

Helicoid Flighting and Shaftless Spirals



One Pitch Beyond



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 40 years of experience in screw conveyor technology.

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

FLITECH® aims at close partnership based on honesty and fairness with their customers. FLITECH® are able to offer customers a service at 360 degrees in accordance with local culture and traditions.

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 match specific market requirements.

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

Agricultural Machinery



Animal Feed Milling



Flour Milling



Enology and Olive Oil Mills



Pellet Production



Biogas and Biomass Production



Building and Construction



Waste Water Treatment



Helicoid Flighting

Production Processes

Coil Stock



Welding



Flighting Manufacture



Warehouse

Shipping



Packaging

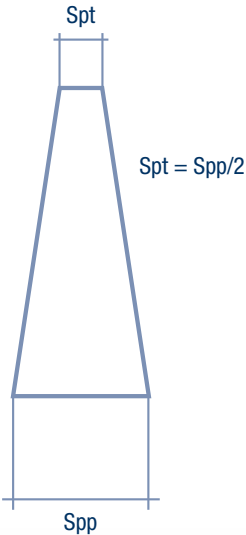


Helicoid Flighting

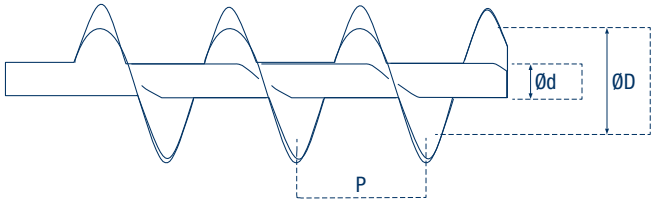
SR-Type Helicoid Flighting



- ☞ 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



$\emptyset D$ (mm)	P (mm)	$\emptyset d$ (mm)	Thickness Spp (mm)
From 100 to 600 mm	Up to 1/2 D	For standard pipes (inch sizes)	From 3 to 10 mm

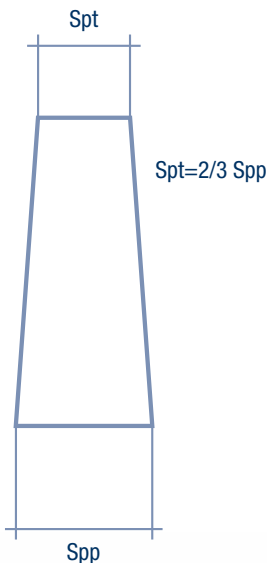


Helicoid Flighting

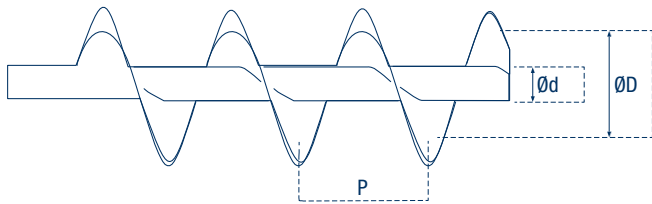
SG-Type Helicoid Flighting



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



Ø D (mm)	P (mm)	Ø d (mm)	Thickness Spp (mm)
From 100 to 700 mm	Up to 1/2 D	For standard pipes (inch sizes)	From 3 to 12 mm

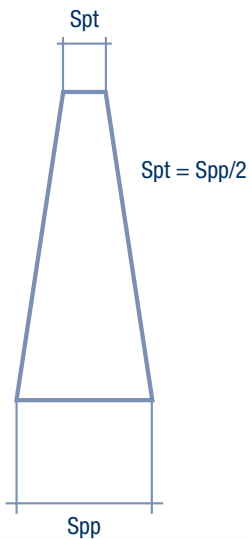


Helicoid Flighting

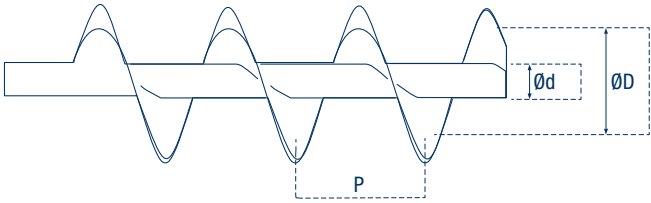
Helicoid Flighting Type SH FLIHARD® 300



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



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

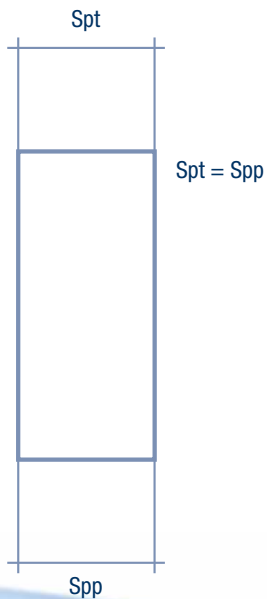


Helicoid Flighting

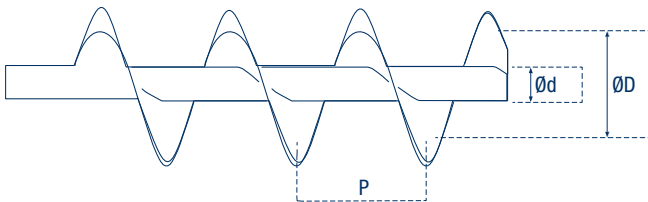
SF-Type Helicoid Flighting



- ☞ 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



Ø D (mm)	P (mm)	Ø d (mm)	Thickness Spp (mm)
From 40 to 100 mm	Constant or variable pitch	From 20 to 60 mm	From 3 to 6 mm

