Screw auger - stainless screw rotor double threaded with large pitch - 36410

Specifications

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•Manufactured in 1.4307/AISI-304L
•All weldings 2x100% made with TIG-welding
•Acid pickled after welding
•After manufactured packed into a wooden frame, ready for truck transport
Check the pictures to see the different stages of the production process. The screw flights are carefully mounted to the inner tube, which has a high outer-/inner diameter ration. After mounting the screw flights, the auger is 100% TIG-welded. Check the pictures to see the quality of the weldings. The screw rotor is an example of great craftsmanship. This type of product require skilled craftsmen with years of experience to obtain a good and accepted product.

Additional Information:

Applied steel in product:	Stainless steel
Product type:	Screw rotor
Surface treatment:	Stainless steel – acid pickled
Transported material:	Food ingredients

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Short Description

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This screw auger is a great example on BEMA's capabilities to manufacture complicated screw rotors. This screw rotor require all our skills to manufacture a product satisfying the customer needs:
•Large diameter to a relative small inner diameter
•Large pitch compared to the outer diameter (ratio about 1,2)
•Double threaded flights
Look on the pictures and see how we are able to make the screw flights fit. Learn more about screw rotors from BEMA.
When manufacturing such type of screw augers it is necessary to have a close cooperation between the people who manufacture the screw flights and the black smith who are mounting and welding them to the shaft. The double thread require that the screw flights are manufactured with a precise pitch in order to get an acceptable result of the auger.

What is important if you want us to manufacture an auger?

1. Give us a drawing with all needed measurements
2. Be prepared to receive our production drawing which might differ from your auger drawing. We do not expect you to be an expert in auger manufacturing
3. When we have agreed upon the details in our drawing revise your own drawing. We will keep all information in your item no., but it is important for you that there is a correspondance of your drawing and our drawing of the auger. Specially if you have a quality department who check upon the drawing you have created of the auger.