

## Screw Flights

The largest and professional screw flight manufacturer, with patents for spiral manufacturing process.

Backed with three manufacturing technology to produce the different types including **Continuous Cold Rolled Screw Flight**, **Sectional Screw Flight** and **Continuous Equal Thickness Screw Flight** which almost meet all the market demand on the types and sizes.

Equipped with 23 screw flight forming machines, we have an annual production capacity up to 7000 tons.



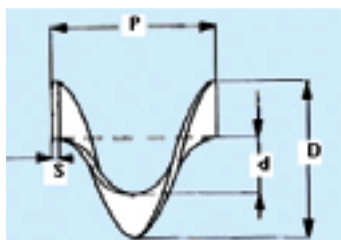
### WIDE APPLICATIONS

- Screw Conveyor
- Grain Harvester
- Water Treatment
- Construction Machinery
- Farm Machinery
- Holes Piling
- Concrete Mixer
- Planting & Cultivation
- Mining

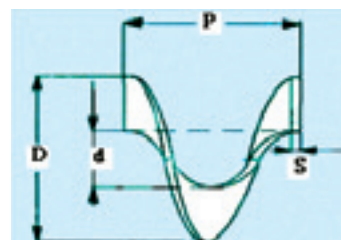
*and many more...*



Sectional Flight left hand



Sectional Flight right hand



## Continuous Cold Rolled Screw Flights



### FEATURES

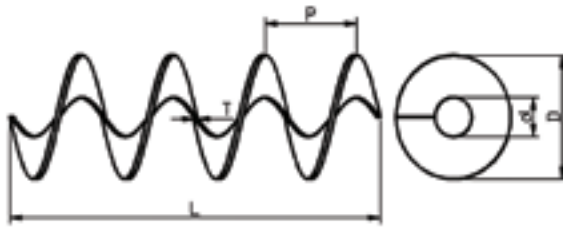
- High accuracy, low production cost for high volume orders.
- Smooth surface finish, good rigidity, easy to weld and assemble.

### MATERIAL

Carbon Steel

### SPECIFICATIONS

Any size within the range of the following table can be made.



P—Pitch  
D—O.D.  
d—I.D.  
T—Thickness

Band Thickness (mm)	Min. I.D. (mm)	Max. O.D. (mm)	Max. Band Width (mm)	Pitch/O.D. Ratio	Max. O.D./I.D. Ratio
3.0	20	500	165	0.6-1.3	4.0
3.5	20	500	165	0.6-1.3	4.0
5.0	28	500	165	0.8-1.3	4.0
6.0	40	500	165	0.8-1.2	4.0

Note: 1. When the inner diameter is within the range of Min. I.D. + 5mm, then the max. O.D. should not exceed the triple of I.D.  
2. Max. Band Width=(O.D.-I.D.)/2

## Continuous Equal Thickness Screw Flights

### FEATURES

- Continuous equal thickness is another proprietary process patented and developed by our own in-house engineers with the purpose of overcoming problems like difficult forming, material wastage for small lot production.
- Continuous formed pitch construction with consistent cross sectional thickness between inner and outer edges, high precision, high output and high material usage.
- Manufactured in the same fashion as the screws manufactured by continuous cold rolled forming methods with the difference being consistent material thickness from inner to outer edge of the screw flight.