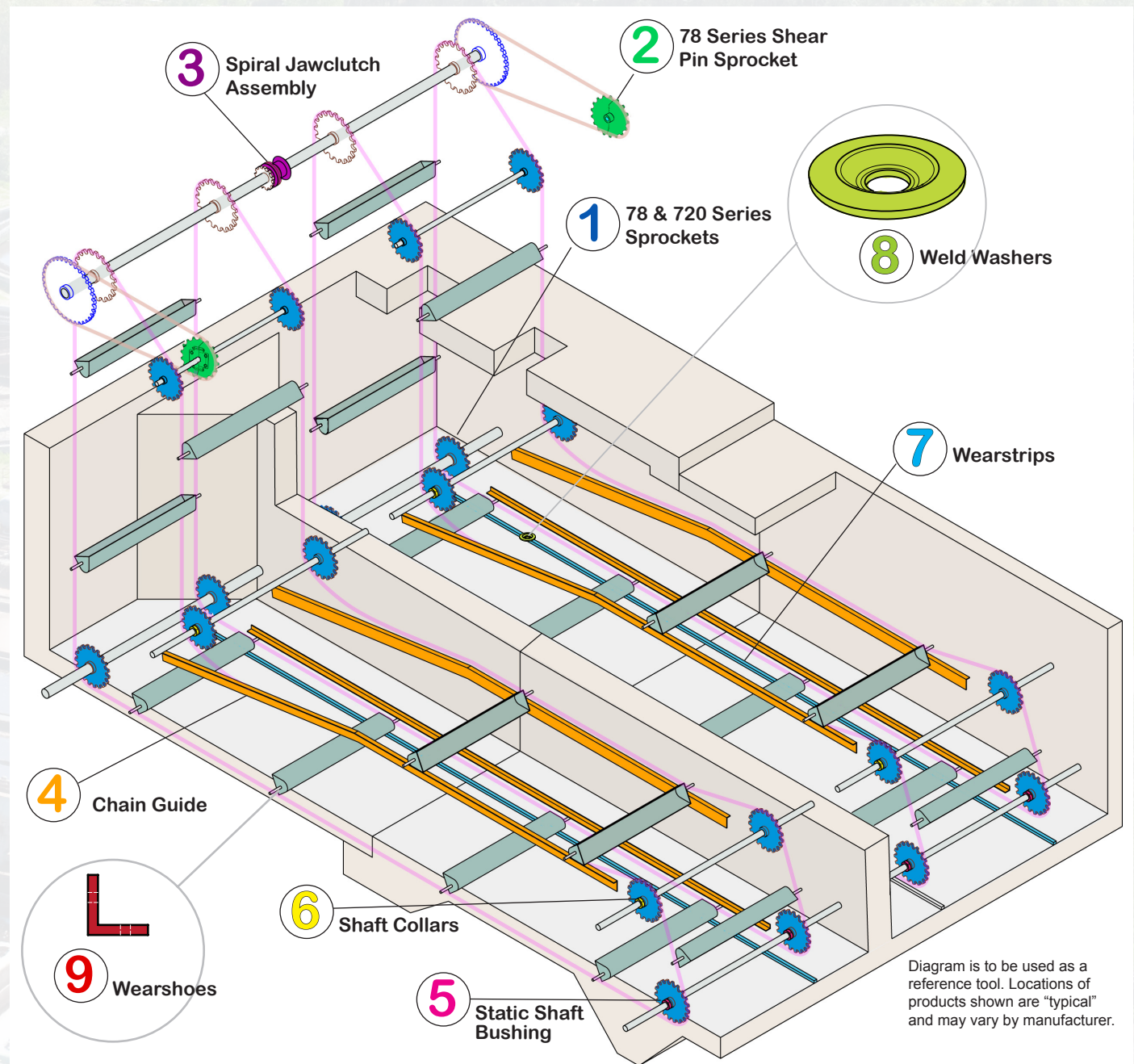


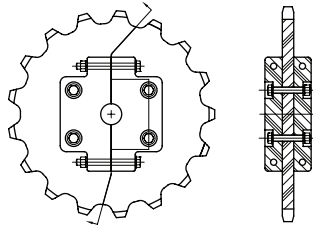


PLASTIC COMPONENTS FOR RECTANGULAR CLARIFIER

Thomas offers a quality line of components used in waste water treatment facilities. Plastic waste water treatment components are designed primarily for sludge collection in rectangular clarifiers. In the rectangular clarifier solids settle to the bottom of the tank. As the system is put in motion, flights drag along the bottom of the tank and convey the sludge to a collection area where it is removed by screw conveyors or pumps.

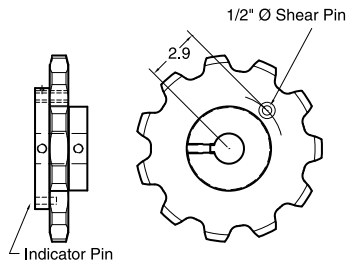


Thomas Plastic Components for Rectangular Clarifiers



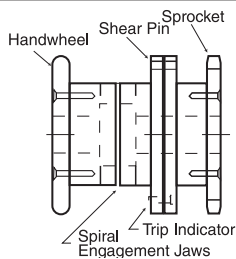
1. 78 & 720 Series Sprockets

Keep the system running without corrosion.



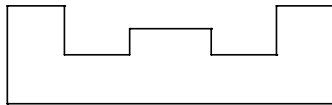
2. 78 Series Shear Pin Sprocket

Protects the drive chain and sprocket from overload damage.



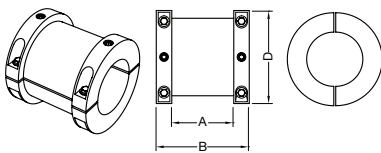
3. Spiral Jawclutch Assembly

When two systems are driven by a single drive the Spiral Jawclutch Assembly is commonly used to couple each.



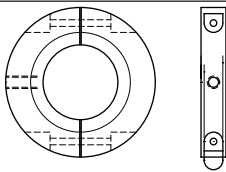
4. Chain Guide

Provide a low friction guide for chain to ride on.



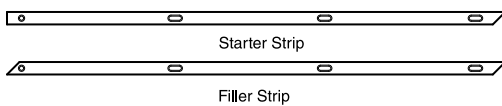
5. Static Shaft Bushing

Support shafts and bearings where needed.



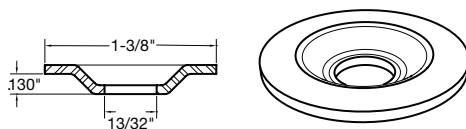
6. Shaft Collars

Support shafts and bearings where needed.



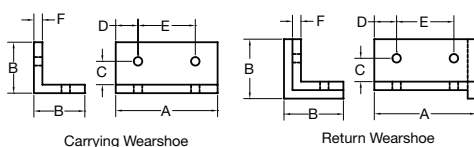
7. Wearstrips

Wearstrips provide a low friction guide for flights/ buckets to ride on.



8. Weld Washers

Used to hold down wear strips and help with expansion.



9. Wearshoes

Are attached to the flights/ buckets to prevent wear.