EXAMPLE OF PART NUMBER:

BG2044( )-08-( )X 13/64

DESIGNATION: " " = NOMINAL DIA
"X" = 1/64" OVERSIZE
"Y" = 1/32" OVERSIZE

DESIGNATES MAX. GRIP IN 1/16" INCREMENTS
DESIGNATES BASIC DIMENSIONS
DESIGNATES SPECIAL CODE
DESIGNATES BASIC PART NUMBER

U.S. PATENT NO.: 5,498,110; 5,634,751 AND FOREIGN PATENTS PENDING

MONOGRAM AEROSPACE FASTENERS
3423 SOUTH GARFIELD AVENUE
COMMERCE, CALIFORNIA 90040
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TRIAM COMPANY

MONOGRAM AEROSPACE

Aerospace Fasteners

Osi Bolt™

MS20426 100° Flush Tension Shank
Close Tolerance Shank
Inconel 718, 112 KSI Shear Strength
1/16" Grip Variation

Drawing No. BG2044

Title: Osi Bolt™

Drawing Date: 06-29-13

ECN Date:

Approval Date:

TYPICAL INSTALLATION

MAX BREAK-OFF (HIGH POINTS)
MEASURED FROM TOP OF BODY
(SEE BG2003)

U.S. PATENT NO.: 5,498,110; 5,634,751 AND FOREIGN PATENTS PENDING
MANUFACTURE OR REPRODUCTION OF THE ARTICLE DISCLOSED, AND THE DELIVERY OF THIS DOCUMENT SHALL NOT CONSTITUTE ANY RIGHT OR LICENSE TO DO SO.

ANY PERSON EXCEPT TO MEET THE PURPOSE FOR WHICH IT WAS DELIVERED.

A:

AND AGREES:

U.S. PATENT NO.: 5,498,110; 5,634,751 AND FOREIGN PATENTS PENDING

GENERAL NOTES:

INSTALLATION SPECIFICATION: BG 2003

PROCUREMENT SPECIFICATION: BG 2000

GENERAL NOTES:

1. LUBRICANT. SOLID FILM LUBRICANT PER AS5272, TYPE I AND/OR PARAFFIN WAX OR CETYL ALCOHOL AS REQUIRED FOR PERFORMANCE. AS5272 THICKNESS AND PAINT ADHESION REQUIREMENTS DO NOT APPLY. SOLID FILM LUBRICANT NOT ALLOWED ON COREBOLT HEAD AND BODY HEAD SURFACES NOR ON EXTERIOR BODY. SLIGHT OVERSPRAY INTO RECESS AND BODY EXTERIOR IS ALLOWED.

2. LOCKING FEATURE CONSISTS OF THREE (3) INDENTATIONS LOCATED 120° APART ON THE PERIPHERY OF THE NUT COMPONENT.

3. SEE BG2003 FOR INSTALLATION AND REMOVAL INFORMATION.

4. GRIP LENGTHS NOT LISTED MAY BE AVAILABLE UPON REQUEST.

5. INSTALLATION HOLE SHALL BE RADIUSED TO CLEAR HEAD TO SHANK RADIUS.

6. ALL DIMENSIONS TO BE NET AFTER FINISH AND BEFORE LUBRICATION.

7. CONICAL SURFACE OF HEAD SHALL BE CONCENTRIC TO SHANK DIAMETER WITHIN .005 T.I.R.

8. CONICAL SURFACE OF HEAD SHALL BE CONCENTRIC TO SHANK DIAMETER WITHIN .015 T.I.R.

9. AND AGREES:

10. THICKNESS AND PAINT ADHESION REQUIREMENTS DO NOT APPLY. SOLID FILM LUBRICANT NOT ALLOWED ON COREBOLT HEAD AND BODY HEAD SURFACES NOR ON EXTERIOR BODY. SLIGHT OVERSPRAY INTO RECESS AND BODY EXTERIOR IS ALLOWED.

11. THICKNESS AND PAINT ADHESION REQUIREMENTS DO NOT APPLY. SOLID FILM LUBRICANT NOT ALLOWED ON COREBOLT HEAD AND BODY HEAD SURFACES NOR ON EXTERIOR BODY. SLIGHT OVERSPRAY INTO RECESS AND BODY EXTERIOR IS ALLOWED.

12. THICKNESS AND PAINT ADHESION REQUIREMENTS DO NOT APPLY. SOLID FILM LUBRICANT NOT ALLOWED ON COREBOLT HEAD AND BODY HEAD SURFACES NOR ON EXTERIOR BODY. SLIGHT OVERSPRAY INTO RECESS AND BODY EXTERIOR IS ALLOWED.

13. THICKNESS AND PAINT ADHESION REQUIREMENTS DO NOT APPLY. SOLID FILM LUBRICANT NOT ALLOWED ON COREBOLT HEAD AND BODY HEAD SURFACES NOR ON EXTERIOR BODY. SLIGHT OVERSPRAY INTO RECESS AND BODY EXTERIOR IS ALLOWED.

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