RIVET
Countersunk

Inactive for new design and procurement after 09-09
Exhaust stocks
Use ABS0056. See table of substitutions.

Table of substitution

P/N inactive	P/N substitutive
CAN43123-32-4	ABS0056-32-4
CAN43123-40-5	ABS0056-40-5

	Preparada/Prepared	Comprobada/Checked	Aprobada/Approved
Nombre/Name	C. Cabrerizo	J. Llorente	F. López Benito
Firma/Signature			

1 Scope and field of application

1.1 This standard specifies the dimensions and required characteristics of countersunk rivet for the assembly of trailing components which are required to be countersunk on both sides.

2 References

2.1 Applicable documents

AMS4982	Titanium alloy wire 44-5Cb.
ASTM B348	Standard specification for titanium and titanium alloy bars and billets
ISO8080	Aerospace anodic treatment of titanium and titanium alloys-sulfuric acid process.
EN 2424	Aerospace series-Marking of aerospace products
ABS0777	General technical specification for standard parts.
MIL-C-83488	Coating, aluminium, ion vapor deposited.

2.2 Equivalent standard

ABS0056	Rivet countersunk

3 Required characteristics

3.1 Configuration, Dimensions, Tolerances and Mass

3.1.1 Configuration shall be in accordance with figures 1 and 2.

3.1.2 Dimensions and tolerances shall conform with figures 1 and 2 and tables 1, 2 and 3

3.1.3 Mass shall be in accordance with table 3

3.1.4 If coating is previously approved to MIL-C-83488 then salt spray testing is not required.

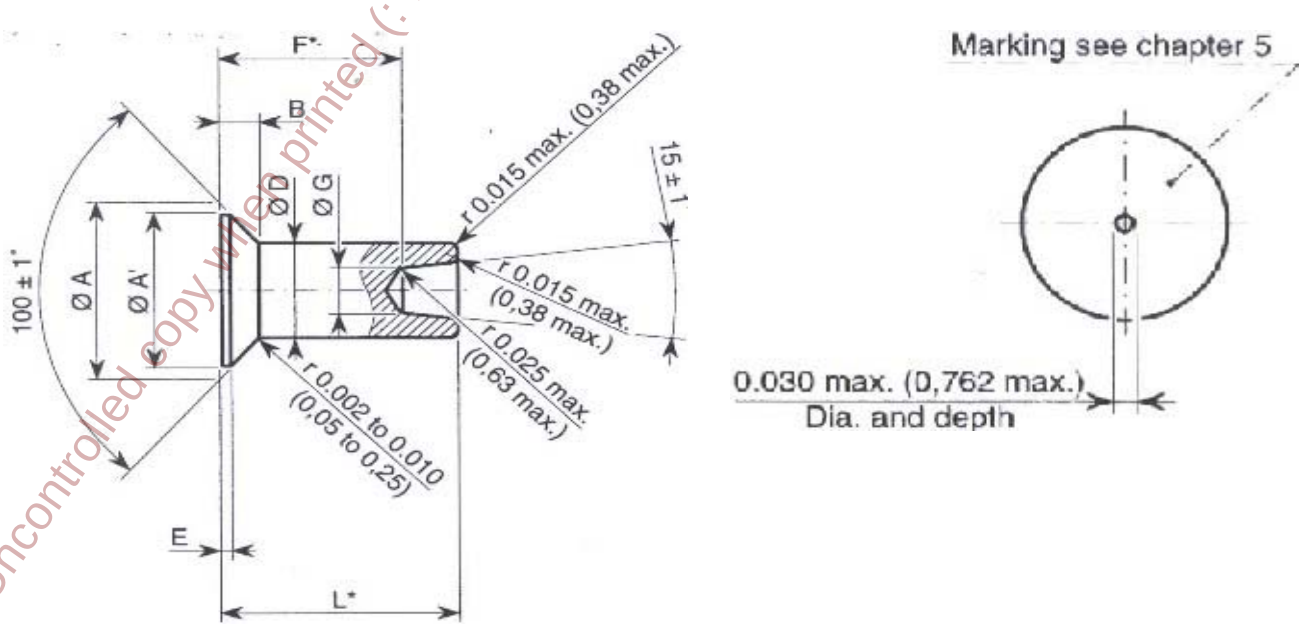


Figure 1- Configuration

Table 1- Dimensions- Tolerances

Dimensions in inch (mm)

