



Ribbon screw flight - 36671



Specifications

Cylindrical ribbon screw flights

1. Material: Manufactured in 1.4301/AISI-304
2. The ribbons are designed to fit precisely to the screw shaft

Additional Information:

Product type:	Screw flight
Applied steel in product:	Stainless steel
Industry:	Food industry
Transported material:	Bulk material, Food ingredients



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Short Description

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Screw flight manufactured in 1.4301 stainless steel. Unlike traditional sectional flights, ribbon flight has a larger inner diameter and a narrower web. The cross-section of ribbon flight remains consistent from the outer diameter to the inner diameter.

Ribbon flights are also used in agitators and blenders, because the material will flow around the screw blade, when the filling in the machine is increased.

What is the purpose to use ribbon flights?

- Ribbon screw flights are designed to handle sticky or viscous materials effectively due to their unique flight design

- The "holes" between the inner diameter and the outer diameter gives the bulk material the possibility to be transported without being in contact with the screw shaft

Solutions with ribbon screw flights are often seen when transporting food material during the manufacturing processes. A screw conveyor for transporting food material is a well known solution. The main advantage is that you can make all material in contact with the bulk in stainless steel.

Designing ribbon flights require engineering capabilities to:

- ensure that the flight blank ends up in a screw flight easy to mount on the screw shaft

In this case we have indicated the mounting on the screw shaft. Working with this type of screw flights can be a slowly process. Check the time you spend in the work shop. If the screw flight has a proper design and has been pressed well the working time is not longer compared to standard cylindrical screw flights.

BEMA offers screw flights that are easy to mount and weld afterwards. Since we are manufacturing screw augers by ourself, we know the importance to reduce the total time for manufacturing the complete product.

See another example of ribbon screw flights here: