

SV

I M P L A N T

SCREW-VENT® COMPATIBLE

P R O D U C T
C A T A L O G U E



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Welcome to **Basalfix**, where dental solutions meet a touch of Italian precision, combining innovation with reliability.

In the world of dental implants, **Basalfix** stands out for its meticulous design.

Basalfix implants are manufactured with care, using Titanium Grade 4 in strict adherence to the ASTM F 67 norm.

In the array of dental choices, **Basalfix** offers versatility.

With various lengths and diameters, our implants seamlessly integrate into diverse clinical scenarios.

Whether your preference is flap or flapless techniques, Basalfix effortlessly adapts.

Our implants are carefully packaged in an ISO 7 cleanroom, ensuring a contamination-free experience.

Basalfix meets the rigorous standards of the European Regulation 2017/745 (MDR).

Authorized by a European body and holding ISO 9001 and ISO 13485 certifications since 1998, the manufacturer, Biomec S.r.l., is a symbol of reliable and proven quality.

Introducing the **SV Line**: a two-stage implant for enhanced versatility

At **Basalfix**, our commitment to innovation is unwavering. In response to clinicians' evolving needs, we are proud to introduce our latest advancement - the **SV Implant**.

Meticulously designed for enhanced adaptability, this new addition empowers clinicians with a broader range of options to meet the diverse requirements of their patients.

Discover the world of **Basalfix** - where precision meets innovation, and your dental journey takes on a new level of excellence.

PACKAGE SYSTEM

Outer packaging is made of cardboard and features a useful tear-off opening system.

The packaging design shows the indications regarding the implant line name. The sticker contains also all the specific data of the implant: description, reference number, production batch, sterility expiration date and manufacturer.

Inside the pack there is the sterile tube containing the implant and 3 stickers with description, reference number and production batch of the implant, which must be applied on the patient's medical record, on the implant passport given to the patient and on any further documentation.

The instructions for use are available in digital format, by scanning the QR code on the label or by typing the link on the label. If you wish to receive the instructions for use in paper format, it is always possible to request a free copy from the distributor or the manufacturer.



The SV implant is supplied with cover screw.

All the implants are contained in a plastic material tube sealed with a screw cap with safety ring, tested to guarantee a 5-year sterility.

The sterilisation is performed with BETA rays irradiation validated process, guaranteed and subjected to periodic controls.



MOUNT FREE SYSTEM:

- implant and cover screw are placed in a plastic support with a titanium core
- it allows to see implant and cover screw before opening the sterile tube and prevents implant movements for an easier extraction