DASH NUMBER	Ø A ± 0.004 (±0,10)	Ø A' min	B ref.	Ø D +0.003 -0.001 +0,08 (- 0,03)	E max.	Ø G +0.005 0.000 +0,13 (.. 0)
32	0.192 (4,88)	0.174 (4,42)	0.028 (0.71)	0.125 (3,175)	0.006 (0.15)	0.073 (1,85)
40	0.243 (6,17)	0.225 (5,71)	0.037 (0,94)	0.156 (3,962)	0.008 (0,20)	0.091 (2,31)

Table 3-Dimensions-Tolerances-Mass

GRIP DASH No.	GRIP RANGE		DASH 32				DASH 40			
	min	max	L ±0.005 (±0,127)	L1 +0.039 0 (+0,1 0)	F ±0.005 (±0,127)	MASS lb/100 (g/100)	L ±0.005 (±0,127)	L1 +0.039 0 (+0,1 0)	F ±0.005 (±0,127)	MASS lb/100 (g/100)
4	0.095 (2,41)	0.125 (3,17)	0.149 (3,78)		0.061 (1,55)	0.022 (10)				
5	0.126 (3,20)	0.156 (3,96)	0.180 (4,57)	0.191 (4,85)	0.092 (2,34)	0.028 (13)	0.186 (4,72)	0.203 (5,15)	0.084 (2,13)	0.050 (23)

3.2 Material

55Ti-45Cb Titanium alloy, chemical composition per AMS4982

3.3 Finish

Sulfuric acid anodizing as per ISO8080

3.4 Strength

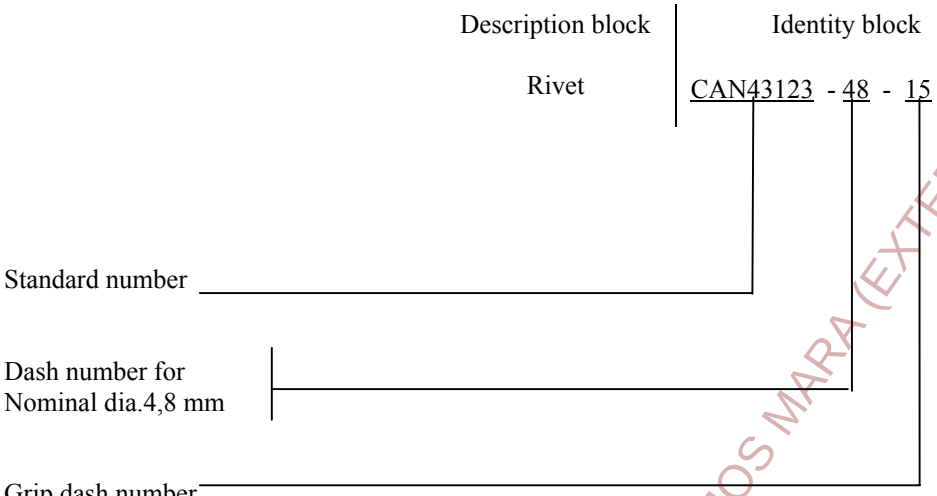
Table 4-Strength

DASH NUMBER	SHEAR STRENGTH MIN. (2) LBS (DaN)	TENSILE STRENGTH MIN (1) LBS (daN)
32	491 (218)	300 (133)
40	765 (340)	425 (189)

(1)Tensile strength testing for qualification only.
(2)Shear strength tests applicable to grips>2 ½ D only.

4 Designation

Each rivet shall only be designated as in the following example:



(1)Tensile strength testing for qualification only.
(2)Shear strength tests applicable to grips>2 ½ D only.

5 Marking

As per EN 2424 category G.

6 Technical specification

ABS0777

Registro de Revisiones / Record of Revisions

Edición Issue	Fecha Date	Descripción de la modificación Description of modification
(1)	02-86	First edition
(2)	---	Standard CAN43123 inactive for new design and replaced by ABS0056