XGATE DENTAL

Implants System Catalog

Table of Contents

04 Implants System

09 Drilling Protocol

12 Surgical Kits & Drills

24 Multi Unit System

40 Full Arch

42 XGATE X3 Internal Hex RP

54 XGATE X11 RP

66 XGATE X11 MP

78 XGATE Slim Line

90 Instrument

ABOUT XGATE DENTAL

XGATE Dental is an innovative dental technology company who develop efficiency-improving comprehensive solutions for all phases of implant dentistry. The company is committed to helping dentists overcome complex challenges, while improving patients' health and quality of life by utilizing advanced and up-to-date technologies.

Our original and advanced XGATE Dental multi-Unit system was developed more than 10 years ago, in close collaboration with dentists and dental technicians. This unique set of restorative components comprise of a wide variety of multi-Unit abutments for All-On-4 and All-On-6 procedures, and for other screw-retained restorations even in cases of limited inter-occlusal spaces.

The system provides unprecedented simplicity and precision, shortening treatment time and ensuring successful long-term outcomes. The XGATE Dental abutments are color-coded for quick, easy and identification, and include a large variety of supplement components for traditional or CAD/CAM procedures.

THE XGATE DENTAL RESTORATION SYSTEM

Our motto is: “No return visits!”.

Dental implant treatments are time consuming and require usually multiple visits at the dental clinic. Our mission is to help dentists grow their businesses by offering simple and effective solutions that will enable treating more patients per day.

Our XGATE Dental Restoration System is such a solution: easy to use, straightforward and proven. Thousands screw-retained restorations delivered on these abutments over more than 10 years provide optimal outcomes, with unparallel precision and accuracy that endure long-term success.

QUALITY

XGATE Dental has established, implemented, and communicated throughout the organization a Medical Devices Quality Management System that meets customer requirements, as well as Regulatory & International Standards Requirements, including ISO 13485:2016, EU MDR 2017/745, and USA QSR 21 CFR 820.

Since its establishment, XGATE Dental’s philosophy has been impeccable quality, which speaks for itself. The emphasis is on quality. We focus on equipment precision and the quality of materials used in manufacturing dental implants and other dental restoration elements.

This commitment to quality has enabled XGATE Dental to achieve exceptional results in the production of dental implants, multi-units, abutments, and other prosthetic parts with very precise manufacturing standards . This is a key quality standard. The accuracy of fit and gap-free fit, especially at the implant/abutment interface, is of utmost importance.

REGULATION

XGATE Dental’s quality management system meets customer requirements as well as regulatory and international standards, including:

- ISO 13485:2016
- EU MDR 2017/745
- USA QSR 21 CFR 820

Our dental implant system has been cleared for marketing in the USA under 510(k) K180598.

XGATE Dental’s medical devices sold in the EU bear the CE Mark. Some products may not be regulatory cleared for sale in your market. Please contact your local sales representative for further details.

Disclaimer: This catalog contains products and CAD/CAM libraries available on various markets worldwide. Customers are responsible for ensuring that both products and libraries comply with local regulatory requirements. We recommend using libraries integrated within the official ExoCad and 3Shape programs. For specific guidance on regulatory status, please contact your local distributor or sales representative.

Digital Restoration on screw retained system
based on Multi Unit by XGate Dental

XGATE DENTAL

IMPLANTS
SYSTEM

X3
Pure & Porous

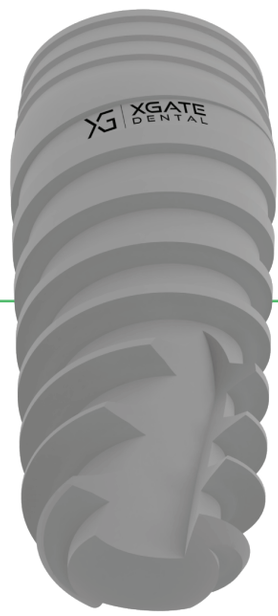
X11
Pure & Porous

THE SAFEST IMPLANT ON EARTH.

Careful production process. Well-prepared and professional implants.

The true measure of success is the final result,
which in our case, is natural-looking prosthetics.

To achieve this, we've designed the implants in a narrowing fashion,
from top to bottom, and included an inbuilt platform switch.



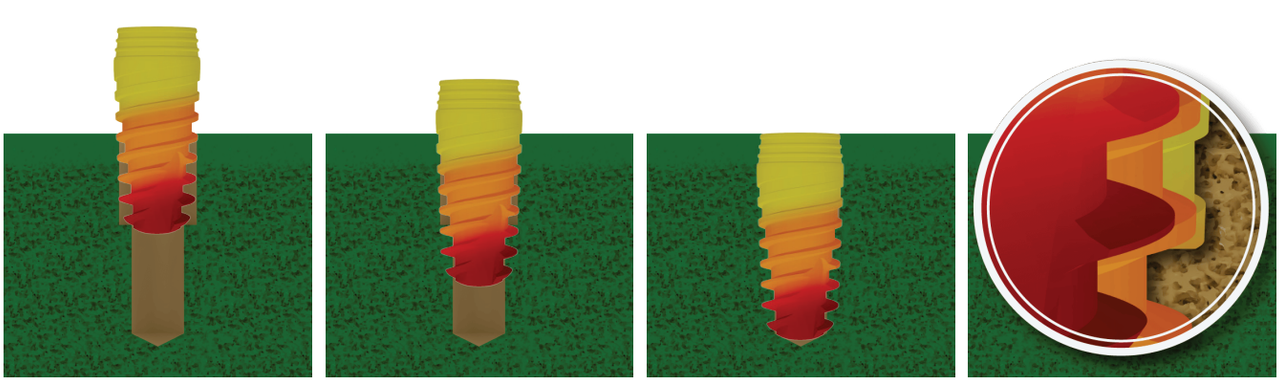
Design

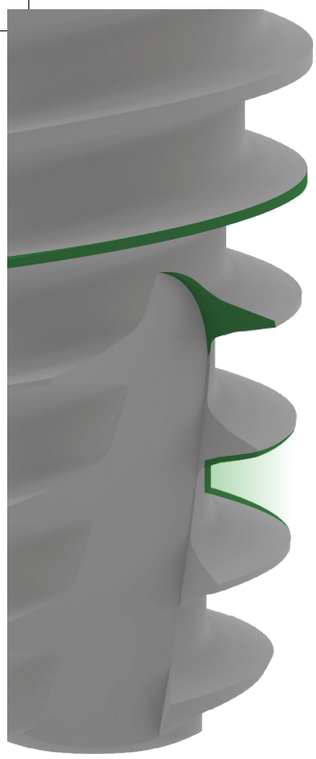
Back-tapered coronal design

- Narrowing cylinder design
- Conical design, cone-shaped
- Funnel-shaped.

Watch
Implant packaging

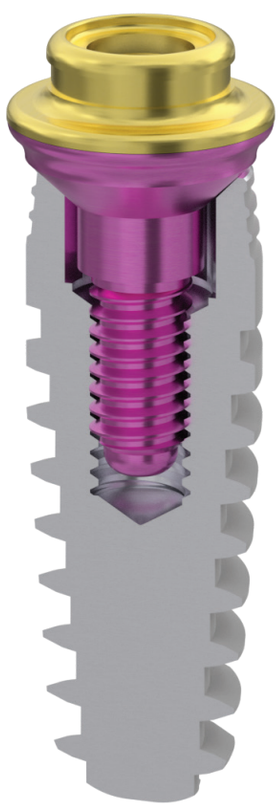
XGate Dental cone-like implant compresses the bone in a gradual fashion, while the special drilling blades at the bottom enable smooth and minimal osteotomy incisions. These features allow achieving high primary stability in difficult situations when there is a soft bone or an existing sockets from previous extractions. XGate Dental implants allow for immediate implant placement and enable functionality soon after the procedure.





Advantages Of The “Tiger Claw” Geometric Form

- Narrowing cylinder design
- Great initial and continual implant stability
- Easy insertion and optimal cutting efficiency (due to the sharp thread shape)
- Increased surface area (due to the round-faced design)
- Excellent Primary stability
- Extraordinary bone-to-implant contact
- High resistance to compressive forces
- Minimized shear force during implantation
- Supports angiogenesis & sustains blood supply

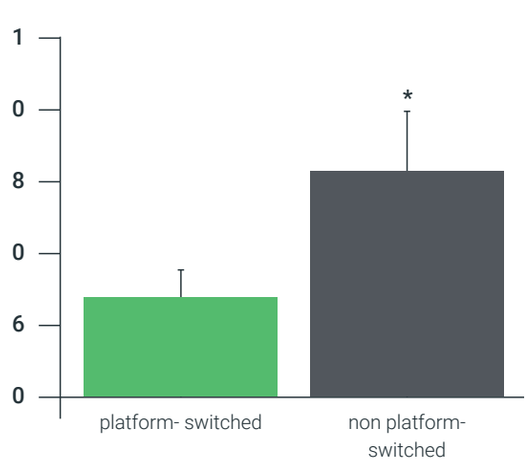


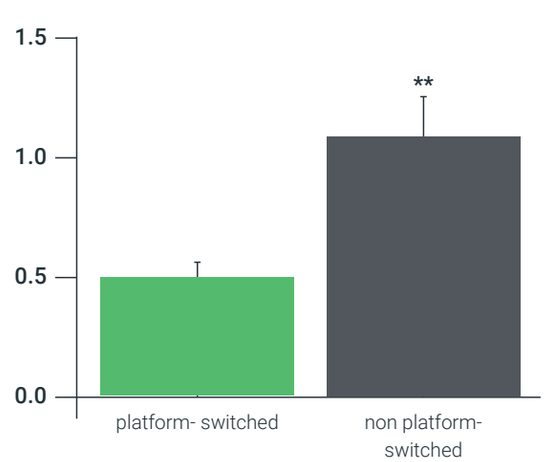
Platform Switching

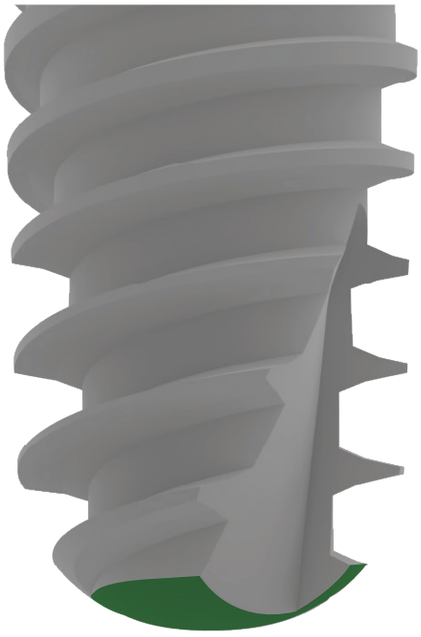
XGate’s built-in platform switching system within the implant keeps it away from bone, thereby minimizing bone resorption. Furthermore, it enables the excellent growth of the soft tissue.

The present study confirms that the platform-switching concept can minimize marginal bone loss over a one year period, in agreement with the previous trial and recent meta-analysis. Specifically, average marginal bone loss around non-platform-switched implants (0.78 mm mesially and 0.90 mm distally) was more than twice the average marginal bone loss around platform-switched implants (0.30 mm mesially and 0.38 mm distally).

Significantly less bone loss was seen around platform-switched implants (left) at the time of insertion of the definitive prosthesis and (right) after one year of function. Data is presented as means ± standard errors of the mean; statistical analyses were performed using two-tailed t tests for unpaired comparisons. *P < .05, **P <.01.

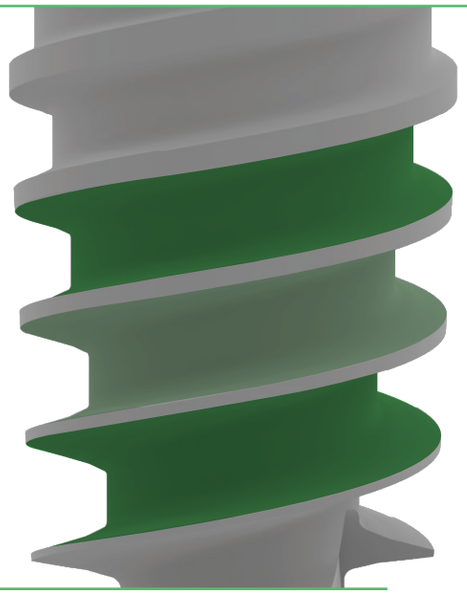






Two Spiral Channel & a domed apex (head/top)

XGate's implant is composed of a domed apex that provides high tolerance, and two cutting blades at the bottom that provide self-screwing properties. This enables a simpler, quicker, and, more importantly, safer procedure.



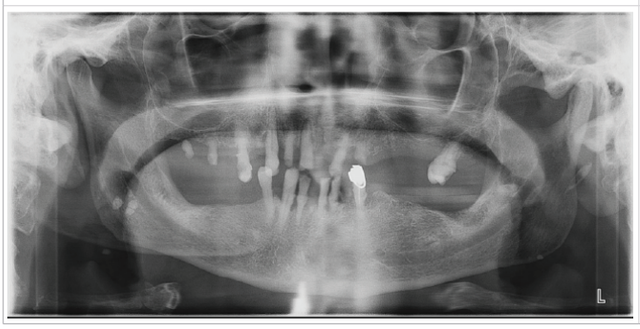
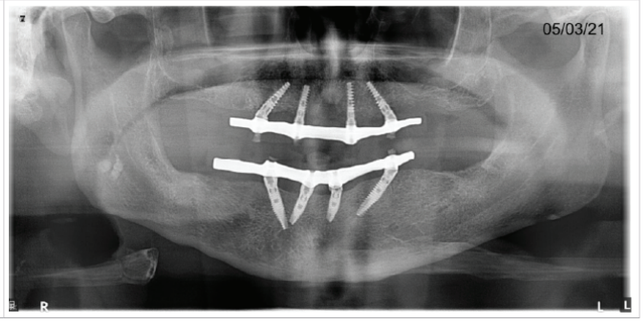
Dual thread

XGate's dual thread design doubles the implant's insertion rate (2.0mm), facilitating a simpler and faster implant placement. Additionally, the self-screwing and low bone compression properties improve primary stability.

INTERNATIONAL IMPLANT CARD
INSTRUCTIONS FOR HCP

Case Study

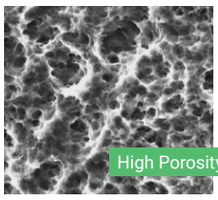
Here you can see X-rays of before and after the implantation procedure, using XGate's implants. You can clearly see that there was a successful osseointegration due to cleanliness of the surface and the advanced design.

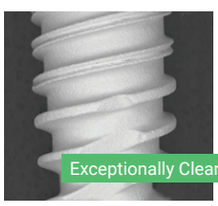
Before	After
	

Surface Treatment · Pure & Porous

An optimal combination of SLA and RBM and is free from their drawbacks.
It consists of Hydroxyapatite (HA) blasting, soft acid dissolution of remaining HA, and surface beneficiation.

Highly porous two-level surface microstructure.
Chosen abrasive- biocompatible, readily soluble and easily removable Hydroxyapatite (HA).
This is done through conducting comprehensive quality assurance evaluations throughout the entire production process on a daily basis.





Academic methods and surface cleanness analysis

SEM - Scanning Electron Microscope –for evaluation and controlling surface microstructure of implants.

Laser Profilometry (LP) and Atomic Force Microscope (AFM) –for qualitative evaluation of surface roughness.

Energy Dispersive Spectroscopy – EDS –for point chemical composition of the surface.

X-ray Photoelectron Spectroscopy – XPS –for full chemical analysis of the surface, thickness of oxide layers,and chemical composition in depth.

