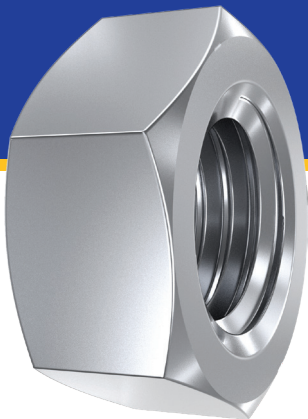


# HEX NUT BSW STAINLESS STEEL



## APPLICATION

Bremick® Hex Nuts BSW Stainless Steel are designed for industrial and construction applications where high tensile superior performance is required

## PRODUCT ATTRIBUTES

**Material Class:** Stainless Steel 304 CW1

**Thread Form:** Normal Class BSW

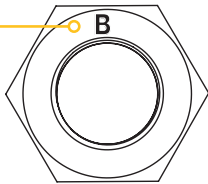
**Standard:** Complies to Bremick Specification

**Mechanical Properties:** Complies to ASTM F594:2024

**Chemical Composition:** Complies to ASTM F594:2024

## MARKING

Manufacturer Mark



In some cases, the Bremick marking will be replaced by the mark of the original manufacturer

## MECHANICAL PROPERTIES

| STRESS UNDER<br>PROOF LOAD (ksi) | HARDNESS |  |
|----------------------------------|----------|--|
|                                  | ROCKWELL |  |
| MIN                              | RANGE    |  |
| 100                              | B95-C35  |  |

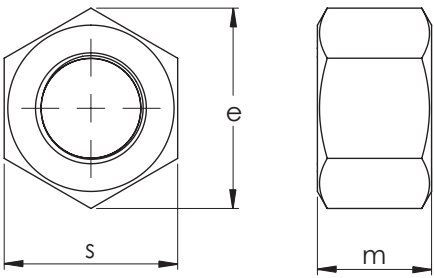
## CHEMICAL COMPOSITION (%)

| STAINLESS STEEL<br>GRADE | C    | Mn   | P     | S     | Si   | Cu   | Ni       | Cr        |
|--------------------------|------|------|-------|-------|------|------|----------|-----------|
|                          | MAX  | MAX  | MAX   | MAX   | MAX  | MAX  | RANGE    | RANGE     |
| 304                      | 0.08 | 2.00 | 0.045 | 0.030 | 1.00 | 1.00 | 8.0-10.5 | 18.0-20.0 |

## FINISH INFORMATION

| STAINLESS STEEL 304                                                                                                     |                                                                                                                                                                                                                        |                      |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| DESCRIPTION                                                                                                             | OVERVIEW                                                                                                                                                                                                               | CORROSION RESISTANCE |
| 304 is the most commonly used stainless steel. It is an austenitic, offers excellent strength and corrosion resistance. | Bremick® 304 Stainless Steel provides an extreme level of protection and is recommended for wet external application. Bremick® 304 Stainless Steel is an austenitic stainless steel that offers all round performance. | Extreme              |

DIMENSIONAL DATA (inches)



| DIAMETER<br>(inches) | TPI | ACROSS FLATS<br>(s) |       | ACROSS CORNERS<br>(e) | NUT HEIGHT<br>(m) |       |
|----------------------|-----|---------------------|-------|-----------------------|-------------------|-------|
|                      |     | MIN                 | MAX   | MAX                   | MIN               | MAX   |
| 1/2                  | 12  | 0.736               | 0.750 | 0.950                 | 0.427             | 0.437 |

SOCKET OR SPANNER SIZE (inches)

|              |       |
|--------------|-------|
| NUT DIAMETER | 1/2   |
| SOCKET SIZE  | 0.750 |

Whilst every care was taken in the preparation of this publication, Bremick® accepts no responsibility for the accuracy of the information supplied. Bremick® reserves the right to make alterations to specifications as part of ongoing development and improvement. This publication serves as a guide and it's the responsibility of the end user to ensure suitability for their application.

The contents of this publication are the exclusive copyright of Bremick® and may not be reproduced without permission.

**Bremick Pty Ltd**  
 Head Office | 88 Dalmeny Avenue, Rosebery 2018  
 National Distribution Centre | M5/M7 Logistics Park,  
 Warehouse 4B, 290 Kurrajong Road, Prestons NSW 2170  
[www.bremick.com.au](http://www.bremick.com.au)