

Following a path to success begun more than twenty years ago, **FMD** has established itself among implantology professionals as a new leader in the implantology industry and in implant-prosthetic scientific research.

FMD's manufacturing plant uses the best equipmen, highly specialized personnel, and exclusive know-how to manufacture its products.

The presence of established and world-renowned implantologists benefits the **Scientific Community** as well.

Over the years, **FMD** has transformed **decontamination and sterilization technology**, harnessing it today into one of its key strengths.

FMD has also been emphasizing for many years now **implantology training**, organizing both practical and theoretical courses, establishing a visionary **Educational Program**.

Flexibility, innovation, front office support and assistance complete the distinctive characteristics of this company at the forefront of the Italian-speaking implantology industry.

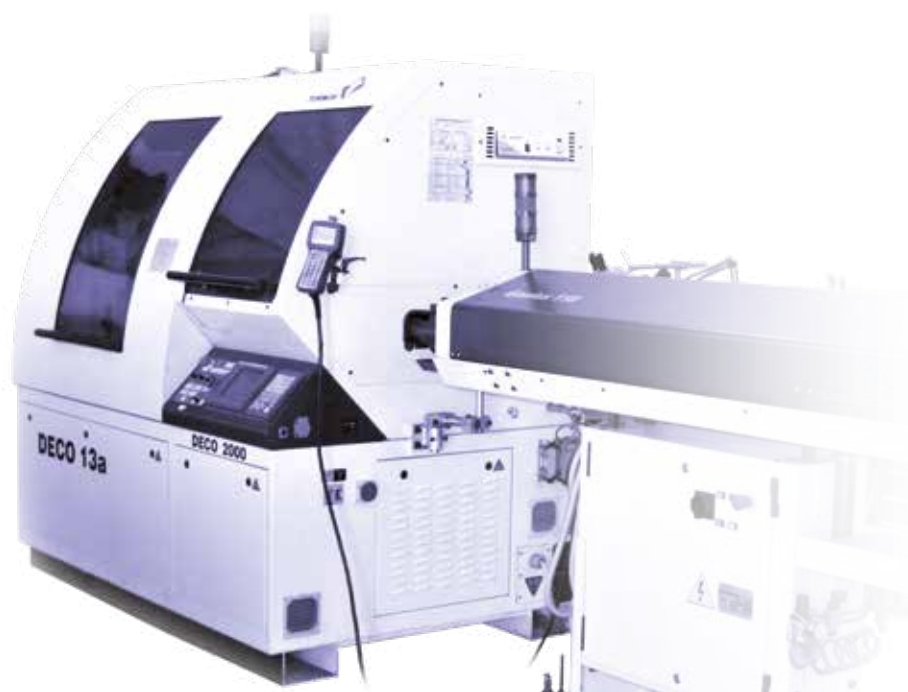
History knows **FMD**. The future is already speaking about us.



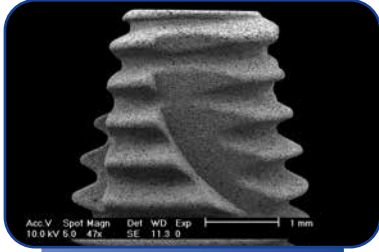
Istituto Superiore di Sanità
Organismo Notificato n° 0373

All **FMD** products are manufactured in accordance with the European Directive 93/42/CEE and further amendments concerning Medical Devices and certified by:

Istituto Superiore di Sanità
Organismo Notificato n° 0373



REGULATORY CERTIFICATES



Picture at 47X SEM

The SEM analysis of the implant at low magnification (47X) also showed a marked roughness of the implant surface mainly due to sandblasting effects.

UNIVERSITY "G. D'ANNUNZIO" OF CHIETI

Chair of Odonto-stomatology

Prof. Stefano Fanali

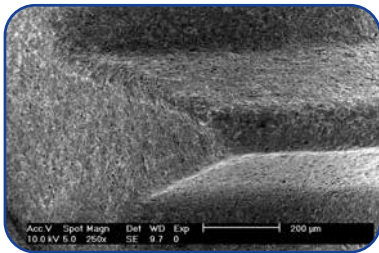
AIM OF THE RESEARCH: The aim of the present study was to evaluate experimentally that the implant system manufactured by FMD Medical Devices presents an optimal design and exhibits characteristics fulfilling the objective of simple and easy utilization.

RESULTS: From the clinical and histological point of view, the results are satisfactory and are equivalent to those other systems already established on the market.

CONCLUSIONS:

The FMD Medical Devices system is a valid and useful addition to the implant market.

Prof. Stefano Fanali



Picture at 250X SEM

The sandblasting process and the subsequent acidification created some micro-anfractuosities on the implant surface that made the differentiation easier between the mesenchimal totipotent cells and the osteo-genetic cells.

UNIVERSITY OF PERUGIA

University Centre of Electronic Microscopy

Prof. Piero Ceccarelli

Perugia, 07 January, 2004

AIM OF THE RESEARCH: The aim of the present study is to prove experimentally that the implant sample manufactured by FMD Medical Devices is built exclusively of pure titanium.

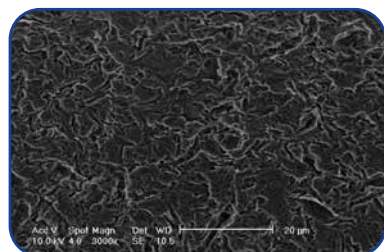
RESULTS: The SEM-EDS analysis performed on various parts of the surface showed that the metal under examination had constant and homogeneous characteristics and that no substantial quality differences were noticeable in the various samples under examination.

CONCLUSIONS:

The EDS spectrum presented only peaks typical of titanium to confirm that the implant was built exclusively of pure titanium.

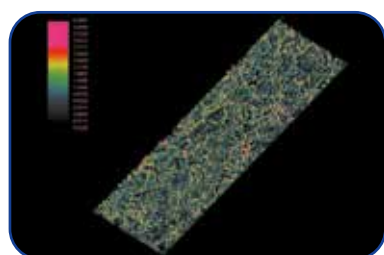
Prof. Piero Ceccarelli

REGULATORY CERTIFICATES



Picture at 3000X SEM

Also at high (3000X) magnification a strong roughness of the implant surface is evident, mainly due to micro-anfractuositities deriving from the acid attack.



Analysis of Surface Roughness

The study of the preceding picture at 3000X by means of software for the image digital analysis showed that, converting the grey tones into pseudo-colours, the surface roughness ranged from 4,3 micro (pink) to -0,6 micron (black).

IMPLANTS INSERTED IN DIFFERENT SITES: ANALYSIS OF 390 FIXTURES

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Department of Oral Science, Nano and Biotechnology, University "G. D'Annunzio", Chieti, Italy;

Private practice, Rome, Italy; Department of D.M.C.C.C., Section of Maxillofacial and Plastic Surgery, University of Ferrara, Ferrara, Italy

Oral rehabilitation by means dental implants is a surgical procedure with high standards of success. Since very few reports focus on clinical success related to implant site and no report is available on a new type of implants (FMD srl, Rome, Italy), a retrospective study was performed. A total of 390 two-piece implants were inserted, 213 in females and 177 in males. The median age was 59 ± 11 (min-max 24-80 years). Two hundred and five implants were inserted in upper jaw and 185 in mandible. Three implants were lost, survival rate = 99.23%. Among the studies variables immediate loaded implants on single tooth rehabilitations ($p=0.047$) have a worse clinical outcome. Then peri-implant bone resorption (i.e. delta IAJ) was used to investigate SCR. Among the remaining 387 implants, 47 fixtures have a crestal bone resorption greater than 1.5 mm (SCR = 87.85). Statistical analysis demonstrated that no studied variable has an impact on clinical outcome and thus there are no differences in term of SVR and SCR by sites. In conclusion FMD implants are reliable devices for oral rehabilitation with a very high SCR and SVR.

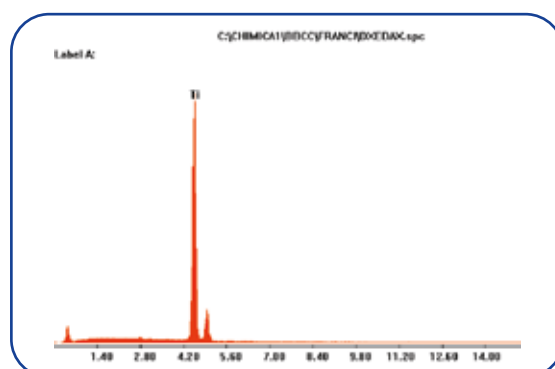
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Images kindly provided by
Dr. Mirko Andreasi Bassi,
private professional in Rome.
We also thank **Dr. Luca Confalone**
and **Dr. Michele Antonio Lopez**,
private professionals in Rome.

For more updates, please visit our website: www.fmd-dental.com



EDS spectrum of the implant surface where only the presence of peaks of pure titanium was evident.



TRUST IN QUALITY!

i.e. to verify compliance with the “**terms and conditions**”, please see our website at: www.fmd-dental.com



**ELISIR
Adapta**



Adapta is the brand new Elisir implant line. Its main features are a particular innovative macromorphology and a unique threading. Thanks to these characteristics, **Adapta** ensures a higher primary stability in D3-D4 bone, compared to a traditional implant. During the insertion, the aggressive shape of the spire gives to the implant a remarkable self tapping capacity and allows the implantologist to change direction during the implant housing. In presence of D1-D2 bone, it is recommended to prepare the implant site with a cylindrical drill 0,3-0,5 mm bigger than the cylindrical drill normally recommended in the insertion scheme (e.g. for a 3,8 mm **Adapta**, use the 3,2 mm cylindrical drill instead of the 2,8 mm).

