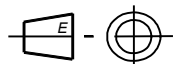


Prepared (also subject responsible if other) EAB/FST ERAUSN		No. 1301-SBA 530 Uen		
Approved EAB/FST (Kim Ljung)	Checked	Date 2010-11-18	Rev B	Reference



SCREW

1 INFORMATION

This product specification consists of,

- a. figure document 1/1301-SBA 530 Uen.
- b. text document 1301-SBA 530 Uen.

2 GENERAL

This product specification includes screws type SBA 530.

3 APPLICATION

This product specification shall be applied for choice, purchase, manufacturing and inspection.

In case of difference between this product specification and the purchase order, the purchase order shall apply.

4 DESIGN

Self Clinching Studs.

Squeeze lockable stud. To mount the stud, squeeze the stud into a punched or drilled hole, this action will allow the displaced material around the hole's edge to flow and lock the stud.

Thread : ISO metric screw threads. Coarse pitch .

Material: Stainless steel.

Manufakture: PEM type HFHS.

5 CORRESPONDING STANDARD

Design and dimensions according to DIN 931 and DIN 933

Threads according to ISO 261 and ISO 965.

Material according to Ericsson instruction.

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6 USE

This type of screw is suitable for use in sheets by steel, brass, copper or aluminium...

7 TECHNICAL DATA

Dimension		Thread size d			
		M5	M6	M8	M10
Pitch of the thread		0.8	1.0	1.25	1.5
D	+/- 0.25	7.8	9.4	12.5	15.7
K	max	1.14	1.27	1.78	2.29
LG	max	2.3	2.8	3.5	4.1
E	min	11.05	14.38	17.77	20.03
d1	max	5.13	6.13	8.13	10.13
	min	5.00	6.00	8.00	10.00
T	min	1.3	1.5	2.0	2.3
A	min	10.7	11.5	12.7	13.7
Property class		-	-	-	-

8 TOLERANCES

Tolerances except as stated see: 1043–127 Uen.

Burrs: The products shall have full surfaces and edges and all burrs removed that can cause injury to person or product..

9 TREATMENT

10 UNIT

Quantity shall be given in pieces.

11 MOUNTING

See the figure on page 1 in 1/1301–SBA 530 Uen.

12 PACKING

See 1055–108 Uen.

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13 INSPECTION

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14 REFERENCES

1011–386 Uen (1011–386 Ue)
Summary of rules for form defining drawings.

1042–101 Uen (1042–101)
Clearance holes for screws. Hole diameter before threading.

1043–127 Uen (1043–127)
Tolerance specification for M screw threads.

1055–002 Uen
Preference classes.

1055–108 Uen (105 52–108)
Supply conditions.

15 PRODUCT NUMBER

The product number is designed according to the following frame.

SBA 530 === / ===

a b c

a Type.

b Thread diameter in 0,1 mm.

c Length in 0,1 mm.

Example: SBA 530 100/0300.

16 PRODUCT LIST

Product number	d	L
SBA 530 050/0200	M5	20
SBA 530 050/0250	M5	25
SBA 530 050/0300	M5	30
SBA 530 060/0150	M6	15
SBA 530 060/0200	M6	20
SBA 530 060/0250	M6	25
SBA 530 060/0300	M6	30
SBA 530 060/0350	M6	35
SBA 530 080/0200	M8	20
SBA 530 080/0250	M8	25
SBA 530 080/0300	M8	30
SBA 530 080/0350	M8	35
SBA 530 080/0400	M8	40
SBA 530 080/0500	M8	50
SBA 530 100/0200	M10	20

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Product number	d	L
SBA 530 100/0250	M10	25
SBA 530 100/0300	M10	30
SBA 530 100/0350	M10	35
SBA 530 100/0400	M10	40
SBA 530 100/0500	M10	50

REVISIONS

Revision	Description
A	First revision.
PB1	SBA 530 060/0150 added