Chart-1. Comparison of the P&P implants' surface microstructure with the microstructure of SLA and RBM implants (by original SEM micro-photographs)

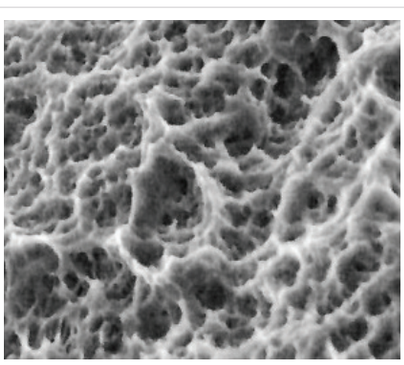
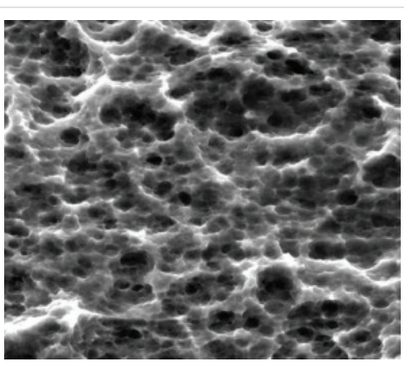
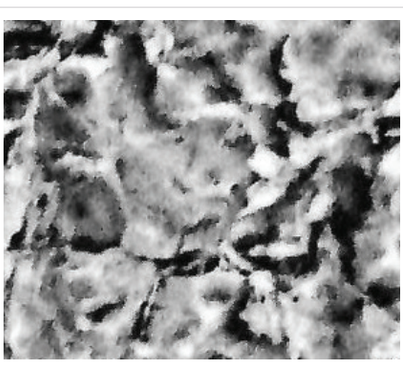
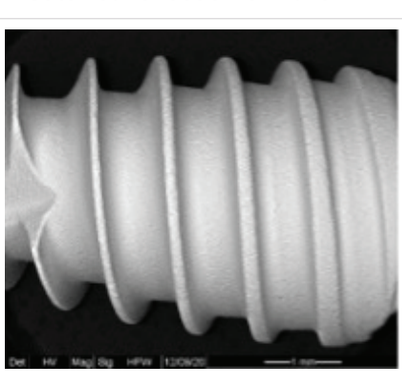
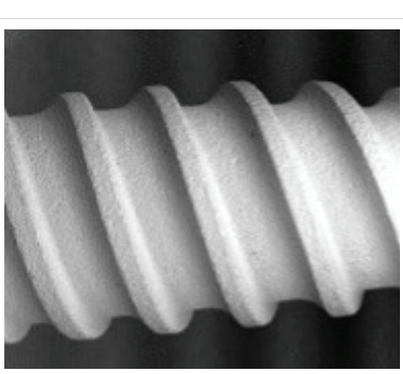
SLA surface one of worldwide leaders	**P&P surface** E01-0011 August 2020	**RBM surface** a well-known manufacturer
		

Chart-4. SEM BC microphotographs at magnification 50

SEM image 1 XGate Lot E010036 Nov 2020	**SEM image 2** one of worldwide leaders	**SEM image 3** a well-known manufacturer
		

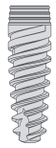
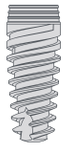
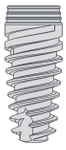
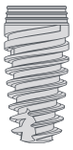
RECOMMENDED DRILLING PROTOCOL

Surgical
Protocol







Implant	Bone	Ø 2.0 PD200L16C	Ø 2.8 SD2028L16C	Ø 3.2 SD2832L16C	Ø 3.6 SD3236L16C	Ø 4.2 SD3642L16C	Ø 4.6 SD4246L16C	Ø 5.0 CD 50
 Ø 3.3	Soft D4	1	¼	(¼)	(¼)			
	D2-3	1	1	½	¼			
	Hard D1	1	1	¾	½			
 Ø 3.75	Soft D4	1	¼	(¼)	(¼)			
	D2-3	1	1	1	½			
	Hard D1	1	1	1	½			
 Ø 4.2	Soft D4	1	1	(¼)	(¼)	(¼)		
	D2-3	1	1	1	½	½		
	Hard D1	1	1	1	1	½		
 Ø 5.0	Soft D4	1	1	1	(¼)			1
	D2-3	1	1	1	1	1	1	1
	Hard D1	1	1	1	1	1	1	1 *

Torque: **Max 50 Ncm** • (x): **Cortical Bone** • Drill: **The number in the brackets (x) denotes the drilling depth relative to the implant length**

* Drill SD4650L16C
Not a part of the Kit

Disclaimer: The drilling protocol provided is only a general guideline and must be adapted to the individual patient, in particular to the clinical conditions, bone quality and surgeon preference. The practitioner is responsible to determine the appropriate protocol for each case based on the practitioner's clinical knowledge, judgment and experience and the individual patient's requirements XGate Dental does not accept any liability for any inconvenience or damage resulting from the use of the provided drilling protocol information.

X11 CONICAL PLATFORM, X3 INTERNAL HEXAGONAL PLATFORM, & SLIM LINE:

SUPERIOR QUALITY IMPLANTS FOR EVERY CONNECTION PREFERENCE

At **XGate Dental**, we offer **high-quality implants** tailored to meet the diverse preferences and needs of dental professionals. Whether you prefer an internal hexagonal or conical connection, or require a solution for limited implantation space, our implants deliver exceptional performance, durability, and reliability. The choice of connection type—**X11 Conical, X3 Internal Hexagonal**, or the **Slim Line** for narrower spaces—ensures that every clinical scenario is covered.

Both the **X11 Conical Platform** and the **X3 Internal Hexagonal Platform** feature our advanced **"Pure & Porous"** surface technology, which enhances osseointegration and ensures long-term implant stability. Additionally, all platforms share the same external form and follow a consistent drilling protocol, making surgical procedures efficient and easy to execute.

X11 Conical Platform

For those who prefer a conical connection, the X11 platform offers:

- **Regular Platform:** Available for implants with diameters of 3.75mm, 4.2mm, and 5.0mm, featuring a 22° conus angle and a hex size of 2.5mm.
- **Mini Platform:** Designed for implants with a diameter of 3.3mm, with a 22° conus angle and a hex size of 2.1mm.

The conical connection provides outstanding bacterial sealing and even stress distribution, making it especially advantageous in aesthetic zones where superior soft tissue integration is crucial.

X3 Internal Hexagonal Platform

For those who favor an internal hex connection, the X3 platform offers:

- **Single Regular Platform:** Suitable for implants of all diameters (3.3mm, 3.75mm, 4.2mm, and 5.0mm), featuring a hex size of 2.42mm. This design simplifies prosthetic handling and offers rotational flexibility, ensuring a smooth workflow for restorations. The internal hex connection is widely trusted for its versatility and ability to streamline restorative workflows with a single prosthetic line for all diameters.
-

Slim Line

For cases with limited implantation space, we've developed the **Slim Line**, an implant with a 3.0mm diameter. This implant is ideal for narrow spaces while maintaining the same **"Pure & Porous"** surface technology for superior osseointegration and long-term stability.

Technical Data of Slim Line:

- **Diameter:** 3.0mm
- **Lengths Available:** 10mm, 11.5mm, 13mm, 15mm
- **Conus Angle:** 16°
- **Hex Size:** 2.0mm

The slim design allows for reliable placement in tight spaces, maintaining excellent primary stability and osseointegration properties.

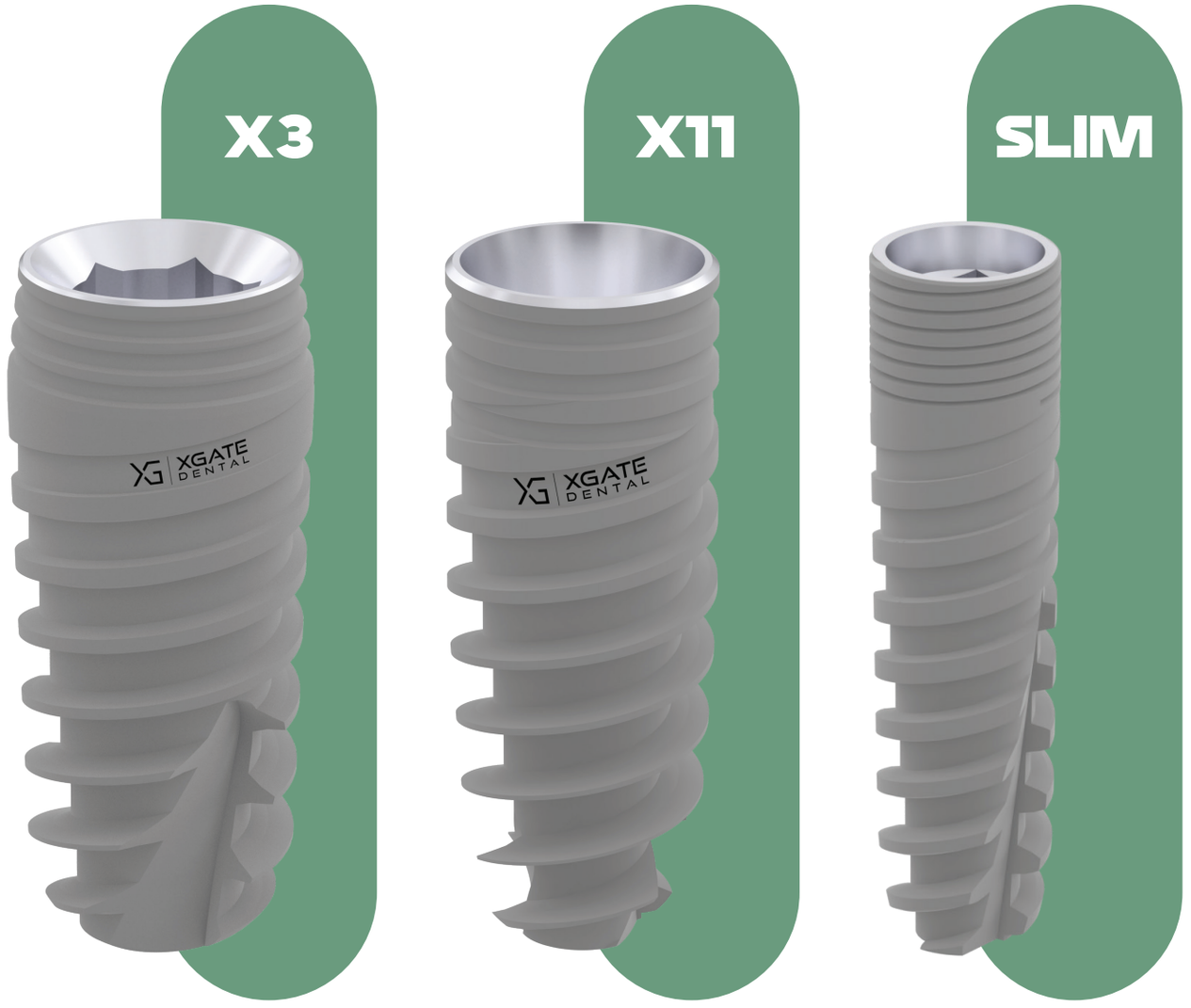
Superior Quality in Every Platform

Each platform ensures **exceptional implant quality:**

- The advanced **"Pure & Porous"** surface technology promotes optimal osseointegration.
- Identical external form and consistent drilling procedures make the surgical process straightforward and efficient, regardless of the platform.

Ultimately, the choice between X11, X3, or Slim Line comes down to personal preference and specific clinical needs. All platforms provide outstanding clinical performance, ensuring that dentists can select the connection or implant type that best aligns with their restorative approach. At XGate Dental, we are committed to providing superior solutions, ensuring that whether you choose a conical, internal hex connection, or a slim implant, you'll receive an implant system that meets the highest standards of quality and innovation.

DOWNLOAD
IMPLANT PASSPORT



BASIC KIT

Convenient Surgical Kit Box
HEX & CONICAL

Depth probe

4100.0004

Marking drill Ø1.9

3300.1900

Drill extender L16

2500.1016

Countersink one size Ø5

2300.5000

Contra angle key for straight MUA D-type

6500.0100

Height: **15**

Manual screw driver for abutments

4500.2008

Hex: **1.27 mm** • Height: **8 mm**

Parallel pin double sided

4100.000X

Long

4100.0001

Short

4100.0002

Long / Short symmetry

Ratchet screw driver for abutments

6700.2010

Hex: **1.27 mm** • Height: **10 mm**

X3 HEX
ITEMS ONLY IN BASIC KIT

Torque ratchet wrench
4100.0008

Torque: **10 - infinity Ncm**

Contra-angle driver for implants & Cover screw
4300.24XX

H20
4300.2420

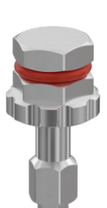
H27
4300.2427

Hex: **2.42 mm**

Manual implant driver • 6.35 mm
4400.0002

ONLY FOR X3

Ratchet screw driver for implants
6700.3410



Head: **2.42 mm** • Height: **10 mm**

X11 CONICAL
ITEMS ONLY IN BASIC KIT

Torque ratchet wrench square

4100.0009

Head: **SQR 4 mm**

Contra-angle driver for implants & Cover screw

4300.25XX

H20
4300.2520

H27
4300.2527

Hex: **2.5 mm**

Ratchet screw driver for implants

6700.6010

Head: **2.5 mm** • Height: **10 mm**

DRILL & STOPPER
IN BASIC KIT

Step drill coated Ø 2.0 / 2.0
3600.2020

Height: **L 16**

Step drill coated Ø 2.0 / 2.8
3600.2028

Height: **L 16**

Step drill coated Ø 2.8 / 3.2
3600.2832

Height: **L 16**

Step drill coated Ø 3.2 / 3.6
3600.3236

Height: **L 16**

Step drill coated Ø 3.6 / 4.2
3600.3642

Height: **L 16**

Step drill coated Ø 4.2 / 4.6
3600.4246

Height: **L 16**

Drill stopper
L 8

2700.XX08

Ø2.8
2700.2808

Ø3.2
2700.3208

Ø3.65
2700.3608

Drill stopper
L 10

2700.XX10

Ø2.8
2700.2810

Ø3.2
2700.3210

Ø3.65
2700.3610

Drill stopper
L 11.5

2700.XX11

Ø2.8
2700.2811

Ø3.2
2700.3211

Ø3.65
2700.3611

Drill stopper
L 13

2700.XX10

Ø2.8
2700.2813

Ø3.2
2700.3213

Ø3.65
2700.3613

Surgical
Protocol

EASY KIT

Convenient Surgical Kit Box
HEX & CONICAL

Depth probe

4100.0004

Contra angle key for straight MUA D-type

6500.0100

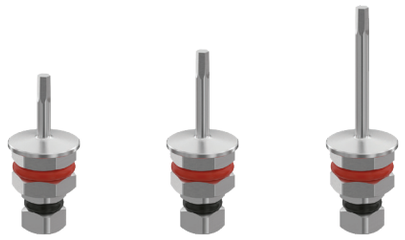
Height: **15**

Ratchet key for straight MUA D-type 6.3mm

6500.0001

Ratchet screw driver for abutments

6700.20XX



H7
6700.2007

H10
6700.2010

H15
6700.2015

Hex: **1.27 mm**

Manual screw driver for abutments

4500.20XX

H8
4500.2008

H15
4500.2015

Hex: **1.27 mm**

Countersink

One / Two sizes

Ø3.2
2300.3200

Ø3.7 + Ø4.2
2400.3742

Ø5.0
2300.5000

Parallel pin double sided

4100.000X

Long
4100.0001

Short
4100.0002

Long / Short symmetry

Marking drill Ø1.9

3300.1900

Drill extender L16

2500.1016

Lance drill Ø1.5 L13

3000.1513

X3 HEX
ITEMS ONLY IN EASY KIT

Manual implant driver • 6.35 mm
4400.0002

ONLY FOR X3

Torque ratchet wrench
4100.0008

Torque: **10 - infinity Ncm**

Ratchet screw driver for implants
6700.34XX

H10
6700.3410

H15
6700.3415

H20
6700.3420

Head: **2.42 mm**

Contra-angle driver for implants & Cover screw
4300.24XX

H20
4300.2420

H27
4300.2427

Hex: **2.42 mm**

X11 CONICAL
ITEMS ONLY IN EASY KIT

Torque ratchet wrench square
4100.0009

Head: **SQR 4 mm**

Ratchet screw driver for implants
6700.4007

Head: **2.1 mm** • Height: **7 mm**

Ratchet screw driver for implants
6700.60XX

H10
6700.6010

H15
6700.6015

Head: **2.5 mm**

Contra-angle driver for implants & Cover screw
4300.2XXX

hex 2.1 H20
4300.2120

hex 2.5 H27
4300.2527

Hex: **2.1 mm** • Hex: **2.5 mm**

DRILLS
IN EASY KIT

Parallel Drill with Integral Stopper Coated
Ø 2.0
4800.20XX


L 8
4800.2008


L 10
4800.2010


L 11.5
4800.2011


L 13
4800.2013

Step Drill with Integral Stopper Coated
Ø 2.0 / 2.5
6359.225XX


L 8
6359.2258


L 10
6359.22510


L 11.5
6359.22511


L 13
6359.22513

Step Drill with Integral Stopper Coated
Ø 2.0 / 2.8
6359.228XX


L 8
6359.2288


L 10
6359.22810


L 11.5
6359.22811


L 13
6359.22813

Step Drill with Integral Stopper Coated
Ø 2.8 / 3.2

6359.2832XX

L 8	L 10	L 11.5	L 13
6359.28328	6359.283210	6359.283211	6359.283213

Step Drill with Integral Stopper Coated
Ø 3.2 / 3.65

6359.3236XX

L 8	L 10	L 11.5	L 13
6359.32368	6359.323610	6359.323611	6359.323613

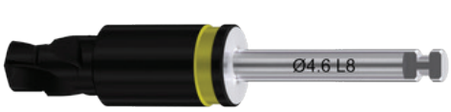
Step Drill with Integral Stopper Coated
Ø 3.6 / 4.2

6359.3642XX

L 8	L 10	L 11.5	L 13
6359.36428	6359.364210	6359.364211	6359.364213

Step Drill with Integral Stopper Coated
Ø 4.2 / 4.6

6359.4246XX



L 8	L 10	L 11.5	L 13
6359.42468	6359.424610	6359.424611	6359.424613

XGATE Dental Restoration System is an advanced Multi-Unit system that provides clinicians with a comprehensive restorative solution.

