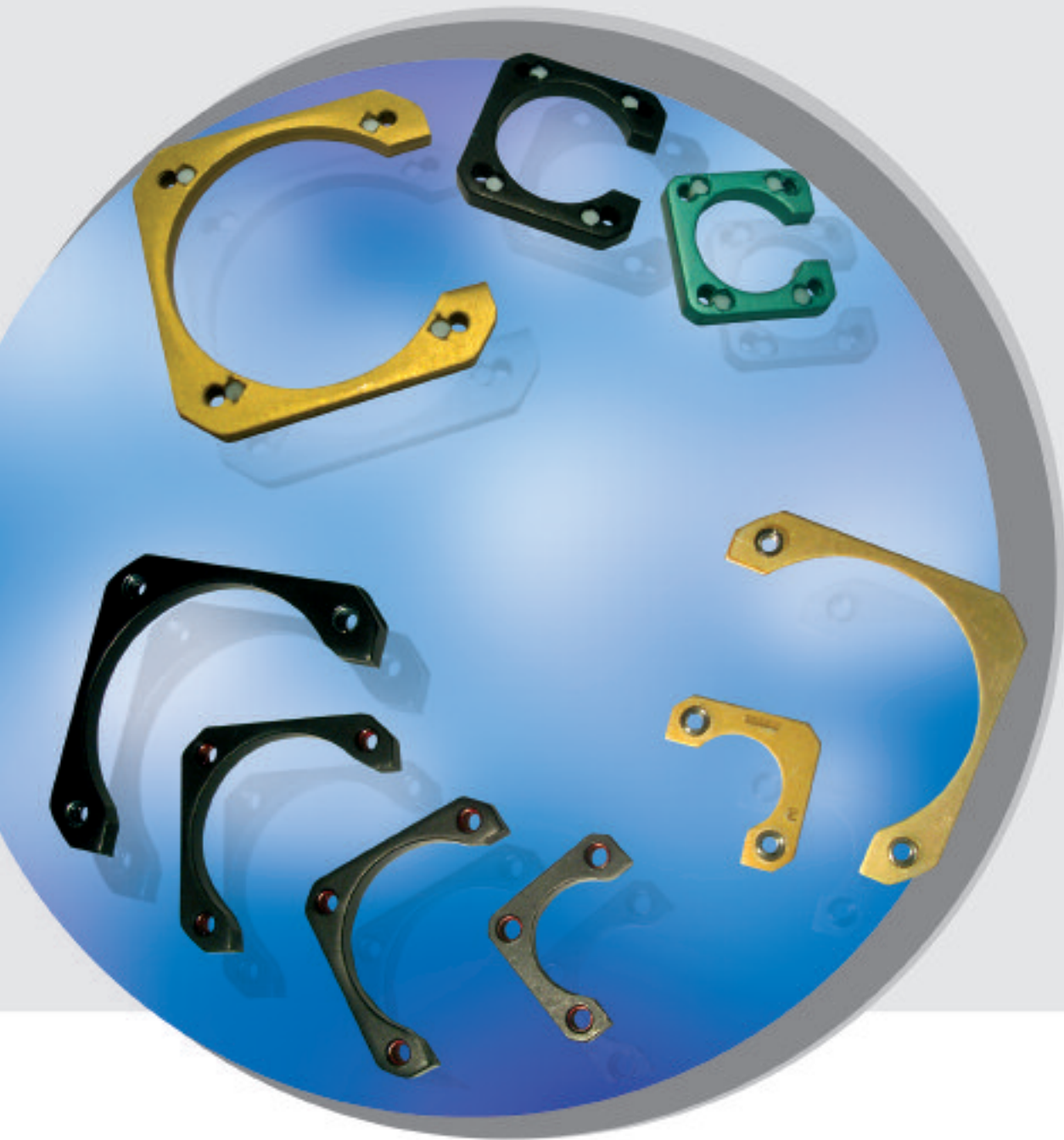




Re-usable fixing-plates

Company Profile



SOURIAU

Connectors and interconnect systems for harsh environments

The company designs, manufactures and markets high performance interconnect solutions for severe environments from industrial broadband and universal ranges to complex system with integrated functions: filtering, high speed data transmission, hermetic seal, separation mechanism, remote handling, underwater mating, ...



