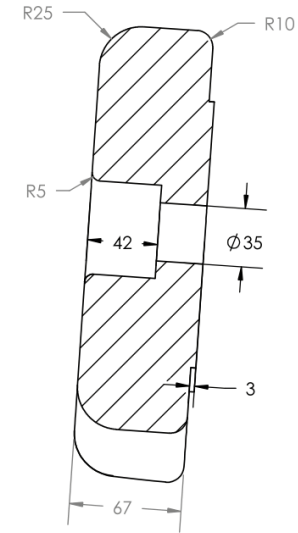
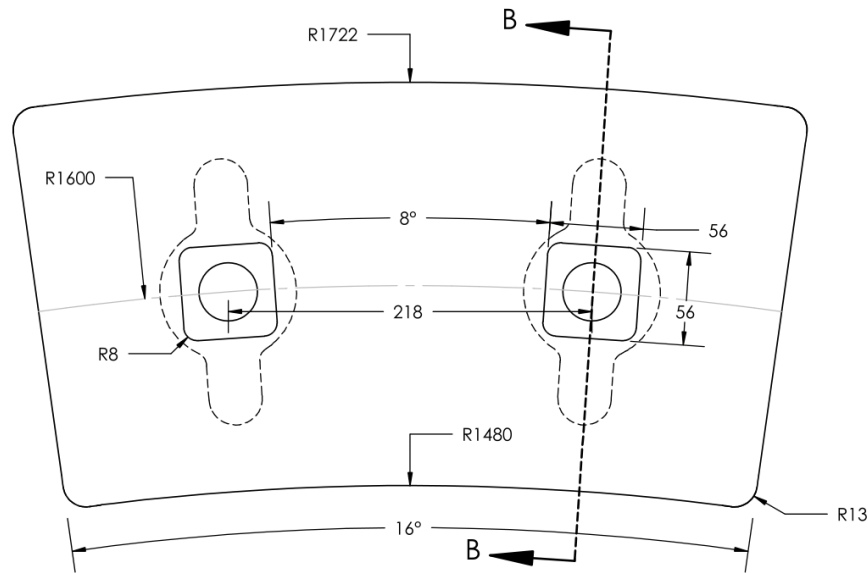
Part Code: RJ0101	Material: GS 52C30		Client Info	Description
Scale: 1:6				LINING FOR AIR GUID CONE FOR RAW MILL 604.5*20 mm
Weight: 26.5 KG	Name	Date		
Requested by:	Moath Azzu'bi	12 / 06 / 2017	Drawing Ref.  Drawing Provided by Client.	
Drawing by:	Mostafa Aldamoni	07 / 03 / 2017		
Checked by:	Ghaith Azzu'bi	12 / 03 / 2017		
Approved by:	Eng. Mahmoud Azzu'bi	12 / 06 / 2017	Drawing No:	
Notes:	Part delivered on 11/07/2017	Unite: MMGS	01-RJ0101	



SECTION A-A



Part Code: RJ0509	Material: GS-Steel		Client Info	Description
Scale: 1:5				Plate medium Circle for C/M
Weight: 38 kg	Name	Date		
Requested by:	Moath Azzu'bi	17 / 12 / 2018		
Drawing by:	Mostafa Aldamoni	18 / 12 / 2018		
Checked by:	Ghaith Azzu'bi	18 / 12 / 2018		
Approved by:	Eng. Mahmoud Azzu'bi	20 / 12 / 2018		
Notes: Product available in manufacturing cycle		Unite: MMGS	Drawing No: 01-RJ0509	

