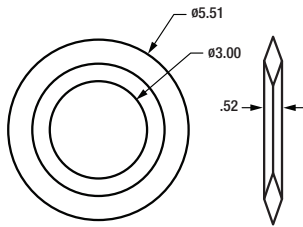
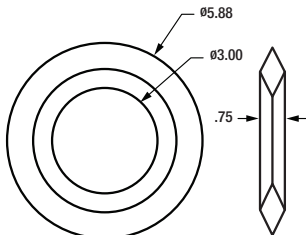


# JAMMB HEAT-X ROTARY KILN CHAIN

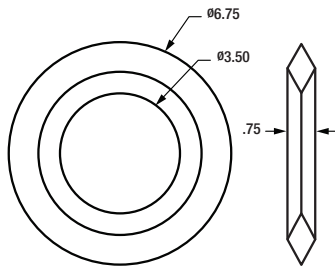
PATENTED TECHNOLOGY



**HEAT-X135**



**HEAT-X160**

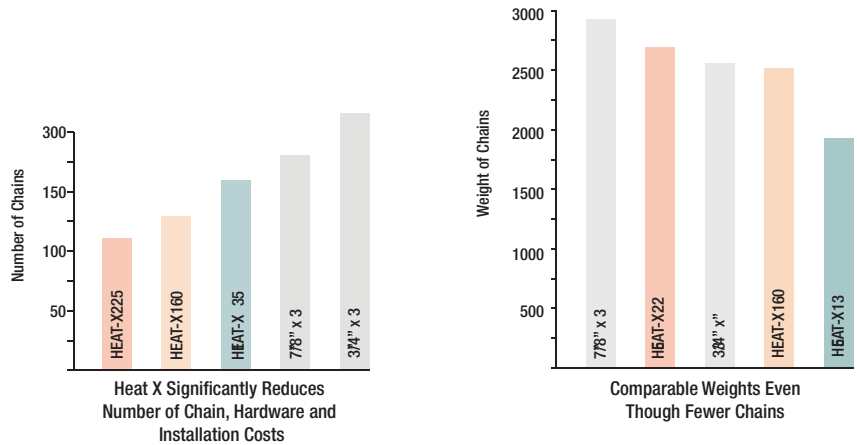


**HEAT-X225**

## CHAIN SIZES

	Heat-X135	Heat-X160	Heat-X225	3/4" x 3"	7/8" x 3"
in.2/ft	149.6	184.4	215.7	110.7	132.0
lb/ft	6.02	9.72	12.14	5.92	8.08
Links/ft	4	4	3.43	4	4

## COMPARISON OF 10' CHAINS FOR A 2.5 FT<sup>2</sup>/FT<sup>3</sup> DENSITY IN A 10' SECTION OF 14' 0 KILN



Heat X Significantly Reduces Number of Chain, Hardware and Installation Costs

Comparable Weights Even Though Fewer Chains

# JAMMB HEAT-X ROTARY KILN CHAIN

PATENTED TECHNOLOGY

Designation	Comparison	Temp Range	Application Area and Firing Source	Resistance to Sulphur	Carburization Resistance	Sigma Phase Res.
JBC 60	Carbon Steel	Up to 500°C	Inlet Areas Gas, Oil, Coal Fired	Average	Poor > 500°C	Good
JBC 1600	9F, Ferritic	500°C - 900°C	Mid Position Areas Oil and Gas Fired	Good	Good	Good
JBCA 18-18 Micro	304, Austenitic	500°C - 900°C	Mid Ranged Areas Gas and Coal Fired	Below Average	Good	Good
JBCA 20-10 Micro	309, Austenitic	800°C - 1050°C	Mid to Burning Areas Gas and Coal Fired	Below Average	Excellent	Good
JBCA 1650	85MA, Aust/Mang	500°C - 900°C	Radiation/Burning Areas Oil, Gas, Coal Fired	Good	Good	Average
JBCA 1750	115MA, Aust/Mang	850°C - 1200°C	Radiation/Burning Areas Oil, Gas, Coal Fired	Excellent	Good	< 750°C

## HEAT-X KILN CHAIN

JAMMBCO patented HEAT-X CHAIN SYSTEMS have many advantages over conventional round link chain.

- **Reduced Dust Generation**
- **Increased Heat Transfer**
- **Increased Fuel Efficiency**
- **100% more surface area per link**
- **50% fewer rings compared to round**
- **Lower installation cost**
- **JAMMBCO exclusive Alloys**

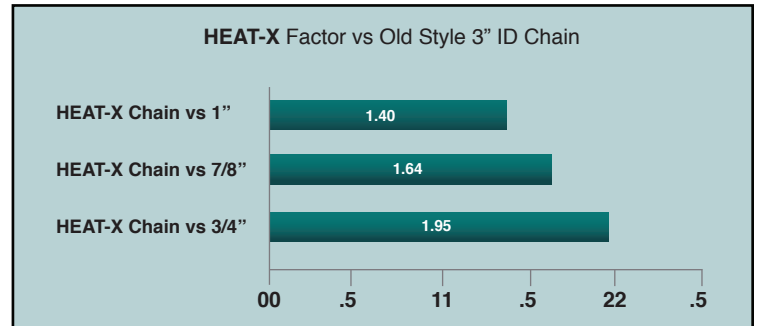
For your kiln operations, this means:

- **Fuel savings**
- **Reduces hardware costs**
- **Reduces installation costs**
- **Improved kiln production**
- **Reduces dust recycle**

As shown in the chart and graph, the “HEAT X FACTOR” for JAMMB HEAT X chain is higher than that of old style round chain.

For example:

- 1 ft of Heat X Chain = 1.95 ft of 3/4" x 3" Old Style
- 1 ft of Heat X Chain = 1.64 ft of 7/8" x 3" Old Style
- 1 ft of Heat X Chain = 1.4 ft of 1" x 3" Old Style



	Weight/ft (lbs/ft)	Surface Area (ft <sup>2</sup> /ft)
<b>HEAT-X Chain</b>	<b>12.07</b>	<b>1.50</b>
Old Style Round 3/4"	5.86	0.77
Old Style Round 7/8"	8.1	0.92
Old Style Round 1"	10.79	1.08

In addition, HEAT X dust generation can be expressed as the inverse of the “Heat X Factor” and thereby dramatically reducing your dust recycle.

For example:

- $1/1.95 = 51\%$  less dust, Heat X vs. 3/4"x 3" Old Style
- $1/1.64 = 61\%$  less dust, Heat X vs. 7/8"x 3"
- $1/1.4 = 71\%$  less dust, Heat X vs. 1"x 3"