

**CRITICAL  
FASTENERS  
FOR  
HAZARDOUS  
PRESSURE  
ENVIRONMENT**

**EISEN**



STAINLESS STUDS | STAINLESS NUTS | STAINLESS PLUGS



**TOUGH ENVIRONMENTS  
NEED TOUGH PRODUCTS  
PRESSURE EQUIPMENT DIRECTIVE  
AND HAZARDOUS ENVIRONMENT  
PRODUCT LINE**

*Assemblydirect*

Eisen Electric Corporation  
eisennet.com

64-EAD

## STUDS



### Description

B7, B7M, B8 and B8M are materials specifically designed for use with high-pressure/high-temperature pipe flanges or other applications where strength and temperature may be a concern.

Stainless steel studs provide excellent protection against rust and corrosion. Used in chemical, food and other industries where corrosion resistance is required. 18-8 provides excellent corrosion resistance. 316 provides better corrosion resistance than 18-8 and is non-magnetic. Nickel Alloy 20 is a super alloy developed for hazardous applications involving sulfuric acid. Its corrosion resistance also finds other uses in the chemical, petrochemical, power generation, food, plastics, synthetic fibers, gasoline, explosives, and solvents. bushing for your application.

### Key Stud Products

B7 Studs ANSI ASTM 193-B7 Class 1 Steel with specialty coatings

B7M Studs ANSI ASTM 193-B7M Class 1 Steel post machined with specialty coatings

B8 Studs ANSI ASTM 193-B8 Class 1 Stainless Steel 304 Minimum tensile strength is 75,000 psi

B8M Studs ANSI ASTM 193-B8 Class 1 Stainless Steel 316 Minimum tensile strength is 75,000 psi

B7 Studs METRIC ASTM 193-B7 AISI 4140 Steel with specialty coatings



B7M Studs METRIC ASTM 193-B7M AISI 4140 Steel post machined with specialty coatings

B8 Studs METRIC ASTM 193-B8 DIN ISO 976-1 Stainless Steel SS304 Minimum tensile strength is 70,000 psi.

B8M Studs METRIC ASTM 193-B8M DIN ISO 976-1 Stainless Steel 316 Minimum tensile strength is 70,000 psi.

### Additional Products

Nickel Alloy 20, Carpenter® 20, Incoloy® 20 Machined parts, studs and nuts  
A194 GRADE 7 Heavy Hex Nuts  
A194 GRADE 8 Heavy Hex Nuts  
A194 GRADE 8M Heavy Hex Nuts

Offering complete traceability of HEAT CERTS, and 3.1 CERTIFICATE TO ISO 10474.

## NUTS



### Heavy Hex Nuts

Eisen offers all Heavy Hex Nuts with full traceability for pressure equipment use. Each item is offered with heat-code marking when needed for your project.

A194 2H Heavy Hex Nuts  
A194 Grade 7 Heavy Hex Nuts  
A194 Grade 7M Heavy Hex Nuts  
A194 Grade 8 Heavy Hex Nuts  
A194 Grade 8M Heavy Hex Nuts  
A194 Grade 8 Strain Hardened Heavy Hex Nuts  
A194 Grade 8M Strain Hardened Heavy Hex Nuts



## PIPE PLUGS

EISEN provides NPT and SAE pipe plugs in Stainless 316 material with full traceability and certification for critical infrastructure applications.



Common manufactured sizes:

1/16"  
1/8"  
3/16"  
1/4"  
3/8"  
1/2"



## Facilities: Global Reach

- 3 North American Manufacturing Alliance Sites
- 1 Asian Manufacturing Site
- ▲ 3 Global Sales Locations
- 1 Global Technology Center



[www.eisennet.com](http://www.eisennet.com)

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