It is available in two product lines:
V-type & D-type

EXECUTIVE SUMMARY:
V-TYPE MULTI-UNITS FOR DENTAL RESTORATIONS

The **V-Type Multi-Unit Abutment (MUA)** were developed based on years of experience, to offers a smart and effective solution for small to full arch screw retained dental restorations. The V-Type MUA abutments are designed to simplify workflows while ensuring superior aesthetic and functional outcomes.

Key Features and Advantages

1. Wide restorative platform
The V-Type MUA features a smaller cone and a wider restorative platform, allowing for maximum space for restorative materials and enhanced stability. This design not only strengthens the restoration but also significantly improves aesthetic outcomes. The wide restorative platform ensures a high passive connection, providing increased stability while reducing the risk of screw loosening and breakage

2. Simpler Angulation Correction
Straight V-Type MUAs can accommodate for implants placed at angles of up to 40 degrees from each other. This eliminates the need for angled abutments in many cases, simplifying the restorative process, especially in full arch cases.

3. Optimized for Bridge and Full-Arch Restorations
The V-Type MUAs are specifically engineered with a wide restorative platform that significantly enhances the stability and support of any size bridge or full-arch restoration. This design ensures exceptional durability and strength, making it the ideal choice for larger restorations, providing patients with long-lasting, reliable outcomes even in more complex, extensive treatments.

4. Aesthetic Excellence, and Occlusal stability
V-Type MUAs have smaller diameter retentive screws by design. This allows for smaller screw channels. The result is a more esthetic restoration, which is also occlusally more stable, because occlusal contacts are mainly on the restorative material, not the composite used to block screw channels.

5. Enhanced Restorative Durability
The smaller cone and wide restorative base of the V-Shape MUAs ensure thicker restorative materials, thus ensuring higher long term durability of the restorations, for the benefit of both clinicians and patients.

6. Full Integration with CAD/CAM Workflows
The V-Type MUAs are fully compatible with CAD/CAM systems, ensuring seamless integration all digital workflows.

7. Easy to use color coding system:
All V-shape MUAs are color-coded, to allow for simple identification to ensure error-free workflow.

8. For a large variety, to meet all Clinical Needs
V-Type MUAs are available in a large range of gingival heights and angles. The restorative sleeve sizes are also offered in a wide range of heights, to ensure that each restoration can individually be optimized for strength, function and aesthetics.

The, Default Choice for Leading Professionals
V-Type Multi-Units have become the definitive choice for top dental professionals worldwide, who value innovation, reliability, and excellence in their practices, and provide highest standards in dental implantology.

The smart, efficient design allows for seamless integration into every workflow, enabling clinicians to achieve superior results without unnecessary complexity.

Compatibility with Major Implant Systems

At XGATE, the V-Type MUA is compatible with the most popular implant systems worldwide. This ensures that no matter which implant system a dentist is using, they can find a V-Type Multi-Unit that is fully compatible with their setup. This flexibility makes the V-Type a go-to solution for professionals seeking a seamless fit with their existing workflow.

To summarize:

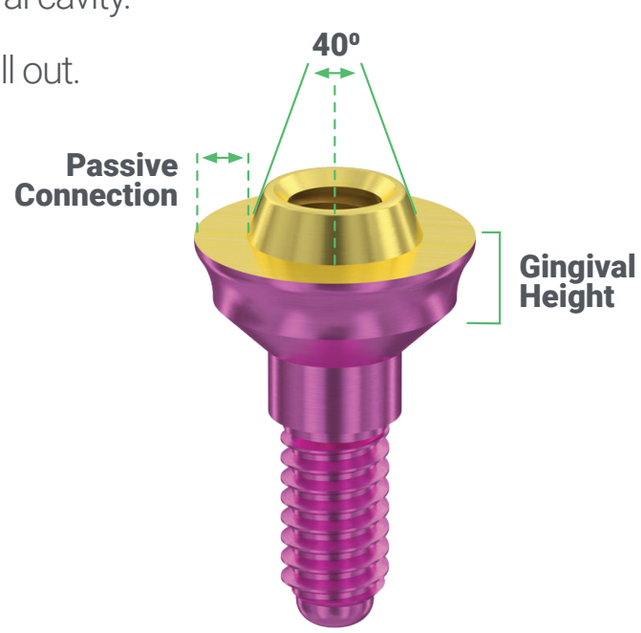
V-Type shape MUAs are a smarter Multi Unit solution for dentists who seek a practical, intelligent, cost-effective and easy solution for small and full arch screw retained restorations. Its innovative design allows ease of use, flexibility to meet any clinical need, and a more stable and resistant dental restoration, without the need to change anything in the standard workflow of the clinic.

V-TYPE
MULTI-UNIT

• **Smaller cone** • **Greater zirconia thickness** •
• **Stronger & aesthetic restoration** •

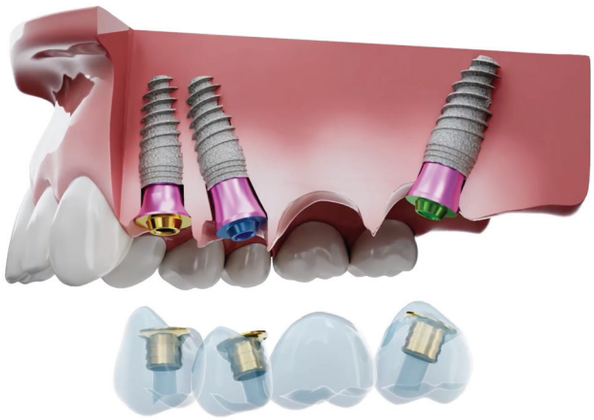
V-Type MU Benefits:

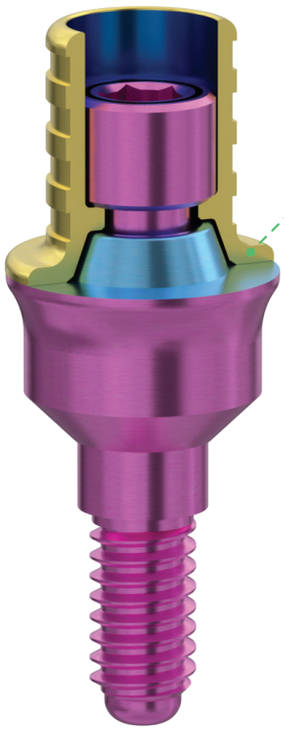
- Use small cone straight MU to correct angulation up to 40° between two adjacent implants.
- Screw passive Main connection between Sleeve and top side of multi-unit.
- Small cone provides more space for the restoration material.
- The only screw-retained solution for cases with limited vertical restoration height.
- 0.5 mm sleeves are designed for exceptional cases where buccally positioned implants are unsuitable for conventional restoration methods.
- Works on bars - A super narrow bar design creates additional space within the oral cavity.
- Small holes – screws don't fall out.



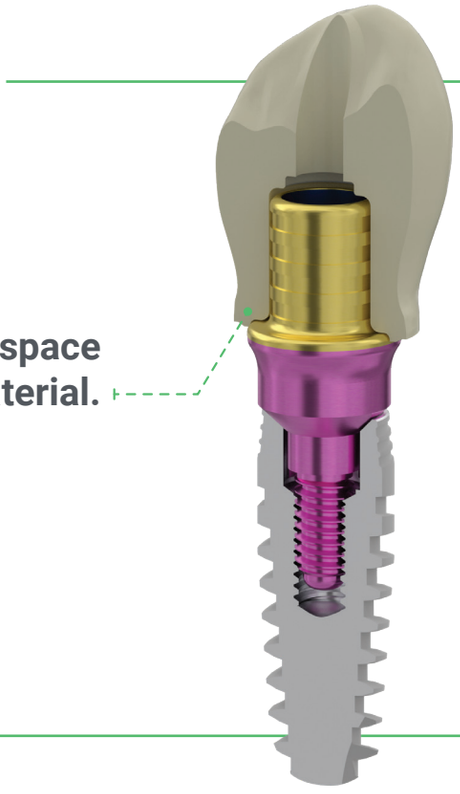
MUA V-type

Use a small cone straight MU to correct angulation up to 40° between two adjacent implants



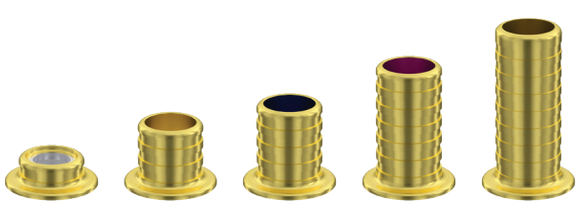


Screw passive Main connection between Sleeve and top side of multi-unit



Small cone provides more space for the restoration material.

Sleeves for Multi-Unit V-type

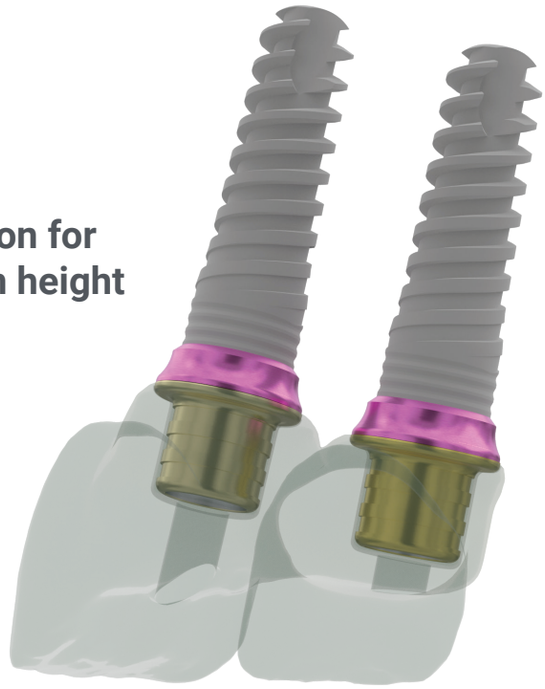


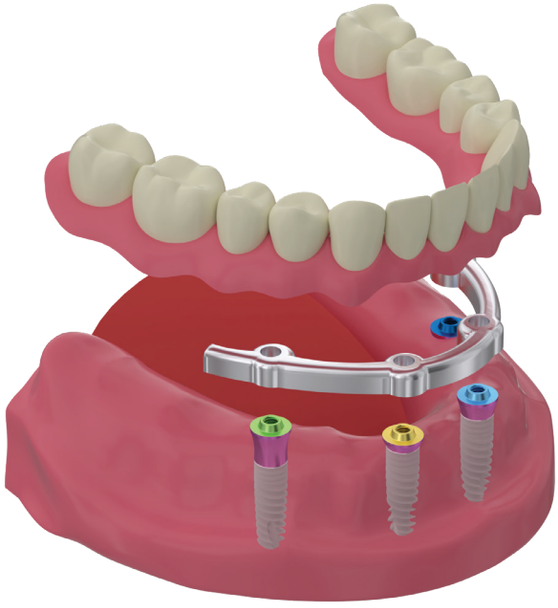
Used for temporary & permanent restorations
Supported by Digital Libraries

Used for temporary restoration

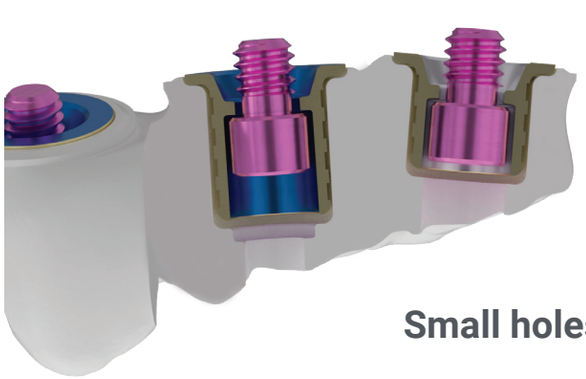
Castable sleeve

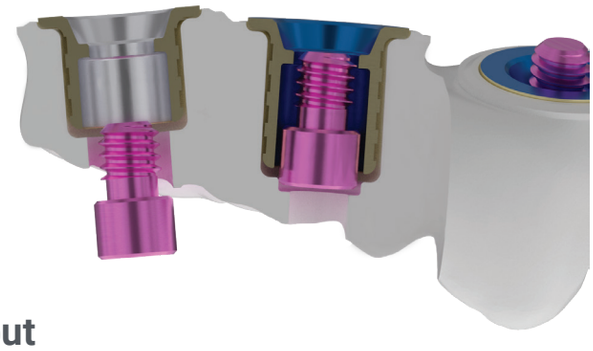
This is the only screw-retained solution for cases with limited vertical restoration height



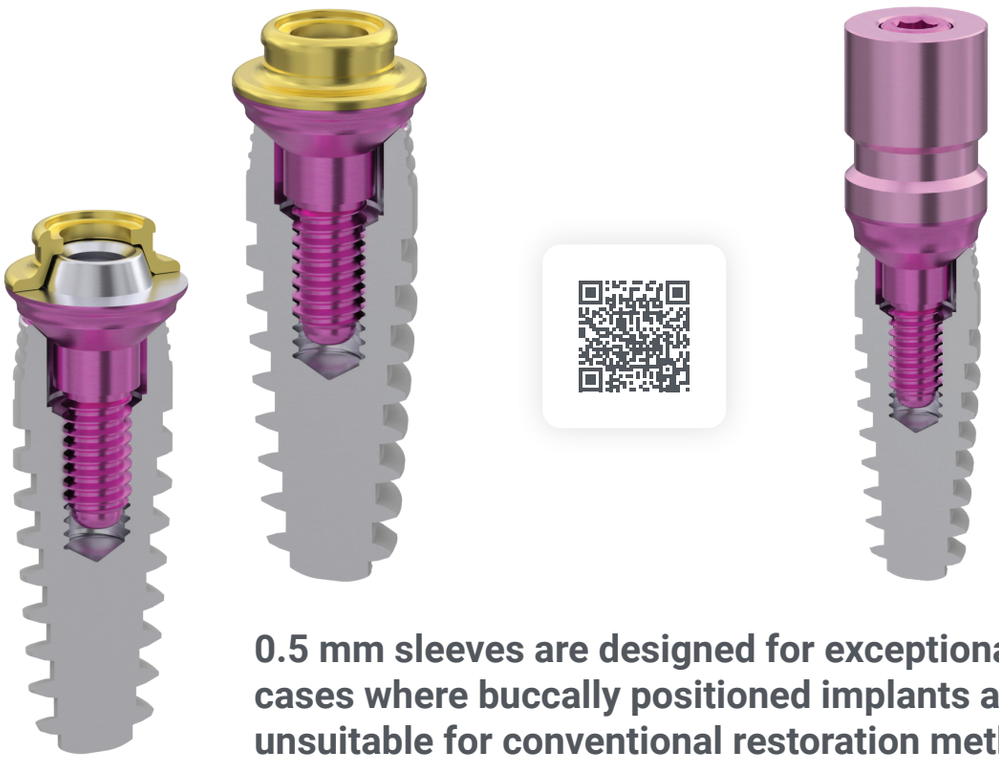


Works on bars -
A super narrow bar design creates additional space within the oral cavity.





Small holes – screws don't fall out

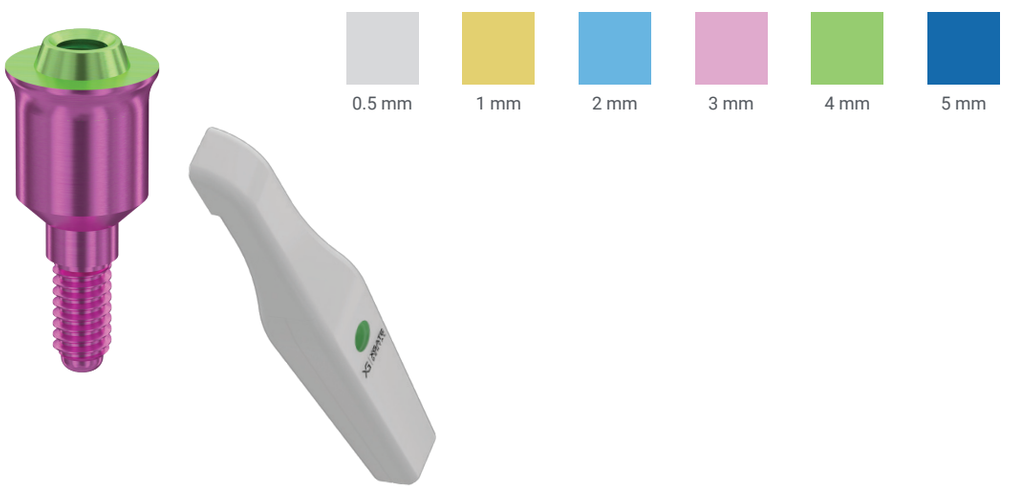


0.5 mm sleeves are designed for exceptional cases where buccally positioned implants are unsuitable for conventional restoration methods.