SE

Ø mm	H mm	8	10	12	14	16
3,4	cod.	SE-ADP-34080	SE-ADP-34100	SE-ADP-34120	SE-ADP-34140	SE-ADP-34160
3,8	cod.	SE-ADP-38080	SE-ADP-38100	SE-ADP-38120	SE-ADP-38140	SE-ADP-38160

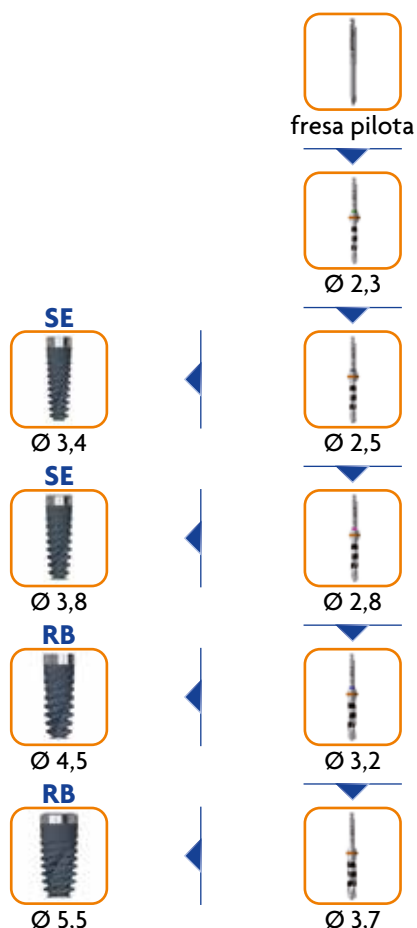
RB

Ø mm	H mm	8	10	12	14	16
4,5	cod.	RB-ADP-45080	RB-ADP-45100	RB-ADP-45120	RB-ADP-45140	RB-ADP-45160
5,5	cod.	RB-ADP-55080	RB-ADP-55100	RB-ADP-55120	RB-ADP-55140	RB-ADP-55160


IMPLANT Adapta

DRILLS

INSERTION SCHEME **ELISIR Adapta**



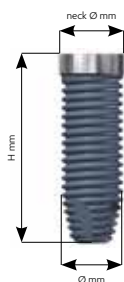
COUNTERSINK Adapta

		Ø mm		
	●	3,4	cod.	DRILL-SP-340
	●	3,8		DRILL-SP-380
	●	4,5		DRILL-SP-450
	●	5,5		DRILL-SP-550



To be used after the last drill, in preparation of the implant site, for creating the neck housing; recommended mainly on D1 and D2 bone.





ELISIR CYLINDRICAL



The new implant line Elisir Ø 2.8 mm is designed for marked horizontal atrophies where the masticatory load permits their utilization.

FR

neck Ø 2,8 mm



Ø mm	H mm	8	10	12	14	16
2,8	cod.	FR-28080	FR-28100	FR-28120	FR-28140	FR-28160

Implant diameters between 3,4 and 4,8 mm are most suitable for replacing single mono-radiculated elements in the edentulous crests.

SE

neck Ø 3,5 mm



Ø mm	H mm	8	10	12	14	16
3,4	cod.	SE-34080	SE-34100	SE-34120	SE-34140	SE-34160



Ø mm	H mm	8	10	12	14	16
3,8	cod.	SE-38080	SE-38100	SE-38120	SE-38140	SE-38160

RB

neck Ø 4,5 mm



Ø mm	H mm	8	10	12	14	16
4,2	cod.	RB-42080	RB-42100	RB-42120	RB-42140	RB-42160



Ø mm	H mm	8	10	12	14	16
4,8	cod.	RB-48080	RB-48100	RB-48120	RB-48140	RB-48160

Implant diameters between 5,5 and 6,0 are most suitable in post-extractive areas of molars and in the case of unsuccessful osteo-integration of the inferior diameters, where osseous thickness makes this possible.

AN

neck Ø 6,0 mm



Ø mm	H mm	8	10	12	14	16
5,5	cod.	AN-55080	AN-55100	AN-55120	AN-55140	AN-55160

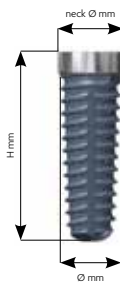


Ø mm	H mm	8	10	12	14	16
6,0	cod.	AN-60080	AN-60100	AN-60120	AN-60140	AN-60160



ELISIR EVO CONICAL



FMD Patent



The original design of this implant with double conicity allows a gradual reduction of the number of drill passes necessary to prepare the implant tunnel, while reducing the overall operational time. The conic profile and thread design guarantee both a rapid positioning of the implant and a gradual increase in the screwing torque. This implant, while indicated in most operatory situations, has the additional capability in the post-extractive sites and in the normal and hyperdense crests characterized by moderate horizontal atrophy.



SE

neck Ø 3,5 mm

	Ø mm 3,4	H mm	8	10	12	14	16
		cod.	SE-EVO-34080	SE-EVO-34100	SE-EVO-34120	SE-EVO-34140	SE-EVO-34160
	Ø mm 3,8	H mm	8	10	12	14	16
		cod.	SE-EVO-38080	SE-EVO-38100	SE-EVO-38120	SE-EVO-38140	SE-EVO-38160

RB



neck Ø 4,5 mm

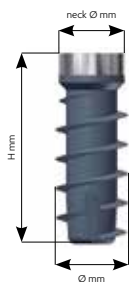
	Ø mm 4,2	H mm	8	10	12	14	16
		cod.	RB-EVO-42080	RB-EVO-42100	RB-EVO-42120	RB-EVO-42140	RB-EVO-42160
	Ø mm 4,8	H mm	8	10	12	14	16
		cod.	RB-EVO-48080	RB-EVO-48100	RB-EVO-48120	RB-EVO-48140	RB-EVO-48160

Double conicity and large diameters make the wide neck implants suitable for post-extractive sites and in the posterior edentulous crest since they better represent the prosthetic indication of the molars.

AN

neck Ø 6,0 mm

	Ø mm 4,8	H mm	8	10	12	14	16
		cod.	AN-EVO-48080	AN-EVO-48100	AN-EVO-48120	AN-EVO-48140	AN-EVO-48160
	Ø mm 5,8	H mm	8	10	12	14	16
		cod.	AN-EVO-58080	AN-EVO-58100	AN-EVO-58120	AN-EVO-58140	AN-EVO-58160



ELISIR LONG THREAD CYLINDRICAL (LTE: Long Thread Elisir)



The particular threading design of this implant allows optimal primary stability both in scarce osseous density (D3, D4) and in the presence of large craters in the post-extraction sites; in the latter case, elective use of wider implants (from 7 to 8 mm) is indicated. The long thread makes the screwing of the LTE Elisir particularly fast, minimizing the risk of over-rotation; also guarantees to the operator the continued control in the insertion direction and a tactile perception both of the high screwing torque and in the presence of osseous hyperdense crests, as well as in reaching the limit inside the implant tunnel.

SE

neck Ø 3,5 mm



Ø mm
4,0
LTE

H mm	8	10	12	14	16
cod.	SE-LTE-40080	SE-LTE-40100	SE-LTE-40120	SE-LTE-40140	SE-LTE-40160

RB

neck Ø 4,5 mm



Ø mm
5,0
LTE

H mm	8	10	12	14	16
cod.	RB-LTE-50080	RB-LTE-50100	RB-LTE-50120	RB-LTE-50140	RB-LTE-50160

AN

neck Ø 6,0 mm



Ø mm
6,0
LTE

H mm	8	10	12	14	16
cod.	AN-LTE-60080	AN-LTE-60100	AN-LTE-60120	AN-LTE-60140	AN-LTE-60160



Ø mm
7,0
LTE

H mm	8	10	12	14	16
cod.	AN-LTE-70080	AN-LTE-70100	AN-LTE-70120	AN-LTE-70140	AN-LTE-70160

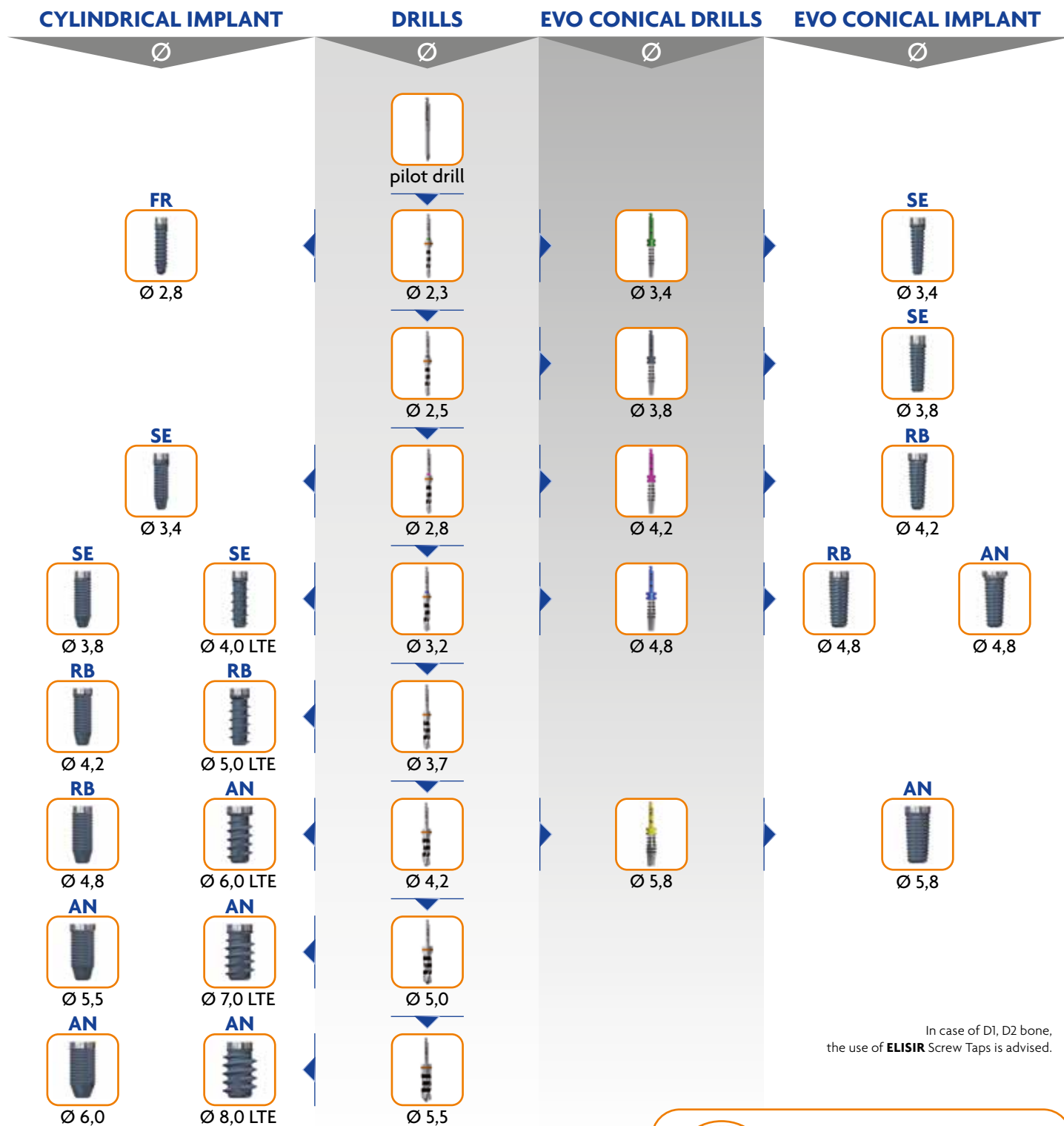


Ø mm
8,0
LTE

H mm	8	10	12	14	16
cod.	AN-LTE-80080	AN-LTE-80100	AN-LTE-80120	AN-LTE-80140	AN-LTE-80160



INSERTION SCHEME ELISIR



In case of D1, D2 bone,
the use of **ELISIR** Screw Taps is advised.



