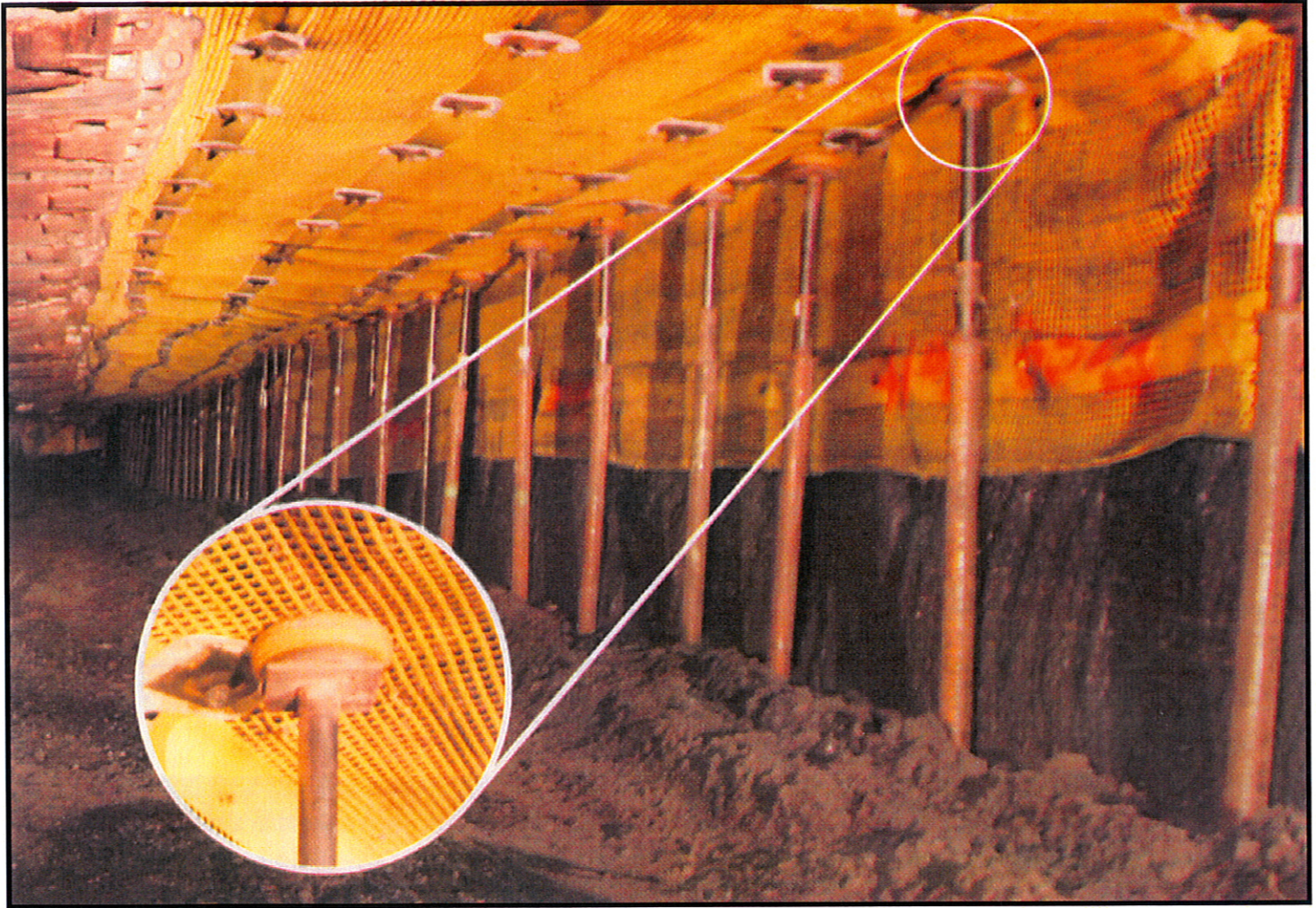


# THE BALL BUSTER PROP



The Ball Buster Prop 2.4m - 3m - height used in Take-off Face, with a pre-stressing Jack Pot device

## FEATURES

- 0.6m height extension (minimum).
- High load capacity (25-50t)
- Stable yield of 0.6m
- Can be preloaded (by using a Jackpot or similar)
- Can be fitted with different sized and shaped head and base plates

## BENEFITS

- No tools needed to set the props
- The props can be re-installed if not under load
- Relatively light weight
- Very rapid and easy installation



The Ball Buster Prop after 450mm of stable closure.



