



High Performance Chains



# PIN OVEN CHAIN

for Deco Applications



Reduces Downtime



Withstands Harsh Conditions



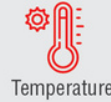
Maximizes Operating Capabilities

[www.tidcindia.in](http://www.tidcindia.in)

# PIN OVEN CHAIN

TIDC Pin Oven Chain features PRECISION COMPONENTS and ACCURATE assembly.

TIDC Pin Oven Chain can withstand extreme



Temperature



Speed



Tension

Hardened link plates and heat-treated round parts increase strength, shock resistance and durability. In addition, the outstanding wear resistance minimizes elongation and further reduces vibration.

Features	Benefits
Solid Bush	Extends the Service Life of Chain
Precise Extended Pins	Holds Cans Straight during Higher Speed
Bearing Pins – Delta Treated	Extended Life of Chain
Hard Chrome Plated Extended pins	Extended Life of Chain
Specially Designed Plastic Cones	Resistance against High Temperature
Extra Pre-stretched Chains	Minimize Initial Elongation

## Applications

### Beverage can Industry

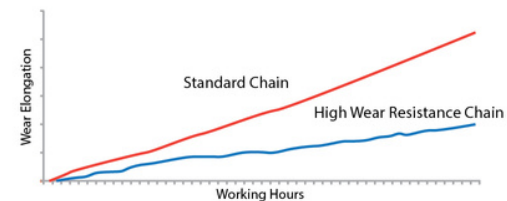
Pin Oven Chains are used to convey beverage cans at a very high speed through an oven for drying.



## Long Wear Life

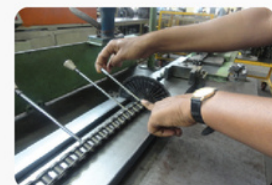
Salient Features of TIDC that give long wear life

- Low bearing pressure
- Better articulation
- Use of special synthetic lubricant between pin and bush
- Special wear resistant coating on bearing pins and extended pins
- Special coated bearing pins



## Chain Quality

- Extended pins are precisely aligned to hold cans straight during fast movement.
- Accurately controlled assembly ensures the chain quality.
- TIDC Pin Oven Chains are pre-stretched to minimize initial elongation.





TIDC Pin Oven Chain's spring-load cone incorporates a tough spring made of stainless steel. It absorbs high impact created by load and improves corrosion resistance.

Shot-peened Link Plates guarantee greater dynamic strength and fatigue life.



Cones are made from special engineered plastic material which has the capacity to withstand high temperature.

Solid Bush improves the internal lubricant between pin and bush ensuring increased wear life.



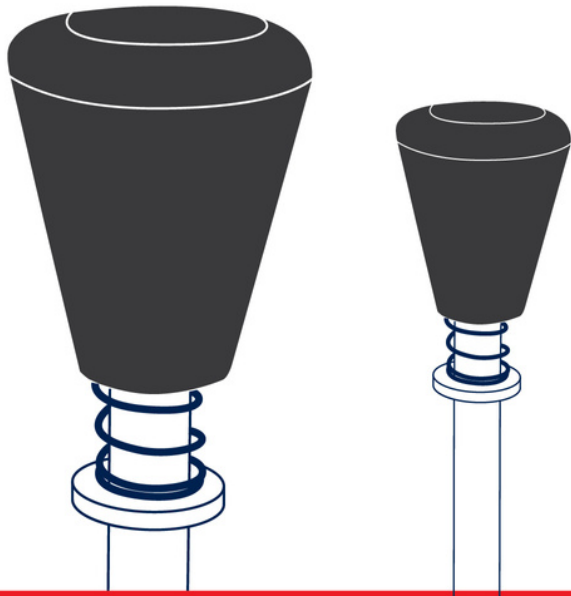
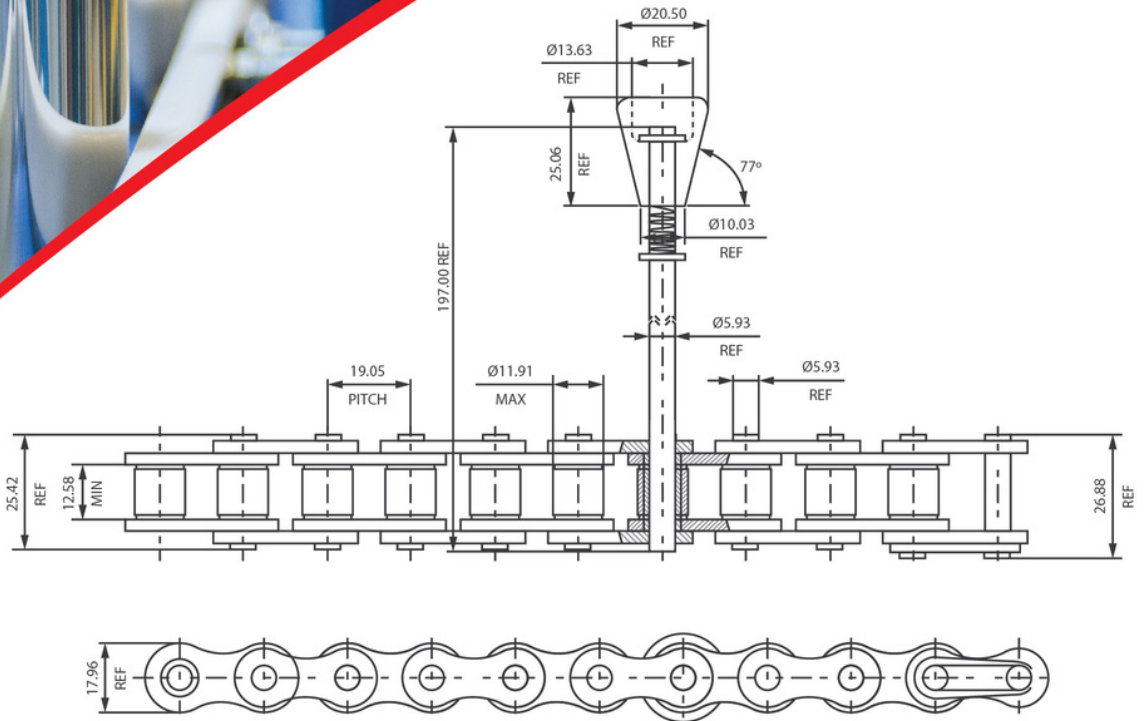
Solid Rollers are cold extruded from wires to provide high impact resistance.

Pins are made from low Carbon Alloy Steels. The coated pins ensure greater wear life and tensile strength.



Extended Pins are made from Carbon Steel and hardened with coating for greater strength and wear life of the chain

OUTSTANDING PERFORMANCE



- Minimum vibration
- Reduced jams & downtime
- Long consistent working life - Value for money
- Maintenance free version  
Available for lube free performance.

**DIAMOND**<sup>®</sup>  
High Performance Chains

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