DRILL NECK













To be used after the last drill,
in preparation of the implant site,
for creating the neck housing;
recommended mainly on D1 and D2 bone.

PROSTHETICS

ELISIR







The **CAP SCREW** is supplied with the implant.

	description		FR	SE	RB	AN
	HEALING ABUTMENT H 3 mm HEALING ABUTMENT H 5 mm HEALING ABUTMENT H 7 mm	cod.	FR-67-001 FR-67-002 FR-67-003	SE-27-001 SE-27-002 SE-27-003	RB-27-001 RB-27-002 RB-27-003	AN-27-001 AN-27-002 AN-27-003
	ANTIROTATIONAL LONG ABUTMENT + SCREW	cod.	---	SE-29-001	RB-29-001	AN-29-001
	ANTIROTATIONAL SHORT ABUTMENT + SCREW	cod.	---	SE-29-002	RB-29-002	AN-29-002
	H2 NECK ANTIROTATIONAL LONG ABUTMENT + SCREW	cod.	FR-37-001	SE-37-001	RB-37-001	AN-37-001
	ANTIROTATIONAL MILLABLE FULL ABUTMENT + SCREW	cod.	FR-68-001	SE-43-001	RB-43-001	AN-43-001
	15° ANGLED ABUTMENT + SCREW	cod.	FR-69-001	SE-36-001	RB-36-001	AN-36-001
	25° ANGLED ABUTMENT + SCREW	cod.	FR-69-002	SE-36-002	RB-36-002	AN-36-002
	LONG SCREWABLE MILLABLE FULL ABUTMENT	cod.	FR-74-001	SE-30-001	RB-30-001	AN-30-001
	SHORT SCREWABLE MILLABLE FULL ABUTMENT	cod.	FR-74-002	SE-30-002	RB-30-002	AN-30-002
	ANTIROTATIONAL TEMPORARY ABUTMENT IN PEEK + SCREW	cod.	FR-39-001	SE-39-001	RB-39-001	AN-39-001
	CASTABLE ANTIROTATIONAL ABUTMENT + SCREW	cod.	FR-65-001	SE-28-001	RB-28-001	AN-28-001
	CASTABLE ROTATIONAL ABUTMENT + SCREW	cod.	FR-65-002	SE-28-002	RB-28-002	AN-28-002
	CASTABLE ANTIROTATIONAL ABUTMENT WITH TITANIUM BASE + SCREW	cod.	FR-15-001	SE-34-001	RB-34-001	AN-34-001
	CEMENTABLE CASTABLE ANTIROTATIONAL ABUTMENT	cod.	FR-35-002	SE-35-002	RB-35-002	AN-35-002











PROSTHETICS ELISIR




	description		FR	SE	RB	AN
	TRANSFER + SCREW LONG TRANSFER + SCREW	cod.	FR-76-001	SE-31-001 SE-31-002	RB-31-001 RB-31-002	AN-31-001
	PICK-UP TRANSFER LONG PICK-UP TRANSFER	cod.	FR-76-003	SE-31-003 SE-31-004	RB-31-003 RB-31-004	AN-31-003
	REPLICA	cod.	FR-75-001	SE-32-001	RB-32-001	AN-32-001

	description		FR	SE-RB	AN
	UNIVERSAL SCREW	cod.	FR-05-001	SE-05-001	AN-05-001



PROSTHETICS FOR OCTAGONAL BAR SYSTEM *ELISIR*



	descrizione		SE	RB	AN
	H 1 mm OCTAGONAL ABUTMENT H 2 mm OCTAGONAL ABUTMENT H 3 mm OCTAGONAL ABUTMENT	cod.	SE-80-001 SE-80-002 SE-80-003	RB-80-001 RB-80-002 RB-80-003	AN-80-001 AN-80-002 AN-80-003
	OCTAGONAL ROTATIONAL PROTECTION SMALL CAP + SCREW	cod.	SE-83-001	RB-83-001	AN-83-001
	OCTAGONAL TITANIUM SMALL CAP FOR TEMPORARY ROTATIONAL + SCREW	cod.	SE-82-001	RB-82-001	AN-82-001
	OCTAGONAL TRANSFER + SCREW	cod.	SE-84-001	RB-84-001	AN-84-001
	OCTAGONAL REPLICA	cod.	SE-85-001	RB-85-001	AN-85-001
	CEMENTABLE OCTAGONAL ROTATIONAL SMALL CAP + SCREW CEMENTABLE OCTAGONAL ANTIROTATIONAL SMALL CAP + SCREW	cod.	SE-81-001 SE-81-002	RB-81-001 RB-81-002	AN-81-001 AN-81-002
	OCLUSAL SCREW	cod.	SE-88-001	RB-88-001	AN-88-001
	DRIVER FOR OCTAGONAL ABUTMENT	cod.	SE-89-001	RB-89-001	AN-89-001



OVERDENTURE COMPONENTS *ELISIR*

	description		FR	SE	RB	AN
	SPHERICAL ABUTMENT H 1 mm SPHERICAL ABUTMENT H 2 mm SPHERICAL ABUTMENT H 3 mm SPHERICAL ABUTMENT H 4 mm SPHERICAL ABUTMENT H 5 mm	cod.	FR-33-001 FR-33-002 FR-33-003 FR-33-004 FR-33-005	SE-33-001 SE-33-002 SE-33-003 SE-33-004 SE-33-005	RB-33-001 RB-33-002 RB-33-003 RB-33-004 RB-33-005	AN-33-001 AN-33-002 AN-33-003 AN-33-004 AN-33-005
	SMALL CAP FOR SPHERICAL ABUTMENT	cod.	FR-SE-RB-AN			
			SE-13-001			
	STEEL CUP	cod.	SE-14-001			

INSTRUMENTS *ELISIR*

	description		FR	SE	SE	RB	RB	AN	AN
	HAND-TAPPER FOR CYLIDRICAL IMPLANTS	Ø mm	2,8	3,4	3,8	4,2	4,8	5,5	6,0
		cod.	FR-40-001	SE-40-001	SE-40-002	RB-40-002	RB-40-001	AN-40-001	AN-40-002
	MICROMOTOR TAPPER FOR CYLINDRICAL IMPLANTS	Ø mm	2,8	3,4	3,8	4,2	4,8	5,5	6,0
		cod.	FR-41-002	SE-41-001	SE-41-002	RB-41-002	RB-41-001	AN-41-001	AN-41-002

	description		SE	SE	RB	RB-AN	AN
	HAND-TAPPER FOR CONICAL IMPLANTS	Ø mm	3,4	3,8	4,2	4,8	5,8
		cod.	FAL-58-001	FAL-58-002	FAL-58-003	FAL-58-004	FAL-58-005
	MICROMOTOR TAPPER FOR CONICAL IMPLANTS	Ø mm	3,4	3,8	4,2	4,8	5,8
		cod.	FAL-56-001	FAL-56-002	FAL-56-003	FAL-56-004	FAL-56-005



	description		SE	RB	AN	AN	AN
	HAND-TAPPER FOR LTE	Ø mm	4,0	5,0	6,0	7,0	8,0
		cod.	SE-40-003	RB-40-003	AN-40-003	AN-40-004	AN-40-005
	MICROMOTOR TAPPER FOR LTE	Ø mm	4,0	5,0	6,0	7,0	8,0
		cod.	SE-41-003	RB-41-003	AN-41-003	AN-41-004	AN-41-005

In case of D1, D2 bone,
the use of **ELISIR** Screw Taps
is advised.







INSTRUMENTS

ELISIR


	description		FR	SE-RB	AN
	SHORT DRIVER MEDIUM DRIVER LONG DRIVER	cod.	FR-70-003 FR-70-002 FR-70-001	SE-70-003 SE-70-002 SE-70-001	AN-70-003 AN-70-002 AN-70-001
	DRIVER FOR MICROMOTOR	cod.	FR-72-001	SE-72-001	AN-72-001


PROSTHESIS DRIVERS 1,2 mm

	description	cod.	FAL FAL-34-001 FAL-34-002 FAL-34-003
	DRIVER FOR MICROMOTOR	cod.	FAL-23-001
	description	cod.	FAL FAL-44-001 FAL-44-002 FAL-44-003
	description	cod.	FAL FAL-32-007 FAL-32-003

ELISIR PROSTHETIC HOLDER AND LABORATORY INSERT

The laboratory holder with interchangeable inserts is used to support for the preparation, personalization and refinishing of the abutment and prosthesis structure.





	description		FAL	
	LABORATORY HOLDER	cod.	FAL-71-001	


	description	FRSERBAN				
		cod.	FR-71-001	SE-71-001	RB-71-001	AN-71-001

INSTRUMENTS

ELISIR



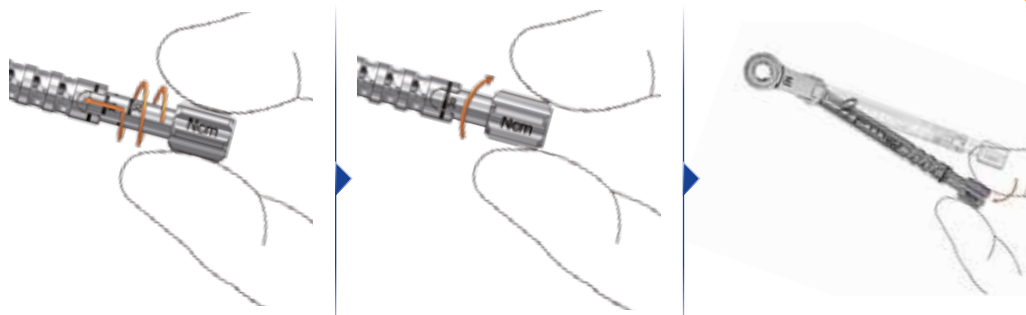
	description		FAL
	MOUNT ADAPTER FOR MICROMOTOR	cod.	FAL-42-001
	description		FAL
	RATCHET WRENCH	cod.	FAL-11-002
	description		FAL
	STRAIGHT MANUAL DRIVER H 150 mm	cod.	FAL-01-002
	description		FAL
	MANUAL KEY + LEVER	cod.	FAL-18-002



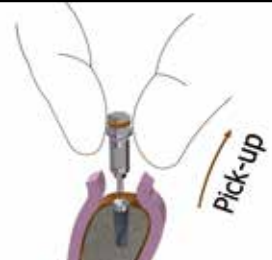
FAL

DYNAMOMETRIC TORQUE WRENCH

cod. FAL-36-002



Regulation from 10 Ncm to 40 Ncm



Pick-up

Refer to the instructions for implant insertion.

