

Helicoid Flighting and Shaftless Spirals

One Pitch Beyond





One Pitch Beyond

www.flitech.it



FLITECH®



FLITECH®, established in 2003 as a Division of WAMGROUP®, is a global supplier of helicoid flighting and conveyor screws.

Behind FLITECH®'s high quality product range, which virtually suits any customer's requirements for a variety of industries and applications, stand WAMGROUP®'s more than 50 years of experience in screw conveyor technology.

Continuous investment in R&D over the years have led to highly innovative design solutions.

FLITECH® aims for a close partnership based on honesty and fairness with its customers. FLITECH® is able to offer its customers a 360-degree service in accordance with local culture and tradition.

Specialised in manufacturing helicoid flighting and shaftless spirals through innovative production processes, FLITECH® designs and manufactures in-house a wide range of high quality products which meet the specific market requirements.

Thanks to a well-equipped stock of standard size spirals, it is possible to satisfy customer requirements in the shortest possible time.

To ensure the shipment of a product in good condition, all inventory is stored indoors.



Industries

FLITECH® helicoid flighting and screws are used in various industries such as concrete production, plastics, flour and animal feed milling, as well as in municipal and industrial wastewater treatment plants, to name but a few.

Agricultural Machinery



Animal Feed Milling



Flour Milling



Wineries and Olive Oil Mills



Pellet Production



Biogas and Biomass Production



Building and Construction



Wastewater Treatment



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Helicoid Flighting

Production Process

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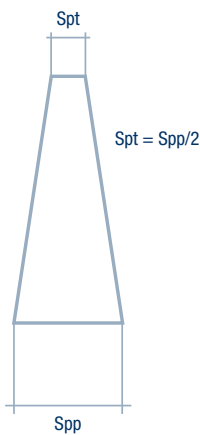


Helicoid Flighting

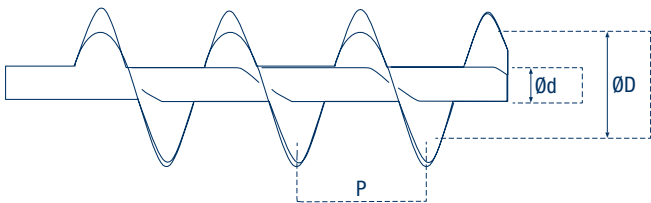
SR-Type Helicoid Flighting



- Manufactured from carbon steel or 304/316 stainless steel
- Standard sizes available ex-stock; custom-built sizes on request
- Available with RH or LH pitch



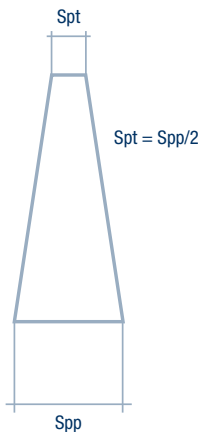
Ø D (mm)	P (mm)	Ø d (mm)	Thickness Spp (mm)
From 50 to 900 mm	Up to 1/2 Ø D	For standard pipes (inch sizes)	From 3 to 20 mm



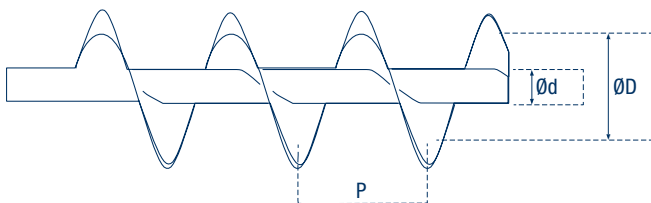
Helicoid Flighting Type SH FLIHARD® 300



- Heavy-duty helicoids, hardness 300 HB
- Standard sizes available ex-stock; custom-built sizes on request
- Available with RH or LH pitch



Ø D (mm)	P (mm)	Ø d (mm)	Thickness Spp (mm)
From 100 to 500 mm	Up to 1/2 D	For standard pipes (inch sizes)	From 3 to 10 mm