Industrial



Aeronautical



Equipment & system

The dedicated end markets for SOURIAU's products are aeronautical, defense-space and industrial



*Railway
Geophysics
Manufacturing environment
Instrumentation
Automation & process*



*Civil & military aircraft
Helicopter
Weapon delivery system
Avionics*



*Military marine
Communications
Satellites
Launcher & missile*

SOURIAU was established in 1917 and has been created by successive acquisitions of the industrial, aeronautical, defense and space activities of SOURIAU, JUPITER and BURNDY.

The Group's products are engineered and manufactured in the USA and Dominican Republic, Europe and Morocco, Japan and India, and sold by a worldwide sales and marketing organization, and in addition to SOURIAU's offices, a large network of licensed distributors and agents.

SOURIAU complies with most of national and international Quality Assurance Standards, production unit with ISO 14001

**Quality Certificate
Management System**

ISO 9001

**Environment Certificate
Management System**

ISO 14001

**Quality Certificate
Management System**

Aeronautic Industry : EN 9100



Re-usable fixing-plates



Contents

- Selection guide
- Four-holes self-locking fixing-plates
- Three-holes self-locking fixing-plates
- Two-holes self-locking fixing-plates

General

Using an fixing-plate means:

- 1) Replacing twelve (for 4 holes) attachment accessories (nuts, plain washers, locking washers) by a single component:
- 2) Facilitating maintenance by doing away with a wrench and eliminating any accessory fall risks.
- 3) Providing self-locking of screws.
- 4) Optimizing mounting time.
- 5) Reducing operating costs.

Packaging

The quantity to be ordered must be a multiple of 10 parts

Specific manufacturing

Steel fixing-plates and cadmim plating an request

SELECTION GUIDE

	4 Holes		3 Holes		2 Holes	
SERIE	SN201F	SN1252	SN1083	SN1862	SN1862	SN 1252
MIL C 26482 G Serie 1	•	•	•	•	•	•
NFC 93422 HE 301 B	•	•	•	•	•	•
MIL C 26482 G Serie 2	•	•	•	•	•	•
NFC 93422 Serie HE 312		•	•	•	•	•
MIL C 38999 Serie 1	•	•	•	•	•	•
NFC 93422 HE 308	•	•	•	•	•	•
MIL C 38999 Serie 2	•	•	•	•	•	•
NFC 93422 HE 309	•	•	•	•	•	•
MIL C 38999 Serie 3	•	•	•	•	•	•
MIL C 83723 Serie 3	•	•	•	•	•	•
MIL C 81703	•	•	•	•	•	•
NFL 54120	•					
MIL C 5015 G	•	•	•	•	•	•
NFC 54143 PREN 2997	•	•	•	•	•	•
Material	Alu	Alu	Alu	Alu	Alu	Alu
Type of locking	Teflon locking pins	Screw lock	Screw lock	Self-locking nut	Self-locking nut	Screw lock



Re-usable fixing-plates

Four-holes self-locking fixing-plates



Characteristics

SN 201 F - ** - *

- **Material:** aluminium alloy
- **Protection:** anodizing
black: ISO thread
yellow: SI thread
green: UNJC thread
- **Locking:** teflon locking pins

Product serie number

SN 201F

Size (see table)

Type of thread

N = ISO thread (Black)
J = SI thread (Yellow)
V = UNJC thread, class 3B (Green)



Characteristics

SN 1252 - ** - N

- **Material:** aluminium alloy
- **Protection:** black anodized
- **Thread:** ISO
- **Locking:** stainless steel screw lock

Product serie number

SN 1252

N

Size (see table)

