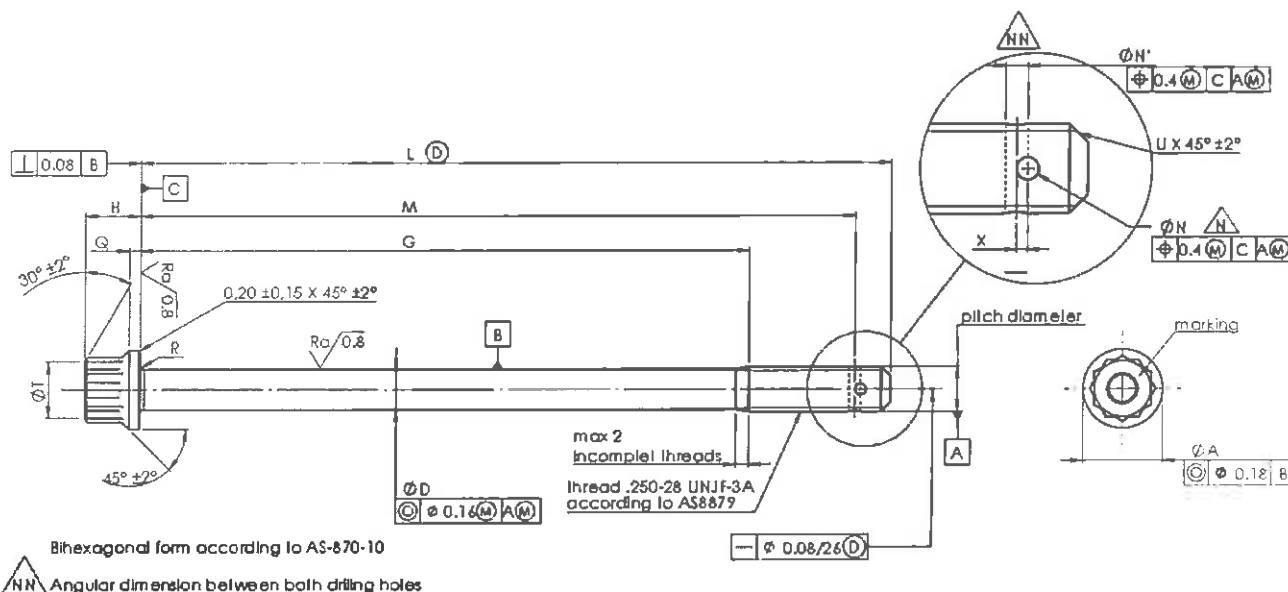
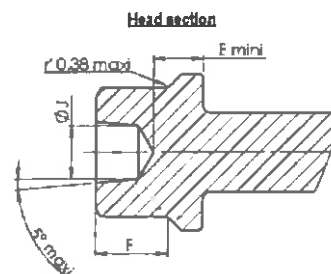




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# BOLT DOUBLE HEXAGON HEAD INCONEL718 1275MPa/650° Max

BA 3421



**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
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## **1. Bolt and definition**

### Configuration – Dimensions – Tolerances

Ø Code	Thread AS 8879	ØA ±0.1	ØD +0.25 0	E mini	F mini	G ±0.75	H	ØJ	L	Q min	R ±0.13	ØT	U	Tensile loads Mini kN
8	.250-28 UNJF-3A	11.13	5.64	3.56	4.50	84.95	7.7	3.8	104.8	1.52	0.51	7.9	1.3	30.6
						87.45			107.3					

### Option N et NN

M ±0.1	ØN +0.1 0	ØN' +0.1 0	X
99.8	1.60	1.60	0.80
101.65			

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

## **2. Designation**

*BA3421 - 08 - 849 - NN*

(-) Standard thread  
(NN) Hole in thread ØN and ØN'  
(N) Hole in thread ØN

Non threaded length 1/10 mm

Ø code

Basic part number

## **3. Marking**

Per EN2424 Style A ( Size 0.8mm ).

## **4. Technical Specifications :**

AS7466 ( UTS at 650°C following NASM1312-18 : minimum tensile load 24081 N )

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INCONEL718  
1275MPa/650° Max**

**BA 3421**

	Revision Date	Name	Modifications
/	14/11/00	N .GUERIN	New form , replace BA3350-11
A	11/01/01	N GUERIN	ØA and minimum tensile load added
B	20/03/2014	D PERNES	Addition of 1 new G length 87.45 and L length 107.3 AS7466 in place of TS24
C	05/12/14	D PERNES	Reduction of F dimension for manufacturing reasons

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