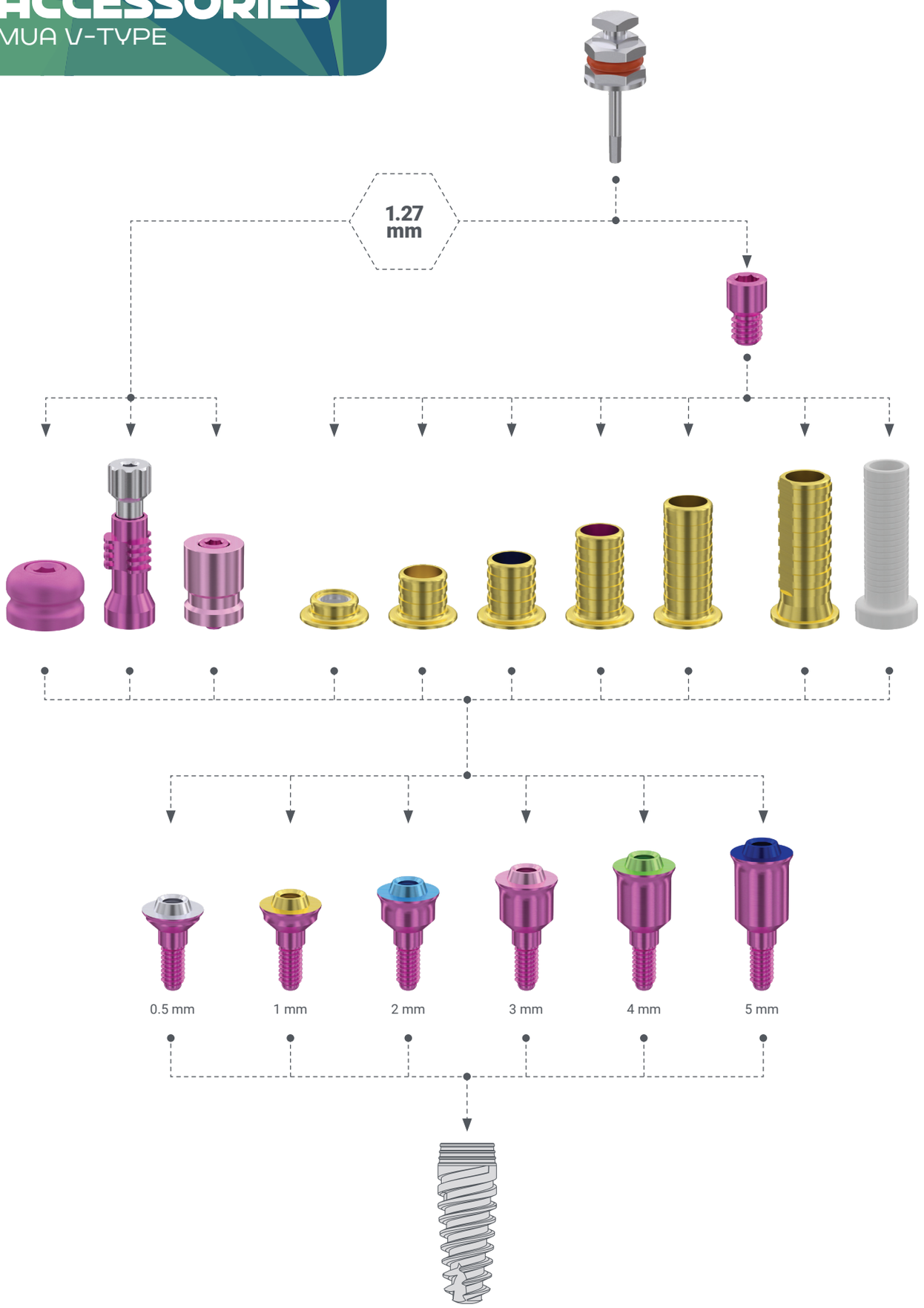
Special Color Coding

Recognized by intra oral scanner, enables the gingival height to be identified both at the clinic and in the dental lab.

The multi-unit body is colored pink so that it merges naturally with the gums.

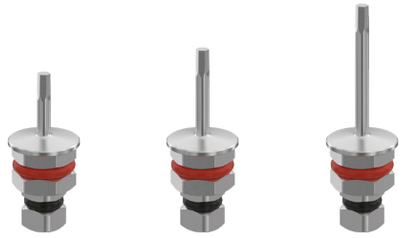


ACCESSORIES
MUA V-TYPE



Ratchet screw driver for abutments

6700.20XX



7 mm — 6700.2007

10 mm — 6700.2010

15 mm — 6700.2015

Hex: **1.27 mm**

Manual screw driver for abutments

4500.20XX

8 mm — 4500.2008

15 mm — 4500.2015

30 mm — 4500.2030

Hex: **1.27 mm**

Digital analog MUA V-type

9100.1102 · CAD/CAM

Supplied With: **Nut for digital analog**

Nut for digital analog

3100.0102 · CAD/CAM

Screw Driver Type: **Hex, 1.27 mm**

Scan body MUA level V-type

7600.0001 · CAD/CAM

Torque: **5-10 Ncm** • Supplied With: **Screw for scan body MUA level V**

Scan body MUA level V-type H12

7600.0012 · CAD/CAM

Torque: **5-10 Ncm** • Supplied With: **Screw for scan body MUA level V**

Scan body for impression V-type

7500.0002 · CAD/CAM

Torque: **5-10 Ncm**

Sleeve for MUA V-type

5400.0X00

1.5 mm	3 mm	4 mm	6 mm	8 mm
5400.0100	5400.0300	5400.0400	5400.0600	5400.0800

Torque: **15 Ncm** • Supplied With: **Screw for MUA sleeve V-type**

Temporary sleeve for MUA V-type

5400.2000

Torque: **15 Ncm**

Castable sleeve for MUA V-type

5400.0001

Torque: **5-10 Ncm**

Screw for MUA sleeve V-type

6400.1002

Screw Driver Type: **Hex, 1.27 mm**

Screw for MUA sleeve V-type Torx6

6400.1604

Screw Driver Type: **Torx6**

Analog MUA V-type

9100.1002

Healing cap for MUA V-type

6100.1002

Screw Driver Type: **Hex, 1.27 mm**

Transfer for MUA V-type

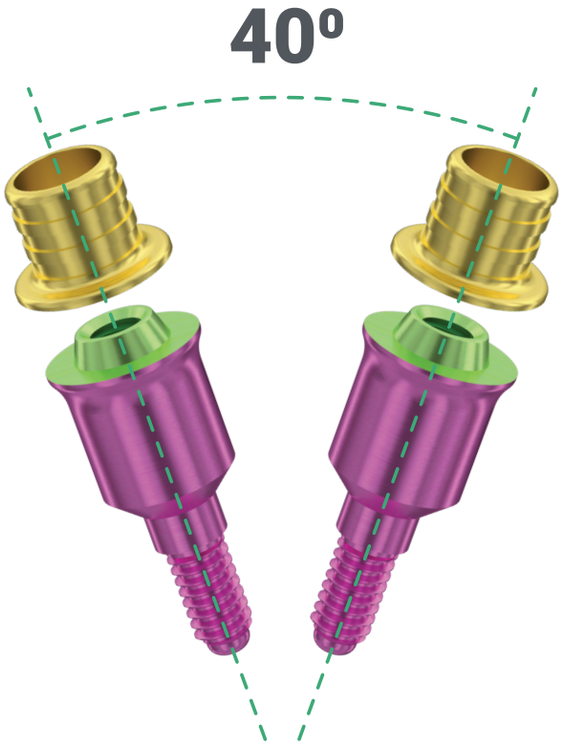
5800.1001

Torque: **5-10 Ncm** • Supplied With: **Screw for MUA transfer V-type**

Screw for MUA transfer V-type

5800.0101

Screw Driver Type: **Hex, 1.27 mm**



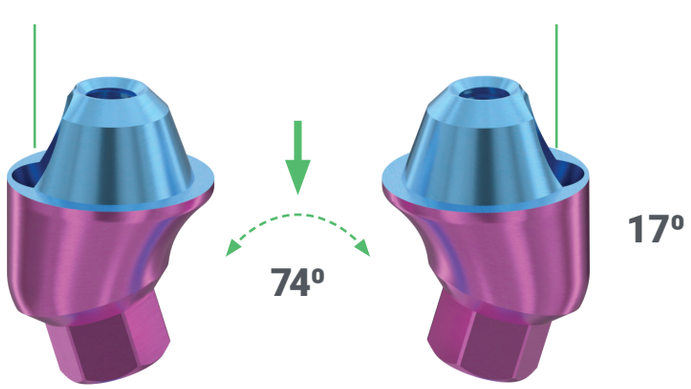
D-TYPE
MULTI-UNIT

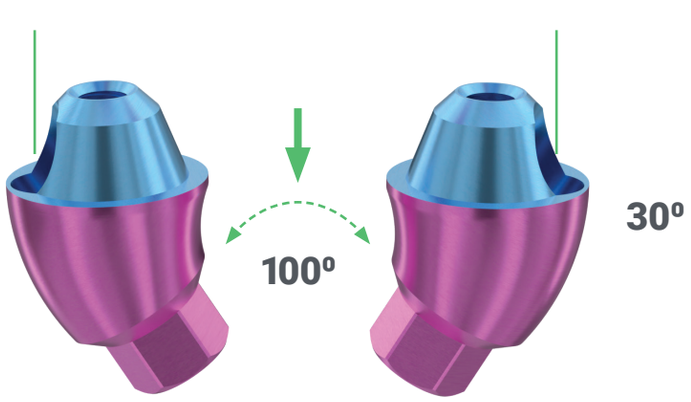
D-Type abutments range features straight bases, and bases with angle correction of 17° and 30° and 1-4 mm of collar heights for all implant platforms including mini-implants.

Angulated MU abutments enable an angle correction in cases of up to 100° deviation between adjacent implants.

In this way it provides:

- Shifting the screw channel
- Optimization on the insertion path
- CAD/CAM and fully digital flow for all milling machine types





Full Arch cases

Straight & Angle

- Clinical flexibility.
- Easy angle correction of deviated screw channels & optimization of the insertion path
- User-friendly and compatible with traditional and digital workflow
- Intuitive combination of Multi-Unit abutments, that have the same sleeves and other supra-structures.