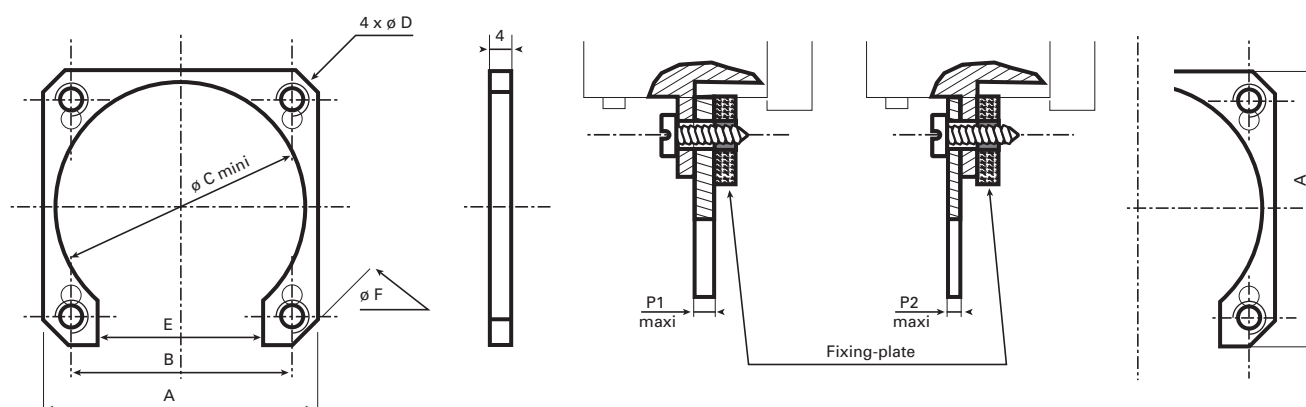
Plating (black anodized)

Re-usable fixing-plates



Four-holes self-locking fixing-plates

Dimensions: SN 201 F



SN 201 F - ** - *

SIZE / TYPE														
MIL. C 38999	MIL.C 81703	MIL. C 26482 G MIL. C 83723 NFL 54143	P1	P2	A	B	Ø C	Ø D			E	Ø F	Weigth in grams	Fixing-plates size
								ISO	SI	UNJC				
08		08	5	2.8	21	15.1	15.2	M3	3	4-40	7	27.3	2.1	08
10	07	10	5	2.8	25.4	18.3	19.5	M3	3	4-40	10	32	2.8	10
12	12	12	5	2.8	27.8	20.6	22.7	M3	3	4-40	13	35.3	2.8	12
14	19	14	5	2.8	30.2	23	26	M3	3	4-40	14	38.6	3.1	14
16	27	16	5	2.8	32.5	24.6	28.5	M3	3	4-40	16	40.8	3.7	16
18		18	5	2.8	35.1	27	31.1	M3	3	4-40	18	44.7	3.8	18
20		20	5	5.4	39	29.4	34	M3	3	4-40	20	49.1	4.2	20
22		22	5	5.4	42.3	31.7	37.3	M3	3	4-40	23	53.1	5	22
24		24	5	5.4	45.5	34.9	40.5	M3.5	3.5	6-32	26	57.3	5.7	24
		243	5	5.4	45.5	34.9	40.5	M3			26	57.3	5.7	243
	37		5	5.4	36.5	30.1	33.6	M3	3	4-40	21	48.5	4.0	37
	61		5	5.4	45.2	36.5	41.6	M3	3	4-40	28	59.4	5.1	61