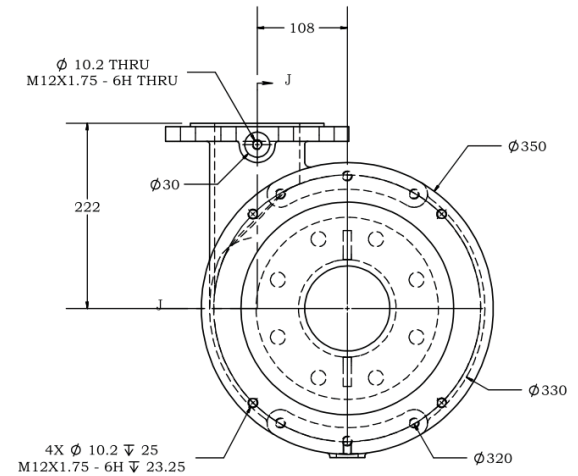
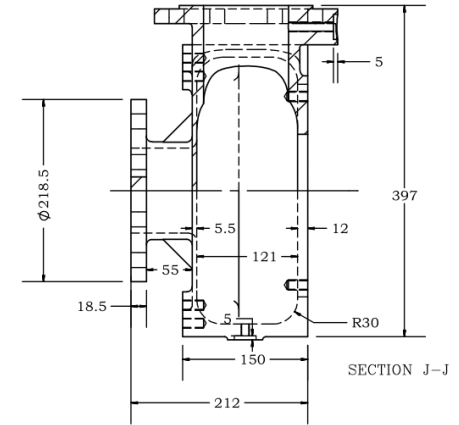
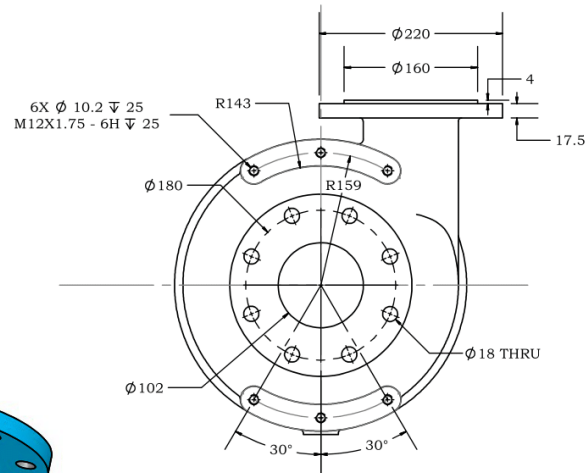
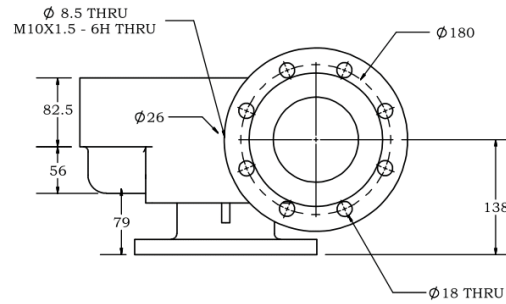
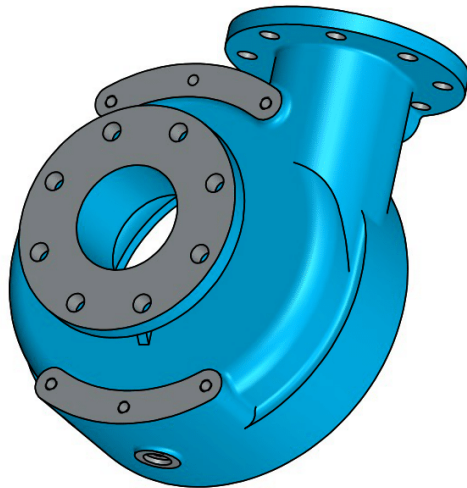
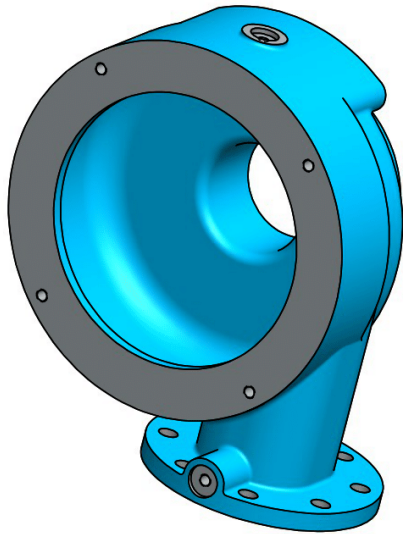






