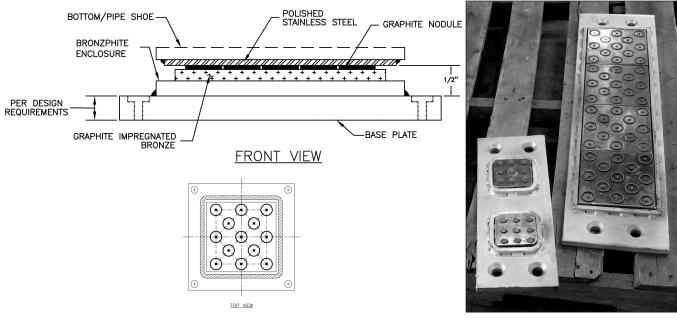
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BRONZPHITE® SLIDE PLATE



ASSEMBLY: Standard Assembly: Graphite impregnated bronze plate combined with a carbon steel backing plate, to be field welded. Loads up to 5000 PSI, temperature: up to 1100 °F.

ADVANTAGES: • Maintenance free.

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- Self lubricating.
- High wear resistance.
- Has an extended life.
- Lubrication does not deteriorate with wear.
- Prevents accumulation of dust and debris.
- Higher durability than standard graphite.
- Withstands extreme pressures and high temperatures.

APPLICATIONS: Bridges: Highway bridges, overpasses, railroad bridges.

Architectural in Wood, Concrete or Steel: Cross beam and girder slip joints, roof slabs and corbels, vibration pads, airport hangar doors, domes.

Industrial: Heat exchangers, dust collectors, heavy machinery, refinery equipment, wind tunnels, penstocks, vessels, pipelines, air preheaters, atomic energy applications, transmission towers, storage tanks, offshore drilling rigs.

ORDERING:

- Please specify the dimensions of the upper plate and dimensions of the lower plate. It is common practice that the upper plate is generally larger than the lower plate.
- 2. Specify base plate thickness.
- **INSTALLATION:** Welding: Generally, tack weld with the electric arc along the outside edge for a solid installation. Wherever full weld is desired, a ¹/₄" weld is used along the sides of the base plate to the substrate. The full weld would prevent seepage of water between the Bronzphite[®] bearing and the support structure.

Installing in Concrete: When installing Bronzphite[®] slide plate assemblies in concrete, anchor bolts will be integrated into the base plates for attachment to either the concrete form rebar structure or simply within the concrete itself.