FMD advises:
 "After a few turns, remove the implant mouter and continue with the appropriate implant drivers from the **Elisir** line."

DRILLS AND STOPS







ELISIR

DRILL WITH STOP


DRILL WITH STOP INSERTED

DRILL WITH QUICK, EASY DEPTH-STOP

This makes the drilling work easy, quick and safer. The stop applied on the drill ensures the desired depth is obtained automatically, thus avoiding unfortunate consequences from an excessive drill penetration (interference with blood vessels and nerves adjoining the operation area.) Thanks to its characteristics, it avoids having to follow to the depth notches during cutting (no-look system).

	description	DRILL							
	Ø mm								
	cod.	DRILL-230	DRILL-250	DRILL-280	DRILL-320	DRILL-370	DRILL-420	DRILL-500	DRILL-550

For the drill with internal irrigation, add the letter 'W' after the code.




description	STOP									
	H mm	Ø mm	2,3	2,5	2,8	3,2	3,7	4,2	5,0	5,5
DRILL STOP	8	cod.	STOP-230-080	STOP-250-080	STOP-280-080	STOP-320-080	STOP-370-080	STOP-420-080	STOP-500-080	STOP-550-080
	10		STOP-230-100	STOP-250-100	STOP-280-100	STOP-320-100	STOP-370-100	STOP-420-100	STOP-500-100	STOP-550-100
	12		STOP-230-120	STOP-250-120	STOP-280-120	STOP-320-120	STOP-370-120	STOP-420-120	STOP-500-120	STOP-550-120
	14		STOP-230-140	STOP-250-140	STOP-280-140	STOP-320-140	STOP-370-140	STOP-420-140	STOP-500-140	STOP-550-140
	16		STOP-230-160	STOP-250-160	STOP-280-160	STOP-320-160	STOP-370-160	STOP-420-160	STOP-500-160	STOP-550-160

FAL



DRILL BOX AND STOP
cod. FAL-40-001

DRILL NECK









		SE	RB	AN
description				
DRILL NECK	cod.	DRILL-SP-360	DRILL-SP-460	DRILL-SP-610

FAL



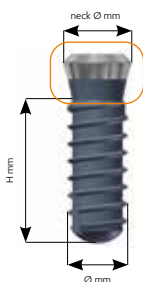
PILOT DRILL
cod. FAL-27-003

	description	DRILL				
						
	Ø mm	3,4	3,8	4,2	4,8	5,8
	EVO CONICAL DRILL					
	cod.	DRILL-EVO-340	DRILL-EVO-380	DRILL-EVO-420	DRILL-EVO-480	DRILL-EVO-580

EVO CONICAL DRILL - FMD PATENT Medical Devices

As a result of its specific morphology, the new double-conicity concept for Conical Drill allows the preparation of the implant insertion calibrated at the same size. The main characteristics of the Conical Drill are:

- 1) the possibility to insert implants of different lengths under the same diameter conditions;
- 2) the possibility to recover bone during the preparation of the implant housing, thanks to special shavings-breaking notches in the apical portion and by means of drills that lead the osseous tissue ground towards the coronal zone called the "recovery" zone;
- 3) the capability to realize a calibrated hole, thanks not only to drills that allow the cutter to self-centre.








SHINER CYLINDRICAL



The Shiner cylindrical XT implants with diameters between Ø 3,4 and Ø 4,8 mm have the conventional Ø 4,8 mm neck and are suitable for replacing mono-radiculated elements in the edentulous crests.

XT



neck Ø 4,8 mm

	Ø mm	H mm	6	8	10	12	14	16
		cod.	XT-34060	XT-34080	XT-34100	XT-34120	XT-34140	XT-34160
	3,4	6						
		cod.	XT-38060	XT-38080	XT-38100	XT-38120	XT-38140	XT-38160
	3,8	6						
		cod.	XT-42060	XT-42080	XT-42100	XT-42120	XT-42140	XT-42160
	4,2	6						
		cod.	XT-48060	XT-48080	XT-48100	XT-48120	XT-48140	XT-48160
	4,8	6						
		cod.	XT-48060	XT-48080	XT-48100	XT-48120	XT-48140	XT-48160

The Shiner cylindrical Wide XW Ø 4,8 with Ø 6,5 mm neck are particularly suitable for post-extractive areas of the molars in case of unsuccessful osseointegration of inferior diameters, if the osseous thickness allows.

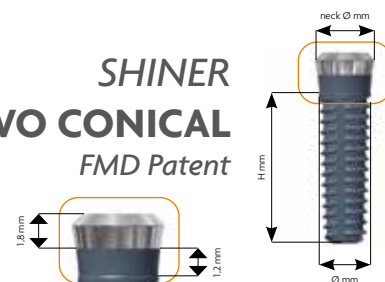
XW

neck Ø 6,5 mm

	Ø mm	H mm	6	8	10	12	14	16
		cod.	XW-48060	XW-48080	XW-48100	XW-48120	XW-48140	XW-48160
	4,8	6						
		cod.	XW-48060	XW-48080	XW-48100	XW-48120	XW-48140	XW-48160







SHINER EVO CONICAL FMD Patent





The original design of this implant with double conicity allows a gradual reduction of the number of drill passes necessary to prepare the implant tunnel. The conic profile and thread design guarantee both a rapid positioning of the implant and a gradual increase in the screwing torque to its limit inside the implant tunnel. This implant, while indicated in most operatory situations, has the additional capability in the post-extractive sites and in the normal and hyperdense crests characterized by moderate horizontal atrophy.

XT

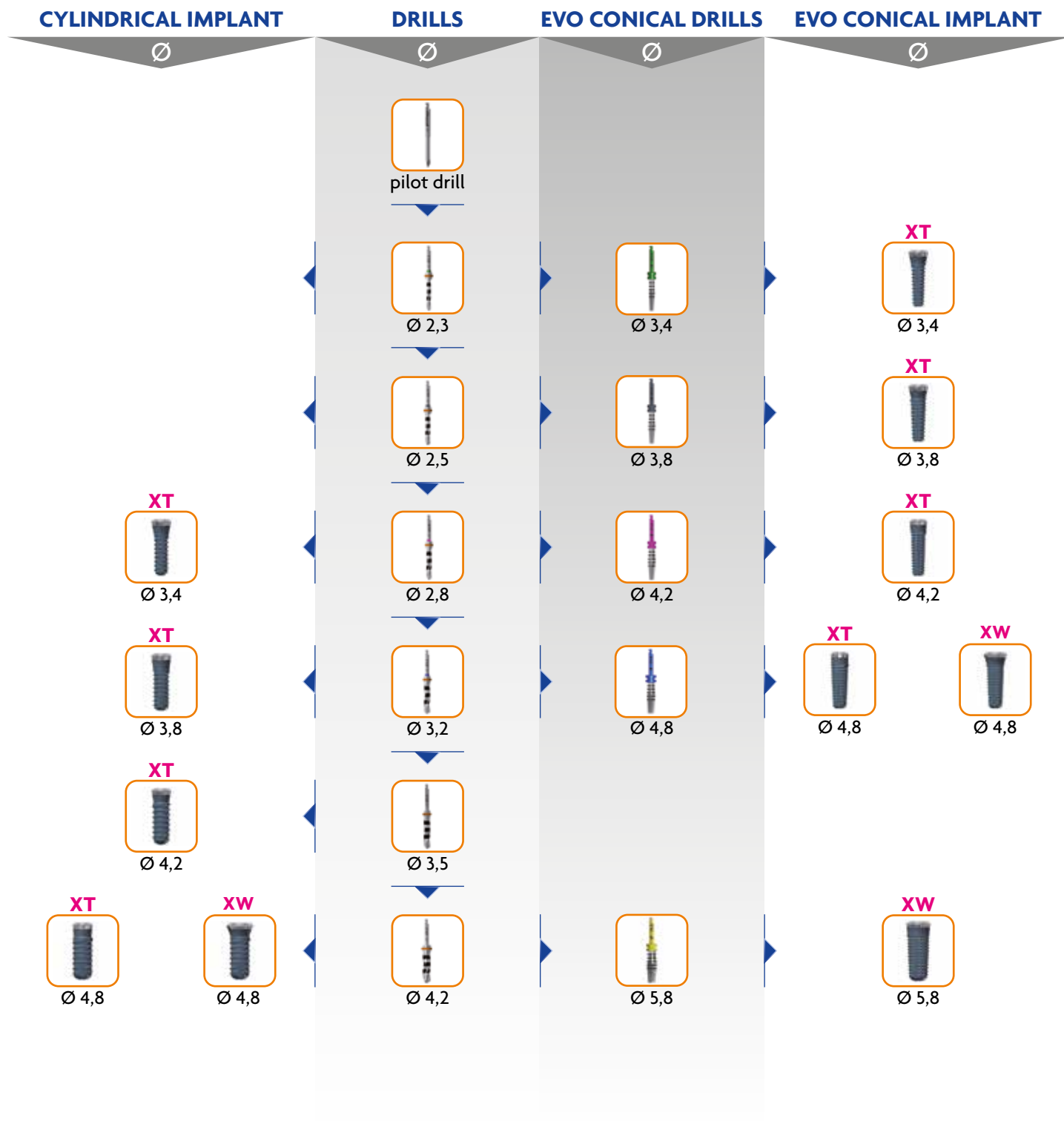
neck Ø 4,8 mm							
	Ø mm	H mm	8	10	12	14	16
	3,4	cod.	XT-EVO-34080	XT-EVO-34100	XT-EVO-34120	XT-EVO-34140	XT-EVO-34160
	Ø mm	H mm	8	10	12	14	16
	3,8	cod.	XT-EVO-38080	XT-EVO-38100	XT-EVO-38120	XT-EVO-38140	XT-EVO-38160
	Ø mm	H mm	8	10	12	14	16
	4,2	cod.	XT-EVO-42080	XT-EVO-42100	XT-EVO-42120	XT-EVO-42140	XT-EVO-42160
	Ø mm	H mm	8	10	12	14	16
	4,8	cod.	XT-EVO-48080	XT-EVO-48100	XT-EVO-48120	XT-EVO-48140	XT-EVO-48160

Double conicity and large diameters make the XW (wide neck) implants suitable for post-extractive sites and in the posterior edentulous crest since they better represent the prosthetic indication of the molars.

