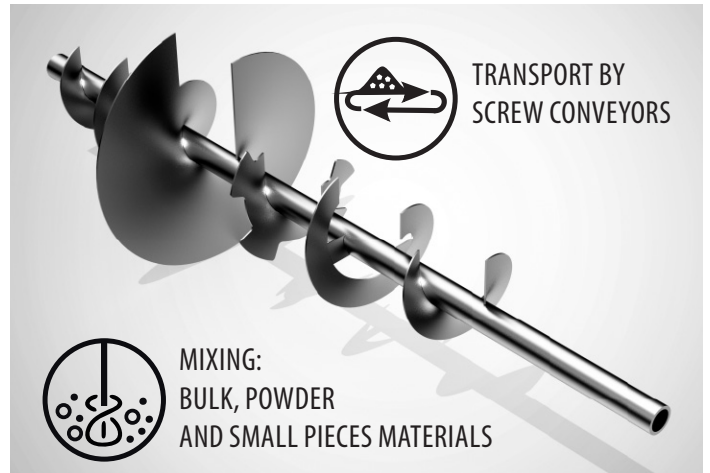
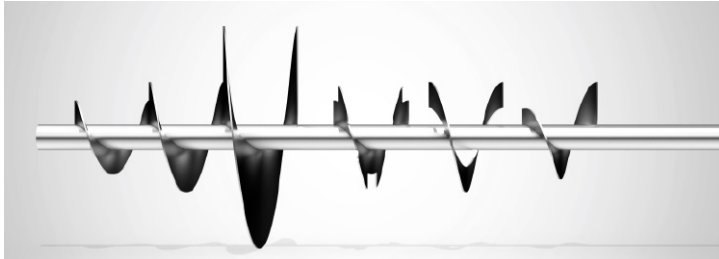


FEATHERS FOR SCREW CONVEYORS

We are a direct manufacturer of blades for screw conveyors, which are used to carry, mix, transport and dose elements such as: cement, sand, gravel, dust, grain, fodder, sludge, granulates. Our products meet high quality standards and ensure trouble-free operation of screw conveyors for a long time.

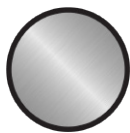


The specification of produced feathers and their coils depends, among others, on the purpose of the screw feeder, the type of transported medium, the diameter of the screw feeder shaft, and the housing of the screw conveyor itself. We sell our worm blades: as single segments with a given stroke length, thanks to which the material thickness is the same along the entire height of the blade, or as ready-made elements welded onto the shaft. If you want to get a spiral or a shaftless screw, you just need to connect the individual coils and weld them together.

MANUFACTURE MATERIAL:



CARBON
STEEL



STAINLESS /
ACID RESISTANT
STEEL



STAINLESS /
HEAT RESISTANT
STEEL



HARDOX STEEL /
ABRASIVE STEEL



PAINTING /
POWDER
COATING



ZINK
GALVANIZING

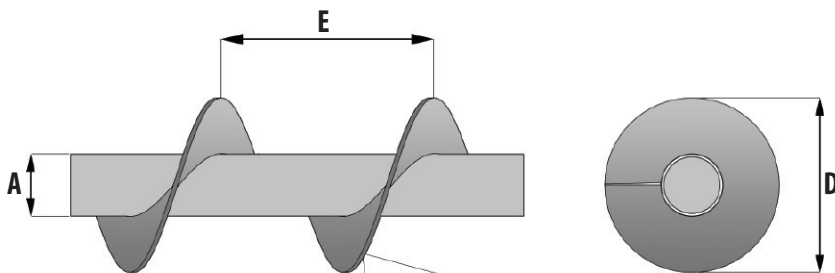


FABRICATION
OF THE ABRASION
RESISTANT LAYER

FINISHING TYPES:

Also, the replacement of worn coils is easier - just give us the necessary parameters, such as: external diameter of the blade, pitch, internal diameter of the blade and we will efficiently and quickly produce the number of screw segments indicated for replacement.

GENERAL CHARACTERISTICS OF FEATHERS:



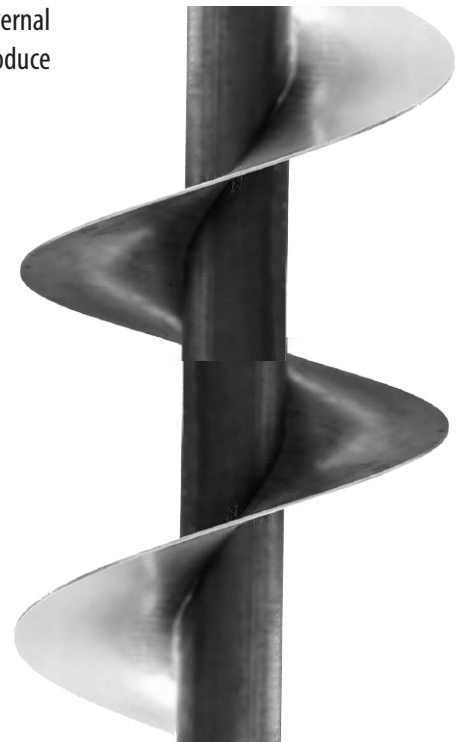
DESIGNATIONS MEANING:

