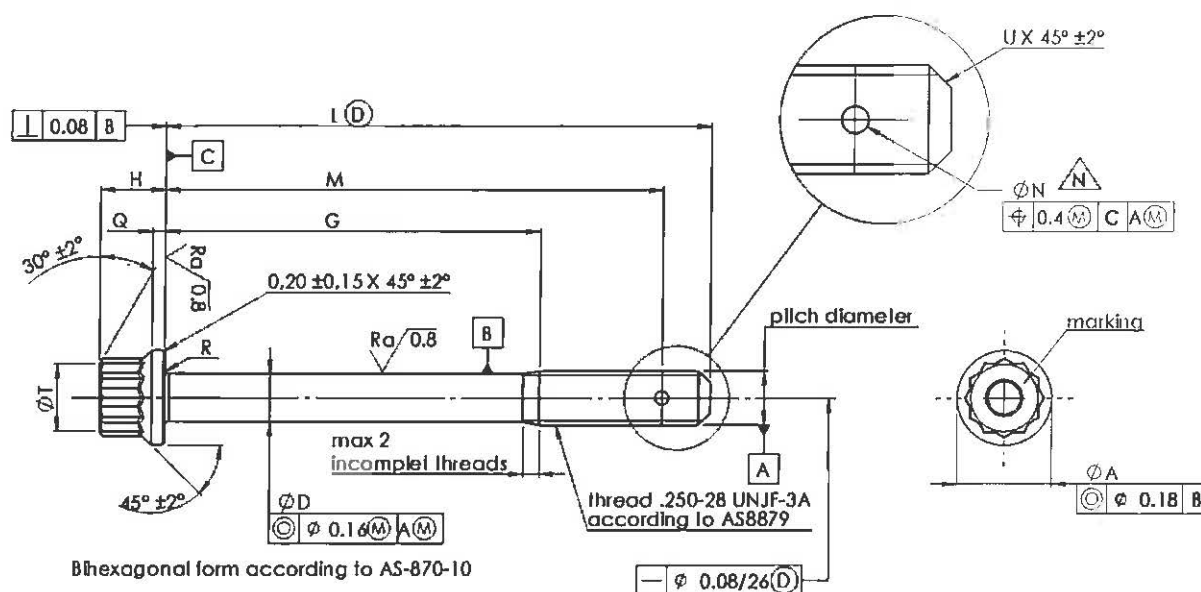
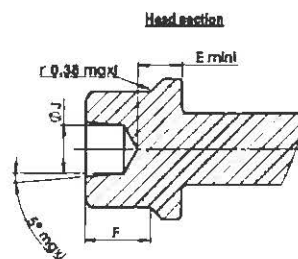




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# **BOLT DOUBLE HEXAGON HEAD INCONEL718 1275MPa/150° Max**

**BA 3420**



**GENERAL NOTE: UNLESS OTHERWISE SPECIFIED ON DRAWING**

**Units:** Dimensions and tolerances are in mm.

**Surface texture:** Ra 3.2  $\sqrt{\text{ }}$  per ASME B46.1.( except areas specified on the drawing )  
Part shall be free of burrs

**Material:** INCONEL 718 as per AMS5662  
R min = 1275 MPa ( 185Ksi )

| Technical Center | Drawn by | Signature | Date       | Approved by | Signature | Date       | Issue |
|------------------|----------|-----------|------------|-------------|-----------|------------|-------|
| PAGE 1/3         | D PERNES |           | 13/02/2015 | B.REGNARD   |           | 13Fev 2015 | C     |



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## **1. Bolt and definition**

### Configuration – Dimensions – Tolerances

| Ø<br>Code | Thread<br>AS 8879  | ØA<br>±0.1 | ØD<br>+0.25<br>0 | E<br>mini | F<br>mini | G<br>±0.75 | H   | ØJ  | L    | Q<br>min | R<br>±0.13 | ØT  | U   | Tensile<br>loads<br>Mini kN |
|-----------|--------------------|------------|------------------|-----------|-----------|------------|-----|-----|------|----------|------------|-----|-----|-----------------------------|
| 8         | .250-28<br>UNJF-3A | 11.13      | 5.64             | 3.56      | 4.50      | 43.65      | 7.7 | 3.8 | 63.5 | 1.52     | 0.51       | 7.9 | 1.3 | 30.6                        |
|           |                    |            |                  |           |           | 46.15      |     |     | 66.0 |          |            |     |     |                             |
|           |                    |            |                  |           |           | 59.55      |     |     | 79.4 |          |            |     |     |                             |
|           |                    |            |                  |           |           | 62.05      |     |     | 81.9 |          |            |     |     |                             |

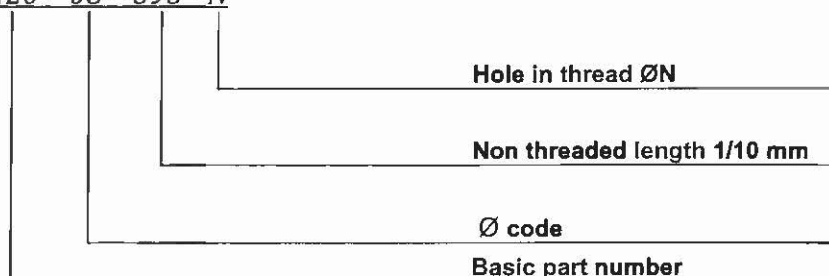
### **Option N**

| M<br>±0.1 | ØN<br>+0.1<br>0 |
|-----------|-----------------|
| 57.90     | 1.60            |
| 60.3      |                 |
| 74.58     |                 |
| 76.90     |                 |

General tolerances: ISO 2768 mk  
Leading and runout thread as RS 678  
Hole position tolerances: ISO 7913 (optional)

## **2. Designation**

BA3420 - 08 - 595 - N



## **3. Marking**

Per EN2424 Style A ( Size 0.8mm ).

## **4. Technical Specifications :**

AS7466 ( except UTS at 800°F )

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C

THIS DRAWING AND ALL TECHNICAL INFORMATION DISCLOSED THEREIN ARE THE EXCLUSIVE PROPERTY OF LISI AEROSPACE



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INCONEL718  
1275MPa/150° Max**

**BA 3420**

| Revision Level | Revision Date | Name      | Modifications                                                            |
|----------------|---------------|-----------|--------------------------------------------------------------------------|
| /              | 14/11/00      | N .GUERIN | New form, remplace<br>BA3350-08/BA3350-09                                |
| A              | 11/01/01      | N GUERIN  | ØA and minimum tensile load<br>added                                     |
| B              | 20/03/14      | D PERNES  | Addition of 2 new G length<br>46.15 and 62.05<br>AS7466 in place of TS24 |
| C              | 05/12/14      | D PERNES  | Reduction of F dimension for<br>manufacturing reasons                    |
|                |               |           |                                                                          |

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