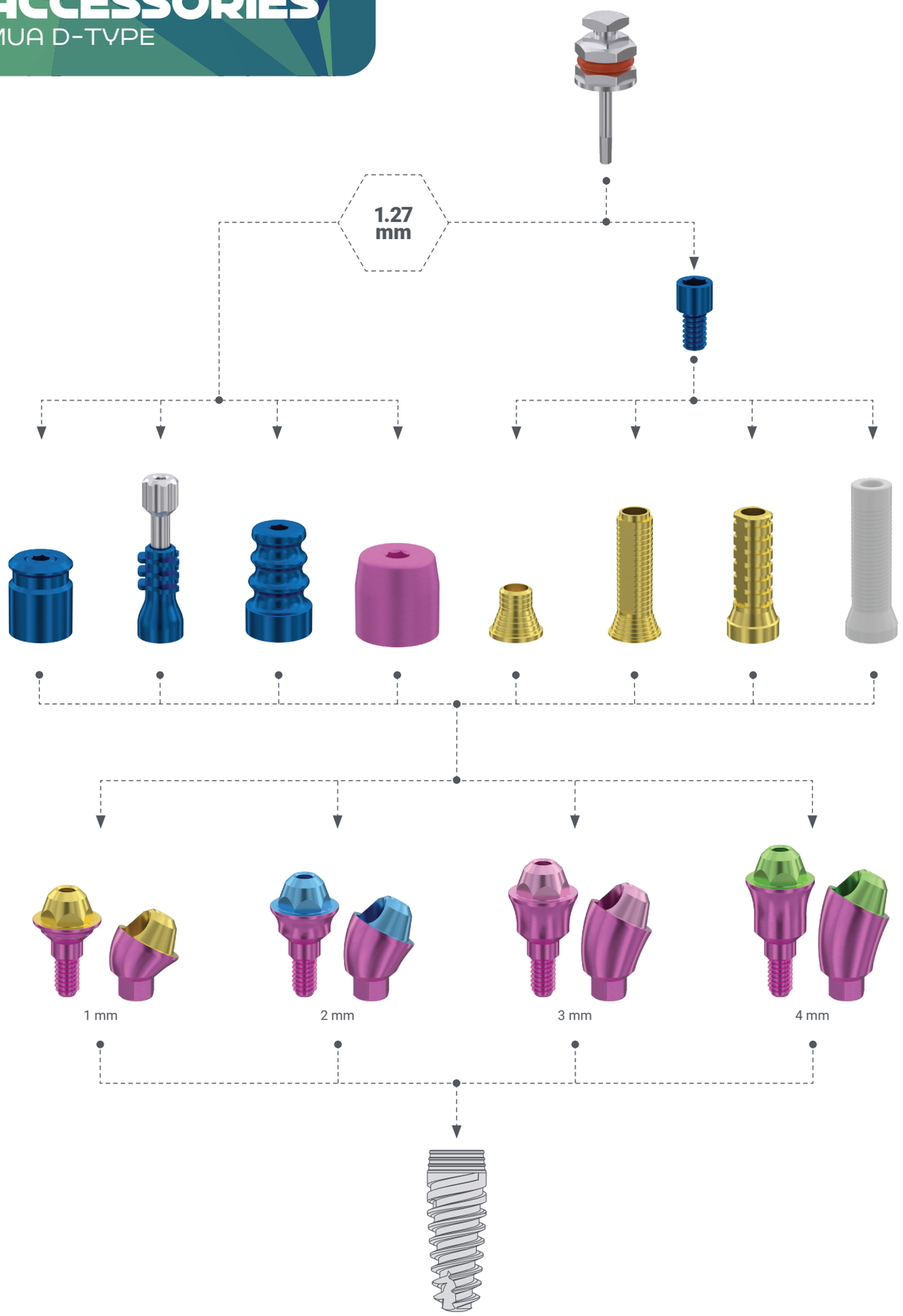
Sleeves for Multi-Unit D-type

Used for temporary & permanent restorations
Supported by Digital Libraries

Used for temporary restoration

Castable sleeve

ACCESSORIES
MUA D-TYPE



Ratchet key for straight MUA

6500.0001 · D-type

6.3 mm

Ratchet key for straight MUA

6500.0002 · D-type

4.0 mm

Digital analog MUA D-type

9100.1101 · CAD/CAM

Supplied With: **Nut for digital analog**

Analog MUA D-type

9100.1001

Scan body MUA level D-type

7500.0001 · CAD/CAM

Torque: **5-10 Ncm** • Supplied With: **Screw for scan body MUA level D**

Scan body MUA level D-type H12

7500.0012 · CAD/CAM

Torque: **5-10 Ncm** • Supplied With: **Screw for scan body MUA level D**

WATCH HOW TO CONVERT

TRANSFER IMPRESSION TO DIGITAL SCANNING

Scan body for impression D-type

7600.0002 · CAD/CAM

Torque: **5-10 Ncm**

Transfer for MUA D-type H12

5700.1001

Torque: **5-10 Ncm** • Supplied With: **Screw for MUA transfer D-type**

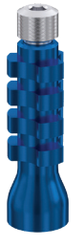
Screw for MUA transfer D-type

5700.0101

Screw Driver Type: **Hex, 1.27 mm**

Transfer for MUA D-type H15

5700.1002



Torque: **5-10 Ncm** • Supplied With: **Screw for MUA transfer D-type**

Screw for MUA transfer D-type

5700.0102

Screw Driver Type: **Hex, 1.27 mm**

Transfer for MUA D-type H4

5700.0003

Torque: **5-10 Ncm** • Supplied With: **Screw for MUA transfer D-type**

Screw for MUA transfer D-type

5700.0103

Screw Driver Type: **Hex, 1.27 mm**

Transfer closed tray for MUA D-type

5700.0021

Torque: **5-10 Ncm** • Screw Driver Type: **Hex, 1.27 mm**

Sleeve for MUA D-type H4

5300.1003

Torque: **15 Ncm** • Supplied With: **Screw for MUA sleeve D-type**

Temporary sleeve for MUA D-type

5300.1002

Torque: **15 Ncm** • Supplied With: **Screw for MUA sleeve D-type**

Sleeve for MUA D-type H12

5300.1004

Torque: **15 Ncm** • Supplied With: **Screw for MUA sleeve D-type**

Castable sleeve for MUA D-type

5300.0001

Torque: **5-10 Ncm** • Supplied With: **Screw for MUA sleeve D-type**

Screw for MUA sleeve D-type

6300.100X

6300.1002

6300.1005

Screw Driver Type: **Hex, 1.27 mm**

Screw for MUA sleeve D-type Torx6

6300.1604

Screw Driver Type: **Torx6**

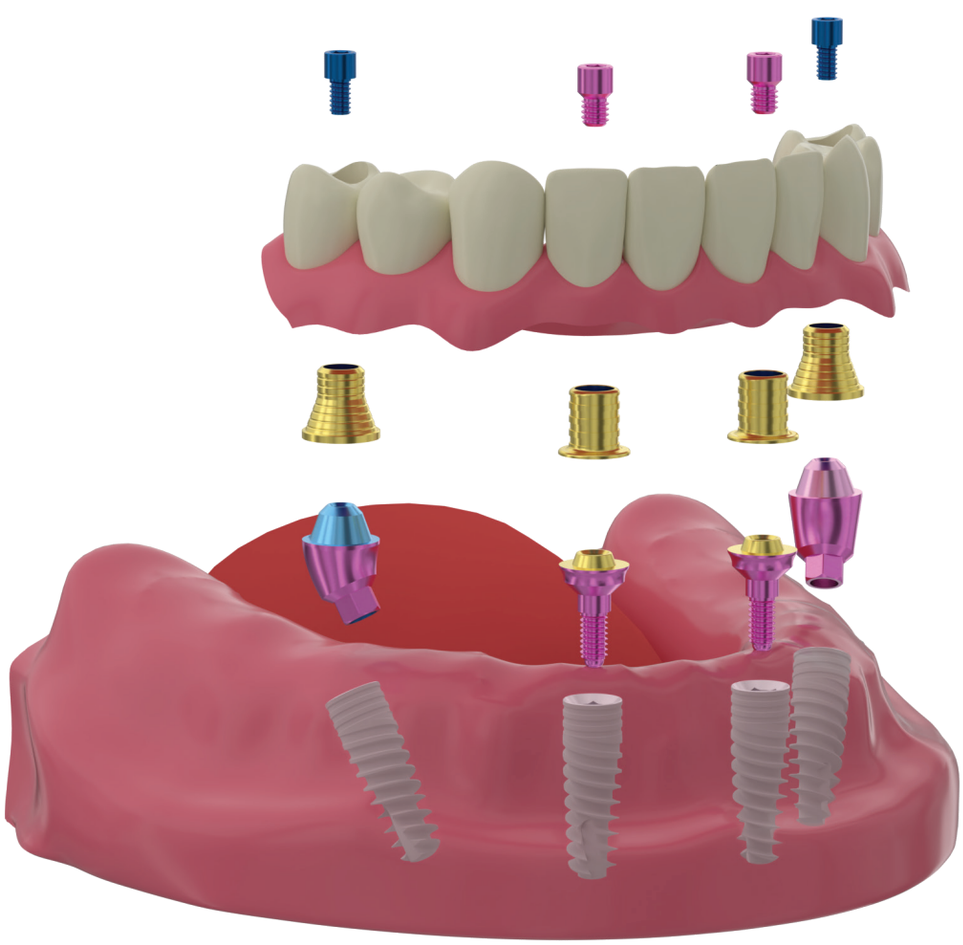
Healing cap for MUA D-type

6100.1001

Torque: **5-10 Ncm** • Screw Driver Type: **Hex, 1.27 mm**

FULL ARCH
RESTORATION

The optimal solution for full arch restorations
Watch the Video



Screw Retained Vs. Cement Retained

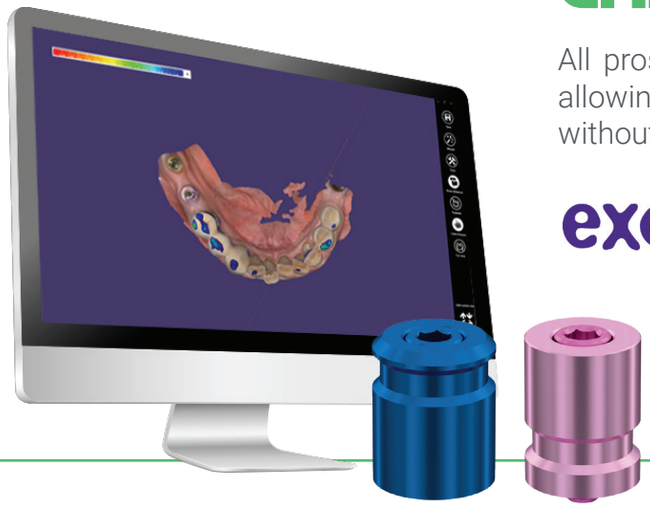
Cons.

- No retrievability
- Crown retention
- Excess of cement

Pros.

- Easily achievable passive fit
- Aesthetics

* Excess cement retention may lead to peri-implantitis and future implant failure.



CAD/CAM Libraries

All prosthetic parts are incorporated in libraries allowing change from one part to another digitally without the need for retaking impressions.

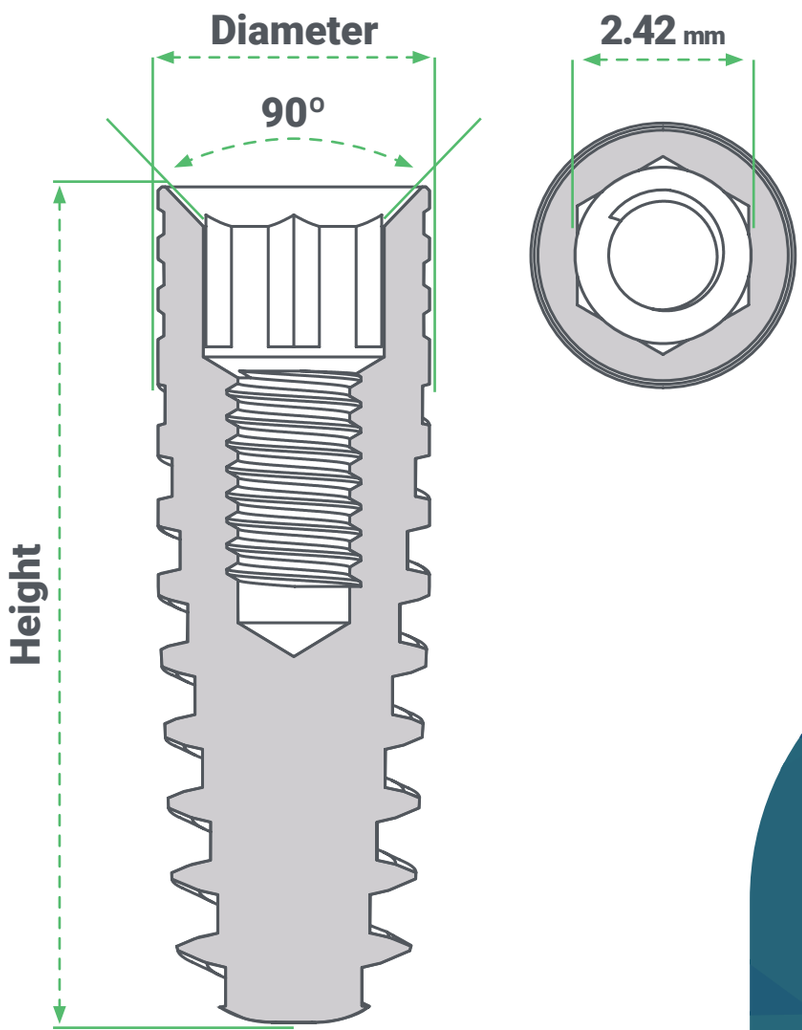
exocad 3shape

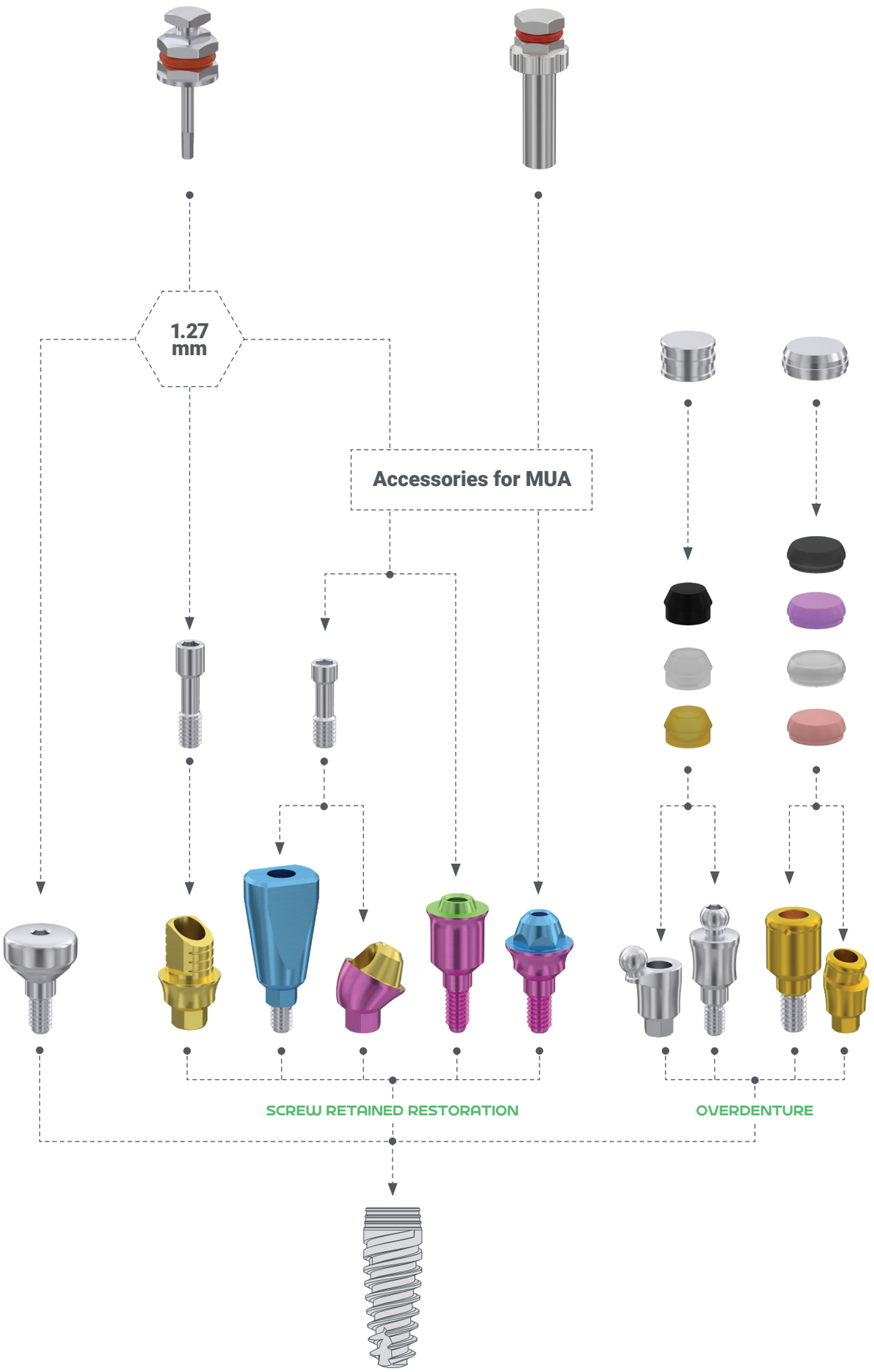
XGATE X3

INTERNAL HEX · REGULAR PLATFORM

Hex: 2.42 mm
Conus Angle: 90°

HEIGHT	DIAMETER			
	3.3 mm	3.75 mm	4.2 mm	5.0 mm
8 mm	USI-3308	USI-3708	USI-4208	USI-5008
10 mm	USI-3310	USI-3710	USI-4210	USI-5010
11.5 mm	USI-3311	USI-3711	USI-4211	USI-5011
13 mm	USI-3313	USI-3713	USI-4213	USI-5013
16 mm	USI-3316	USI-3716	USI-4216	USI-5016

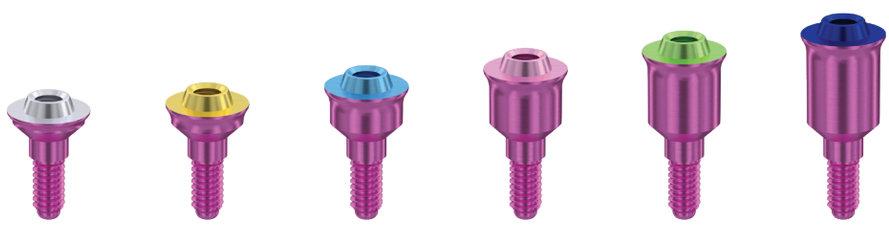



1.27
mm
Accessories for MUA
SCREW RETAINED RESTORATION
OVERDENTURE

MUA
MULTI-UNIT ABUTMENT

Straight multi unit abutment • V-type

5201.100X

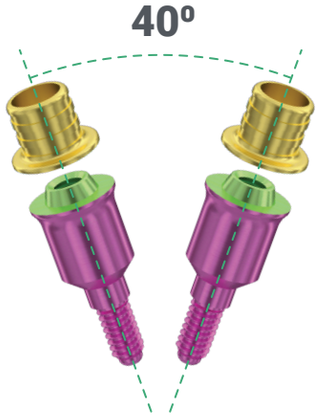


0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm
5201.1000	5201.1001	5201.1002	5201.1003	5201.1004	5201.1005

Screw Driver Type: **Hex, 1.27 mm** • Torque: **30 Ncm**

V-Type XGATE Dental MUA Phenomenon

V-type



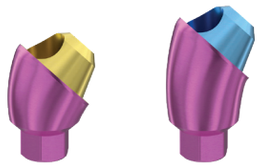
Screw for angled MUA • D-type

6301.0007

Screw Driver Type: **Hex, 1.27 mm**

45° multi unit abutment • D-type

5101.104X



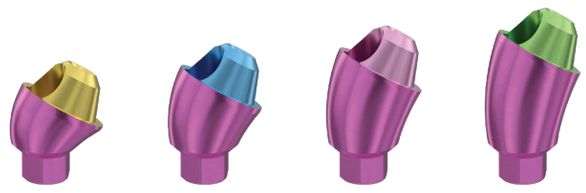
1 mm	2.5 mm
5101.1041	5101.1425

Torque: **30 Ncm**

Supplied With: **Screw & Handle for angled MUA D-type Internal Hex RP**

30° multi unit abutment •

5101.103X

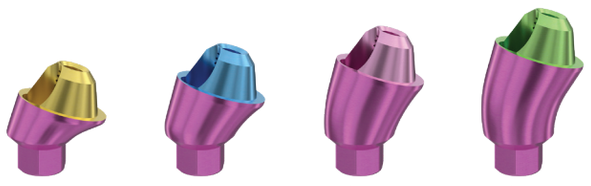


1 mm	2 mm	3 mm	4 mm
5101.1031	5101.1032	5101.1033	5101.1034

Torque: **30 Ncm** • Supplied With: **Screw for angled MUA D-type Internal Hex RP, Handle for angled MUA D-Type**

17° multi unit abutment • D-type

5101.107X

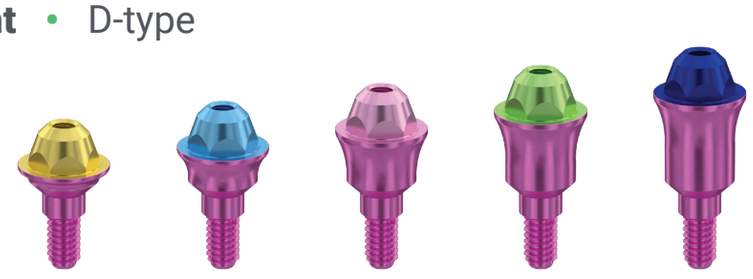


1 mm	2 mm	3 mm	4 mm
5101.1071	5101.1072	5101.1073	5101.1074

Torque: **30 Ncm** • Supplied With: **Screw for angled MUA D-type Internal Hex RP, Handle for angled MUA D-Type**