Outside diameter: **D**

Inside diameter: **A**

Thickness of the material: **S**

Feather pitch: **no greater than outer diameter**

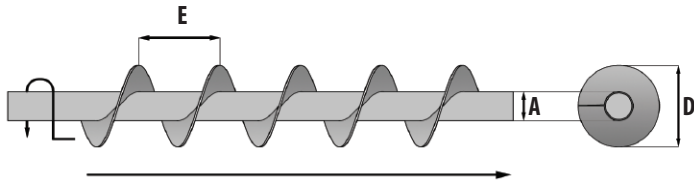


4INDUSTRY

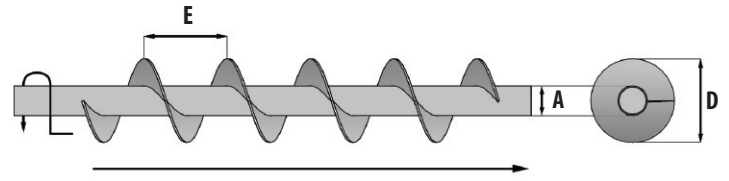
FEATHERS FOR SCREW CONVEYORS

FEATHER DIRECTION:

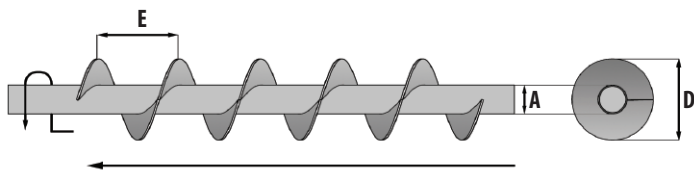
Left handed (sinistral) / clockwise rotation



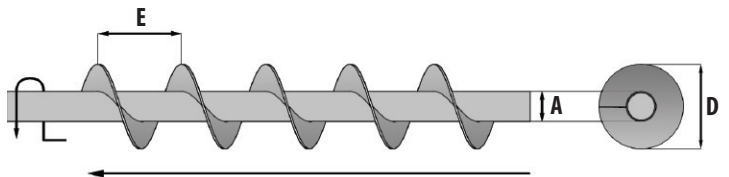
Right-handed / clockwise rotation



Left-handed / counter-clockwise rotation



Right-handed / counter-clockwise rotation



4INDUSTRY

4INDUSTRY

TRANSPORT BY SCREW CONVEYORS

MIXING: BULK, POWDER AND SMALL PIECES MATERIALS

INDUSTRY TYPES WHERE SCREW CONVEYORS FEATHERS ARE USED:



CEMENT & LIME



CHEMICAL / PETROCHEMICAL



ENERGETIC FUEL



BUILDINGS AND ROAD CONSTRUCTION



METALLURGY & GLASSWORKING



FOOD & AGRICULTURE



CELLULOSE & PAPER



ENVIRONMENT PROTECTION



LIME & GYPSUM



MINING & AGGREGATE

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4INDUSTRY

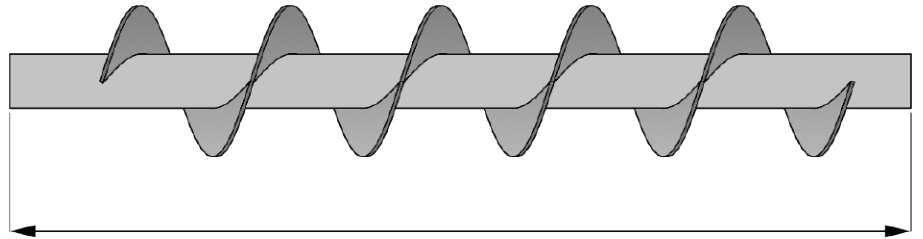
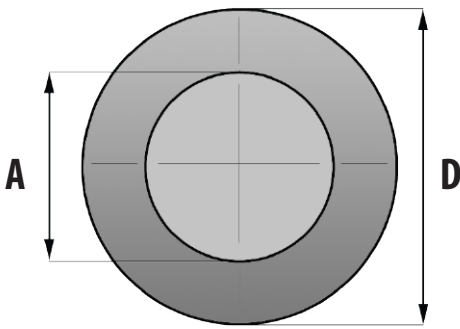
DEPENDENCIES BETWEEN OUTER DIAMETER, INSIDE DIAMETER AND SCREW LENGTH:

OUTER DIAMETER OF FEATHER (D): 100 - 630 mm

INNER DIAMETER OF FEATHER (A): 50,00 - 600,00 mm

FEATHER TARGET LENGTH:

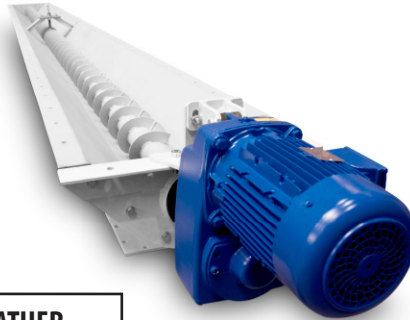
is determined by the Customer,
we are able to produce screws up to 100 meters long



MEDIUM TEMP
UP TO +1200 °C

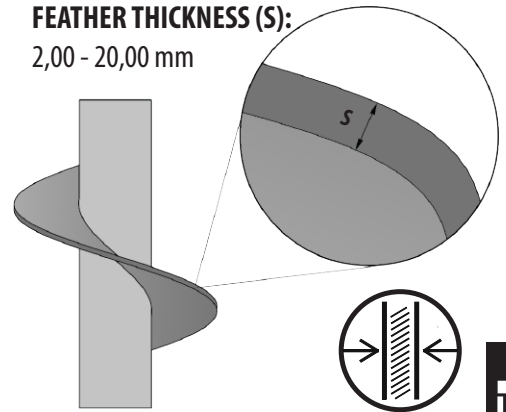


EASY
INSTALLATION



FEATHER THICKNESS (S):

2,00 - 20,00 mm



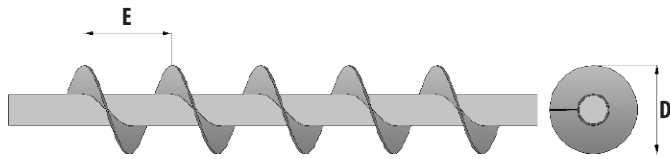
OUTER DIAMETER (D)	INNER DIAMETER (A)	FEATHER STROKE (E)
100 mm	50 - 70 mm	30 - 100 mm
125 mm	50 - 100 mm	30 - 125 mm
150 mm	60 - 125 mm	50 - 150 mm
175 mm	60 - 150 mm	50 - 175 mm
200 mm	60 - 175 mm	50 - 175 mm
225 mm	60 - 200 mm	75 - 225 mm
250 mm	60 - 225 mm	75 - 250 mm
275 mm	60 - 250 mm	75 - 275 mm
300 mm	60 - 275 mm	75 - 300 mm
350 mm	60 - 300 mm	100 - 350 mm
400 mm	60 - 350 mm	100 - 400 mm
450 mm	75 - 400 mm	125 - 450 mm
500 mm	75 - 450 mm	125 - 500 mm
550 mm	80 - 500 mm	125 - 550 mm
600 mm	90 - 550 mm	150 - 600 mm
630 mm	100 - 600 mm	150 - 630 mm



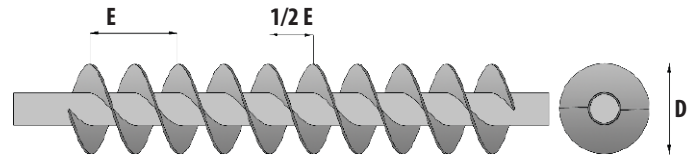
4INDUSTRY

FEATHER TYPES:

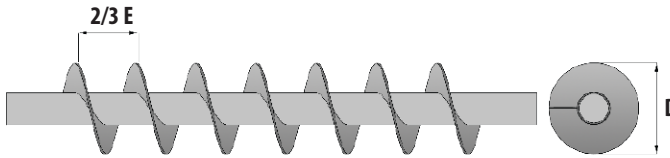
Standard version



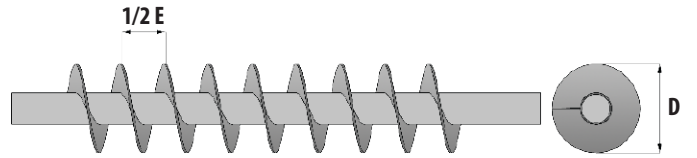
Double version



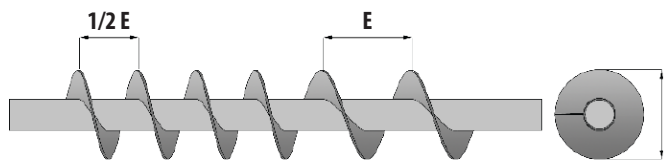
Condensed stroke



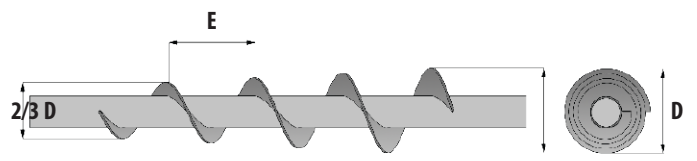
More condensed stroke



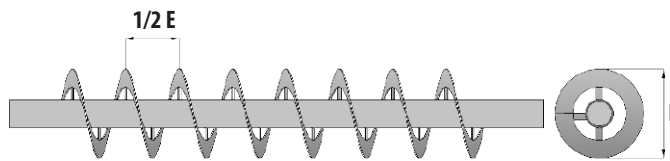
Increasing stroke



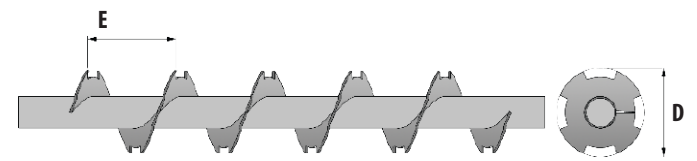
Tapering feather diameter



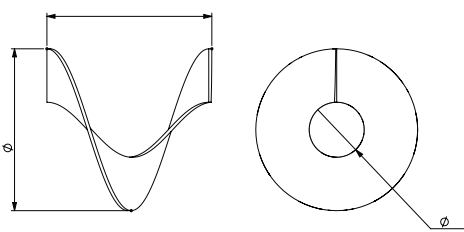
Feather cut from the inside



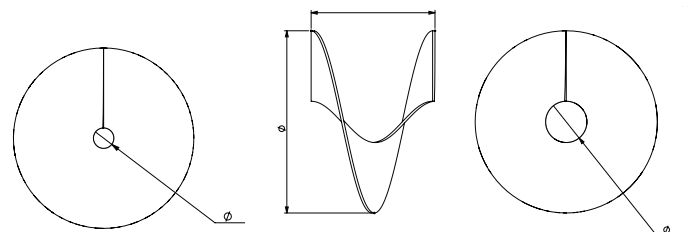
Blade with notches for mixing raw material / cut from the outside



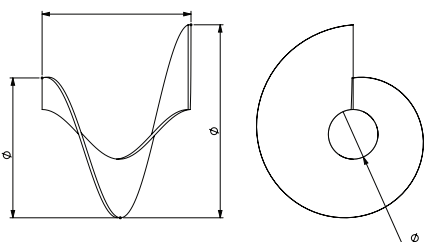
Standard version - different internal and external diameters