XW

neck Ø 6,5 mm							
	Ø mm	H mm	8	10	12	14	16
	4,8	cod.	XW-EVO-48080	XW-EVO-48100	XW-EVO-48120	XW-EVO-48140	XW-EVO-48160
	Ø mm	H mm	8	10	12	14	16
	5,8	cod.	XW-EVO-58080	XW-EVO-58100	XW-EVO-58120	XW-EVO-58140	XW-EVO-58160

INSERTION SCHEME SHINER



In case of D1, D2 bone,
the use of **SHINER** Screw Taps is advised








DRILL NECK

To be used after the last drill,
in preparation of the implant site,
for creating the neck housing;
recommended mainly on D1 and D2 bone.






PROSTHETICS SHINER


	description		XT	XW
	CAP SCREW	cod.	XT-17-001	XW-17-001
	LARGE CAP SCREW	cod.	XT-17-002	XW-17-002
	HEALING ABUTMENT H2 mm HEALING ABUTMENT H3 mm HEALING ABUTMENT H4 mm HEALING ABUTMENT H5 mm	cod.	XT-18-002 XT-18-003 XT-18-004 XT-18-005	XW-18-002 XW-18-003 XW-18-004 XW-18-005
	HEALING ABUTMENT FLARED + SCREW	cod.	XT-19-001	---









	description		XT	XW
	SHORT SCREWABLE ABUTMENT MEDIUM SCREWABLE ABUTMENT LONG SCREWABLE ABUTMENT	cod.	XT-12-001 XT-12-002 XT-12-003	XW-12-001 XW-12-002 XW-12-003
	ANTIROTATIONAL ABUTMENT + SCREW	cod.	XT-29-002	XW-29-002
	ROTATIONAL ABUTMENT + SCREW	cod.	XTL-29-002	XWL-29-002
	15° ANGLED ANTIROTATIONAL ABUTMENT+ SCREW 25° ANGLED ANTIROTATIONAL ABUTMENT + SCREW	cod.	XT-15-001 XT-15-002	XW-15-001 XW-15-002
	15° ANGLED ROTATIONAL ABUTMENT+ SCREW 25° ANGLED ROTATIONAL ABUTMENT + SCREW	cod.	XTL-15-001 XTL-15-002	XWL-15-001 XWL-15-002
	CASTABLE ANTIROTATIONAL ABUTMENT + SCREW	cod.	XT-29-001	XW-29-001
	CASTABLE ROTATIONAL ABUTMENT + SCREW	cod.	XTL-29-001	XWL-29-001
	TEMPORARY ANTIROTATIONAL ABUTMENT IN PEEK + SCREW	cod.	XT-39-001	XW-39-001
	CEMENTABLE CASTABLE ABUTMENT	cod.	XT-16-001	---

PROSTHETICS

SHINER









	description		XT	XW
	TRANSFER + SCREW	cod.	XT-30-001	XW-30-001
	PICK-UP TRANSFER	cod.	XT-30-003	XW-30-003
	REPLICA	cod.	XT-11-001	XW-11-001

	description		XT-XW
	UNIVERSAL SCREW	cod.	XT-03-002




	description		XT	XW
	REPLICA WITH SHORT SCREW-ABUTMENT	cod.	XT-11-002	XW-11-002
	REPLICA WITH MEDIUM SCREW-ABUTMENT		XT-11-003	XW-11-003
	REPLICA WITH LONG SCREW-ABUTMENT		XT-11-004	XW-11-004
	SHOULDERED REPLICA	cod.	XT-31-001	XW-31-001
	SMALL CAP FOR IMPRESSION	cod.	XT-28-001	XW-28-001
	POSITIONING CYLINDER FOR SCREWABLE ABUTMENT	cod.	XT-27-001	XW-27-001
	ANTIROTATIONAL POSITIONING CYLINDER	cod.	XT-26-001	XW-26-001
	CASTABLE ROTATIONAL SMALL CAP FOR FUSIONS	cod.	XT-10-003	XW-10-003
	CASTABLE ROTATIONAL SMALL CAP FOR FUSIONS AND TEMPORARIES	cod.	XT-34-001	XW-34-001
	CASTABLE ANTIROTATIONAL SMALL CAP FOR FUSIONS AND TEMPORARIES	cod.	XT-34-002	XW-34-002



PROSTHETICS FOR OCTAGONAL BAR SYSTEM *SHINER*



	description		XT
	OCTAGONAL ABUTMENT	cod.	XT-01-001
	OCTAGONAL ROTATIONAL PROTECTION SMALL CAP + SCREW	cod.	XT-07-001
	OCTAGONAL TITANIUM SMALL CAP FOR TEMPORARY ROTATIONAL + SCREW	cod.	XT-08-001
	OCTAGONAL TRANSFER + SCREW	cod.	XT-04-001
	OCTAGONAL REPLICA	cod.	XT-06-001
	CEMENTABLE OCTAGONAL ROTATIONAL SMALL CAP + SCREW	cod.	XT-02-001
	CEMENTABLE OCTAGONAL ANTIROTATIONAL SMALL CAP + SCREW		XT-02-002
	OCLUSAL SCREW FOR H 4 MM	cod.	XT-03-001



OVERDENTURE COMPONENTS *SHINER*

	description		XT	XW
	SPHERICAL ABUTMENT H 0 mm SPHERICAL ABUTMENT H 1 mm SPHERICAL ABUTMENT H 2 mm SPHERICAL ABUTMENT H 3 mm SPHERICAL ABUTMENT H 4 mm	cod.	XT-09-000 XT-09-001 XT-09-002 XT-09-003 XT-09-004	XW-09-000 --- --- --- ---
	CAP FOR SPHERICAL ABUTMENT	cod.	XT-XW XT-13-001	
	STEEL CAP	cod.	XT-14-001	



INSTRUMENTS


SHINER


	description		XT	XT	XT	XT-XW
	HAND-TAPPER FOR CYLIDRICAL IMPLANTS	Ø mm	3,4	3,8	4,2	4,8
		cod.	XT-40-001	XT-40-002	XT-40-003	XT-40-004
	MICROMOTOR TAPPER FOR CYLINDRICAL IMPLANTS	Ø mm	3,4	3,8	4,2	4,8
		cod.	XT-41-001	XT-41-002	XT-41-003	XT-41-004

	description		XT	XT	XT	XT-XW	XW
	HAND-TAPPER FOR CONICAL IMPLANTS	Ø mm	3,4	3,8	4,2	4,8	5,8
		cod.	FAL-59-001	FAL-59-002	FAL-59-003	FAL-59-004	FAL-59-005
	MICROMOTOR TAPPER FOR CONICAL IMPLANTS	Ø mm	3,4	3,8	4,2	4,8	5,8
		cod.	FAL-56-001	FAL-56-002	FAL-56-003	FAL-56-004	FAL-56-005

In case of D1, D2 bone, the use of **SHINER** Screw Taps is advised.

	description		XT-XW
	SHORT DRIVER MEDIUM DRIVER LONG DRIVER	cod.	XT-70-003 XT-70-002 XT-70-001
	DRIVER FOR MICROMOTOR	cod.	XT-72-001

	description		FAL
	SHORT DRIVER FOR WRENCH LONG DRIVER FOR WRENCH	cod.	FAL-49-002 FAL-49-001


	description		XT	XW	XT-XW
	DRIVER FOR SCREWABLE ABUTMENT DRIVER FOR OCTAGONAL ABUTMENT DRIVER FOR SPHERICAL ABUTMENT	cod.	XT-25-001 XT-25-002 ---	XW-25-001 --- ---	--- --- XT-25-003





INSTRUMENTS


SHINER

PROSTHETIC DRIVERS 1,2 mm

	description		FAL
	SHORT S/T DRIVER	cod.	FAL-34-001
	MEDIUM S/T DRIVER		FAL-34-002
	LONG S/T DRIVER		FAL-34-003


	description		FAL
	SHORT DRIVER	cod.	FAL-44-001
	MEDIUM DRIVER		FAL-44-002
	LONG DRIVER		FAL-44-003


	description		FAL
	DRIVER FOR MICROMOTOR	cod.	FAL-23-001

	description		FAL
	SHORT HEX DRIVER FOR WRENCH	cod.	FAL-32-007
	LONG HEX DRIVER FOR WRENCH		FAL-32-003

SHINER PROSTHETIC HOLDER AND LABORATORY INSERT

The laboratory holder with interchangeable inserts is used to support for the preparation, personalization and refinishing of the abutment and prosthesis structure.





