



**SECTIONAL FLIGHTS
CONTINUOUS SPIRALS
COMPLETE AUGERS**

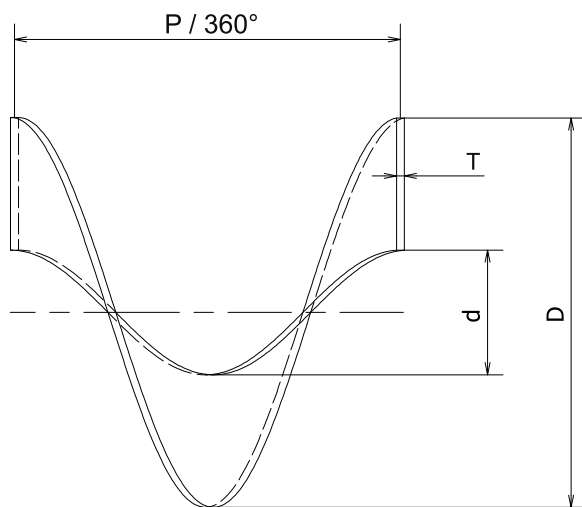
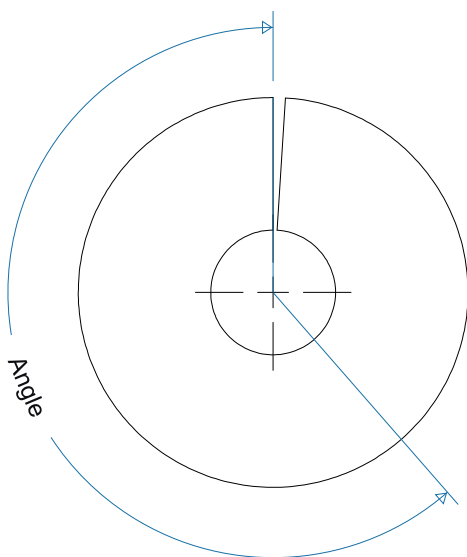


SECTIONAL FLIGHTS

We produce high quality sectional flights. Flights are formed with precision. Easy assembly and quick delivery.

We produce sectional flights of high quality. Thanks to our technology we will supply you with the product that will exceed your quality requirements. Express orders can be delivered to you within 14 days.

Sectional flights are cold or hot formed, depending on your material requirements. Our production and material range, our expertise in the industry over years allows us to recommend you the most suitable flights for your application. If you have some special requirement, it will be our pleasure to help you with it.



MANUFACTURING OPTIONS OF SECTIONAL FLIGHTS:

DIMENSIONS:

Diameter (D)	20 - 4200 mm
Pitch (P)	20 - 12000 mm
Material thickness (T)	2 - 90 mm
Flight angle	360° - 180° - 120° - 90° - 60° - 45° - 30°

MATERIALS:

Carbon steel	S235JR (FE360 / 1.0037), S275JR (FE430 / 1.0044), S355JR (FE510 / 1.0045)
Stainless steel	AISI304 (1.4301), AISI316L (1.4404), AISI316Ti (1.4571), AISI310 (1.4845)
Wear-resistant steel	Hardox, XAR, Binar, Creusabro, Naxtra, Dillidur



Express deliveries are
processed within 14 days.



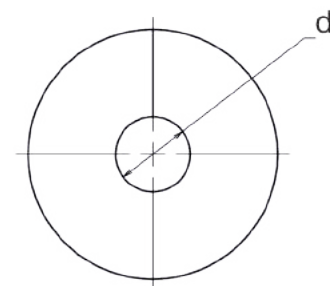
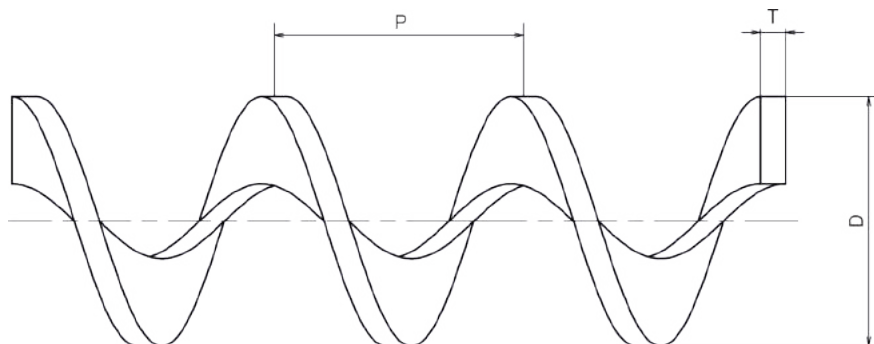
CONTINUOUS SPIRALS

Steel spirals are also known as metal spirals, continuous flighting or shaftless spirals. We produce these spirals with our own technology and thank to that we can achieve the best results in quality. Wide options of production range of thickness and diameters gives us opportunity to supply the right spiral for you.