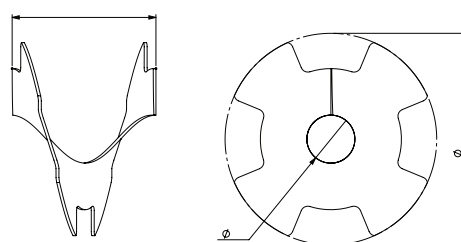
Condensed stroke



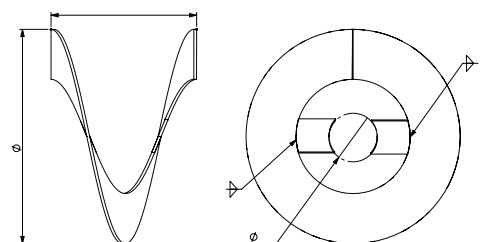
Tapering feather diameter



Blade with notches for mixing raw material / cut from the outside

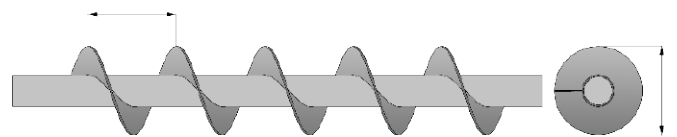
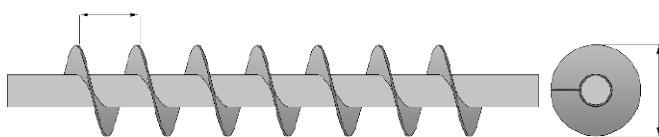
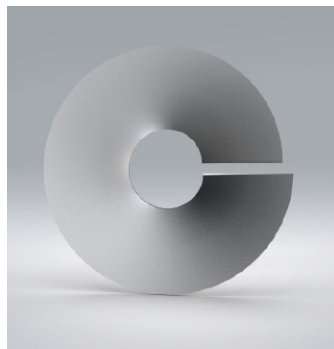
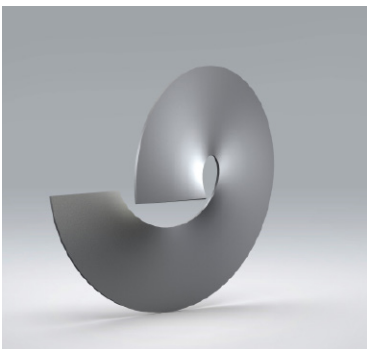
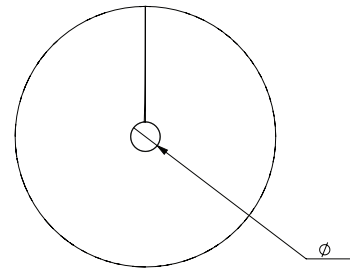
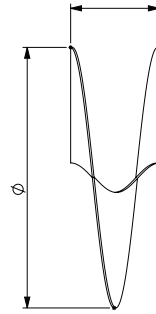
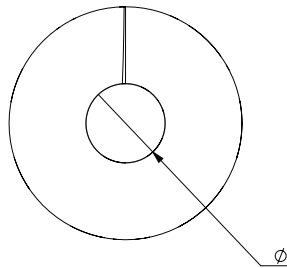
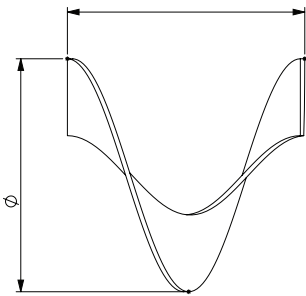
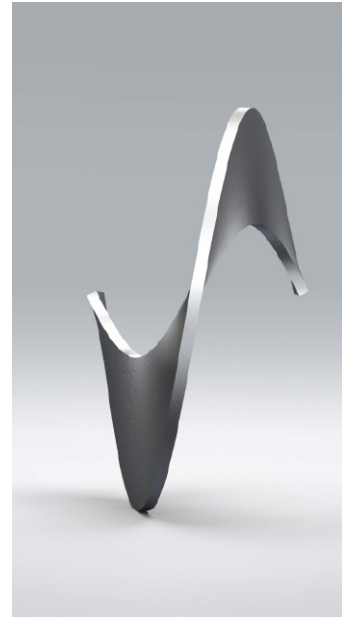
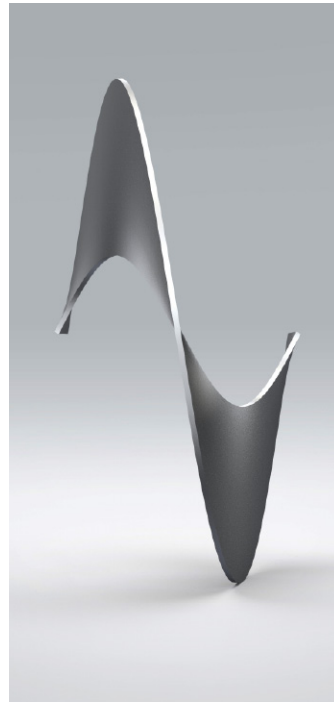
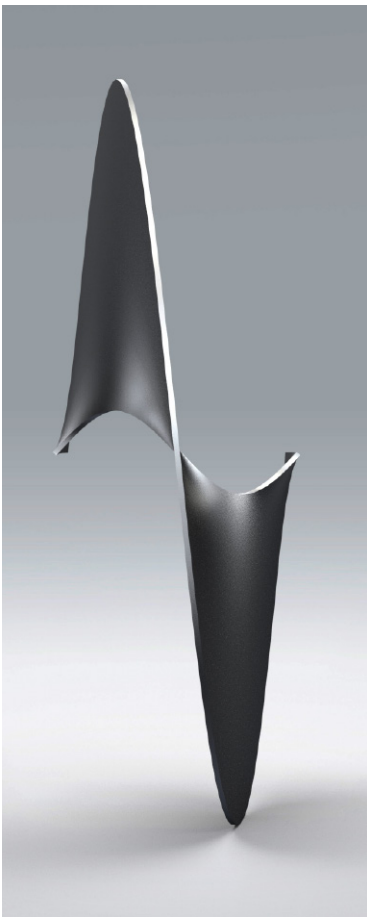