	description		FAL
	LABORATORY HOLDER	cod.	FAL-71-001


	description		XT	XW
	LABORATORY INSERT	cod.	XT-71-001	XW-71-001

INSTRUMENTS

SHINER



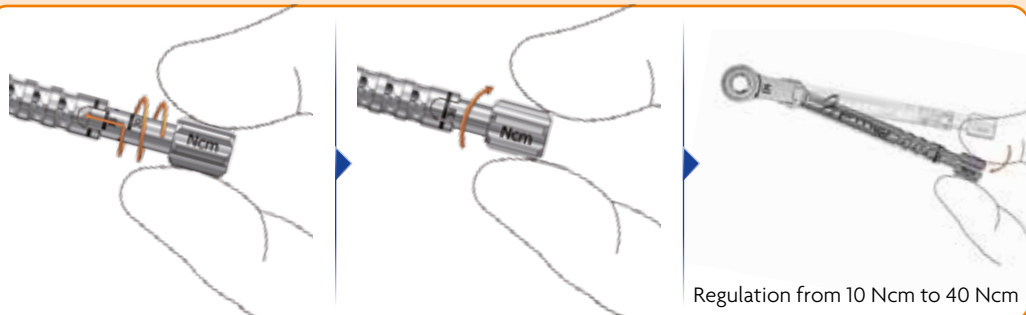
	description		FAL
	MOUNT FOR MICROMOTOR	cod.	FAL-42-001
	description		FAL
	RATCHET WRENCH	cod.	FAL-11-002
	description		FAL
	STRAIGHT MANUAL DRIVER H 150 mm	cod.	FAL-01-002
	description		FAL
	MANUAL KEY + LEVER	cod.	FAL-18-002



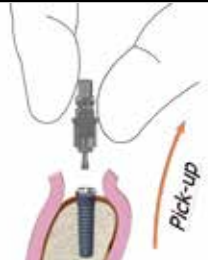
FAL

DYNAMOMETRIC TORQUE WRENCH

cod. FAL-36-002



Regulation from 10 Ncm to 40 Ncm



Pick-up

Refer to the instructions for implant insertion.

FMD advises:
 "After a few turns, remove the implant mounter and continue with the appropriate implant drivers from the **Shiner** line."

DRILLS AND STOPS SHINER



DRILL WITH STOP



DRILL WITH STOP INSERTED

DRILL WITH QUICK, EASY DEPTH-STOP

This makes the drilling work easy, quick and safer. The stop applied on the drill ensures the desired depth is obtained automatically, thus avoiding unfortunate consequences from an excessive drill penetration (interference with blood vessels and nerves adjoining the operation area.) Thanks to its characteristics, it avoids having to follow to the depth notches during cutting (no-look system).



description	DRILL						
	Ø mm	2,3	2,5	2,8	3,2	3,5	4,2
DRILL	cod.	DRILL-230	DRILL-250	DRILL-280	DRILL-320	DRILL-350	DRILL-420

For the drill with internal irrigation, add the letter 'W' after the code.




description	STOP							
	H mm	Ø mm	2,3	2,5	2,8	3,2	3,5	4,2
DRILL STOP	6	cod.	STOP-230-060	STOP-250-060	STOP-280-060	STOP-320-060	STOP-350-060	STOP-420-060
	8		STOP-230-080	STOP-250-080	STOP-280-080	STOP-320-080	STOP-350-080	STOP-420-080
	10		STOP-230-100	STOP-250-100	STOP-280-100	STOP-320-100	STOP-350-100	STOP-420-100
	12		STOP-230-120	STOP-250-120	STOP-280-120	STOP-320-120	STOP-350-120	STOP-420-120
	14		STOP-230-140	STOP-250-140	STOP-280-140	STOP-320-140	STOP-350-140	STOP-420-140
	16		STOP-230-160	STOP-250-160	STOP-280-160	STOP-320-160	STOP-350-160	STOP-420-160

FAL



DRILL AND STOP BOX
cod. FAL-40-001

DRILL NECK







DRILL NECK					
	description	XT XT XW			
		cod.	DRILL-SV-3448	DRILL-SV-4248	DRILL-SV-4865

FAL



PILOT DRILL
cod. FAL-27-003



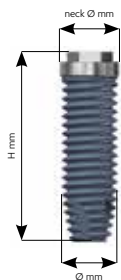
description	DRILL					
						
EVO CONICAL DRILL	Ø mm	3,4	3,8	4,2	4,8	5,8
	cod.	DRILL-EVO-340	DRILL-EVO-380	DRILL-EVO-420	DRILL-EVO-480	DRILL-EVO-580

EVO CONICAL DRILL – FMD PATENT Medical Devices

As a result of its specific morphology, the new double-conicity concept for Conical Drill allows the preparation of the implant insertion calibrated at the same size. The main characteristics of the Conical Drill are:

- 1) the possibility to insert implants of different lengths under the same diameter conditions;
- 2) the possibility to recover bone during the preparation of the implant housing, thanks to special shavings-breaking notches in the apical portion and by means of drills that lead the osseous tissue ground towards the coronal zone called the "recovery" zone;
- 3) the capability to realize a calibrated hole, thanks not only to drills that allow the cutter to self-centre.













STORM CYLINDRICALS

Implant diameters between 3,4 and 5,0 mm are most suitable for replacing single mono-radiculated elements in the edentulous crests. Implant diameters 6,0 are most suitable in post-extractive areas of molars and in the case of unsuccessful osseointegration of inferior diameters, where osseous thickness makes this possible.

PJ HEXAGON 2,7 mm

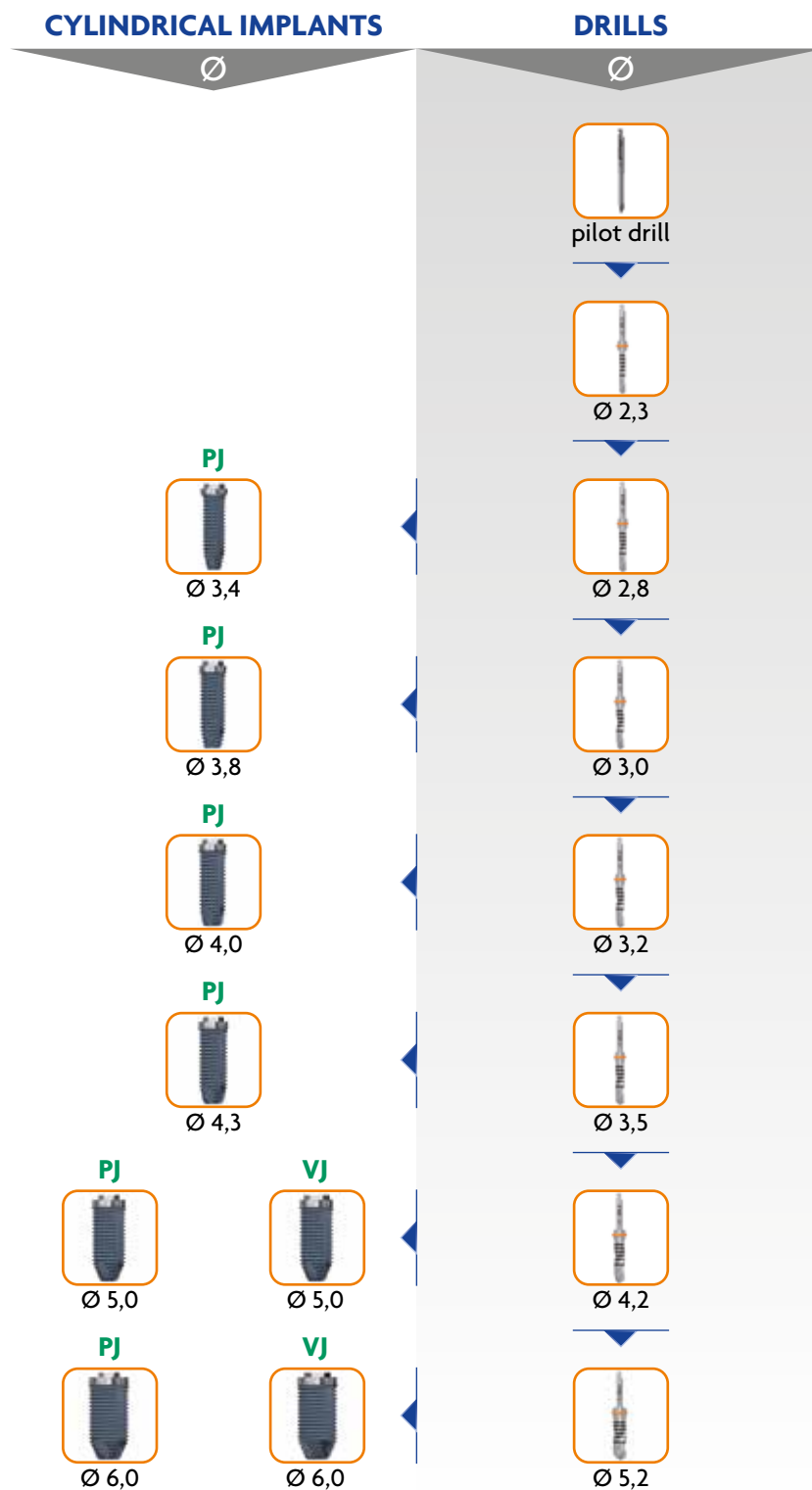
neck Ø 4,1 mm 	Ø mm 3,4	H mm cod.	7,0 PJ-15-001	8,0 PJ-15-002	10 PJ-15-003	11,5 PJ-15-004	13 PJ-15-005	15 PJ-15-006	18 PJ-15-007
neck Ø 4,1 mm 	Ø mm 3,8	H mm cod.	7,0 PJ-16-001	8,0 PJ-16-002	10 PJ-16-003	11,5 PJ-16-004	13 PJ-16-005	15 PJ-16-006	18 PJ-16-007
neck Ø 4,1 mm 	Ø mm 4,0	H mm cod.	7,0 PJ-17-001	8,0 PJ-17-002	10 PJ-17-003	11,5 PJ-17-004	13 PJ-17-005	15 PJ-17-006	18 PJ-17-007
neck Ø 4,5 mm 	Ø mm 4,3	H mm cod.	7,0 PJ-18-001	8,0 PJ-18-002	10 PJ-18-003	11,5 PJ-18-004	13 PJ-18-005	15 PJ-18-006	18 PJ-18-007
neck Ø 5,0 mm 	Ø mm 5,0	H mm cod.	7,0 PJ-19-001	8,0 PJ-19-002	10 PJ-19-003	11,5 PJ-19-004	13 PJ-19-005	15 PJ-19-006	18 PJ-19-007
neck Ø 6,0 mm 	Ø mm 6,0	H mm cod.	7,0 PJ-20-001	8,0 PJ-20-002	10 PJ-20-003	11,5 PJ-20-004	13 PJ-20-005	15 PJ-20-006	18 PJ-20-007

VJ HEXAGON 3,4 mm

neck Ø 5,0 mm 	Ø mm 5,0	H mm cod.	7,0 VJ-19-001	8,0 VJ-19-002	10 VJ-19-003	11,5 VJ-19-004	13 VJ-19-005	15 VJ-19-006	18 VJ-19-007
neck Ø 6,0 mm 	Ø mm 6,0	H mm cod.	7,0 VJ-20-001	8,0 VJ-20-002	10 VJ-20-003	11,5 VJ-20-004	13 VJ-20-005	15 VJ-20-006	18 VJ-20-007



INSERTION SCHEME *STORM*
















In case of D1, D2 bone,
the use of **STORM**
Screw Taps is advised.