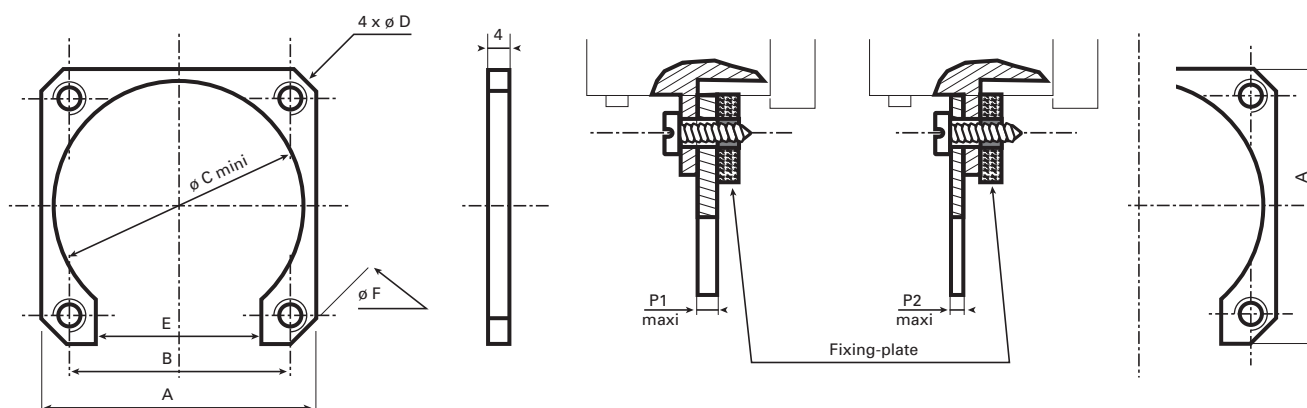
Dimensions are in millimeters

Re-usable fixing-plates



Four-holes self-locking fixing-plates

Dimensions: SN 1252



SN 1252 - ** - N

SIZE / TYPE														
MIL. C 38999	MIL.C 81703	MIL. C 26482 G MIL. C 83723 NFL 54143	P1	P2	A	B	ø C	ø D			E	ø F	Weigth in grams	Fixing-plates size
								ISO	SI	UNJC				
08		08	5	2.8	21	15.1	15.2	M3	3	4-40	7	27.3	2.1	08
10	07	10	5	2.8	25.4	18.3	19.5	M3	3	4-40	10	32	2.8	10
12	12	12	5	2.8	27.8	20.6	22.7	M3	3	4-40	13	35.3	2.8	12
14	19	14	5	2.8	30.2	23	26	M3	3	4-40	14	38.6	3.1	14
16	27	16	5	2.8	32.5	24.6	28.5	M3	3	4-40	16	40.8	3.7	16
18		18	5	2.8	35.1	27	31.1	M3	3	4-40	18	44.7	3.8	18
20		20	5	5.4	39	29.4	34	M3	3	4-40	20	49.1	4.2	20
22		22	5	5.4	42.3	31.7	37.3	M3	3	4-40	23	53.1	5	22
24		24	5	5.4	45.5	34.9	40.5	M3.5	3.5	6-32	26	57.3	5.7	24
		243	5	5.4	45.5	34.9	40.5	M3			26	57.3	5.7	243
	37		5	5.4	36.5	30.1	33.6	M3	3	4-40	21	48.5	4.0	37
	61		5	5.4	45.2	36.5	41.6	M3	3	4-40	28	59.4	5.1	61

Dimensions are in millimeters

Re-usable fixing-plates



Three-holes self-locking fixing-plates



Characteristics

SN 1083 - ** - *

- **Material:** aluminium alloy
- **Protection:** anodizing
black: ISO thread
yellow: SI thread
green: UNJC thread
- **Locking:** helicoil locking nut

Product serie number

SN 1083

**

*

Size (see table)

Type of thread

N = ISO thread (Black)
J = SI thread (Yellow)
V = UNJC thread, class 3B (Green)



Characteristics

SN 1862 - 3 - ** - V - A - I

- **Material:** aluminium alloy
- **Protection:** anodizing
- **Thread:** UNJC
- **Locking:** stainless steel screw lock

Product serie number

SN 1862

3

**

V

A

I

Three holes

Size (see table)