Feather cut from the inside



FEATHERS FOR SCREW CONVEYORS

STANDARD VERSION DIFFERENT SIZES AND DIAMETERS /
CONDENSED STROKE

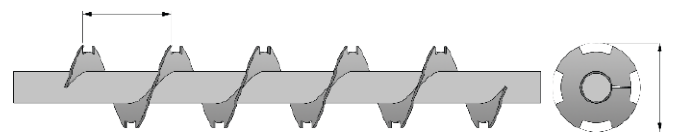
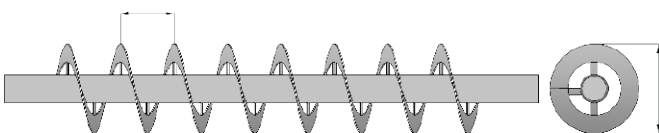
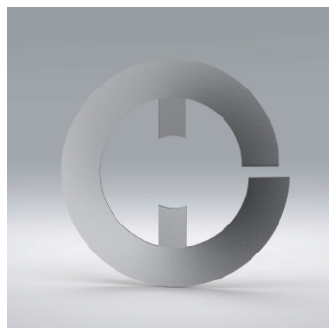
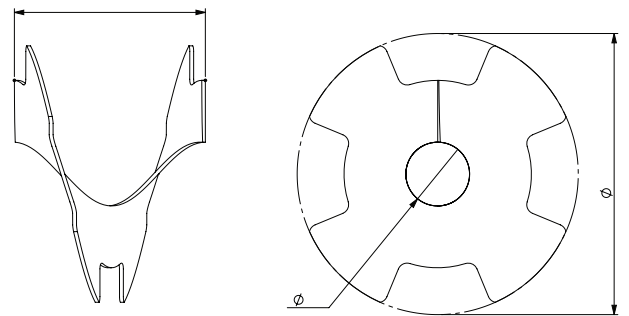
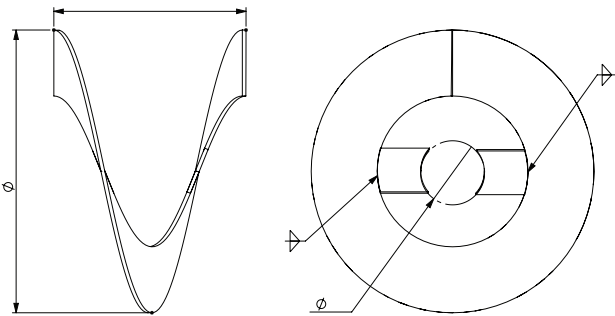
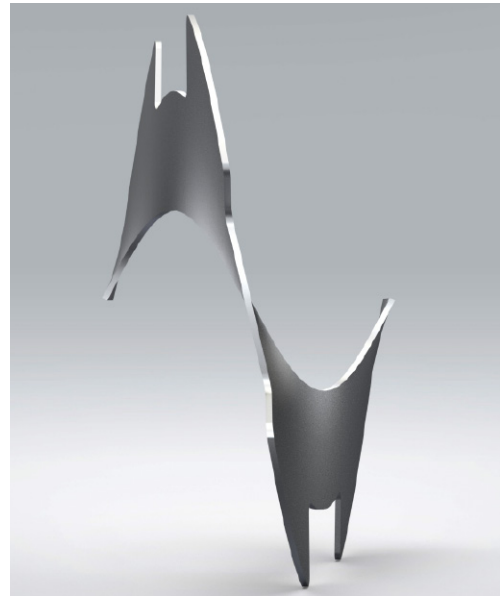