PROSTETICS

STORM











The **CAP SCREW** is supplied with the implant.




	description		PJ				VJ	
	HEALING ABUTMENT H2 mm HEALING ABUTMENT H4 mm HEALING ABUTMENT H6 mm	Ø mm	3,4-3,8-4,0	4,3	5,0	6,0	5,0	6,0
		cod.	PJ-11-001 PJ-11-002 PJ-11-003	PJ-28-001 PJ-28-002 PJ-28-003	PJ-37-001 PJ-37-002 PJ-37-003	PJ-46-001 PJ-46-002 PJ-46-003	VJ-37-001 VJ-37-002 VJ-37-003	VJ-46-001 VJ-46-002 VJ-46-003
	description		PJ				VJ	
	ANTIROTATIONAL ABUTMENT + SCREW	Ø mm	3,4-3,8-4,0	4,3	5,0	6,0	5,0	6,0
		cod.	PJ-05-001	PJ-23-001	PJ-32-001	PJ-41-001	VJ-32-001	VJ-41-001
	ANTIROTATIONAL FULL ABUTMENT + SCREW	cod.	PJ-43-001	PJ-44-001	PJ-45-001	PJ-53-001	VJ-45-001	VJ-53-001
	ANTIROTATIONAL MILLABLE ABUTMENT FOR IMPRESSION + SCREW	cod.	PJ-48-001	---	---	---	---	---
	15° ANGLED ANTIROTATIONAL ABUTMENT + SCREW	cod.	PJ-78-001	PJ-78-002	PJ-78-003	PJ-78-004	VJ-78-001	VJ-78-002
	25° ANGLED ANTIROTATIONAL ABUTMENT + SCREW		PJ-78-005	PJ-78-006	PJ-78-007	PJ-78-008	VJ-78-003	VJ-78-004
	SHORT SCREWABLE ABUTMENT LONG SCREWABLE ABUTMENT	cod.	PJ-04-002 PJ-04-001	PJ-22-002 PJ-22-001	PJ-31-002 PJ-31-001	PJ-42-002 PJ-42-001	VJ-31-002 VJ-31-001	VJ-42-002 VJ-42-001
	ANTIROTATIONAL TEMPORARY ABUTMENT IN PEEK + SCREW	cod.	PJ-07-001	PJ-07-002	PJ-07-003	PJ-07-004	VJ-07-001	VJ-07-002
	CASTABLE ANTIROTATIONAL ABUTMENT + SCREW	cod.	PJ-50-001	PJ-58-001	PJ-34-001	PJ-54-001	VJ-34-001	VJ-54-001
	CASTABLE ROTATIONAL ABUTMENT + SCREW	cod.	PJ-49-001	PJ-24-001	PJ-33-001	PJ-55-001	VJ-33-001	VJ-55-001
	CASTABLE ANTIROTATIONAL ABUTMENT WITH TITANIUM BASE + SCREW	cod.	PJ-02-001	PJ-02-002	PJ-02-003	PJ-02-004	VJ-02-001	VJ-02-002
	TRANSFER + SCREW	cod.	PJ-52-001	PJ-26-001	PJ-35-001	PJ-56-001	VJ-35-001	VJ-56-001
	REPLICA	cod.	PJ-51-001	PJ-27-001	PJ-36-001	PJ-57-001	VJ-36-001	VJ-57-001
	UNIVERSAL SCREW	cod.	PJ-10-001				VJ-10-001	



PROSTHETICS FOR OCTAGONAL BAR SYSTEM *STORM*



	description		PJ
	H 2 mm OCTAGONAL ABUTMENT H 3 mm OCTAGONAL ABUTMENT	Ø mm	3,4-3,8-4,0
		cod.	PJ-80-002 PJ-80-003
	OCTAGONAL ROTATIONAL PROTECTION SMALL CAP + SCREW	cod.	PJ-83-001
	OCTAGONAL TITANIUM SMALL CAP FOR TEMPORARY ROTATIONAL + SCREW	cod.	PJ-82-001
	OCTAGONAL TRANSFER + SCREW	cod.	PJ-84-001
	OCTAGONAL REPLICA	cod.	PJ-85-001
	CEMENTABLE OCTAGONAL ROTATIONAL SMALL CAP + SCREW CEMENTABLE OCTAGONAL ANTIROTATIONAL SMALL CAP + SCREW	cod.	PJ-81-001 PJ-81-002
	OCLUSAL SCREW	cod.	PJ-88-001
	DRIVER FOR OCTAGONAL ABUTMENT	cod.	PJ-89-001

OVERDENTURES COMPONENTS *STORM*


	description		PJ				VJ	
		Ø mm	3,4-3,8-4,0	4,3	5,0	6,0	5,0	6,0
	SPHERICAL ABUTMENT H 2 mm SPHERICAL ABUTMENT H 3 mm SPHERICAL ABUTMENT H 4 mm SPHERICAL ABUTMENT H 5 mm	cod.	PJ-01-002 PJ-01-003 PJ-01-004 PJ-01-005	PJ-21-002 PJ-21-003 PJ-21-004 PJ-21-005	PJ-30-002 PJ-30-003 PJ-30-004 PJ-30-005	PJ-39-002 PJ-39-003 PJ-39-004 PJ-39-005	VJ-30-002 VJ-30-003 VJ-30-004 VJ-30-005	VJ-39-002 VJ-39-003 VJ-39-004 VJ-39-005
	CAP FOR SPHERICAL ABUTMENT	cod.	PJ-VJ PJ-13-001					
	STEEL CAP	cod.	PJ-14-001					

INSTRUMENTS





STORM

	description		PJ	PJ	PJ	PJ	PJ-VJ	
	HAND-TAPPER FOR CYLIDRICAL IMPLANTS	Ø mm	3,4	3,8	4,0	4,3	5,0	6,0
		cod.	PJ-40-001	PJ-40-002	PJ-40-003	PJ-40-004	PJ-40-005	PJ-40-006
	MICROMOTOR TAPPER FOR CYLINDRICAL IMPLANTS	Ø mm	3,4	3,8	4,0	4,3	5,0	6,0
		cod.	PJ-61-001	PJ-61-002	PJ-61-003	PJ-61-004	PJ-61-005	PJ-61-006

In case of D1, D2 bone, the use of **STORM** Screw Taps is advised.


	description		FAL
	SHORT EXTENSION FOR DRIVER	cod.	FAL-49-002
	LONG EXTENSION FOR DRIVER		FAL-49-001


PROSTHETIC DRIVERS 1,2 mm

	description		FAL		description		FAL
	SHORT S/T DRIVER MEDIUM S/T DRIVER LONG S/T DRIVER	cod.	FAL-34-001 FAL-34-002 FAL-34-003		DRIVER FOR MICROMOTOR	cod.	FAL-23-001
	description		FAL		description		FAL
	SHORT DRIVER MEDIUM DRIVER LONG DRIVER	cod.	FAL-44-001 FAL-44-002 FAL-44-003		SHORT DRIVER FOR WRENCH LONG DRIVER FOR WRENCH	cod.	FAL-32-007 FAL-32-003

STORM PROSTHETIC HOLDER AND LABORATORY INSERT





The laboratory holder with interchangeable inserts is used to support for the preparation, personalization and refinishing of the abutment and prosthesis structure.


	description		<div>FAL</div>								
	LABORATORY HOLDER		cod.		FAL-71-001						

	description	<div>PJ</div>									<div>PJ</div>	<div>PJ</div>	<div>PJ</div>	<div>PJ</div>	<div>VJ</div>	<div>VJ</div>
		Ø mm	3,4	3,8	4,0	4,3	5,0	6,0	5,0	6,0						
		cod.	PJ-71-001				PJ-71-002	PJ-71-003	PJ-71-004	VJ-71-001	VJ-71-002					



INSTRUMENTS STORM

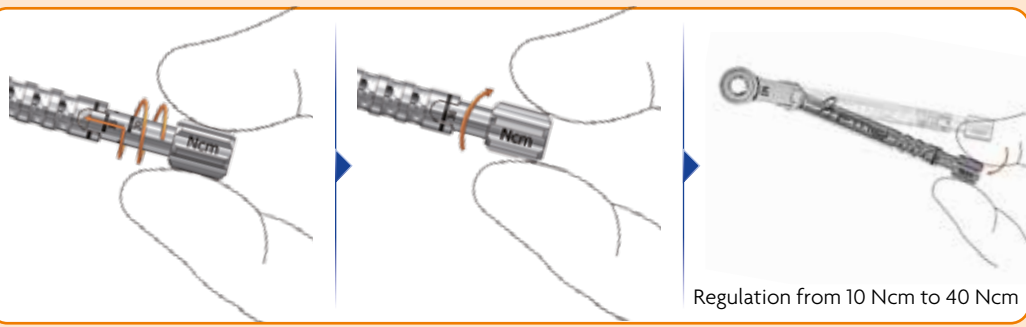
	description		FAL
	MOUNT ADAPTER FOR MICROMOTOR	cod.	FAL-42-001
	description		FAL
	RATCHET WRENCH	cod.	FAL-11-002
	description		FAL
	STRAIGHT MANUAL DRIVER H 150 mm	cod.	FAL-01-002
	description		FAL
	MANUAL KEY + LEVER	cod.	FAL-18-002





FAL

DYNAMOMETRIC TORQUE WRENCH

cod. FAL-36-002



Regulation from 10 Ncm to 40 Ncm

	description		FAL
	3 mm SMALL SQUARE KEY 4 mm SMALL SQUARE KEY	cod.	FAL-47-001 FAL-46-001
	description		FAL
	3 mm 45° SMALL CURVED SQUARE KEY 4 mm 45° SMALL CURVED SQUARE KEY	cod.	FAL-47-002 FAL-46-002

DRILLS AND STOPS STORM



DRILL WITH STOP



DRILL WITH STOP INSERTED

DRILL WITH QUICK, EASY DEPTH-STOP

This makes the drilling work easy, quick and safer. The stop applied on the drill ensures the desired depth is obtained automatically, thus avoiding unfortunate consequences from an excessive drill penetration (interference with blood vessels and nerves adjoining the operation area.) Thanks to its characteristics, it avoids having to follow to the depth notches during cutting (no-look system).



