

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.



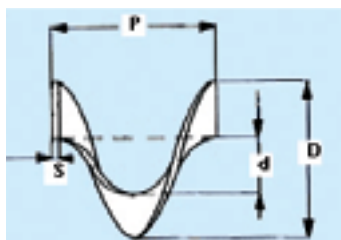
WIDE APPLICATIONS

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

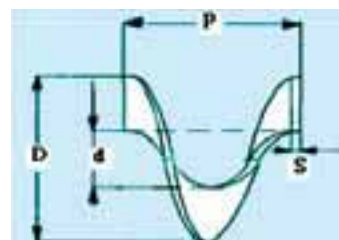
and many more...



Sectional Flight left hand



Sectional Flight right hand



Sectional Screw Flights

FEATURES

- A proprietary manufacturing process designed to meet special requirements such as various material types, wide thickness range, and large diameters.
- A single pitch construction with consistent cross sectional thickness between inner and outer edges. Every screw flight section is formed accurately as per customers' specifications.
- A wide range of sizes up to 2000mm in diameter, 40mm in thickness, 1500mm in pitch are available.
- Ribbon, Tapered and Variable Pitch Flights are available on application. Flights can also be hard faced or coated with wear protection materials.
- High precision, with no minimum order quantity requirement and customised size can be met.

MATERIAL

Carbon Steel, Low Alloy Steel, Wear Resistant Steel, Stainless Steel, etc.

SPECIFICATIONS

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



P—Pitch
D—O.D.
d—I.D.
T—Thickness

Pitch (mm)	I.D. (Min.) (mm)	O.D. (Max.) (mm)	Min. O.D. Ratio	Min O.D. (mm)	Thickness Range (mm)
60~100	30	480	1.0	Min. O.D. = Required Pitch x Min.O.D. Factor	3~16
100~150	35	480	0.8		3~18
150~200	50	520	0.75		3~20
200~250	60	630	0.7		3~25
250~300	65	670			3~25
300~350	90	900			3~30
350~400	90	950			3~30
400~450	95	950			3~30
450~500	135	1150			3~35
500~550	150	1300			3~40
550~650	150	1350			3~40
650~750	200	1400			3~45
750~850	200	1400			3~45
850~900	250	1450	3~50		
900~950	250	1450	3~50		
950~1050	300	1500	3~50		
1050~1200	350	1600	0.8		3~50
1200~1250	400	1800			3~50
1250~1300	450	2000		3~50	

Note: Plate Thickness from 20mm to 30mm: Max Band Width should be no more than 400mm.
Plate Thickness from 30mm to 40mm: Max Band Width should be no more than 370mm.
Plate Thickness from 40mm to 50mm: Max Band Width should be no more than 350mm.