

# SYSTEM PLAST® EXTRA PLUS STAINLESS STEEL CHAIN AND HB PIN

## APPLICATION

Crate pre-sort table.

## SOLUTION TYPE

Reduced maintenance costs and 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  
Product size: 12" x 15.75"  
Abrasives: glass, sand and dirt  
Temperature: 68° F  
Special conditions: dirty crates; little cleaning

## SOLUTION

The System Plast SSEL815-K325HB 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 is excellent for high speed or combined high speed and abrasive applications.

## PRODUCT/PART DESCRIPTION

SSEL815-K325HB chain with the HB pin.

## KEY CUSTOMER NEED(S) AND BENEFITS FROM SYSTEM PLAST PRODUCTS

The SSEL815-K325HB chain with the HB pin has both 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 since installation. In these harsh circumstances, our chain offers an extended service life. The HB pin is now standard in highly abrasive applications such as this, significantly reducing maintenance costs.



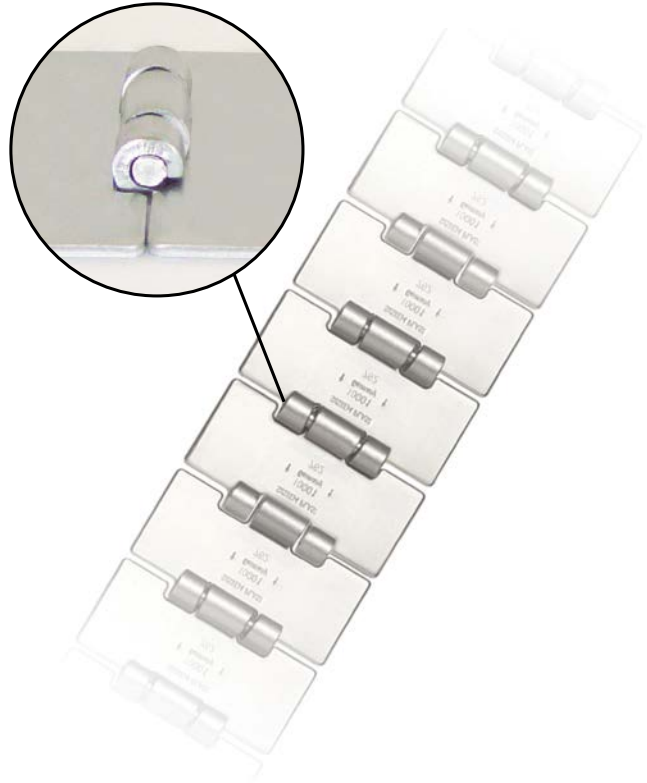
# SYSTEM PLAST® EXTRA PLUS STAINLESS STEEL CHAIN AND HB PIN

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.

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

## FEATURES AND BENEFITS

- Surface hardness of HRC 26-30
- Extremely flat and superior surface finish leading to improved product stability over standard chain series
- High corrosion and wear resistance
- Higher ultimate yield loading capability versus standard pins
- Typically used in pressureless combiners and extra long conveyors
- Ultimate abrasion resistance
- Outstanding wear life



**SYSTEM  
PLAST®**

### Regal Beloit America, Inc.

7120 New Buffington Road

Florence, KY 41042

Customer Service: 800-626-2120

Fax: 800-262-3292

Technical Service: 800-626-2093

[www.regalbeloit.com](http://www.regalbeloit.com)

### APPLICATION CONSIDERATIONS

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