Type of thread

4.40 UNJC thread, class 3B (possibility to consult us on other type of thread)

Fixing-plate thickness

1 mm

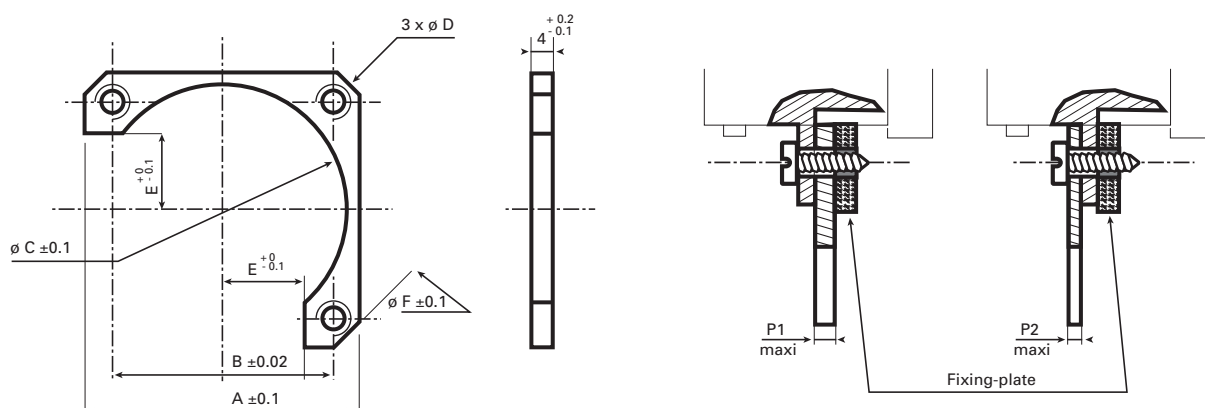
Stainless steel nut

Re-usable fixing-plates



Three-holes self-locking fixing-plates

Dimensions: SN 1083



SN 1083 - ** - *

SIZE / TYPE														
MIL. C 26482 G MIL. C 83723 NFL 54143	MIL.C 81703	MIL. C 38999	P1	P2	A	B	ø C	ø D			E	ø F	Weigth in grams	Fixing-plates size
								ISO	SI	UNJC				
08		08	5	2.8	21	15.1	15.2	M3	3	4-40	4.5	27.3	1.6	08
10	07	10	9	2.8	25.4	18.3	19.5	M3	3	4-40	5.5	32	2.1	10
12	12	12	5	2.8	27.8	20.6	22.7	M3	3	4-40	6.6	35.3	2.2	12
14	19	14	5	2.8	30.2	23	26	M3	3	4-40	7.8	38.6	2.3	14
16	27	16	5	2.8	32.5	24.6	28.5	M3	3	4-40	8.2	40.8	2.4	16
18		18	5	2.8	35.1	27	31.1	M3	3	4-40	9.3	44.7	2.7	18
20		20	5	5.4	39	29.4	34	M3	3	4-40	9.8	49.2	4.2	20
22		22	5	5.4	42.3	31.7	37.3	M3	3	4-40	10.4	53.1	4.2	22
24		24	5	5.4	45.5	34.9	40.5	M3.5	3.5	6-32	12	57.3	4.3	24
24			5	5.4	45.5	34.9	40.5	M3	3	4-40	12	57.3	4.3	243
	37		5	5.4	36.5	30.1	33.6	M3	3	4-40	11.7	48.5	2.7	37
	61		5	5.4	45.2	36.5	41.6	M3	3	4-40	13.8	52.4	4.3	61