1.
unscrew the
cap of the tube



2.
extract the holder



3.
pull out the cover
screw support from
the holder



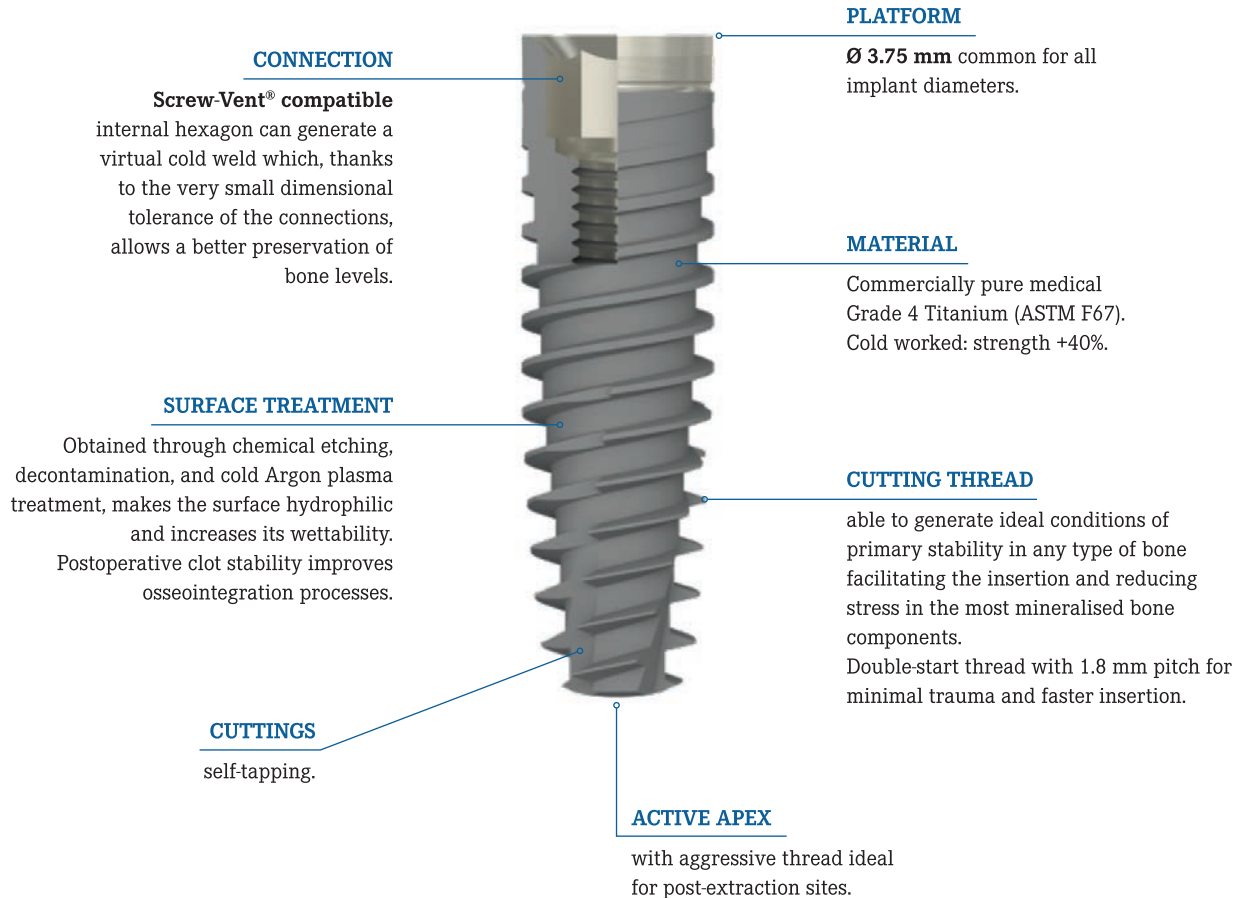
4.
connect the implant
to the inserter



5.
press the bottom part of
the holder to release the
implant

SV IMPLANT

GENERAL FEATURES



Screw-Vent® is a registered trademark of Zimmer Biomet.

Ø 3.30 mm



Length	Ref.
8.5 mm	SV1330085
10.0 mm	SV1330100
11.5 mm	SV1330115
13.0 mm	SV1330130
15.0 mm	SV1330150

Ø 3.75 mm



Length	Ref.
8.5 mm	SV1375085
10.0 mm	SV1375100
11.5 mm	SV1375115
13.0 mm	SV1375130
15.0 mm	SV1375150
17.0 mm	SV1375170

Ø 4.25 mm



Length	Ref.
7.0 mm	SV1425070
8.5 mm	SV1425085
10.0 mm	SV1425100
11.5 mm	SV1425115
13.0 mm	SV1425130
15.0 mm	SV1425150

Ø 5.00 mm



Length	Ref.
7.0 mm	SV1500070
8.5 mm	SV1500085
10.0 mm	SV1500100
11.5 mm	SV1500115
13.0 mm	SV1500130

Ø 4.25 mm



Length	Ref.
15.0 mm	SVP425150
18.0 mm	SVP425180
20.0 mm	SVP425200

PTERYGOID

The pterygoid implant of Ø 4.25 mm is designed to treat the severe atrophy of the upper jaw. The implant neck features surface microtreatment and a 3 mm high machined neck, enabling tissue-level placement.

healing and transfer

- HEALING ABUTMENT
material: Titanium Grade 5
tightening torque: 10 Ncm
- IMPRESSION COPING TRANSFER OPEN TRAY
material: Titanium Grade 5
tightening torque: 10 Ncm
- SNAP-ON CAP FOR CLOSED TRAY IMPRESSION COPING (to be used in combination with antirotational Titanium Base)
material: POM-C
- LABORATORY ANALOGUE
material: Titanium Grade 5



healing abutment

H 3.0 mm	SV2352001
H 4.5 mm	SV2352002
H 6.0 mm	SV2352003



impression coping transfer open tray

SV3352004



snap-on cap for closed tray impression coping

SV3352006



laboratory analogue

SV4532005

digital workflow

- SCAN BODY
material: Titanium Grade 5 opacified
tightening torque: 10 Ncm
fixing screw included
- DIGITAL ANALOGUE
material: Titanium Grade 5