Straight multi unit abutment • D-type

5101.100X



1 mm	2 mm	3 mm	4 mm	5 mm
5101.1001	5101.1002	5101.1003	5101.1004	5101.1005

Screw Driver Type: **Key for straight MUA D-type** • Torque: **30 Ncm**

WATCH OUR
TI BASE ADVANTAGES

Ti-Base UNO hex • H4

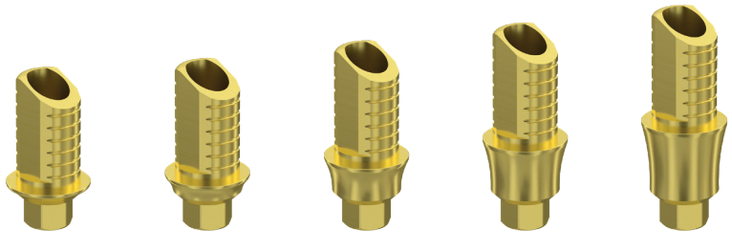
9801.104X

0.5 mm	1 mm	2 mm	3 mm	4 mm
9801.1040	9801.1041	9801.1042	9801.1043	9801.1044

Torque: **30 Ncm** • Supplied With: **Screw for abutment Internal Hex RP**

Ti-Base UNO hex • H6

9801.106X



0.5 mm	1 mm	2 mm	3 mm	4 mm
9801.1060	9801.1061	9801.1062	9801.1063	9801.1064

Torque: **30 Ncm** • Supplied With: **Screw for abutment Internal Hex RP**

Ti-Base UNO round • H4

9801.114X

0.5 mm	1 mm	2 mm	3 mm	4 mm
9801.1140	9801.1141	9801.1142	9801.1143	9801.1144

Torque: **30 Ncm** • Supplied With: **Screw for abutment Internal Hex RP**

Ti-Base UNO round • H6

9801.116X

0.5 mm	1 mm	2 mm	3 mm	4 mm
9801.1160	9801.1161	9801.1162	9801.1163	9801.1164

Torque: **30 Ncm** • Supplied With: **Screw for abutment Internal Hex RP**

Screw for abutment

1801.0001

Screw Driver Type: **Hex, 1.27 mm**

Screw for abutment • Torx6

1801.0601

Screw Driver Type: **Torx 6**

Digital implant analog

3101.0101

Screw Driver Type: **Hex, 1.27 mm** • Supplied With: **Nut for digital analog**

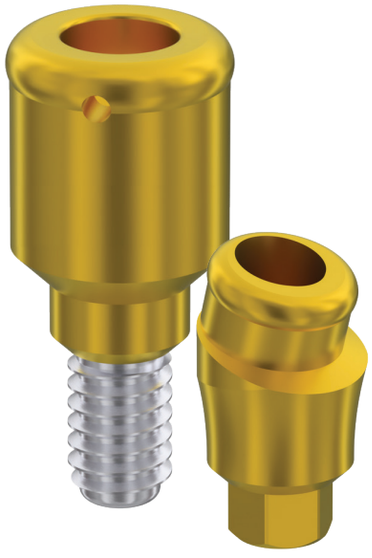
Scan body implant level

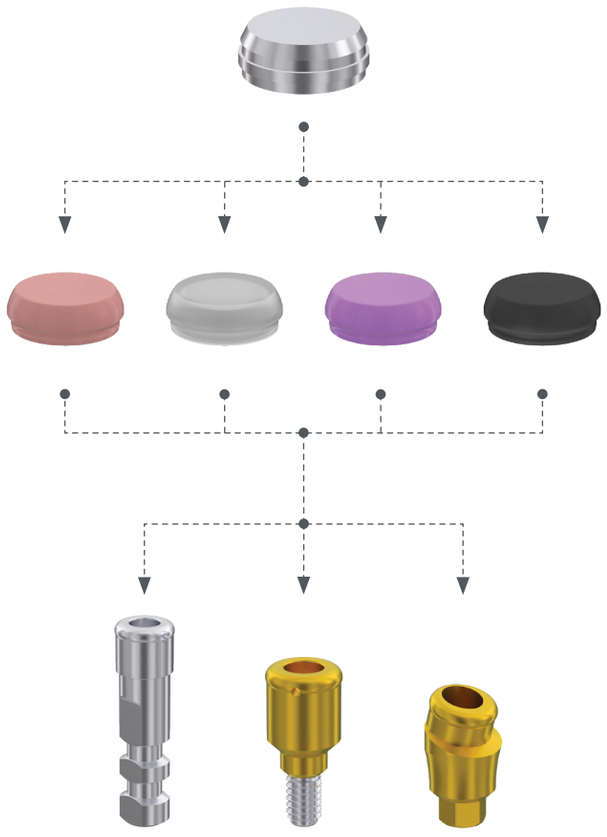
7901.0900

Torque: **5-10 Ncm** • Supplied With: **Screw for abutment Conical 11° RP**

DOWNLOAD
LIBRARIES

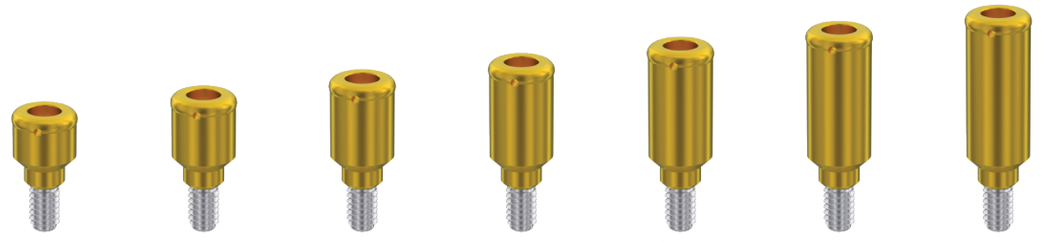
DLOC
ATTACHMENT ABUTMENT





DLOC attachment abutment

2001.100X



1 mm	2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
2001.1001	2001.1002	2001.1003	2001.1004	2001.1005	2001.1006	2001.1007

Hex: **1.27 mm** • Torque: **30 Ncm**

Angled DLOC attachment

2001.10XX

	9°	15°	30°
1 mm	2001.1091	2001.1011	2001.1031
2 mm	2001.1092	2001.1012	2001.1032
3 mm	2001.1093	2001.1013	2001.1033

Torque: **30 Ncm** • Supplied With: **Screw for abutment Internal Hex RP**

Housing cap for DLOC

2000.0001

Silicone cap for DLOC • Soft

2000.0002

Retention force: **1.2 kg**

Silicone cap for DLOC • Standard

2000.0003

Retention force: **1.8 kg**

Silicone cap for DLOC • Strong

2000.0004

Retention force: **2.7 kg**

Silicone cap for DLOC

2000.0005

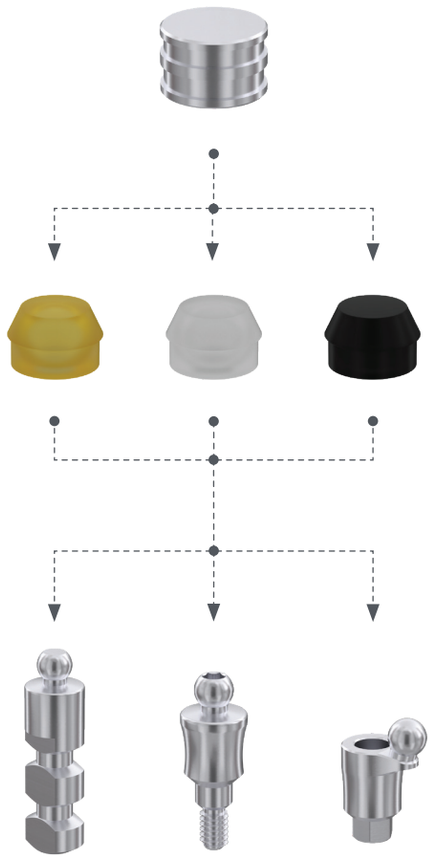
Impression ring for DLOC

2000.0000

Analog DLOC

2000.0010

BALL
ATTACHMENT ABUTMENT



Ball attachment abutment

1901.000X

0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
1901.0000	1901.0001	1901.0002	1901.0003	1901.0004	1901.0005	1901.0006	1901.0007

Torque: **30 Ncm**

Angled ball attachment

1901.10XX

9°		15°		30°	
1 mm	1901.1091	1 mm	1901.1011	1 mm	1901.1031
2 mm	1901.1092	2 mm	1901.1012	2 mm	1901.1032
3 mm	1901.1093	3 mm	1901.1013	3 mm	1901.1033

Torque: **30 Ncm** • Supplied With: **Screw for abutment Internal Hex RP**

Housing cap for ball attachment

1900.0001

Silicone cap for ball attachment

Extrasoft 1900.0002

Retention force: **0.5 kg**

Silicone cap for ball attachment

Lab 1900.0004

Silicone cap for ball attachment

Standard 1900.0003

Retention force: **1.3 kg**

Impression ring for ball attachment

1900.0000

Analog ball attachment

1900.0010

Healing cap Ø4

1601.400X

3 mm — 1601.4003

5 mm — 1601.4005

7 mm — 1601.4007

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø4.5

1601.450X

2 mm — 1601.4502

3 mm — 1601.4503

4 mm — 1601.4504

5 mm — 1601.4505

6 mm — 1601.4506

7 mm — 1601.4507

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø5.5

1601.500X

2 mm — 1601.5002

3 mm — 1601.5003

4 mm — 1601.5004

5 mm — 1601.5005

6 mm — 1601.5006

7 mm — 1601.5007

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø6.3

1601.600X

2 mm — 1601.6002

3 mm — 1601.6003

4 mm — 1601.6004

5 mm — 1601.6005

6 mm — 1601.6006

7 mm — 1601.6007

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø7

1601.700X

2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
1601.7002	1601.7003	1601.7004	1601.7005	1601.7006	1601.7007

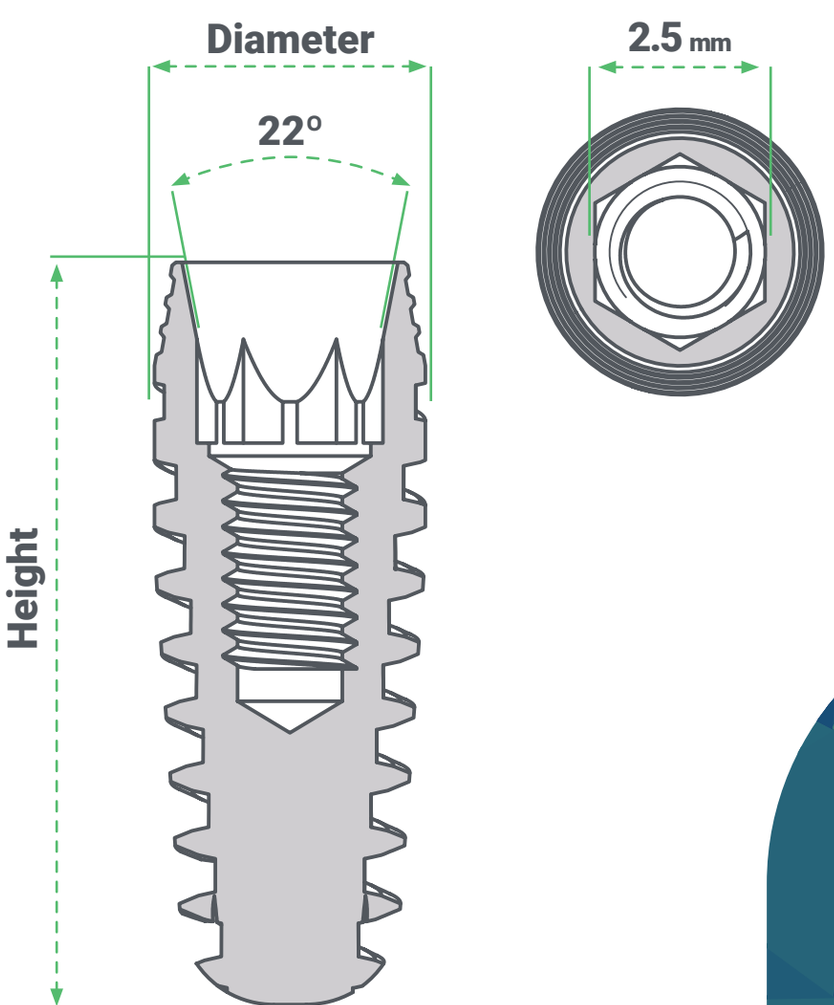
Hex: **1.27 mm** • Torque: **5-10 Ncm**

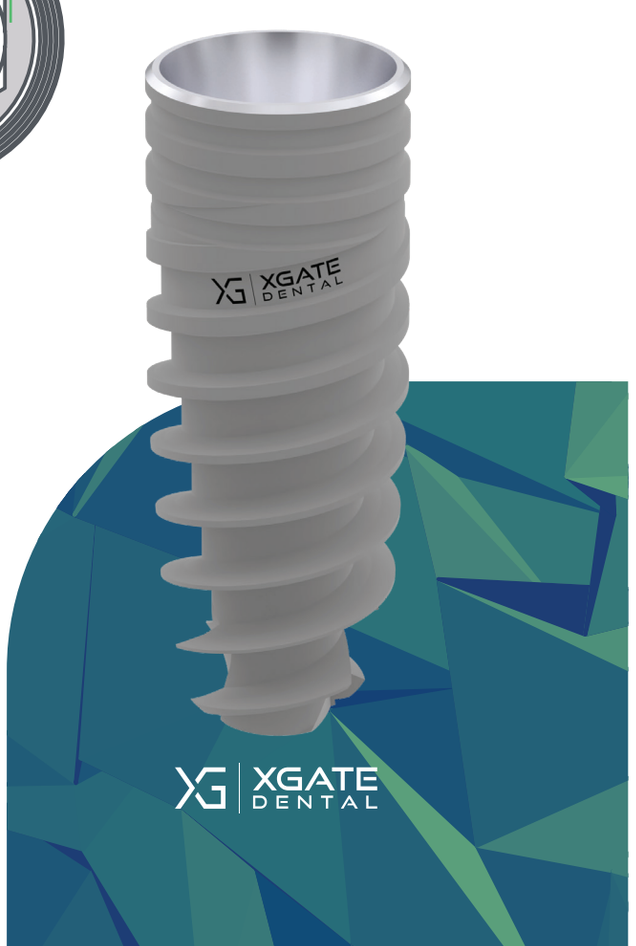
XGATE X11

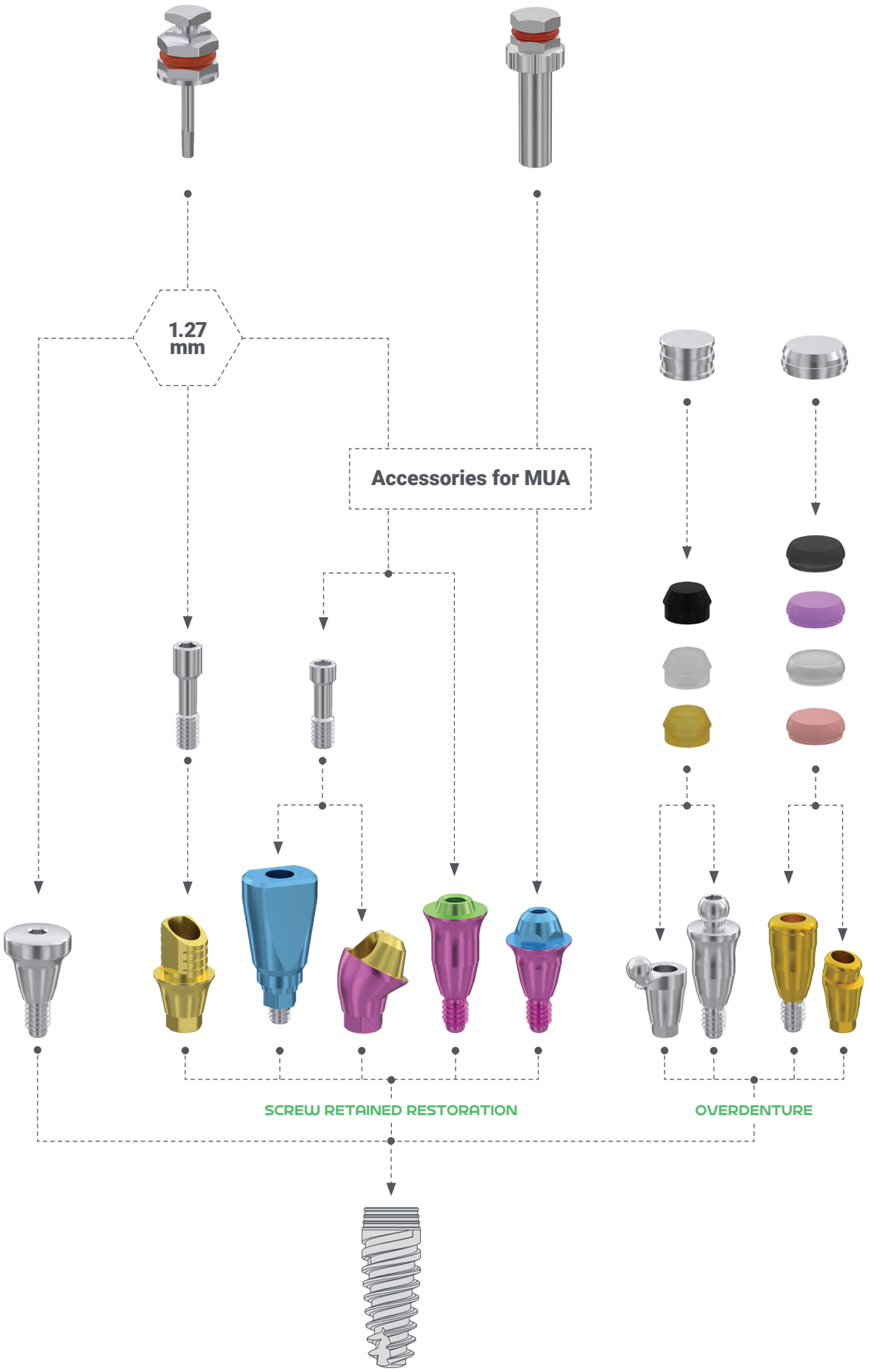
CONICAL · REGULAR PLATFORM

Hex: 2.5 mm
Conus Angle: 22°

HEIGHT	DIAMETER		
	3.75 mm	4.2 mm	5.0 mm
8 mm	UCI-3708	UCI-4208	UCI-5008
10 mm	UCI-3710	UCI-4210	UCI-5010
11.5 mm	UCI-3711	UCI-4211	UCI-5011
13 mm	UCI-3713	UCI-4213	UCI-5013
16 mm	UCI-3716	UCI-4216	UCI-5016






