

The "BOLT" - Lag Style - Patent Pending

Technical Data Sheet

All Industries

01/11

Hi-Alumina Retention System

Jayne Industries is proud to announce and present the "BOLT". The "BOLT" was designed to both repair and compliment existing furnace linings. The "BOLT" can easily penetrate and hold onto a refractory fiber, insulating firebrick or light weight monolithic lining.

For repairs, a blanket patch can be placed over a damaged area and very simply the "BOLT" is drilled or ratchet driven through the new hot face and into the back up lining. The "BOLT" will easily penetrate wallpaper, modules and low density board linings. No mark out required, simply "BOLT" as required.

To improve lining efficiencies that have degraded after months or years of service the "BOLT" simplifies the "veneering" process. Apply one or two layers of new blanket and drill the "BOLT" through to a tightened position.

The "BOLT" holds equally well in both wall and roof application.

Holding power has been measured up to 35 lbs per "BOLT" in fibrous linings. Compare this to a 1" thickness of 8# density Maftec weighing .67 lbs or 2" - 1.34 lbs per square foot.

Bolts are typically applied at 1 per 1.5 sq.ft on walls and 1 per 1.25 sq.ft. on roof areas. Burner openings, door areas, flues etc are simply "BOLTED" as required.

Fast, effective, solutions to costly downtime and disposal issues.

"BOLT IT"



CLOSE SHRINKAGE GAPS



50 PIECES/CARTON



8" LAG BOLT



EASILY DRILLS THROUGH BOARD

LAG BOLT

Has the following calculated fired composition

Al ₂ O ₃	-	85 - 90%
SiO ₂	-	10 - 15%
FE ₂ O ₃	-	<1.00 %
MgO	-	<1.00 %
CaO	-	<1.00 %
Others	-	<2.00 %

Absorption	15.7%
Apparent Porosity	35%
Specific Gravity	3.47
Bulk Density	2.25 gm/cc
Operating Temperature	3000°F



SUPPORTING OVER 70 LBS

INDUSTRIES SERVED

- ☞ Refining - Petrochemical
- ☞ Rock Products
- ☞ Chemical
- ☞ Steel

- ☞ Non-Ferrous
- ☞ Die-Casting
- ☞ Power Generation
- ☞ Incineration

- ☞ Zinc
- ☞ Boiler Manufacturing
- ☞ Primary Aluminum
- ☞ Secondary Aluminum

- ☞ Precast Manufacturing
- ☞ Mineral Processing
- ☞ O.E.M. Furnace Builders
- ☞ Cremation