scan body

SV3356001



digital analogue

SV4356002

cad-cam prosthetic components

- **TITANIUM BASE**
material: Titanium Grade 5
tightening torque: 30 Ncm
abutment screw included
- **COBALT-CHROME BASE**
material: Cobalt-Chrome
tightening torque: 30 Ncm
abutment screw included
- **CASTABLE ABUTMENT**
material: PMMA
tightening torque: 30 Ncm
abutment screw included
- **MECHANICAL ANGLED SCREWDRIVER**
material: Hardened stainless steel + DLC coating
- **MECHANICAL MANUAL CONVERTER**
material: Hardened stainless steel
- **TORX ABUTMENT SCREW FOR ANGLED SCREWING**
material: Titanium Grade 5
tightening torque: 20 Ncm



rotational
titanium base

H 1.0 mm	SV2356003
H 2.0 mm	SV2356004



antirotational
titanium base

H 1.0 mm	SV2356005
H 2.0 mm	SV2356006



rotational
titanium base slim

H 1.0 mm	SV2356013
H 2.0 mm	SV2356014
H 3.0 mm	SV2356015



antirotational
titanium base slim

H 1.0 mm	SV2356010
H 2.0 mm	SV2356011
H 3.0 mm	SV2356012



rotational
cobalt-chrome base

SV2356007



antirotational
cobalt-chrome base

SV2356008



castable abutment
for titanium and
cobalt-chrome bases

rot.	SV4500024
antirot.	SV4500025



mechanical
angled
screwdriver

short	SV3900001
long	SV3900002



mechanical manual
converter

SV4900041



torx abutment screw
for angled screwing

SV2353013

2 pieces pack

fixed prosthetic components

- STRAIGHT ABUTMENT
material: Titanium Grade 5
tightening torque: 30 Ncm
abutment screw included
- ANGLED ABUTMENT
material: Titanium Grade 5
tightening torque: 30 Ncm
abutment screw included
- CASTABLE ABUTMENT
material: PMMA
tightening torque: 30 Ncm
abutment screw included
- ABUTMENT SCREW
material: Titanium Grade 5
hex key: 1.27 mm

0°



straight antirotational
abutment

H 1.5 mm SV2353001

H 2.5 mm SV2353002

H 3.5 mm SV2353003

15°



angled antirotational
abutment

H 1.5 mm SV2353004

H 2.5 mm SV2353005

H 3.5 mm SV2353006

25°



angled antirotational
abutment

H 1.5 mm SV2353007

H 2.5 mm SV2353008

H 3.5 mm SV2353009



rotational
castable abutment

SV4353010



antirotational
castable abutment

SV4353011



abutment
screw

SV2353012

2 pieces pack

overdenture prosthetic components

- BALL ABUTMENT**

material: Titanium Grade 5
ball diameter: 2.5 mm
hex key: 1.27 mm
tightening torque: 30 Ncm

titanium cover and soft retention cap included
(ref. SV2500026)

- LOC ABUTMENT**

material: Titanium Grade 5
+ TIN coating
Hex key 1.27 mm
tightening torque: 30 Ncm

titanium cover, retention caps and protection
disk included (ref. SV2500012)

Locator® compatible

Locator® is a registered trademark of
Zest Anchors



ball abutment

H 1.5 mm	SV2354001
H 2.5 mm	SV2354002
H 3.5 mm	SV2354003



titanium cover

SV2500001

2 pieces pack



retention cap

transparent	hard 1,3 kg	SV2500002
pink	soft 0,9 kg	SV2500003
yellow	extra soft 0,5 kg	SV2500004

4 pieces pack



loc abutment

H 1.0 mm	SV2354004
H 2.0 mm	SV2354005
H 3.0 mm	SV2354006
H 4.0 mm	SV2354007



titanium cover

SV2500005

2 pieces pack



retention cap

yellow	extra soft 0,7 kg	SV2500008
pink	soft 0,9 kg	SV2500007
transparent	standard 1,5 kg	SV2500006
purple	strong 2,8 kg	SV2500009
black	laboratory	SV2500010