1.27
mm
Accessories for MUA
SCREW RETAINED RESTORATION
OVERDENTURE

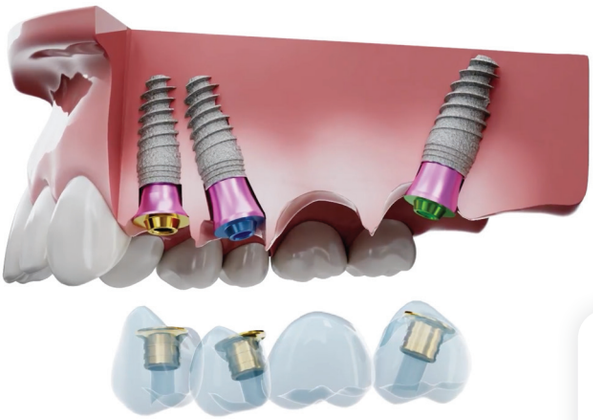
MUA
MULTI-UNIT ABUTMENT

Straight multi unit abutment • V-type

5253.100X

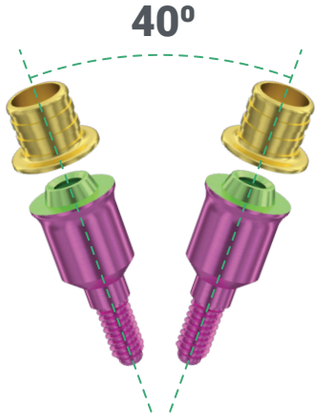
0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm
5253.1000	5253.1001	5253.1002	5253.1003	5253.1004	5253.1005

Screw Driver Type: **Hex, 1.27 mm** • Torque: **30 Ncm**



V-Type XGATE Dental MUA Phenomenon

V-type



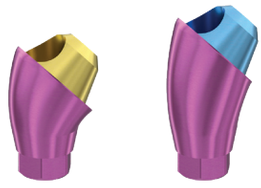
Screw for angled MUA • D-type

6353.0007

Screw Driver Type: **Hex, 1.27 mm**

45° multi unit abutment • D-type

5153.104X



1 mm — 5153.1041

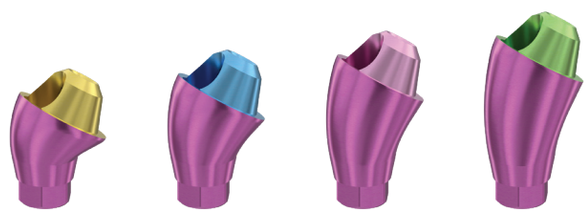
2.5 mm — 5153.1425

Torque: **30 Ncm**

Supplied With: **Screw & Handle for angled MUA D-type X11 RP**

30° multi unit abutment •

5153.103X



1 mm — 5153.1031

2 mm — 5153.1032

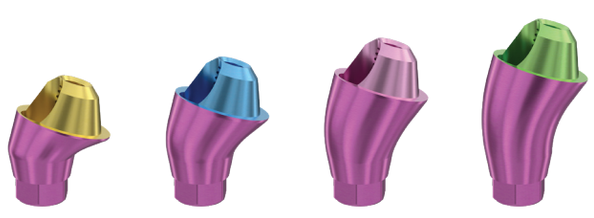
3 mm — 5153.1033

4 mm — 5153.1034

Torque: **30 Ncm** • Supplied With: **Screw for angled MUA D-type X11 RP, Handle for angled MUA D-Type**

17° multi unit abutment • D-type

5153.107X



1 mm — 5153.1071

2 mm — 5153.1072

3 mm — 5153.1073

4 mm — 5153.1074

Torque: **30 Ncm** • Supplied With: **Screw for angled MUA D-type X11 RP, Handle for angled MUA D-Type**

Straight multi unit abutment • D-type

5153.100X

1 mm — 5153.1001

2 mm — 5153.1002

3 mm — 5153.1003

4 mm — 5153.1004

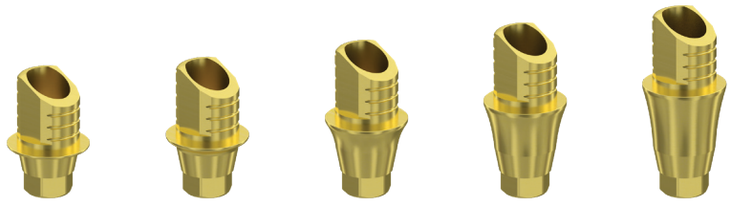
5 mm — 5153.1005

Screw Driver Type: **Key for straight MUA D-type** • Torque: **30 Ncm**

WATCH OUR
TI BASE ADVANTAGES

Ti-Base UNO hex • H4

9853.104X

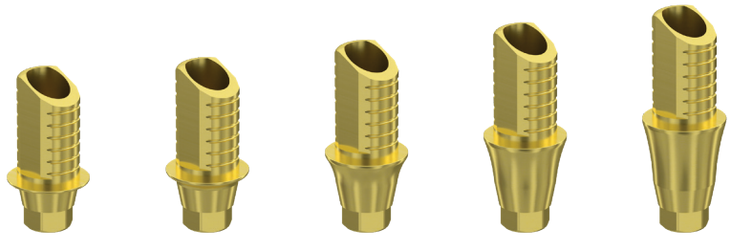


0.5 mm	1 mm	2 mm	3 mm	4 mm
9853.1040	9853.1041	9853.1042	9853.1043	9853.1044

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 RP**

Ti-Base UNO hex • H6

9853.106X



0.5 mm	1 mm	2 mm	3 mm	4 mm
9853.1060	9853.1061	9853.1062	9853.1063	9853.1064

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 RP**

Ti-Base UNO round • H4

9853.114X

0.5 mm	1 mm	2 mm	3 mm	4 mm
9853.1140	9853.1141	9853.1142	9853.1143	9853.1144

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 RP**

Ti-Base UNO round • H6

9853.116X

0.5 mm	1 mm	2 mm	3 mm	4 mm
9853.1160	9853.1161	9853.1162	9853.1163	9853.1164

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 RP**

Screw for abutment

1853.0001

Screw Driver Type: **Hex, 1.27 mm**

Screw for abutment • Torx6

1803.0601

Screw Driver Type: **Torx 6**

Digital implant analog

3153.0101

Screw Driver Type: **Hex, 1.27 mm** • Supplied With: **Nut for digital analog**

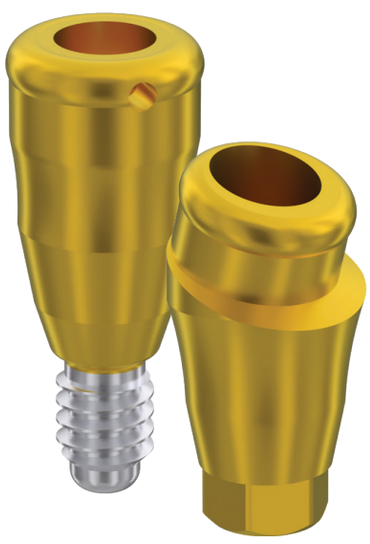
Scan body implant level

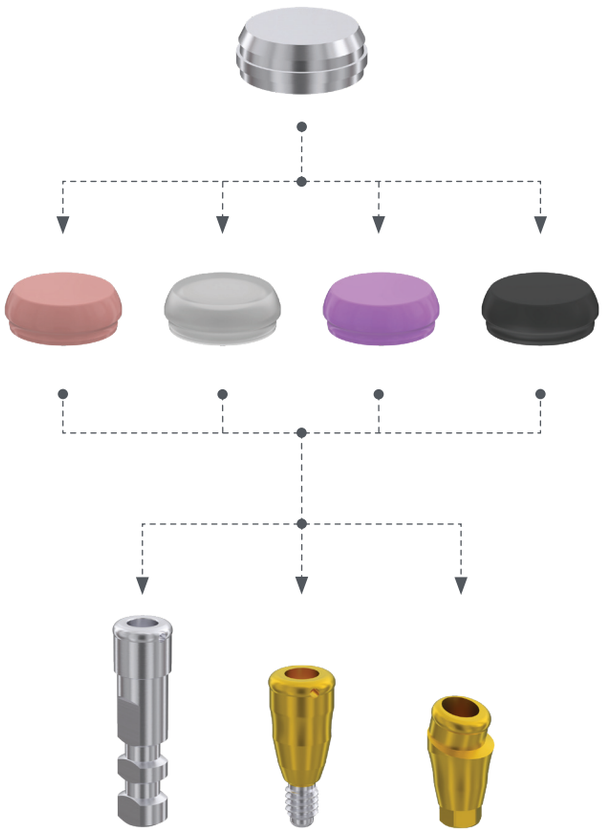
7953.0900

Torque: **5-10 Ncm** • Supplied With: **Screw for abutment X11 RP**

DOWNLOAD
LIBRARIES

DLOC
ATTACHMENT ABUTMENT





DLOC attachment abutment

2053.100X

1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
2053.1001	2053.1002	2053.1003	2053.1004	2053.1005	2053.1006

Hex: **1.27 mm** • Torque: **30 Ncm**

Angled DLOC attachment

2053.10XX

9°		15°		30°	
1 mm	2053.1091	1 mm	2053.1011	1 mm	2053.1031
2 mm	2053.1092	2 mm	2053.1012	2 mm	2053.1032
3 mm	2053.1093	3 mm	2053.1013	3 mm	2053.1033

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 RP**

Housing cap for DLOC

2000.0001

Silicone cap for DLOC • Soft

2000.0002

Retention force: **1.2 kg**

Silicone cap for DLOC • Standard

2000.0003

Retention force: **1.8 kg**

Silicone cap for DLOC • Strong

2000.0004

Retention force: **2.7 kg**

Silicone cap for DLOC

2000.0005

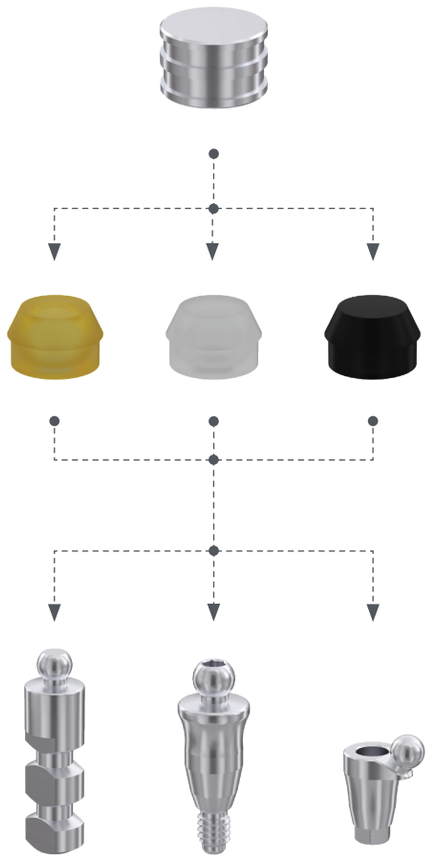
Impression ring for DLOC

2000.0000

Analog DLOC

2000.0010

BALL
ATTACHMENT ABUTMENT



Ball attachment abutment

1953.000X

0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
1953.0000	1953.0001	1953.0002	1953.0003	1953.0004	1953.0005	1953.0006

Torque: **30 Ncm**

Angled ball attachment

1953.10XX

9°		15°		30°	
1 mm	1953.1091	1 mm	1953.1011	1 mm	1953.1031
2 mm	1953.1092	2 mm	1953.1012	2 mm	1953.1032
3 mm	1953.1093	3 mm	1953.1013	3 mm	1953.1033

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 RP**

Housing cap for ball attachment

1900.0001

Silicone cap for ball attachment

Extrasoft 1900.0002

Retention force: **0.5 kg**

Silicone cap for ball attachment

Lab 1900.0004

Silicone cap for ball attachment

Standard 1900.0003

Retention force: **1.3 kg**

Impression ring for ball attachment

1900.0000

Analog ball attachment

1900.0010

Healing cap Ø4

1653.400X

3 mm	4 mm	5 mm	7 mm
1653.4004	1653.4005	1653.4006	1653.4007

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø4.5

1653.450X

2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
1653.4502	1653.4503	1653.4504	1653.4505	1653.4506	1653.4507

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø5

1653.500X

2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
1653.5002	1653.5003	1653.5004	1653.5005	1653.5006	1653.5007

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø6

1653.600X

2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
1653.6002	1653.6003	1653.6004	1653.6005	1653.6006	1653.6007

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø7

1653.700X

2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
1653.7002	1653.7003	1653.7004	1653.7005	1653.7006	1653.7007

