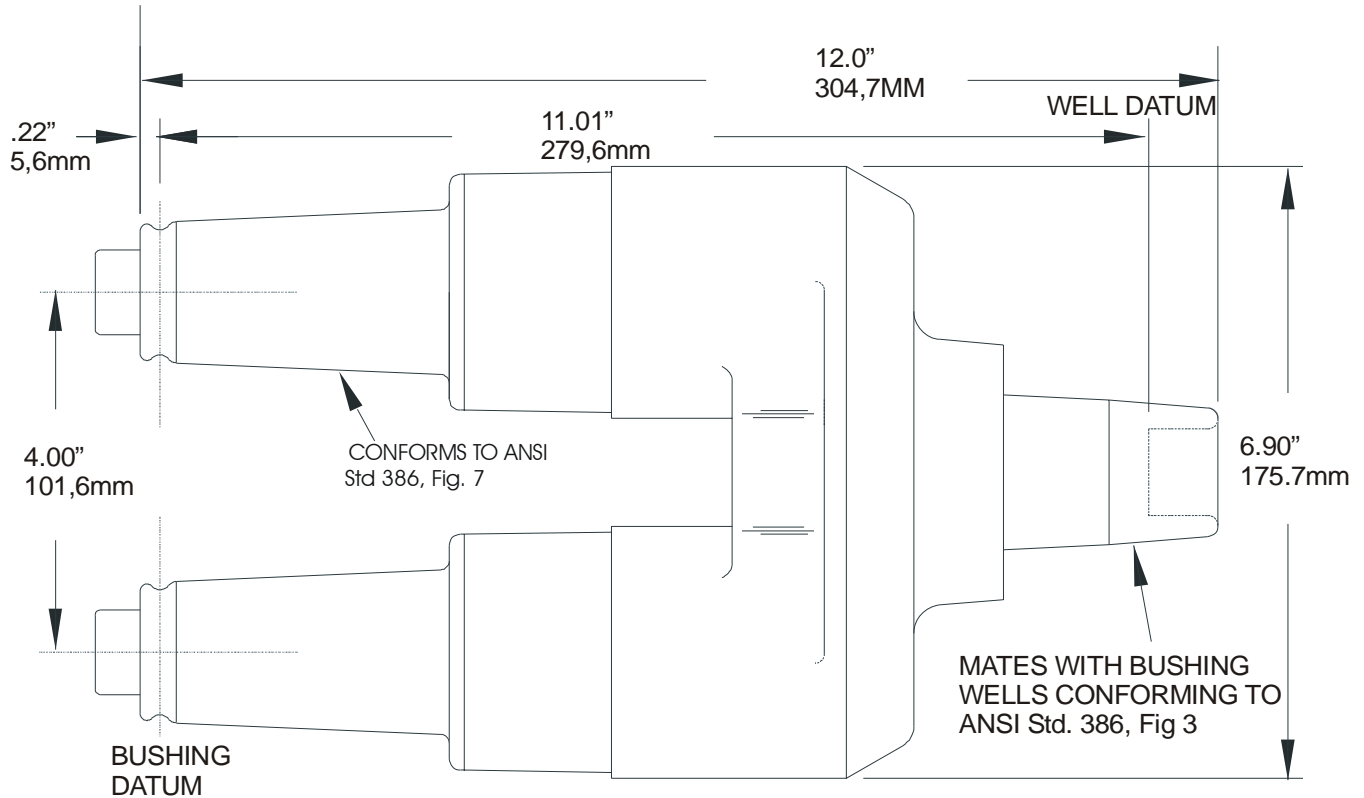


PRODUCT SPECIFICATION SHEET	I T C
35kV 200A Loadbreak Feed-Thru Insert	3702A1



The Elastimold 3702A1 feed-thru bushing insert is 1 Ø rated with two 35kV class, 200 Amp load break bushing interfaces. The feed-thru bushing insert fits a standard ANSI bushing well interface and provide the capability of creating a tap position in an existing apparatus installation and transforming a radial-feed transformer into a loop-feed unit.

Features

- Transform radial feed transformer into loop-feed unit.
- Provide extra tap for elbow arrester connection
- 35kV, 200 Amp loadbreak rated.
- Peroxide-cured insulation and jacket.

Ordering Instructions:

To order, specify number **3702A1** bushing insert.

The 3702A1 bushing insert includes the following:

- | | |
|------------------------------|---------|
| 1 – Feed-thru bushing insert | 3702A1 |
| 2 – Protective shipping cap | 2701-41 |
| 1 – Bail assembly | 2702-16 |
| 3 – Lubricant | 82-08 |
| 1 – Installation instruction | IS-0114 |

Ratings

- per ANSI/IEEE Standard 386
- 35kV Voltage Class, 1 Ø rated
- 21.1kV Max Phase-to-Ground - Operating Voltage
- 36.6kV Max Phase-to-Phase
- 150V BIL - Impulse Withstand (1.2 x 50 microsecond wave)
- 50kV AC - One minute Withstand
- 103kV DC - 15 Minutes Withstand
- 26kV AC - Corona Extinction @ 3p.C.sensitivity
- 200 Amp - Continuous and Loadbreak, 1 Ø rated
- 10kA Sym - 10 Cycles Momentary & Fault Close, 1 Ø rated

Applications

It may be used as the bushing interface for connecting shielded cable to the following:

- | | |
|----------------------------|--------------|
| * Sub-surface transformers | * Generators |
| * Pad mounted transformers | * Switchgear |
| * Regulators | * Reclosers |

Designed for use as an apparatus bushing interface and provide extra tap connection, the 3702A1 is easily installed in an ELASTIMOLD universal bushing well and mated with an appropriate ELASTIMOLD product.