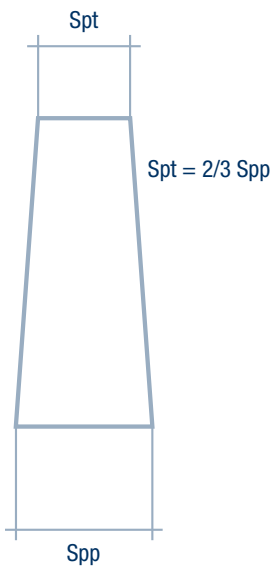


Helicoid Flighting

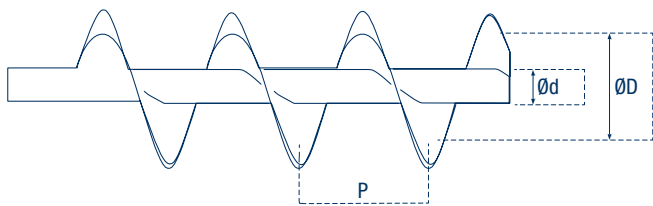
SG-Type Helicoid Flighting



- ↳ Manufactured from carbon steel or 304/316 stainless steel
- ↳ Standard sizes available ex-stock
- ↳ Available with RH or LH pitch

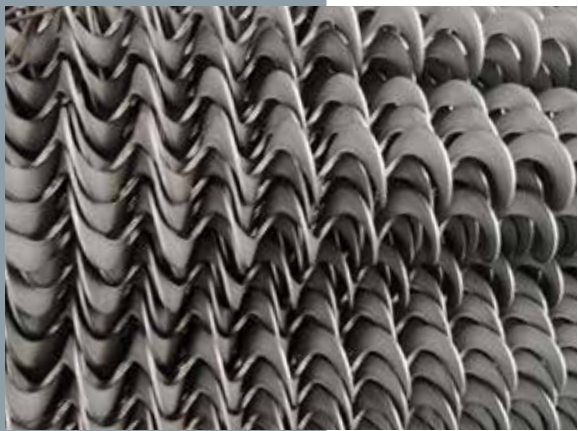


$\varnothing D$ (mm)	P (mm)	$\varnothing d$ (mm)	Thickness Spp (mm)
From 100 to 500 mm	Up to 1/2 D	For standard pipes (inch sizes)	From 3 to 15 mm

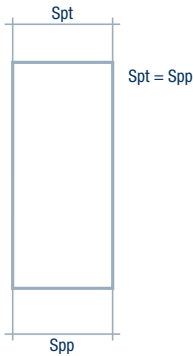


Helicoid Flighting

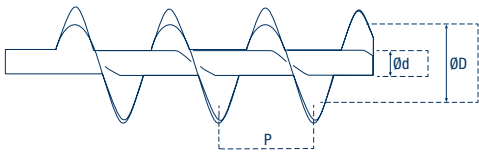
SF-Type Helicoid Flighting



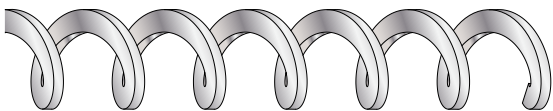
- Manufactured from carbon steel or 304/316 stainless steel
- Standard sizes only available
- Can be used with or without centre pipe
- Available with RH or LH pitch



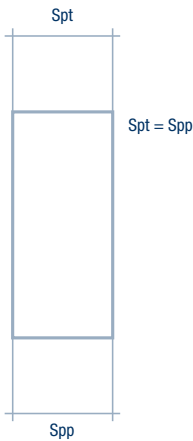
$\varnothing D$ (mm)	P (mm)	$\varnothing d$ (mm)	Thickness Spp (mm)
From 40 to 100 mm	Constant or variable pitch	From 20 to 60 mm	From 3 to 8 mm



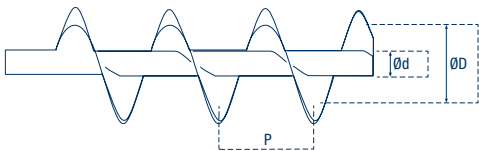
SS-Type Helicoid Flighting



- Manufactured from Fe 510 or 304 SS
- Standard sizes available ex-stock; custom-built sizes on request
- Available with RH or LH pitch

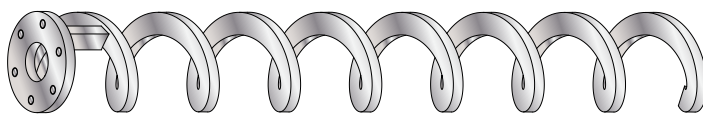


$\varnothing D$ (mm)	P (mm)	$\varnothing d$ (mm)	Thickness Spp (mm)
Refer to specific product brochure	Constant or variable pitch	Refer to specific product brochure	On request

