ROUND KILN CHAIN

ROUND CHAIN

- Aids Heat Transfer
- Enhances Production
- Readily Available
- Various Materials

Wrought Type Chain:

- Carbon Steel
- Abrasion Resistant
- Ferritic Stainless
- Austenitic Stainless

Cast Type Chain:

- Abrasion Resistant
- Ferritic Stainless
- Austenitic Stainless
- Ductile Iron

Popular Sizes:

- 3/4” Cross Section x 3” I.D.
- 7/8” Cross Section x 3” I.D.
- 1” Cross Section x 3” I.D.
- Other Sizes on Demand

<table>
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<tr>
<th>Diameter</th>
<th>Pitch</th>
<th>Weight/Ring</th>
<th>Weight</th>
<th>Surface area per unit length</th>
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<td>mm</td>
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Experience has shown that the kiln chain area the actual temperatures are approx. 100-150°C (212-302°F) lower than in the kiln centre, therefore, a lower heat resisting grade for shackles and hangers is recommended and more cost effective.

- Reduces dust generation by up to 50% over common sizes of round link chain
- Twice the surface area per link compared to 3/4” x 3” roundlink chain
- Half the required links means reduced installation Cost
- Proprietary Alloys for optimized chain link life
- Often less than 12 month Return-On-Investment
LINK HANGER ASSEMBLY
PATENTED TECHNOLOGY

LINK HANGER

- No Chain Hangups
- Heavy Duty
- Easily Installed
- Alloy Flexibility
- Exclusive Lock

The Patented LINK HANGER ASSEMBLY (2 PART) comes with our unique base and cap that replaces a traditional hanger and shackle assembly. The advantages of the Link Hanger Assembly are:

- Free rotation of the chain prevents chain hang-ups
- The cap can be replaced and/or re-used
- Easy removal during a turnaround
- Heavy duty design increases life
- Easily installed with our exclusive locking system
- Material for base can be matched to the shell to avoid any welding issues
- Used with any refractory thickness
- Can be used on a bare kiln shell
- Provided in numerous alloys depending on service temperature
- Minimal heat loss through the shell
- On-site installation supervision is available
ECONOLINER SYSTEMS

ECONOLINER SYSTEMS have many advantages over conventional castable linings when used in the chain area of the kiln:

• Increases Kiln Effective ID
• Longer Life
• Increases Production
• Reduces Kiln Dust
• Low Installation Cost

The Patented ECONOLINER SYSTEMS have many advantages over conventional castable linings when used in the chain area of the kiln.

• Significant increase in Kiln working internal diameter
• Reduced Dust Generation due to pressure drop
• Increased lining life
• Easily Installed plus no bake out required
• Lower installation cost due to reduced hardware
• Provided in numerous alloys depending on temperature
• Minimal heat loss through the shell
• Protects the shell and eliminates chain wear on the refractory
• On-site installation supervision is available

Case History: On a 12’ ID kiln our customer was able to increase the internal diameter by 12.5%.