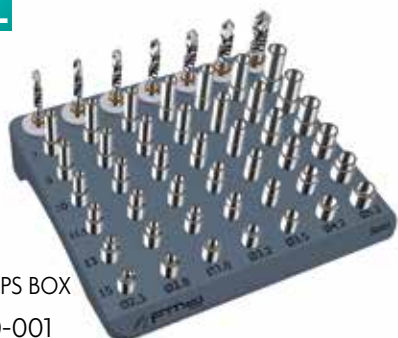
description	DRILL							
	Ø mm	2,3	2,8	3,0	3,2	3,5	4,2	5,2
DRILL	cod.	DRILL-230	DRILL-280	DRILL-300	DRILL-320	DRILL-350	DRILL-420	DRILL-520

For the drill with internal irrigation, add the letter 'W' after the code.



description	STOP								
	H mm	Ø mm	2,3	2,8	3,0	3,2	3,5	4,2	5,2
DRILL STOP	7	cod.	STOP-230-070	STOP-280-070	STOP-300-070	STOP-320-070	STOP-350-070	STOP-420-070	STOP-520-070
	8		STOP-230-080	STOP-280-080	STOP-300-080	STOP-320-080	STOP-350-080	STOP-420-080	STOP-520-080
	10		STOP-230-100	STOP-280-100	STOP-300-100	STOP-320-100	STOP-350-100	STOP-420-100	STOP-520-100
	11,5		STOP-230-115	STOP-280-115	STOP-300-115	STOP-320-115	STOP-350-115	STOP-420-115	STOP-520-115
	13		STOP-230-130	STOP-280-130	STOP-300-130	STOP-320-130	STOP-350-130	STOP-420-130	STOP-520-130
	15		STOP-230-150	STOP-280-150	STOP-300-150	STOP-320-150	STOP-350-150	STOP-420-150	STOP-520-150

FAL



DRILLS AND STOPS BOX

cod. FAL-40-001

FAL



PILOT DRILL

cod. FAL-27-003



FINE SLIM Overdenture



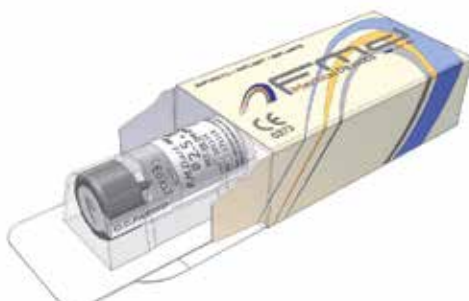
Ease-of-use and rapid mounting are the strong points of this new implant, born from the need to stabilize dentures on fixtures in the presence of atrophic osseous crests. The necessary learning curve for this type of implant insertion is extremely short, making its use appropriate even for neophytes. The implant can be immediately loaded if the screwing torque is greater than 32 Ncm (verified with a dynamometric torque wrench), otherwise it is preferable to postpone the load until integration is completed within 3-4 months) discarding the prosthesis at the retentive sphere of the implant.

	Ø mm	H mm	10	12	14	16	18
	2,5	cod.	SLIM-25-100	SLIM-25-120	SLIM-25-140	SLIM-25-160	SLIM-25-180

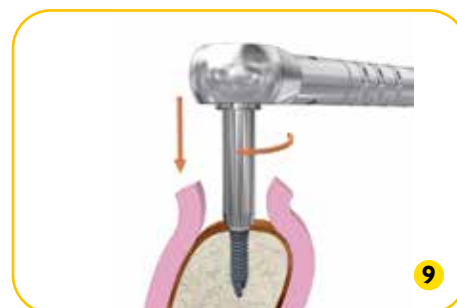
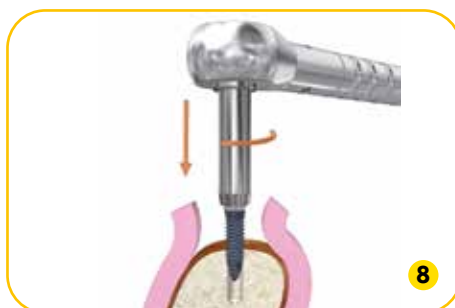
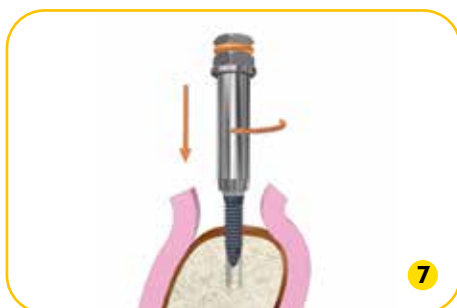
INSERTION SCHEME

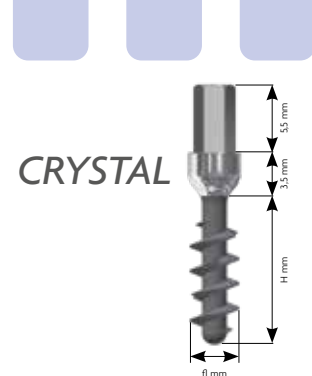
	description				description		
	SMALL CAP FOR SPHERICAL ABUTMENT (Comes with the implant)	cod.	XT-13-001		RATCHET WRENCH	cod.	FAL-11-002
	METAL CAP	cod.	XT-14-001		STRAIGHT MANUAL DRIVER H 150 mm	cod.	FAL-01-002
	MOUNTER	cod.	SLIM-09-001		MANUAL KEY AND LEVER	cod.	FAL-18-002
	SHORT DRIVER FOR WRENCH	cod.	SLIM-08-001		MOUNT ADAPTER FOR MICROMOTOR	cod.	FAL-42-001
	MEDIUM DRIVER FOR WRENCH		SLIM-08-002				
	LONG DRIVER FOR WRENCH		SLIM-08-003				

MOUNTING SYSTEM FINE SLIM



FMD advises: "After a few turns, remove the implant mounter and continue with the appropriate implant driver from the **FINE SLIM** line."










Today we are witnessing huge changes in the approach to oral implants, where the centre of attention has gradually shifted from the exaggerated pursuit of the maximum therapeutic result for the patient, who is no longer seen as the passive recipient of the treatment but rather its main protagonist. This has happened particularly in the area of the biphasic philosophy, traditionally dedicated to the pursuit of the perfect result, due to the fact that its scientific foundation was composed of, at least at the outset, of skilful scientists and researchers little accustomed to clinical practice, so much so that the leading figures were not even orthodontists. The approach of the emerging implantology school of thought has always been very different since, because it is the creation of professionals accustomed to the operating table from where they often draw inspiration for their studies, it has always had to deal with the requirements of patients themselves, with their weaknesses and their demands.


Fortunately the trend is changing and the modern profession requires and pushes for the development of simple methods that are as non-invasive as possible, whose full implementation is also inseparable from the use of monophasic emergent implants, and Crystal® represents the latest generation of these. There are many reasons for their powerful influence, namely the low traumatic impact of the operation, the tendency to minimise recourse to invasive interventions for bone regeneration, by seeking to fully exploit the patient's pristine bone, the simplicity of the procedures, with positive consequences also in terms of time, and the low biological and economic cost.

Crystal® clearly comes from those implants that predated the Branemark studies by many years, conceived and used by the pioneers of implantology in the first half of the last century; but it has been suitably modified and perfected to combine the most modern scientific advances with procedures using age-old but not out-dated knowledge, which are depositaries of an immense patrimony that the doctor has a duty to place at the service of the patient.


	Ø mm 2,5	H mm	8	10	12	14	16	18
		cod.	ONE-25-080	ONE-25-100	ONE-25-120	ONE-25-140	ONE-25-160	ONE-25-180
	Ø mm 3,0	H mm	8	10	12	14	16	18
		cod.	ONE-30-080	ONE-30-100	ONE-30-120	ONE-30-140	ONE-30-160	ONE-30-180
	Ø mm 4,0	H mm	8	10	12	14	16	18
		cod.	ONE-40-080	ONE-40-100	ONE-40-120	ONE-40-140	ONE-40-160	ONE-40-180
	Ø mm 5,0	H mm	8	10	12	14	16	18
		cod.	ONE-50-080	ONE-50-100	ONE-50-120	ONE-50-140	ONE-50-160	ONE-50-180
	Ø mm 6,0	H mm	8	10	12	14	16	18
		cod.	ONE-60-080	ONE-60-100	ONE-60-120	ONE-60-140	ONE-60-160	ONE-60-180

INSTRUMENTS

CRYSTAL







	DRILL			
	Ø mm	2,0	2,3	3,0
	cod.	DRILL-200	DRILL-230	DRILL-300



	SCREW TAP			
	Ø mm	4,0	5,0	6,0
	cod.	ONE-40-001	ONE-50-001	ONE-60-001

INSTRUMENTS

CRYSTAL

	description				description		
	LEVER FOR DIGITAL KEY	cod.	ONE-19-001		STRAIGHT MANUAL DRIVER	cod.	ONE-01-001
	DIGITAL KEY H 0 mm DIGITAL KEY H 5 mm DIGITAL KEY H 10 mm	cod.	ONE-18-001 ONE-18-002 ONE-18-003		DRIVER (FOR STRAIGHT MANUAL DRIVER)	cod.	ONE-02-001
	BARS BENDER	cod.	ONE-05-001		BARS FIRING PIN	cod.	ONE-04-001

INSERTION SCHEME

CRYSTAL

DRILLS

SCREW TAPS

IMPLANT