4 pieces pack



protection disk

SV2500011

8 pieces pack

prosthetic components for immediate load

- STRAIGHT MUA
material: Titanium Grade 5
tightening torque: 30 Ncm
- ANGLED MUA
material: Titanium Grade 5
tightening torque: 30 Ncm
screw for angled mua included (ref. SV2355008)
- HEALING CAP FOR MUA
material: PEEK
tightening torque: 10 Ncm
- IMPRESSION COPING TRANSFER FOR MUA
material: Titanium Grade 5
tightening torque: 10 Ncm
impression coping transfer screw included
- LABORATORY ANALOGUE FOR MUA
material: Titanium Grade 5
- SCAN BODY FOR MUA
material: Titanium Grade 5 Opacified
- DIGITAL ANALOGUE FOR MUA
material: Titanium Grade 5
- CASTABLE ABUTMENT FOR MUA
material: PMMA
tightening torque: 15 Ncm
screw included
- TEMPORARY ABUTMENT FOR MUA
material: Titanium Grade 5
tightening torque: 15 Ncm
screw included
- COBALT-CHROME COVER FOR MUA
material: Cobalt-Chrome
tightening torque: 15 Ncm
screw included
- PROSTHETIC SCREW FOR MUA
material: Titanium Grade 5
- TORX PROSTHETIC SCREW MUA FOR ANGLED SCREWING
material: Titanium Grade 5
tightening torque: 15 Ncm

0°



straight mua
abutment

H 1.0 mm	SV2355001
H 2.0 mm	SV2355002
H 3.0 mm	SV2355003

17°



angled mua
abutment

H 2.0 mm	SV2355004
H 3.0 mm	SV2355005

30°



angled mua
abutment

H 3.0 mm	SV2355006
H 4.0 mm	SV2355007



healing cap
for mua

SV2500014



impression coping
transfer for mua

H 9 mm SV3500015
H 11 mm SV3500023



laboratory analogue
for mua

SV4500016



scan body
for mua

SV3500017



digital analogue
for mua

SV4500018



castable abutment
for mua

SV4500019



temporary abutment
for mua
with cut guide

SV2500020



cobalt-chrome cover
for mua rotational

SV2500021



prosthetic screw
for mua

SV2500013

tightening torque: 15 Ncm



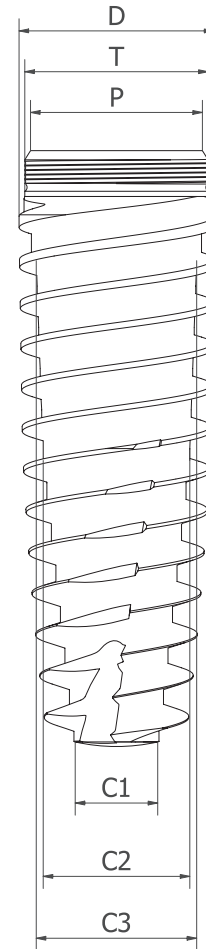
torx prosthetic screw
mua for angled
screwing