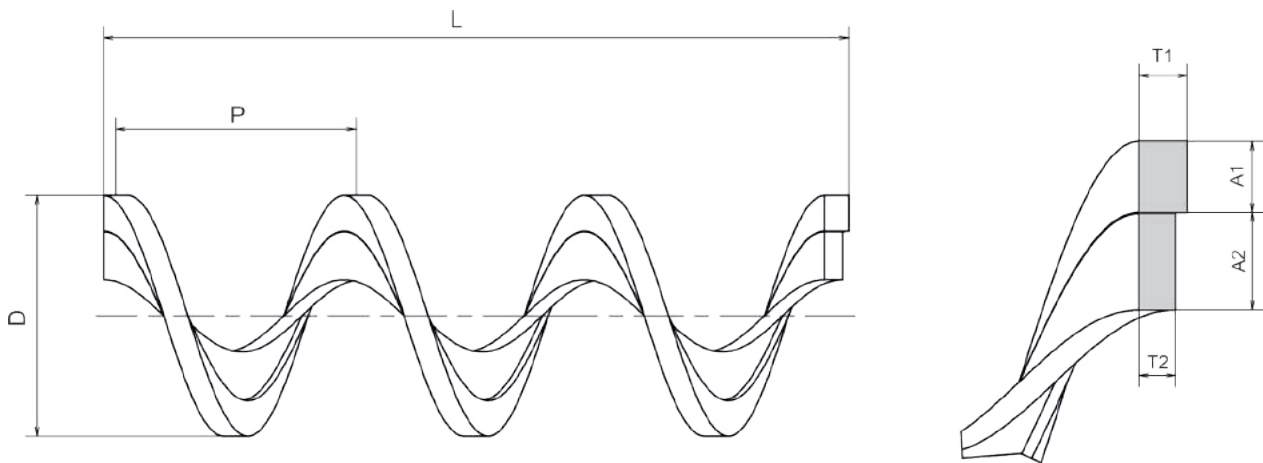
SHAFTLESS SPIRALS - ROBUST

Shaftless spirals with constant thickness of material are called robust spirals. They are suitable for screw conveyors, drilling rigs and many other machines.



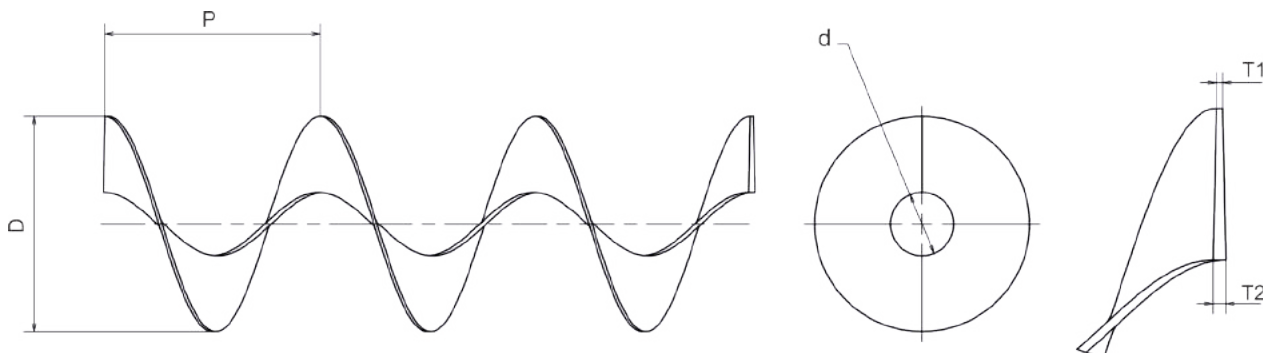
SHAFTLESS SPIRALS FROM FLAT BARS

Shaftless spirals produced from single or double flat bars. After consultation we can produce composed spirals with sectional flights or three flat bars.



HELICOID FLIGHTING

We can supply you standard measures from stainless steel or normal carbon steel for every needs.