FEATHERS FOR SCREW CONVEYORS

CUT FROM THE INSIDE

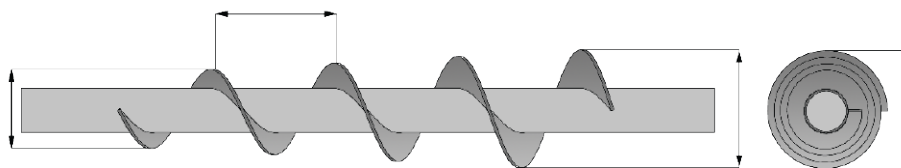
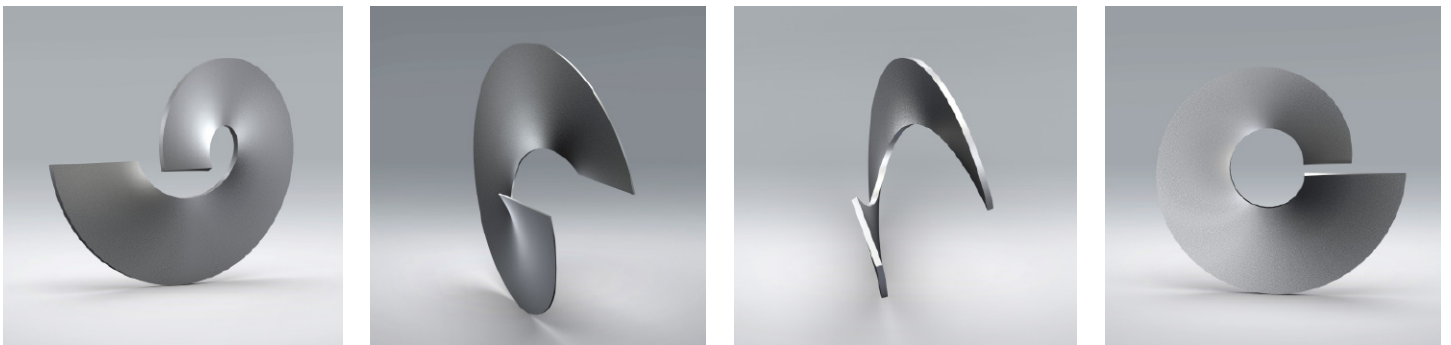
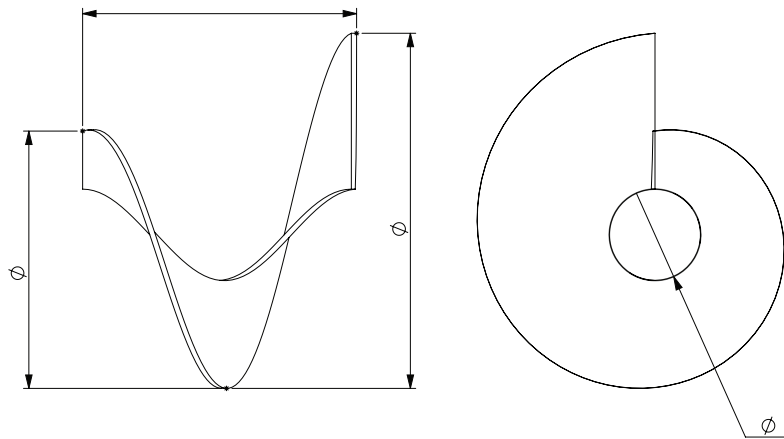
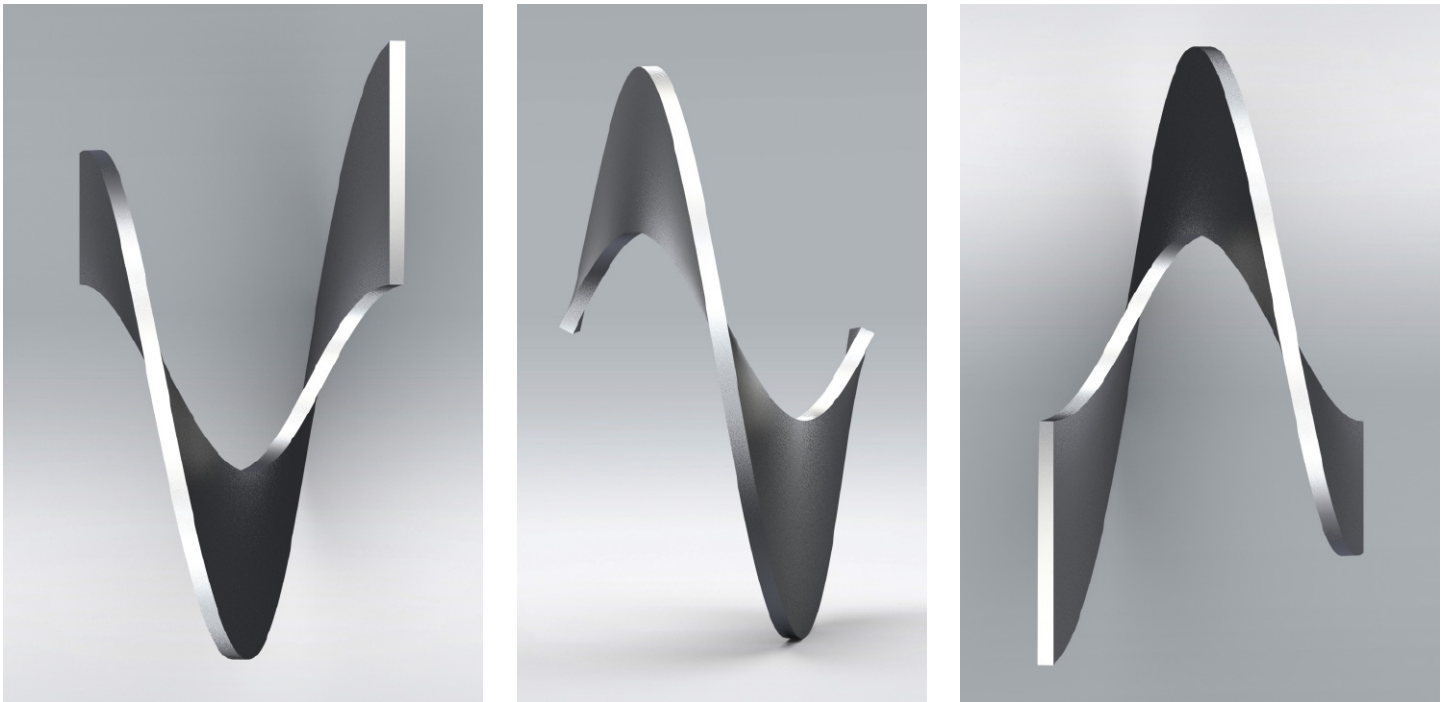