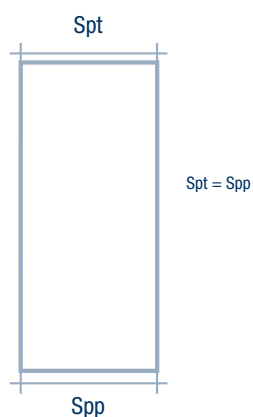


Helicoid Flighting

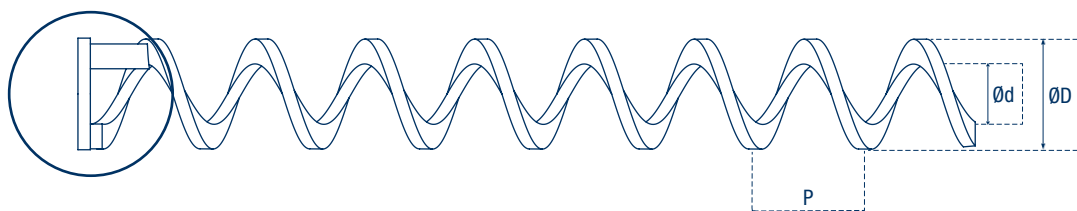
SSC-Type Shaftless Screws



- ▣ Manufactured from Fe 510 or 304/316 SS
- ▣ Standard sizes available
- ▣ Can be used without centre pipe
- ▣ RH or LH pitch available
- ▣ Available with drive transmission flange



Ø D (mm)	P (mm)	Ø d (mm)	Thickness Spp (mm)
From 150 to 600 mm	Constant or variable pitch	From 100 to 600 mm	From 15 to 40 mm



Sectional Screw Flights

SE-Type Sectional Screw Flights



- ▣ Manufactured from carbon steel or 304/316 stainless steel or Hardox® 400
- ▣ External diameter from 30 to 900 mm
- ▣ Thickness SPP ≤ 25 mm
- ▣ Range: unlimited



Screws (Augers)