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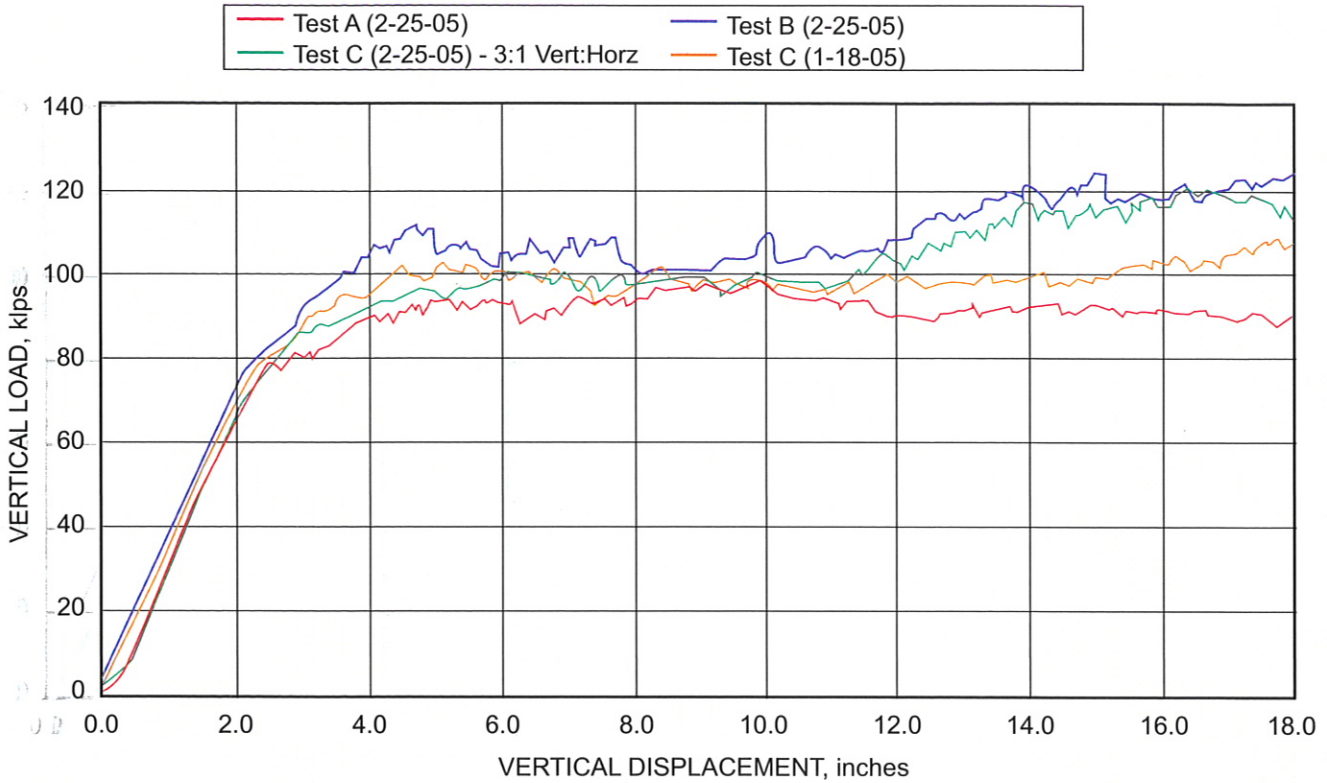
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**NIOSH PITTSBURGH RESEARCH LABORATORY  
BALL BUSTER - 2.1 METRES HIGH**



NOTE: The green curve is tested at a 3:1 vertical to horizontal closure (non-axial loading).  
100 kips is 50 imperial tons (about 45 metric tons).

**Typical Prop Details**

	Height range	Load	Weight
1	1.2m - 1.8m	50 t	± 32 kg
1	1.5m - 2.1m	50 t	± 35 kg
1	1.8m - 2.4m	50 t	± 38 kg
2	2.1m - 2.7m	50 t	± 41 kg

**APPLICATIONS**

The Ball Buster Prop can be used for the following applications in coal mines:

- Longwall recoveries
- Tailgate supports
- Maingate supports
- Belt line entries
- Bleeder entries
- To replace cribs
- To support beams
- Intersection support

The Ball Buster Prop can also be used in hard rock mines such as:

- Halite/potash mines
- Hard rock mines where cemented backfill is used
- To support beams
- Where rock movement is expected



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