SECTION B-B

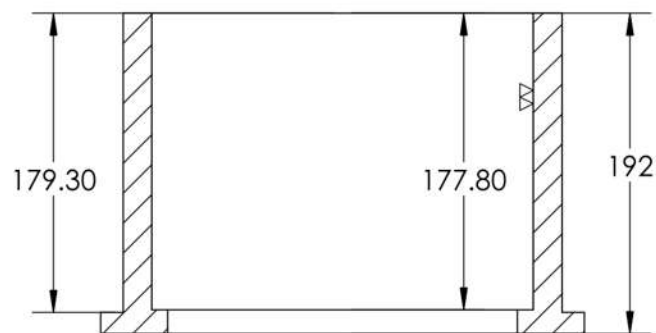
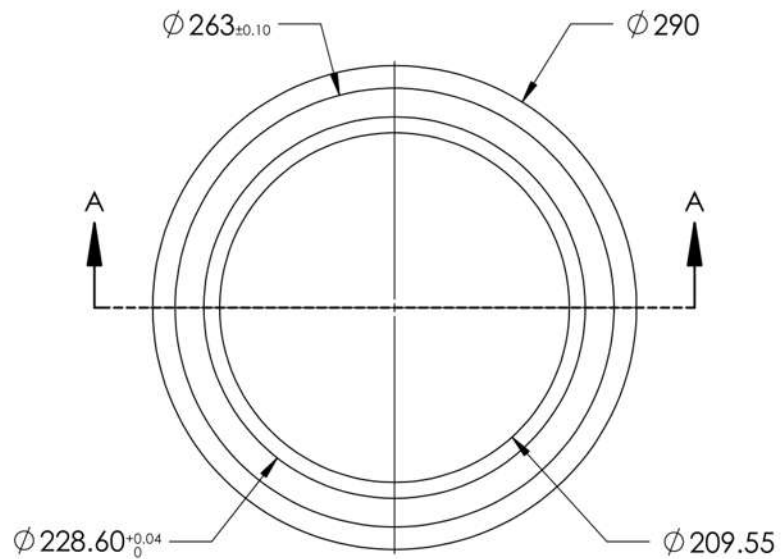


Part Code: RJ0506	Material: GS-Steel		Client Info	Description
Scale: 1:4				LINER IN FEED END THIRD MEDIUM FOR CEMENT MILL ROTARY PART
Weight: 54 kg	Name	Date		
Requested by:	Moath Azzu'bi	09 / 01 / 2018	Drawing Ref.	
Drawing by:	Mostafa Aldamoni	06 / 12 / 2017		
Checked by:	Ghaith Azzu'bi	06 / 12 / 2017		
Approved by:	Eng. Mahmoud Azzu'bi	10 / 01 / 2018		
Notes: Part delivered on 18/02/2018	Unite: MMGS		Drawing No: 01-RJ0506	



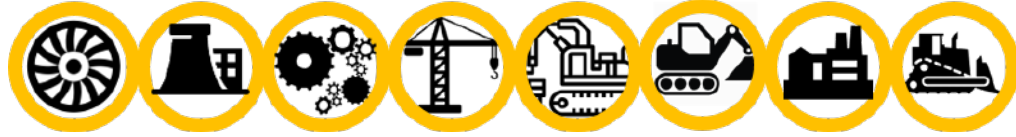
Part Code: AZZ9005	Material: Ductile GGG		Client Info	Description
Scale: 1:8				Casing Pump 397 * Ø350 * 212 mm
	Name	Date		
Requested by:	Eng. Mahmoud Azzu'bi	15 / 11 / 2020		
Drawing by:	Mostafa Aldamoni	16 / 11 / 2020		
Checked by:	Ghaith Azzu'bi	17 / 11 / 2020		
Approved by:		/ / 2020		
Notes:	Unite: MMGS	Drawing No: 01-AZZ9005		





SECTION A-A

Part Code: AP5001	Material: Inconel		Client Info	Description
Scale: 1:4			 البوتاس العربية Arab Potash	Sleeves for Booster Pump Ø29*19.2 cm
Weight:	Name	Date		
Requested by: Eng. Mohammad Al-Soub		01 / 07 / 2018	Drawing Ref.	 AZZU'BI METAL CASTING
Drawing by: Mostafa Aldamoni		02 / 07 / 2018		
Checked by: Ghaith Azzu'bi		02 / 07 / 2018	MT.0000-A3	
Approved by:		/ / 2018	Drawing No: 01.AP5001	
Notes: Awaiting client to provide us with Inconel material.	Unite: MMGS			



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