SV2500022

tightening torque: 15 Ncm

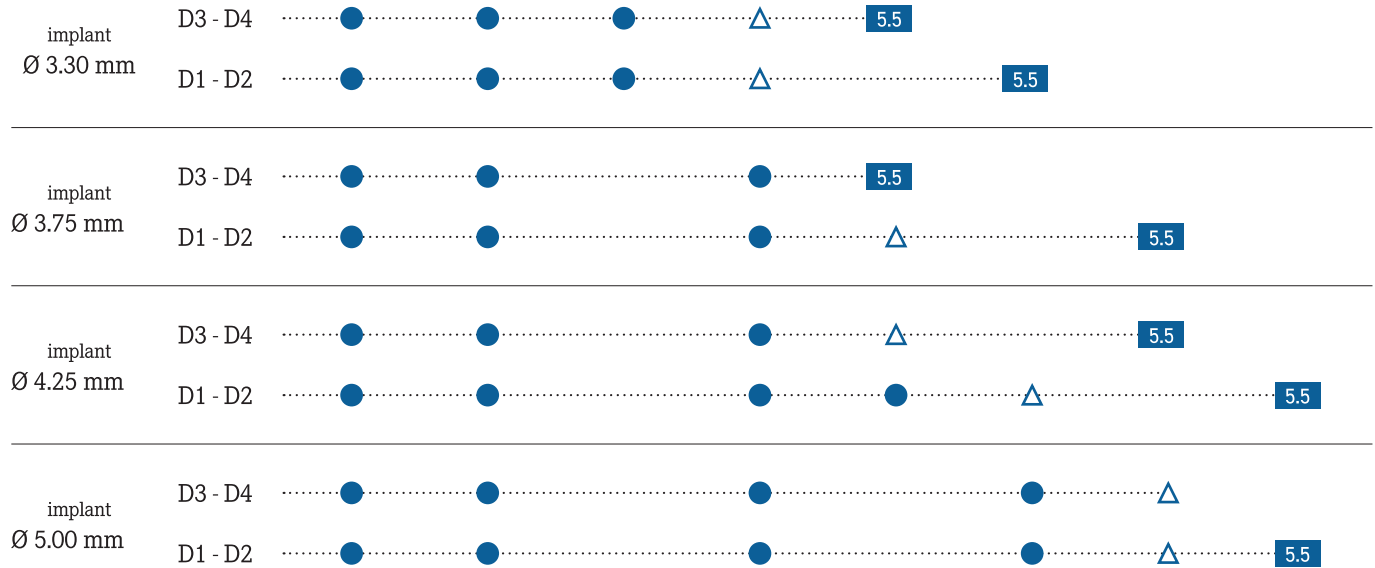
SURGICAL KIT

ref. SVBOX001



D implant diameter (mm)	3.30	3.75	4.25	5.00
T head diameter	3.75	3.75	4.00	4.00
P platform diameter	3.75	3.75	3.75	3.75
C1 core diameter apex	1.50	1.70	1.80	2.00
C2 core diameter	2.60	2.90	3.20	3.50
C3	2.90	3.20	3.50	3.80

DRILLING SEQUENCE SV IMPLANT



△ Drill to a depth of 3 mm less than the implant length.

5.5 Use the drill with 5.5 mm depth stopper.

surgical instruments

- DRILLS
material: Hardened stainless steel
+ DLC coating
- CALIBRATED STOPPER
material: Titanium Grade 5
- PARALLEL INDICATOR
material: Titanium Grade 5
- DRILL EXTENSION
material: Hardened stainless steel
- MECHANICAL SCREWDRIVER
material: Hardened stainless steel
Hex key 1.27 mm
- CYLINDRICAL BONE MILL
material: Hardened stainless steel
+ DLC coating
- CONICAL BONE MILL
material: Hardened stainless steel
+ DLC coating
- BONE MILL SCREW
material: Stainless steel
- MECHANICAL INSERTER
material: Hardened stainless steel
max. 50 Ncm
- MANUAL DRIVER INSERTER
material: Hardened stainless steel
- MANUAL SCREWDRIVER
material: Hardened stainless steel
Hex key 1.27 mm
- MANUAL DRIVER FOR STRAIGHT
MUA ABUTMENT
material: Hardened stainless steel
- TORQUE RATCHET
material: Stainless steel
tightening torque: 10+50 Ncm



pilot
drill

Ø 1.8 mm SV3SD1800



graduated
drill

Ø 2.3 mm SV3SD2300



graduated
drill

Ø 2.6 mm SV3SD2620



graduated
drill

Ø 2.9 mm SV3SD2923



graduated
drill

Ø 3.2 mm SV3SD3226



graduated
drill

Ø 3.5 mm SV3SD3529



graduated
drill

Ø 3.8 mm SV3SD3832



graduated
drill

Ø 4.1 mm SV3SD4135

pterygoid
implant drills



graduated
drill

Ø 2.3 mm SV3LD2320
max 900 Rpm



graduated
drill

Ø 2.6 mm SV3LD2620
max 900 Rpm



graduated
drill

Ø 2.9 mm SV3LD2923
max 900 Rpm



graduated
drill

Ø 3.2 mm SV3LD3226
max 800 Rpm



calibrated stopper

L 5.5 mm SV3900020
L 7 mm SV3900021
L 8.5 mm SV3900022
L 10 mm SV3900023
L 11.5 mm SV3900024
L 13 mm SV3900025
L 15 mm SV3900026



