



Application **SOLUTIONS** for Food & Beverage

**SYSTEM  
PLAST**

## Soft Drink Manufacturer

### Application

Crate Pre-Sort Table

### Solution Type

Reduced Maintenance Costs  
Increased Production Efficiency

### Description of Problem

The competitor's chain on the manufacturer's crate pre-sort table was suffering from heavy wear due to the abrasive conditions which come from the handling of the crates and glass bottles.

### Situation:

Product: full/empty bottles in crates	Weight: 26 (lbs/pc)
Capacity : 1,200 (pcs/hour)	Speed: 98 (ft/min)
Line position: crate pre sort table	Size: 12" x 15.75"
Abrasives: glass, sand and dirt	Temperature: 68° F
Special conditions: dirty crates; little cleaning	



### System Plast™ Solution

The System Plast SSE815 K325P HB chain is made with a special 400 series Extra Plus high performance stainless steel material. This chain is also supplied with a hardened "HB" pin. The combination of the two are excellent for high speed and or abrasive applications.

### Product/Part Description

SSE815 K325P HB Chain with the HB pin



### Key Customer Need(s) and Benefits from System Plast Product:

The SSE815 K325P HB Chain with the HB pin both have exceptionally high corrosion and wear resistance characteristics. Almost 2 years later, the customer checked on the wear of the chain and found hardly any wear at all. In these harsh circumstances our chain outperforms the competitor's brand chain by far. The HB pin is now standard for these types of applications significantly reducing maintenance costs.



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## Features and Benefits

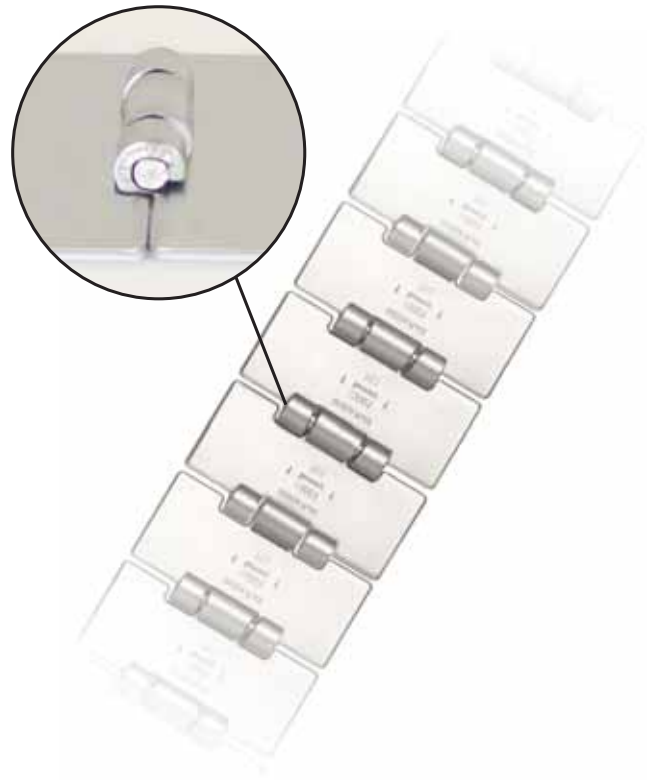
### System Plast™ Extra Plus Stainless Steel and HB pin

The special 400 series Extra Plus high performance stainless steel chain was specially developed for high speed and heavy duty applications. It offers excellent corrosion resistance and the highest surface hardness available.

- Surface hardness of HRC 26-30
- Extremely flat and superior surface finish
- High corrosion and wear resistance
- Highest ultimate yield loading capability
- Typically used in pressureless combiners and extra long conveyors.
- Improved product stability

The HB pin is vacuum hardened stainless steel with exceptionally high wear resistance characteristics, possibly tripling the life of your chains. It also has good corrosion and chemical resistance and is ideal for high speed and/or abrasive applications.

- Ultimate abrasion resistance
- Outstanding wear life



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#### APPLICATION CONSIDERATIONS

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