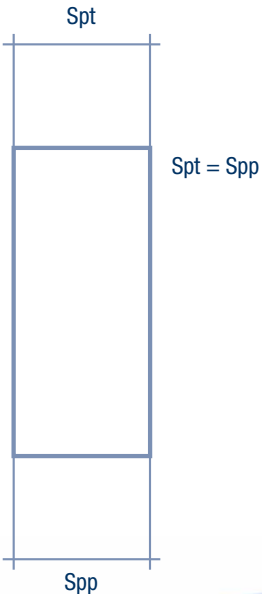


Helicoid Flighting

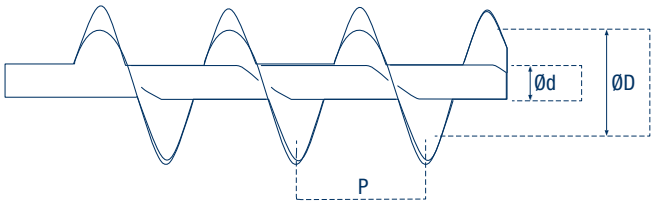
SS-Type Helicoid Flighting



- ☞ 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



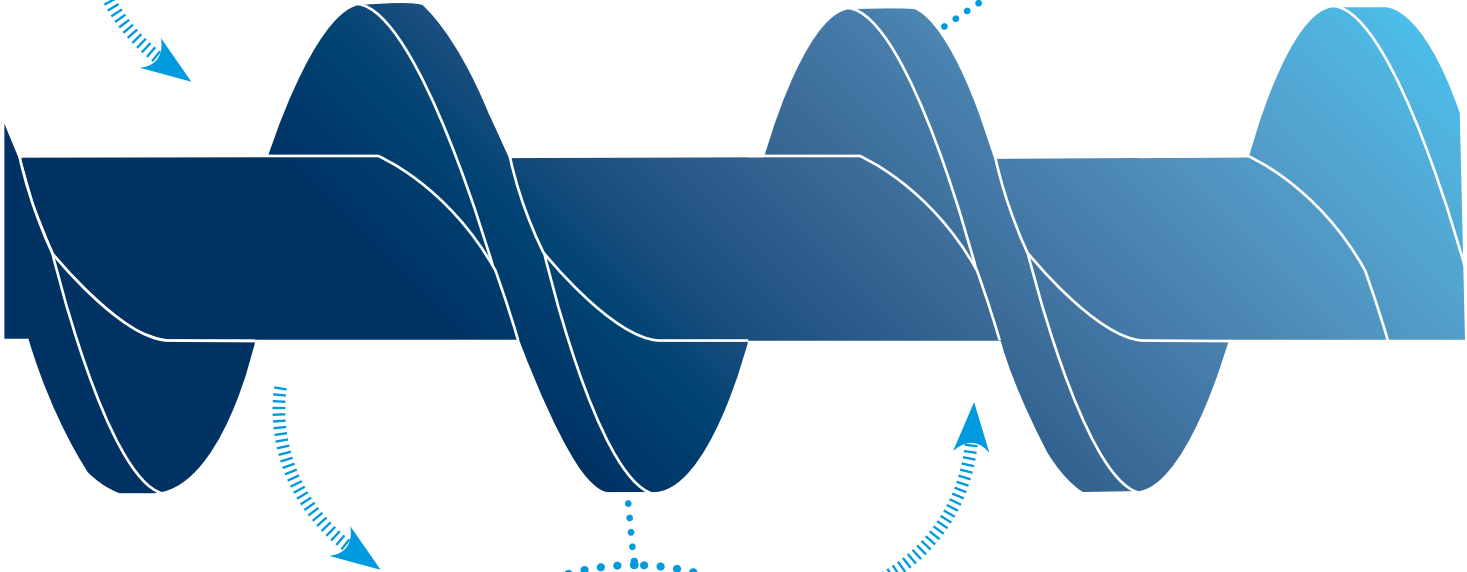
Screws (Augers)

Production Processes

Welding



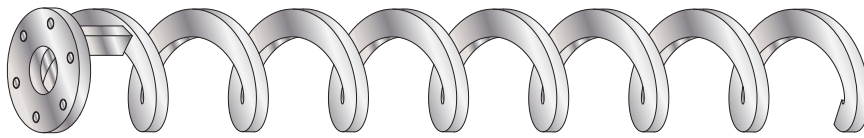
Finished Screw



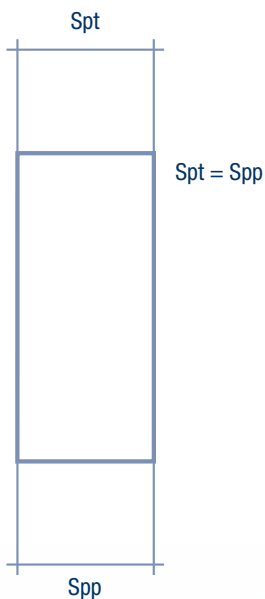
Applying Wear Protection

Screws (Augers)