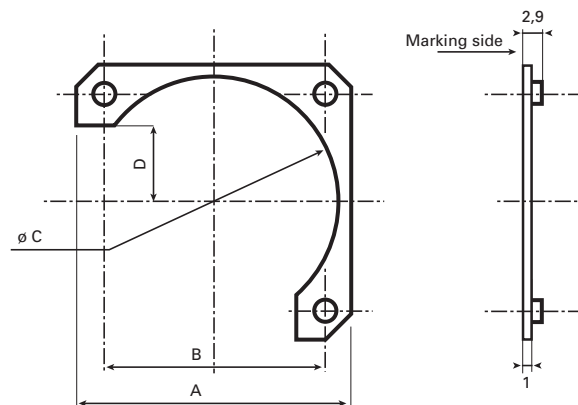
Dimensions are in millimeters

Re-usable fixing-plates



Three-holes self-locking fixing-plates

Dimensions: SN 1862



SN 1862 - 3 - ** - V - A - I

SELL / SIZE	A ± 0.3	B ± 0.05	ø C C ± 0.3	D ± 0.2	Weight in grams
08	22.5	15.1	14.4	3.91	1
10	25.4	18.3	18.4	5.30	1.05
12	27.8	20.6	22.2	6.68	1.05
14	30.2	23	25.4	7.88	1.09
16	30.5	24.6	27.6	8.68	1.17
18	35.7	27	31.1	9.85	1.24
20	39	29.4	34.5	10.31	1.33
22	42.3	31.75	37.8	11.50	1.44
24	45.5	34.9	41	12.70	1.39

Dimensions are in millimeters

Re-usable fixing-plates



Two-holes self-locking fixing-plates

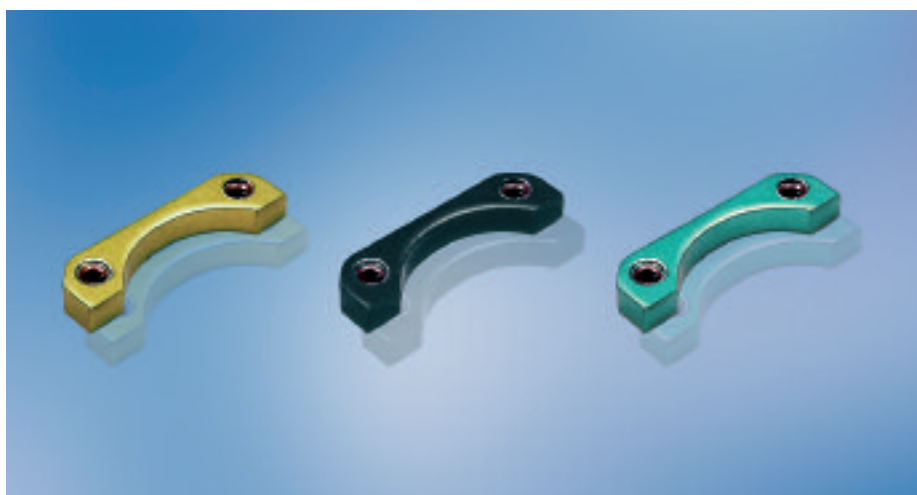


Characteristics

SN 1862 - 2 - ** - V - A

- **Material:** aluminium alloy
- **Protection:** anodizing
- **Thread:** UNJC
- **Locking:** self-locking nut

Product serie number	SN 1862	2	**	V	A
Two-holes					
Size (see table)					
Type of thread	4.40 UNJC thread, class 3B (possibility to consult us on other type of thread)				
Nut	Stainlers steel				



Characteristics

N 1252 - 2 - ** - N

- **Material:** aluminium alloy
- **Protection:** black anodized
- **Thread:** ISO
- **Locking:** Helicoil locking nut

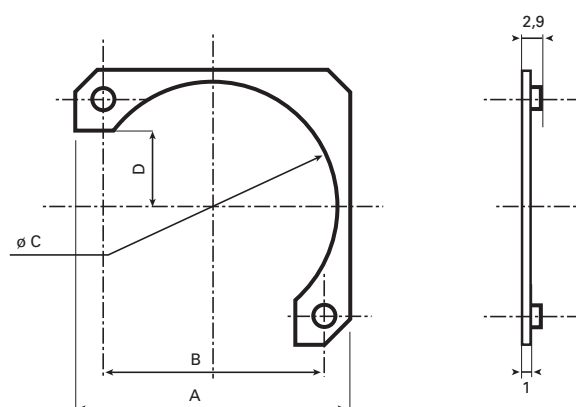
Product serie number	SN 1252	2	**	N
Two-holes				
Size (see table)				
Plating (black anodized)				

