

# Burmah Castrol Strips



## Description:

- Laminated Magnetic Flux Strips, alternatively recognized as Type G Burmah-Castrol Strips, feature a high-permeability steel core enveloped in 0.002-inch (0.05 mm) thick brass cladding on both sides.
- The core incorporates three slots of varying widths, introducing deliberate discontinuities that manifest as linear indications within a magnetic field.
- Distinguished by their structural rigidity in comparison to QQIs, Laminated Magnetic Flux Strips exhibit limited flexibility around curved surfaces. Notably, unlike QQIs, these strips lack permanent affixation to a component, allowing for their reuse across multiple applications.
- It is imperative to note that due to their propensity to generate linear indications solely in one direction, Laminated Magnetic Flux Strips are not conducive to deployment in scenarios requiring multi-directional magnetization.

## Instructions:

- Place the flux indicator strip directly on the targeted area, securing it manually or with adhesive/tape.
- Avoid taping the centre to ensure indication formation.
- For optimal results, orient the strip with its long dimension perpendicular to the applied magnetic field.
- After positioning, activate the magnetic field, and apply magnetic particles (wet suspension or dry powder).
- Indications aligned perpendicularly to the magnetic flux will be more pronounced, while aligning the strip parallel to the flux will yield no indications.

## Specifications Compliance:

- ASTM E709
- ASTM E1444
- ASTM E3024
- ASME BPVC

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