Production Processes

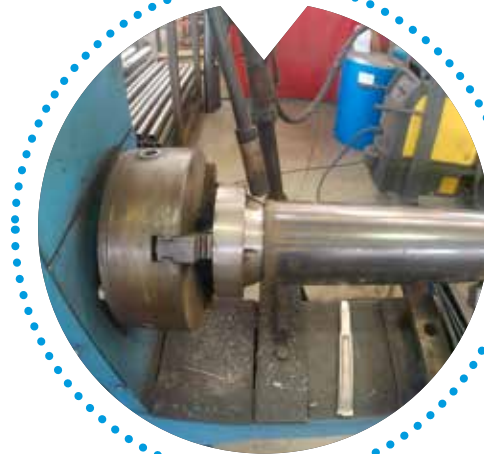
Pipe cutting



Welding



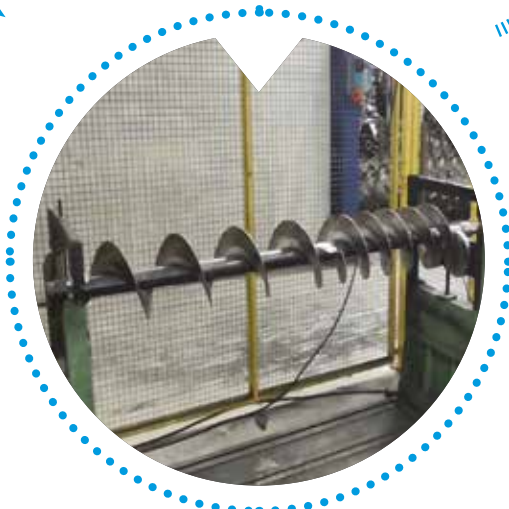
Mechanical Assembly



Straightening



Wear Protection



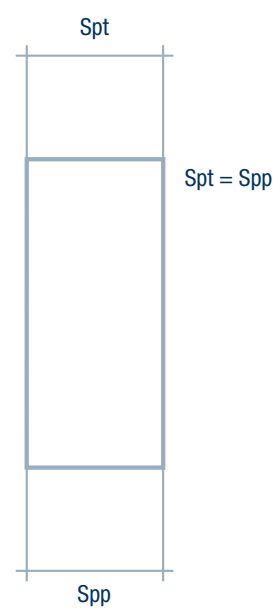
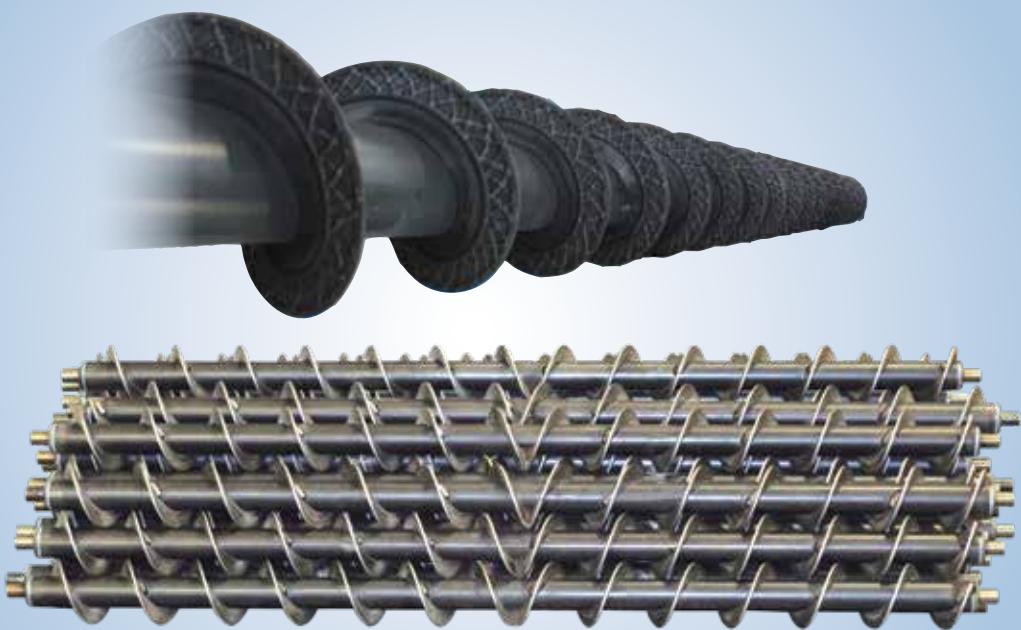
Balancing

Screws (Augers)

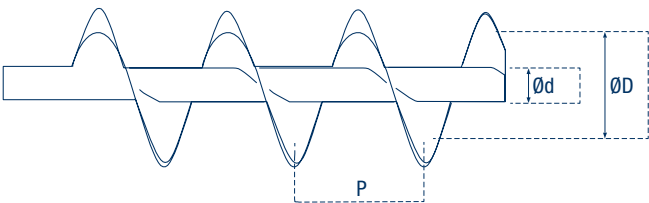
C0-Type Screws (Worm-On-Pipe)



- Manufactured from carbon steel or 304/316 SS
- Custom-built
- Supplied complete with shaft couplings on request
- Wide range of finishing available: MIG or TIG welding, painting, glass bead blasting, electro-polishing, anti-wear coating, tapered flight screws, balancing



Ø D (mm)	P (mm)	Ø d (mm)	Thickness Spp (mm)
On request	Constant or variable pitch	On request	On request



Screws (Augers)

SINT®-Type Screws (Worm-On-Pipe)



- ↳ SINT®ER or SINT®AL FDA-approved engineering polymer design
- ↳ Available in standard lengths with square or variable pitch, with cylindrical or negatively tapered centre pipe
- ↳ Intermediate bearings and shaft couplings available on request




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Product Range

FLITECH®, established in 2003 as a Division of WAMGROUP®, is a global supplier of helicoid **fighting and conveyor screws**. Specialised in manufacturing helicoid fighting and shaftless spirals through innovative production processes, FLITECH® designs and manufactures in-house a wide range of **high quality products** which match specific market requirements.



FLIGHTING TECHNOLOGY

MADE IN ITALY

Helicoid Fighting



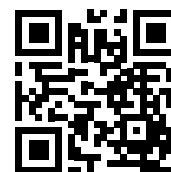


SA-Type Helicoid Fighting
See product details

SG-Type Helicoid Fighting
See product details

Helicoid Fighting Type SA FLIMARK® 300
See product details



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