Re-usable fixing-plates



Two-holes self-locking fixing-plates

Dimensions: SN 1862



SN 1862 - 2 - ** - V - A

SELL / SIZE	A ± 0.3	B ± 0.05	ø C C ± 0.3	D ± 0.2	Weight in grams
08	22.5	15.1	14.4	3.91	0.80
10	25.4	18.3	18.4	5.30	0.87
12	27.8	20.6	22.2	6.68	0.88
14	30.2	23	25.4	7.88	0.91
16	30.5	24.6	27.6	8.68	0.96
18	35.7	27	31.1	9.85	1.06
20	39	29.4	34.5	10.31	1.15
22	42.3	31.75	37.8	11.50	1.26
24	45.5	34.9	41	12.70	1.41

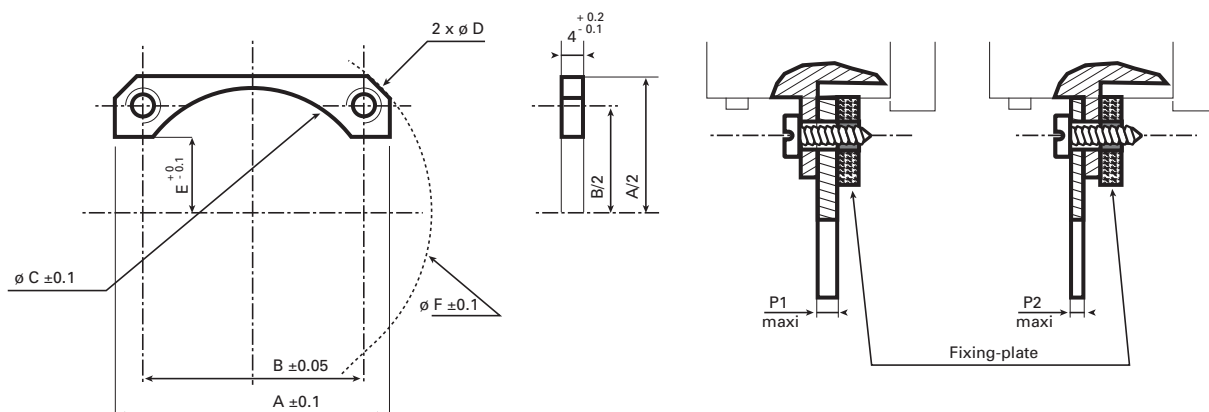
Dimensions are in millimeters

Re-usable fixing-plates



Two-holes self-locking fixing-plates

Dimensions: SN 1252

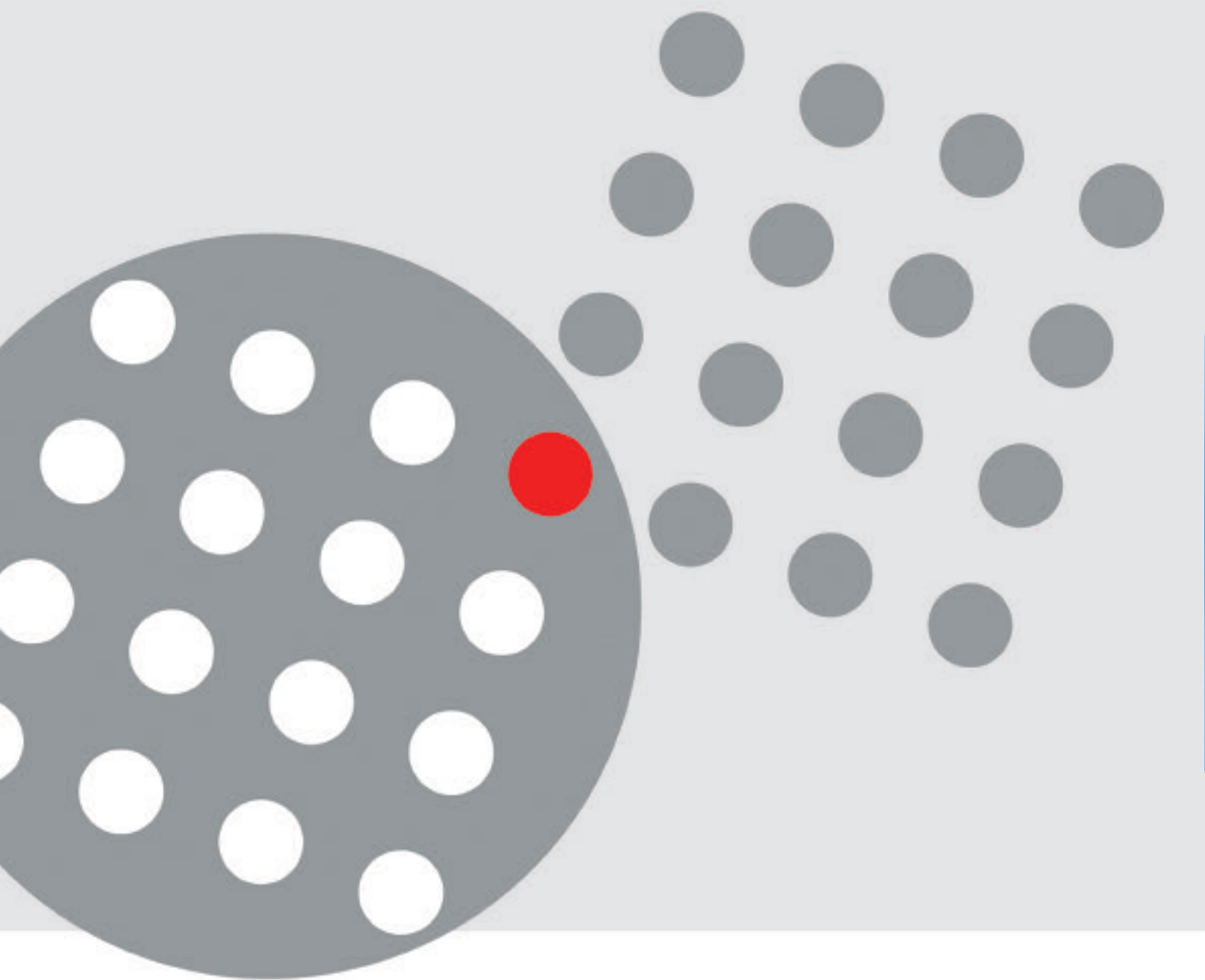


SN 1252 - 2 - ** - N

SIZE / TYPE												
ME 310 MAS 1599 PXL 54125	DS ADS DBAS	MIL. C 38999	P1	P2	A	B	Ø C	Ø D	E	Ø F	Weight in grams	Fixing-plates size
								ISO				
08		08	5	2.8	21	15.1	15.2	M3	4.5	27.3	0.9	08
10	07	10	5	2.8	25.4	18.3	19.5	M3	3	32	1.2	10
12	12	12	5	2.8	27.8	20.6	22.7	M3	3	35.3	1.3	12
14	19	14	5	2.8	30.2	23	26	M3	3	38.6	1.3	14
16	27	16	5	2.8	32.5	24.6	28.5	M3	3	40.8	1.4	16
18		18	5	2.8	35.1	27	31.1	M3	3	44.7	1.65	18
20		20	5	5.4	39	29.4	34	M3	3	49.2	2.2	20
22		22	5	5.4	42.3	31.7	37.3	M3	3	53.1	2.5	22
24		24	5	5.4	45.5	34.9	40.5	M3.5	3.5	57.3	2.65	24
24			5	5.4	45.5	34.9	40.5	M3	3	57.3	2.65	243

Size 20 = standard, other sizes on request

Dimensions are in millimeters



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