CUT FROM THE OUTSIDE



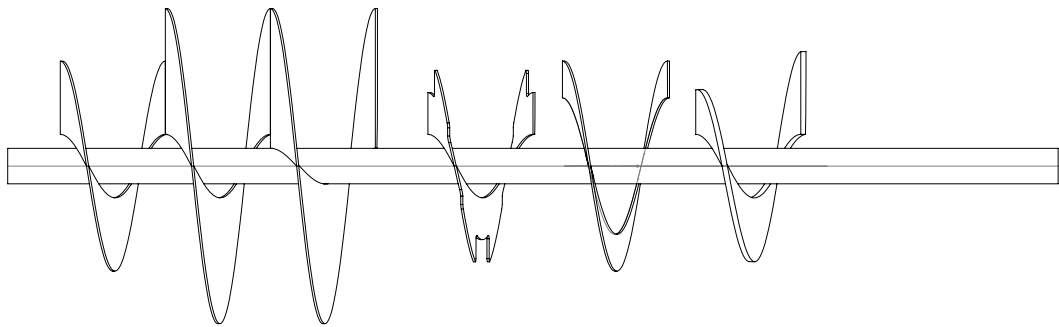
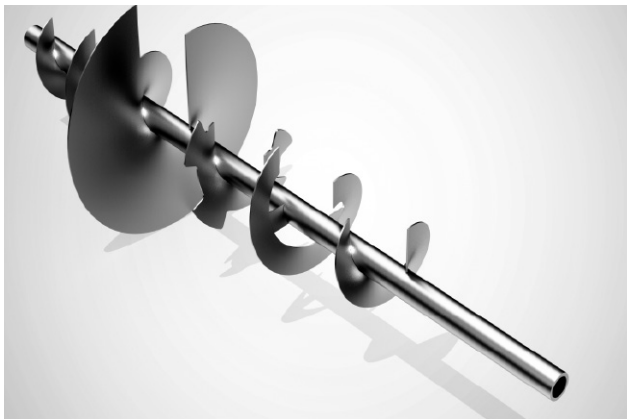
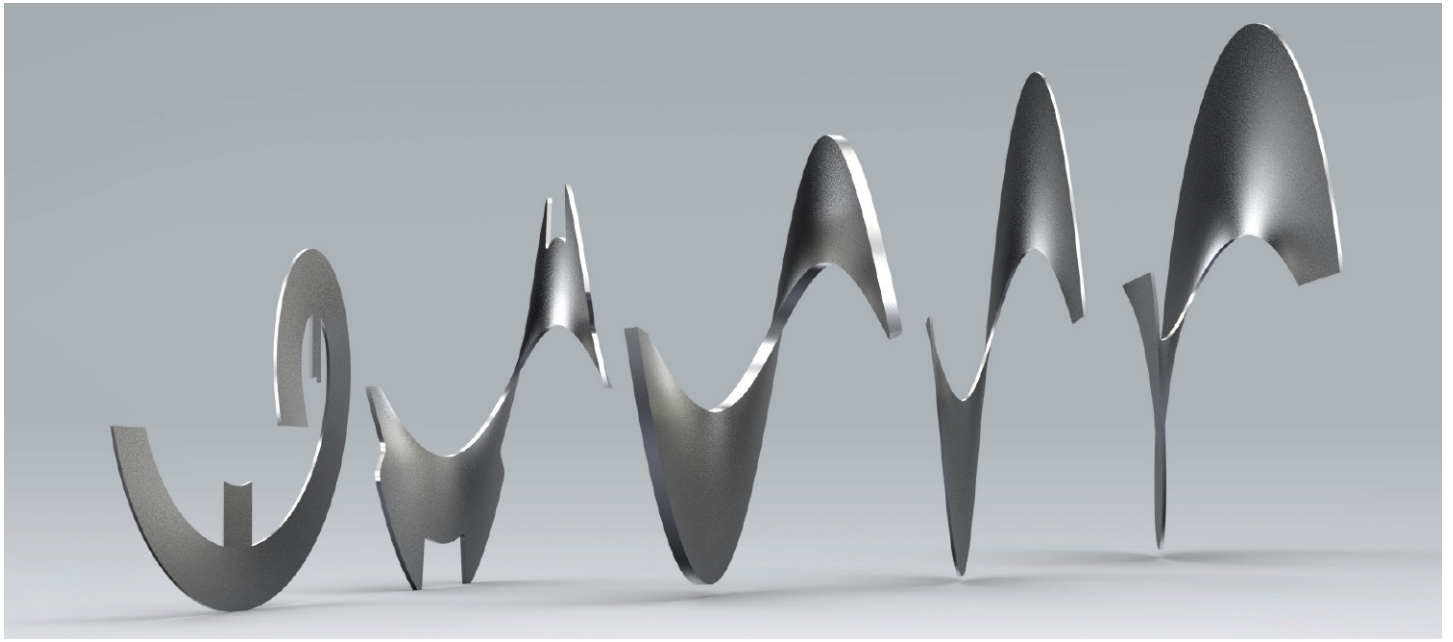
FEATHERS FOR SCREW CONVEYORS

TAPERING FEATHER DIAMETER



FEATHERS FOR SCREW CONVEYORS

SINGLE SEGMENTS WELDED ON SHAFT



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