parallel
indicator
Ø 2.3 / 2.9 mm

SV3900027



parallel
indicator
Ø 2.3 17°

SV3900035



parallel
indicator
Ø 2.3 30°

SV3900036



drill
extension

SV3900030



countersink
drill

SV3CSD380

max 300 Rpm



tissue
punch

SV300TP00

max 100 Rpm



mechanical
screwdriver
hex 1.27

short	SV3900015
medium	SV3900016
long	SV3900017
extralong	SV3900018



cylindrical
bone mill

SV30BMCIL
max 300 Rpm



conical
bone mill

SV30BMCON
max 300 Rpm



bone mill
screw

SV3900033



mechanical inserter

short	SV3900003
medium	SV3900004
long	SV3900005
extralong	SV3900006



manual
driver inserter

short	SV3900007
medium	SV3900008
long	SV3900009
extralong	SV3900010



manual
screwdriver
hex 1.27

short	SV3900011
medium	SV3900012
long	SV3900013
extralong	SV3900014



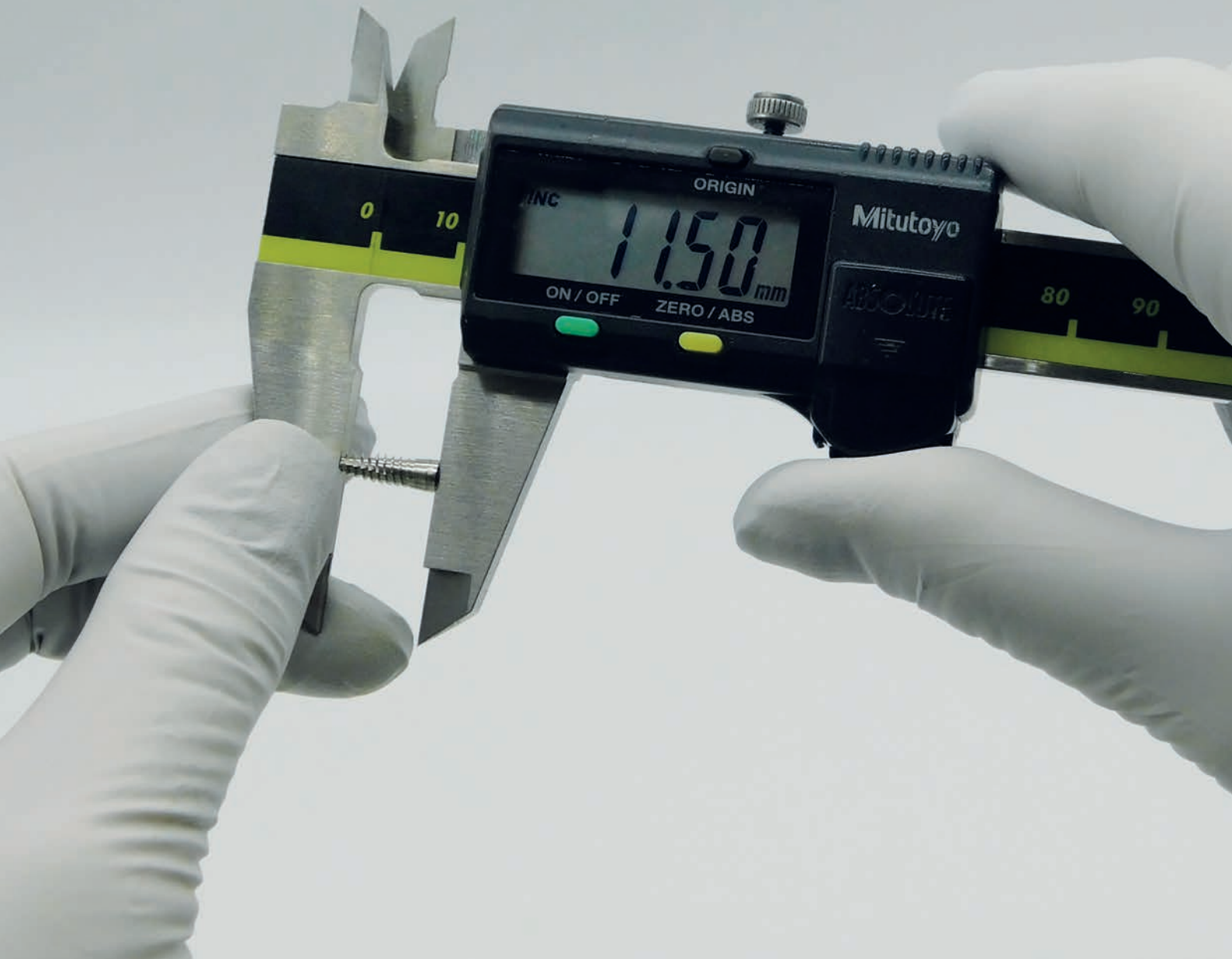
manual driver
for straight
mua abutment

SV3900019



lever
torque ratchet

SV4900037



INC

ORIGIN

Mitutoyo

11.50 mm

ON / OFF

ZERO / ABS

ABSOLUTE

0 10

80 90



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