

SUBMITTAL

HYDRANT BREAK – OFF STUDS

Abstract of ASTM A307 A & B , ASTM A36

Low carbon steel studs modified to reduce the studs strength allowing “shearing” at the flanged joint upon impact

Chemical Requirements

- Phosphorous max 0.06
- Sulfur max 0.15

Mechanical Requirements (Before Drilling)

- Hardness Brinell Min 121 Max 241
- Hardness Rockwell Min 69 Max 100
- Tensile strength (KSI) Min 60 Max ---
- Elongation Min 18 IN 2in (50mm)

Hex Nuts ASTM A563 (ASME B18.2.2) Washers ASTM F844-90

Black Plain Zinc Plated Hot Dip Galv Tripac 2000 Blue

Buried Submerged Above Grade Below Grade Other

Dimensional Data

- Unless otherwise specified, threads shall be the coarse thread series as specified in the latest issue of ANSI/ASME B1.1, page A-26.
- Having a class 2A tolerance.
- Break-Off studs have a machined groove in the middle with the dimensions of 3/16” wide x 5/16” deep
- Additional information can be found in ASTM A307, DTD 2001, ASTM A563, and DTD 2001.

TRIPAC

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