Metal spirals are produced from flat bars, on the basis of technical specification from our customer. It's important to know the exact data of your spiral - outside diameter, pitch, inside diameter, thickness and type of required material. We also need to know if the spiral will be mounted on shaft, or it will be used for shaftless spiral conveyor. This is important for prioritizing the inner or outer diameter. We can offer you robust spirals with constant material thickness or spiral composed from two flat bars welded together or spirals produced from metal stripe with conical thickness and international standard measures.

Shaftless spirals or continuous flighting welded on shaft are often used in many industries for handling material in conveyors for drilling or pressing machines etc.

You can find them almost in every industry: constructions, agriculture, waste water treatment, energy, wood processing, pharmaceutical, chemical or heavy industries



MANUFACTURING OPTIONS OF CONTINUOUS SPIRALS - ROBUST AND COMPOSED FROM FLAT BARS

DIMENSIONS:

Diameter (D)	20 - 700 mm
Pitch (P)	20 - 900 mm
Thickness (T)	3 - 30 mm

MATERIALS:

Carbon steel	S235JR (FE360 / 1.0037), S275JR (FE430 / 1.0044), S355JR (FE510 / 1.0045)
Stainless steel	AISI304 (1.4301), AISI316L (1.4404), AISI316Ti (1.4571), AISI310 (1.4845)

MANUFACTURING OPTIONS OF SPIRALS WITH CONICAL THICK-NESS

DIMENSIONS:

Diameter (D)	40 - 550 mm
Pitch (P)	40 - 550 mm
Thickness (T)	3/1,5 - 12/6 mm

MATERIALS:

Carbon steel	S235JR (FE360 / 1.0037), S275JR (FE430 / 1.0044), DD12 (FeP12)
Stainless steel	AISI304 (1.4301), AISI316L (1.4404), AISI316Ti (1.4571), AISI310 (1.4845)

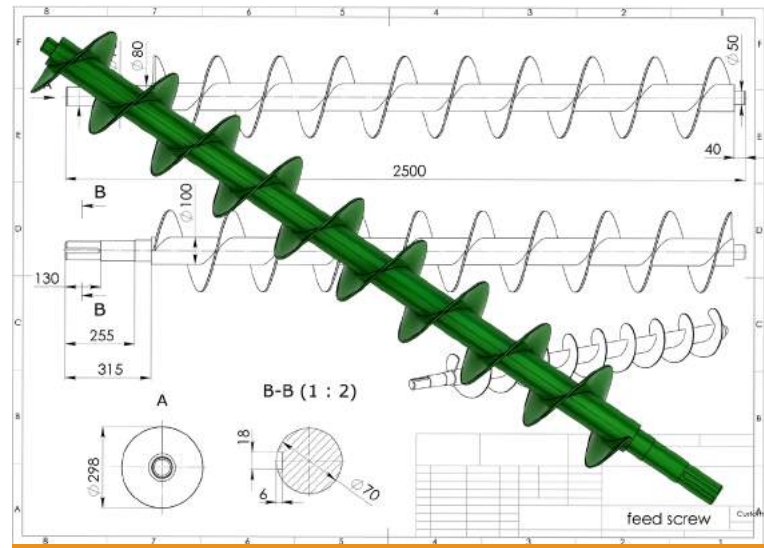


CUSTOM MADE SCREWS

We produce the whole complete custom made screw according to the technical drawing from our client. Send us technical drawing documentation and we will prepare offer for your complete screw. Thanks to our production options we can produce and assemble the screws very precisely.

From small screws usually used in agriculture to big Archimedean screws used mostly in waste water treatment plants like a screw pump. Machining of shaft, welding sectional flights or surface treatments like painting, galvanizing or hardfacing the screw is not problem for us. These complete augers can immediately fit in your machines, drilling equipment, conveyors, pump stations or another machines.

The production of complete screws according to the technical drawing is important for many types of machines. For example if you have some special custom made bulk handling system of conveyors, there can be some nonstandard design for the entire screw. In some extreme cases when the drawing documentation is missing we can do some personal measuring and create precise 3D model using a special scanner.



MATERIALS WE WORK WITH:

Carbon steel	S235JR (FE360 / 1.0037), S275JR (FE430 / 1.0044), S355JR (FE510 / 1.0045)
Stainless steel	AISI304 (1.4301), AISI316L (1.4404), AISI316Ti (1.4571), AISI310 (1.4845)
Wear-resistant steel	Hardox, XAR, Binar, Creusabro, Naxtra, Dillidur
Flight angle	360° - 180° - 120° - 90° - 60° - 45° - 30°





CONTACT

Steel Spirals s.r.o.

 Ústecká 3076, Tábor 390 01, Czech Republic

 +420 739 999 380

 info@steelspirals.com

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