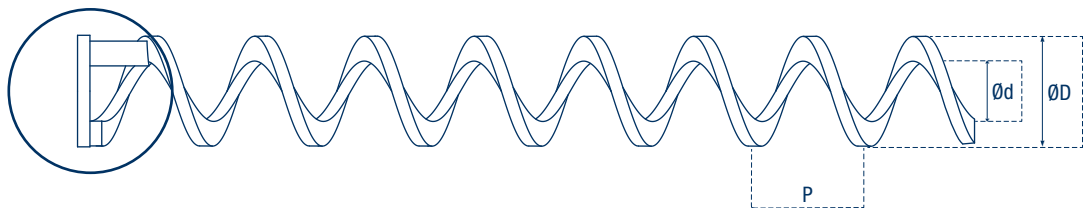
SS-Type Shaftless Screw



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



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

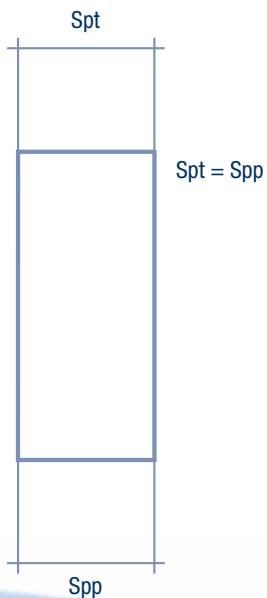
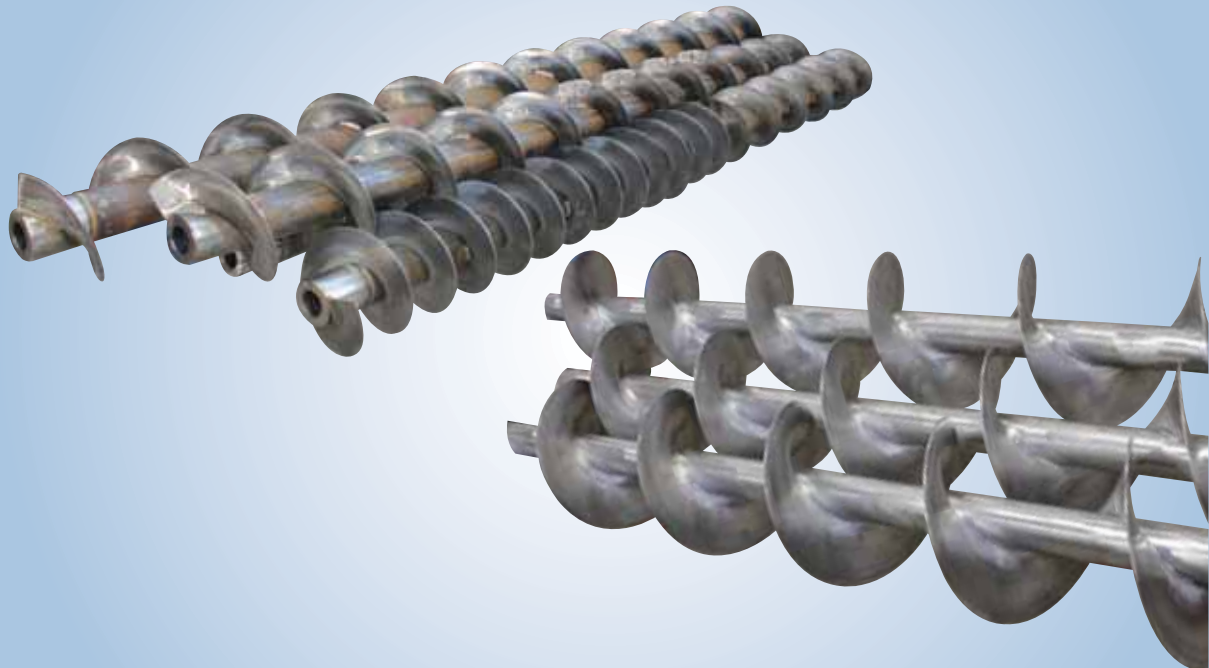


Screws (Augers)

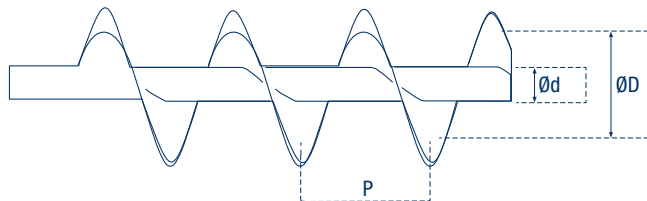
C0-Type Screws (Worm-On-Pipe)



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



$\emptyset D$ (mm)	P (mm)	$\emptyset d$ (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



Available diameters from 100 to 250mm



English

Italiano

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