

# DYNALON

Composed of highest quality PTFE sheet, **DYNALON** can be permanently bonded to any size, type or thickness of steel plate, **MASTICORD** pad, or **CAPRALON** pad.

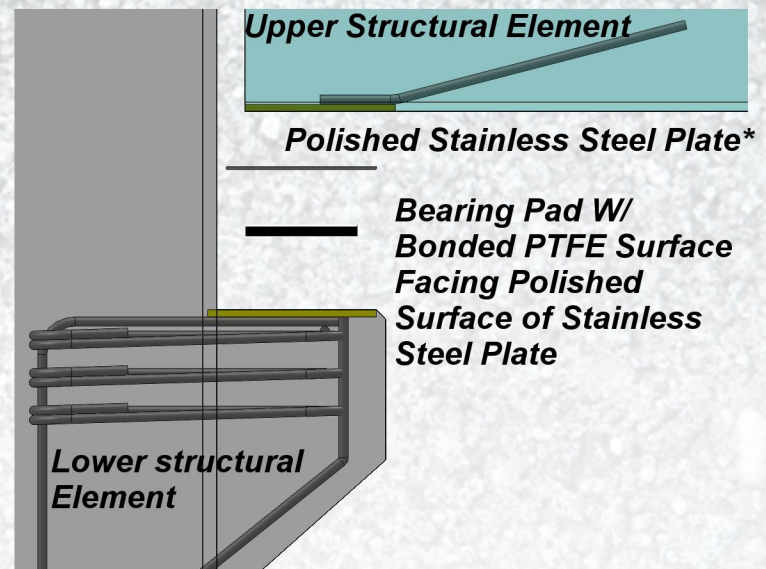
Assemblies can be furnished complete or **DYNALON** can be bonded to customer supplied assemblies.

## Advantages

- Meets AASHTO Specifications
- Low Coefficient of Friction
- High Load Capacity
- Maintenance Free
- Easy Installation

## Typical Applications

- Bridges
- Parking Decks
- Offices
- High Rises
- Hospitals
- Warehouses
- Pipelines
- Sports Arenas



## Exploded Typical Precast Detail

\*Stainless steel plate should overhang bearing pad w/ bonded PTFE surface on all sides. Stainless steel plate should be fastened to upper structural element. Consult Masticord Design Guide 3rd Ed. for additional design requirements.

# Slide Bearings



## Your Connection Connection

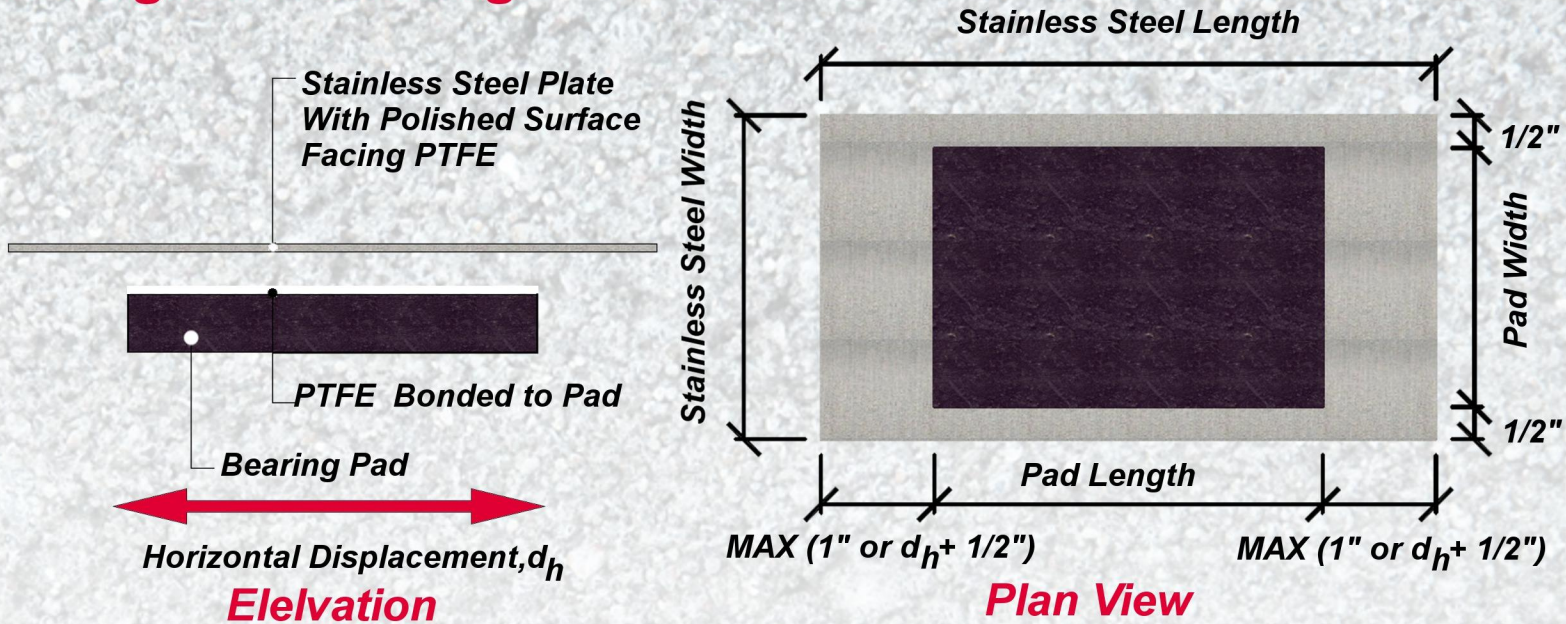
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847/675-1560 • Fax 847/675-0083 • 1-800-742-8127 • <http://www.jvi-inc.com>





# DYNALON

## Design & Detailing



Slide bearing should be designed and specified by a qualified professional per the appropriate design requirements. Additional design information can be found in the Masticord Design Guide, 3rd Ed.

## Product Specifications

| Properties   | ASTM Test Method | Unfilled     | Filled*      |
|--|------------------|--------------|--------------|
| Tensile Strength (MIN)   | D-4894/D-4895    | 2800 PSI     | 2000 PSI     |
| Elongation (MIN)   | D-4894/D-4895    | 200%         | 150%         |
| Coefficient of Friction<br>(Against a stainless steel mating surface with a 2B finish or smoother) | N/A              | 0.06 Typical | 0.10 Typical |
| Maximum Compressive Load Recommendation  | N/A              | 2000 PSI     | 2500 PSI     |
| Specific Gravity   | D-792            | 2.13-2.19    | 2.18-2.25    |

\* Masticord Design Guide 3rd Edition & Associated Software Assumes Filled Properties

## How To Specify

- Specify Pad Material, Thickness, Length and Width
- Specify PTFE Material and Thickness
- Specify Stainless Steel Plate Thickness, Length, Width and Required Polished Surface Finish

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