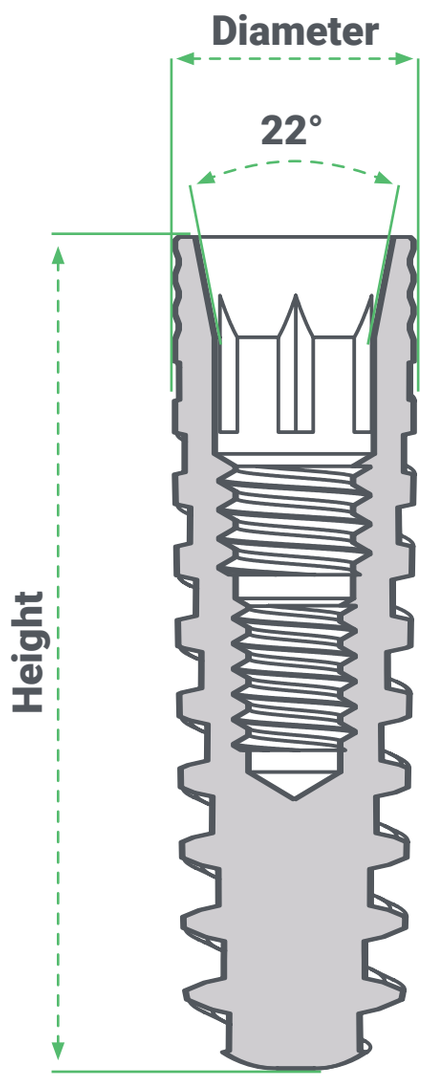
Hex: **1.27 mm** • Torque: **5-10 Ncm**

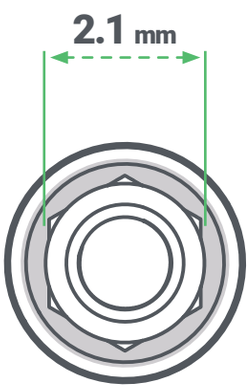
XGATE X11

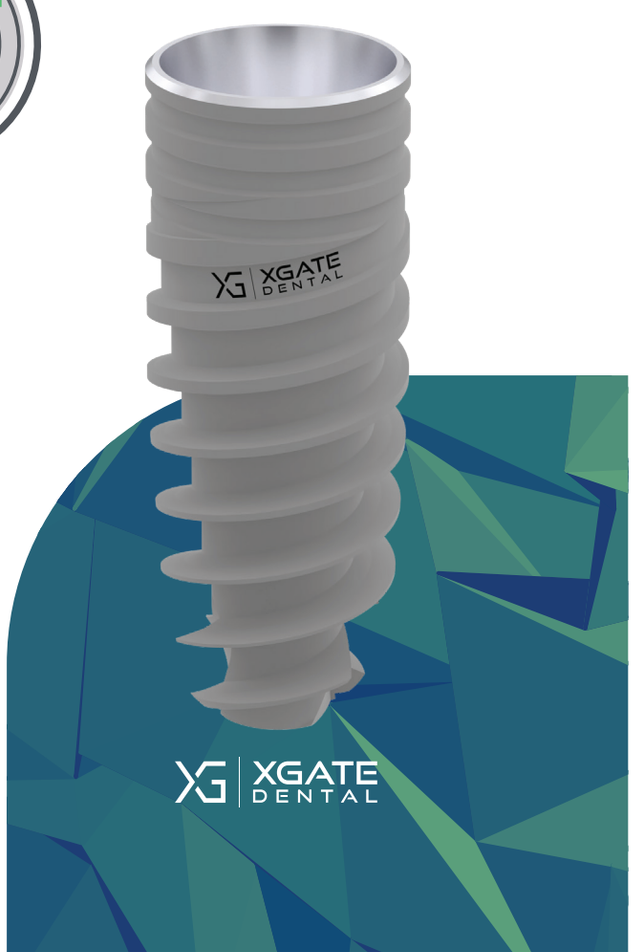
CONICAL · MINI PLATFORM

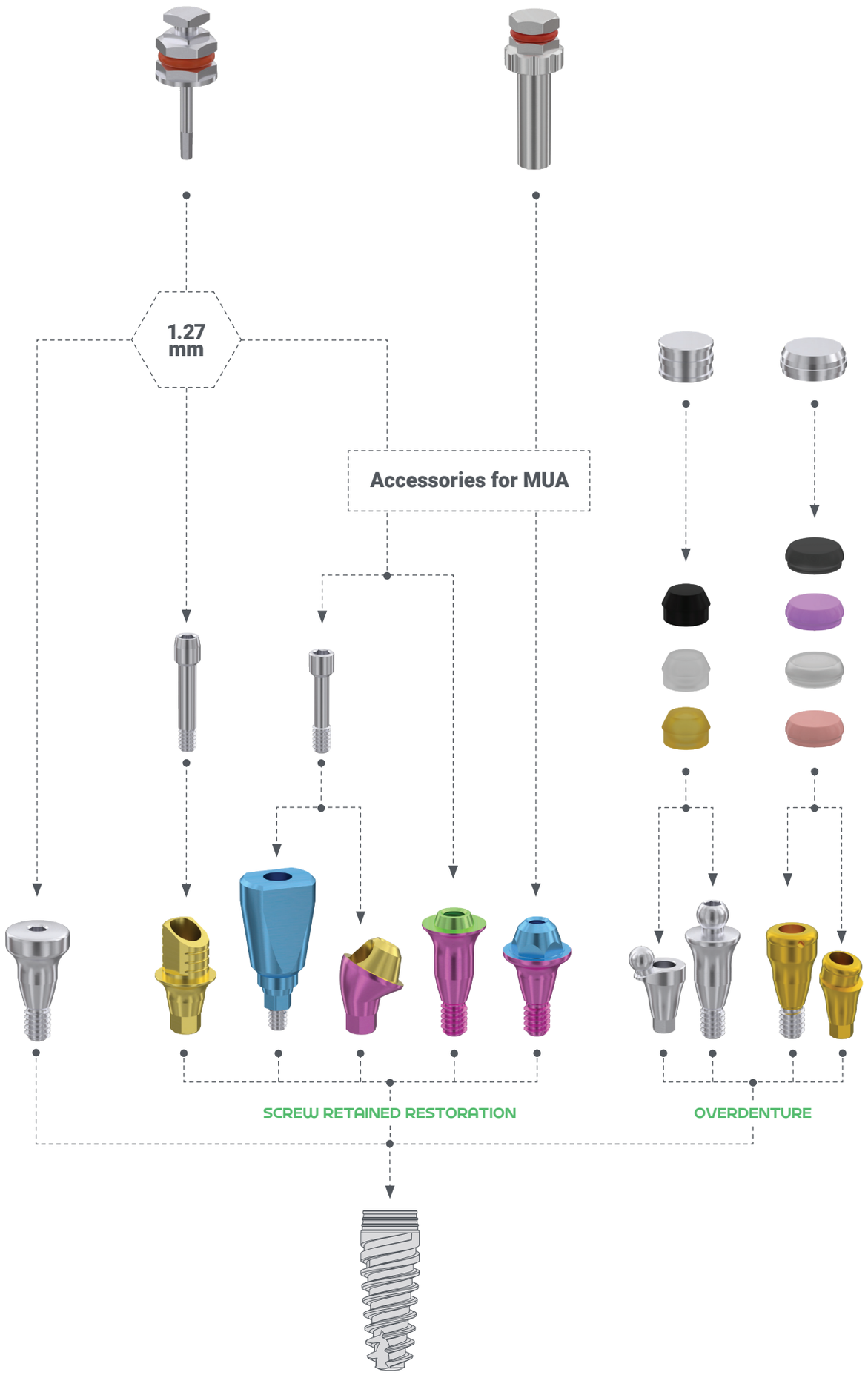
Hex: 2.1 mm
Conus Angle: 22°

HEIGHT	DIAMETER
	3.3 mm
8 mm	UCI-3308
10 mm	UCI-3310
11.5 mm	UCI-3311
13 mm	UCI-3313
16 mm	UCI-3316








1.27 mm
Accessories for MUA
SCREW RETAINED RESTORATION
OVERDENTURE

MUA
MULTI-UNIT ABUTMENT

Straight multi unit abutment • V-type

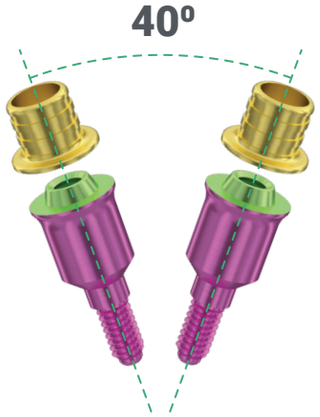
5252.100X

0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm
5252.1000	5252.1001	5252.1002	5252.1003	5252.1004	5252.1005

Screw Driver Type: **Hex, 1.27 mm** • Torque: **30 Ncm**

V-Type XGATE Dental MUA Phenomenon

V-type



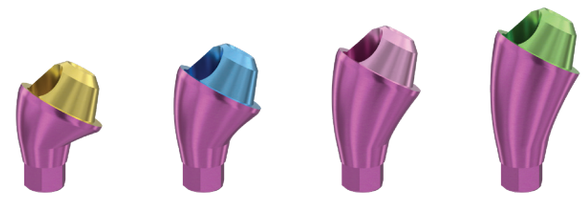
Screw for angled MUA • D-type

6352.0007

Screw Driver Type: **Hex, 1.27 mm**

30° multi unit abutment •

5152.103X

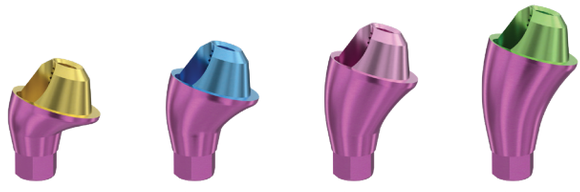


1 mm	2 mm	3 mm	4 mm
5152.1031	5152.1032	5152.1033	5152.1034

Torque: **30 Ncm** • Supplied With: **Screw for angled MUA D-type X11 MP, Handle for angled MUA D-Type**

17° multi unit abutment • D-type

5152.107X



1 mm	2 mm	3 mm	4 mm
5152.1071	5152.1072	5152.1073	5152.1074

Torque: **30 Ncm** • Supplied With: **Screw for angled MUA D-type X11 MP, Handle for angled MUA D-Type**

Straight multi unit abutment • D-type

5152.100X

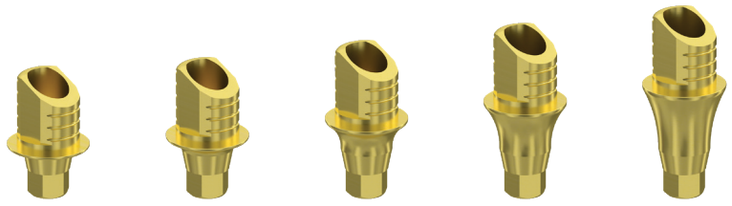
1 mm	2 mm	3 mm	4 mm	5 mm
5152.1001	5152.1002	5152.1003	5152.1004	5152.1005

Screw Driver Type: **Key for straight MUA D-type** • Torque: **30 Ncm**

WATCH OUR
TI BASE ADVANTAGES

Ti-Base UNO hex • H4

9852.104X

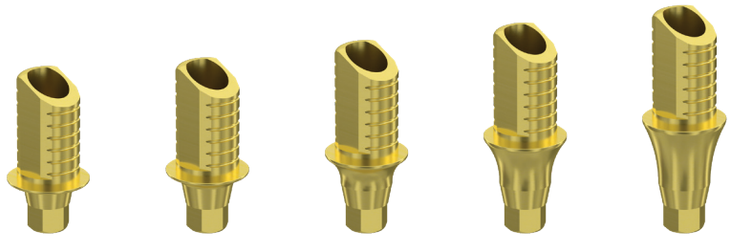


0.5 mm	1 mm	2 mm	3 mm	4 mm
9852.1040	9852.1041	9852.1042	9852.1043	9852.1044

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 MP**

Ti-Base UNO hex • H6

9852.106X



0.5 mm	1 mm	2 mm	3 mm	4 mm
9852.1060	9852.1061	9852.1062	9852.1063	9852.1064

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 MP**

Ti-Base UNO round • H4

9852.114X

0.5 mm	1 mm	2 mm	3 mm	4 mm
9852.1140	9852.1141	9852.1142	9852.1143	9852.1144

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 MP**

Ti-Base UNO round • H6

9852.116X

0.5 mm	1 mm	2 mm	3 mm	4 mm
9852.1160	9852.1161	9852.1162	9852.1163	9852.1164

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 MP**

Screw for abutment

1852.0001

Screw Driver Type: **Hex, 1.27 mm**

Screw for abutment • Torx6

1802.0601

Screw Driver Type: **Torx 6**

Digital implant analog

3152.0101

Screw Driver Type: **Hex, 1.27 mm** • Supplied With: **Nut for digital analog**

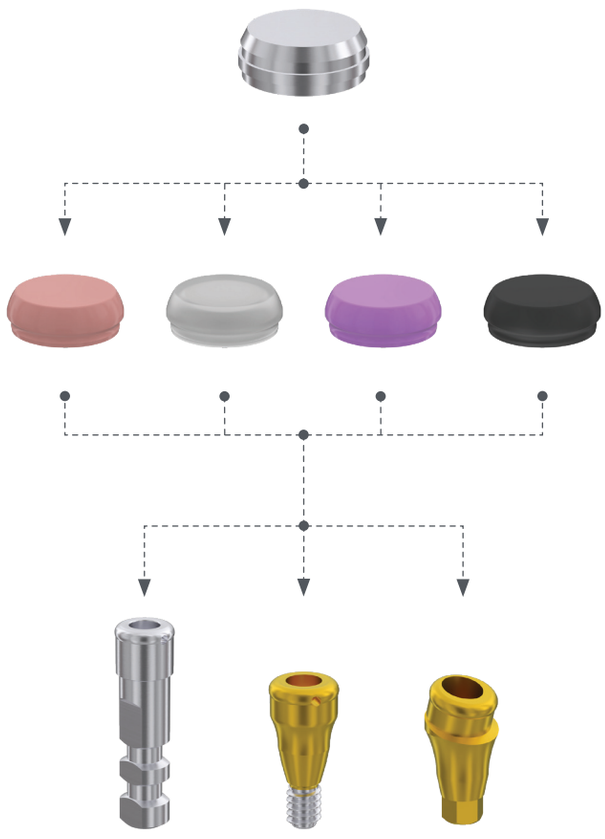
Scan body implant level

7952.0900

Torque: **5-10 Ncm** • Supplied With: **Screw for abutment X11 MP**

DOWNLOAD
LIBRARIES

DLOC
ATTACHMENT ABUTMENT



DLOC attachment abutment

2052.100X

1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
2052.1001	2052.1002	2052.1003	2052.1004	2052.1005	2052.1006

Hex: **1.27 mm** • Torque: **30 Ncm**

Angled DLOC attachment

2052.10XX

1 mm	2052.1091
2 mm	2052.1092
3 mm	2052.1093

9°

1 mm	2052.1011
2 mm	2052.1012
3 mm	2052.1013

15°

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 MP**

Housing cap for DLOC

2000.0001

Silicone cap for DLOC • Soft

2000.0002

Retention force: **1.2 kg**

Silicone cap for DLOC • Standard

2000.0003

Retention force: **1.8 kg**

Silicone cap for DLOC • Strong

2000.0004

Retention force: **2.7 kg**

Silicone cap for DLOC

2000.0005

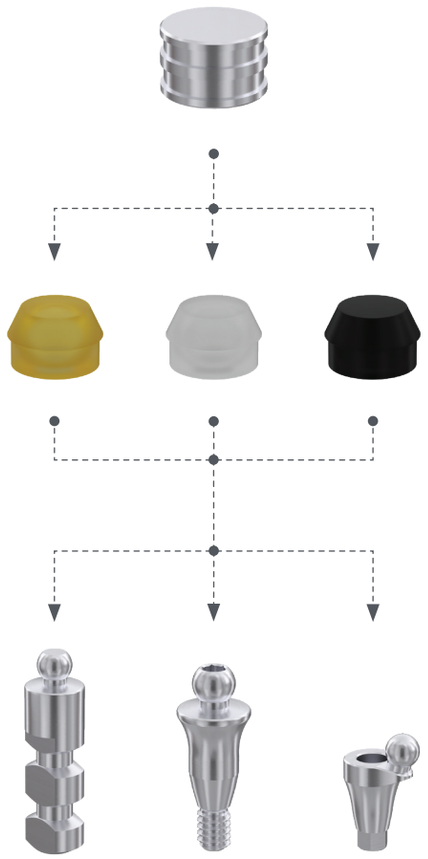
Impression ring for DLOC

2000.0000

Analog DLOC

2000.0010

BALL
ATTACHMENT ABUTMENT



Ball attachment abutment

1952.000X

0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
1952.0000	1952.0001	1952.0002	1952.0003	1952.0004	1952.0005	1952.0006

Torque: **30 Ncm** • Hex: **1.27 mm**

Angled ball attachment

1953.10XX

1 mm	1952.1091
2 mm	1952.1092
3 mm	1952.1093

9°

1 mm	1952.1011
2 mm	1952.1012
3 mm	1952.1013

15°

Torque: **30 Ncm** • Supplied With: **Screw for abutment X11 MP**

Housing cap for ball attachment

1900.0001

Silicone cap for ball attachment

Extrasoft 1900.0002

Retention force: **0.5 kg**

Silicone cap for ball attachment

Lab 1900.0004

Silicone cap for ball attachment

Standard 1900.0003

Retention force: **1.3 kg**

Impression ring for ball attachment

1900.0000

Analog ball attachment

1900.0010

Healing cap Ø4

1652.400X

3 mm	4 mm	5 mm	7 mm
1652.4004	1652.4005	1652.4006	1652.4007

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø4.5

1652.450X

2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
1652.4502	1652.4503	1652.4504	1652.4505	1652.4506	1652.4507

Hex: **1.27 mm** • Torque: **5-10 Ncm**

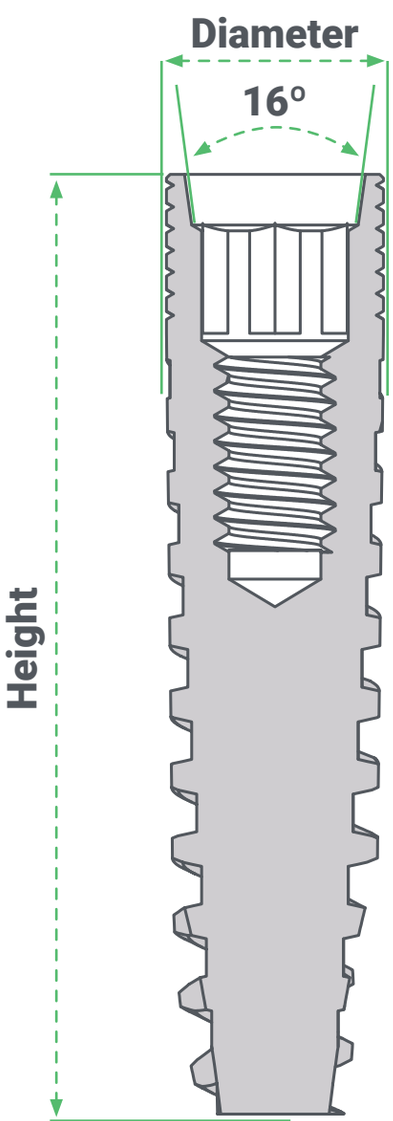
XGATE X11
CONICAL MINI PLATFORM

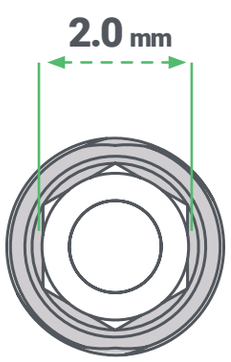
XGATE SLIM

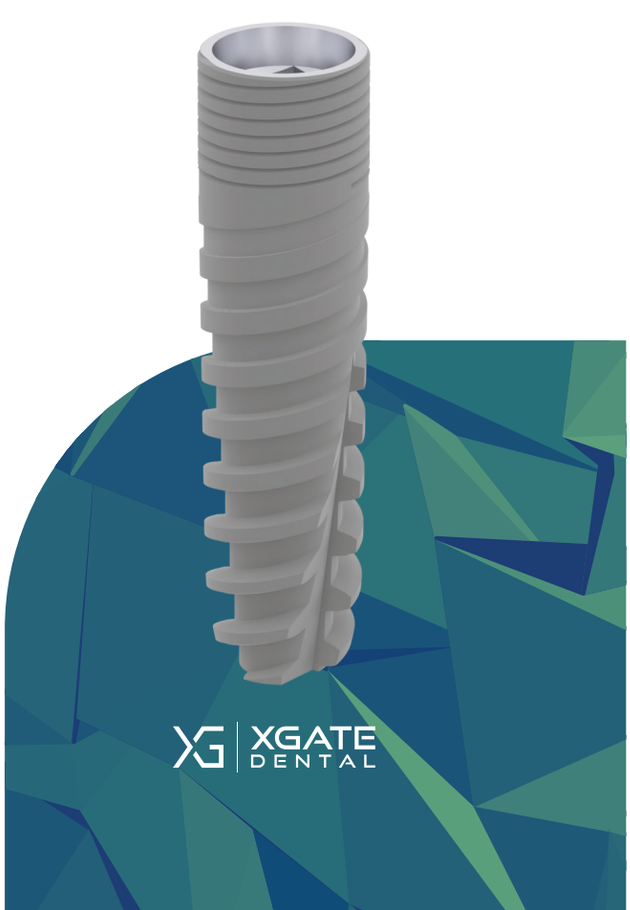
SLIM LINE · SLIM PLATFORM

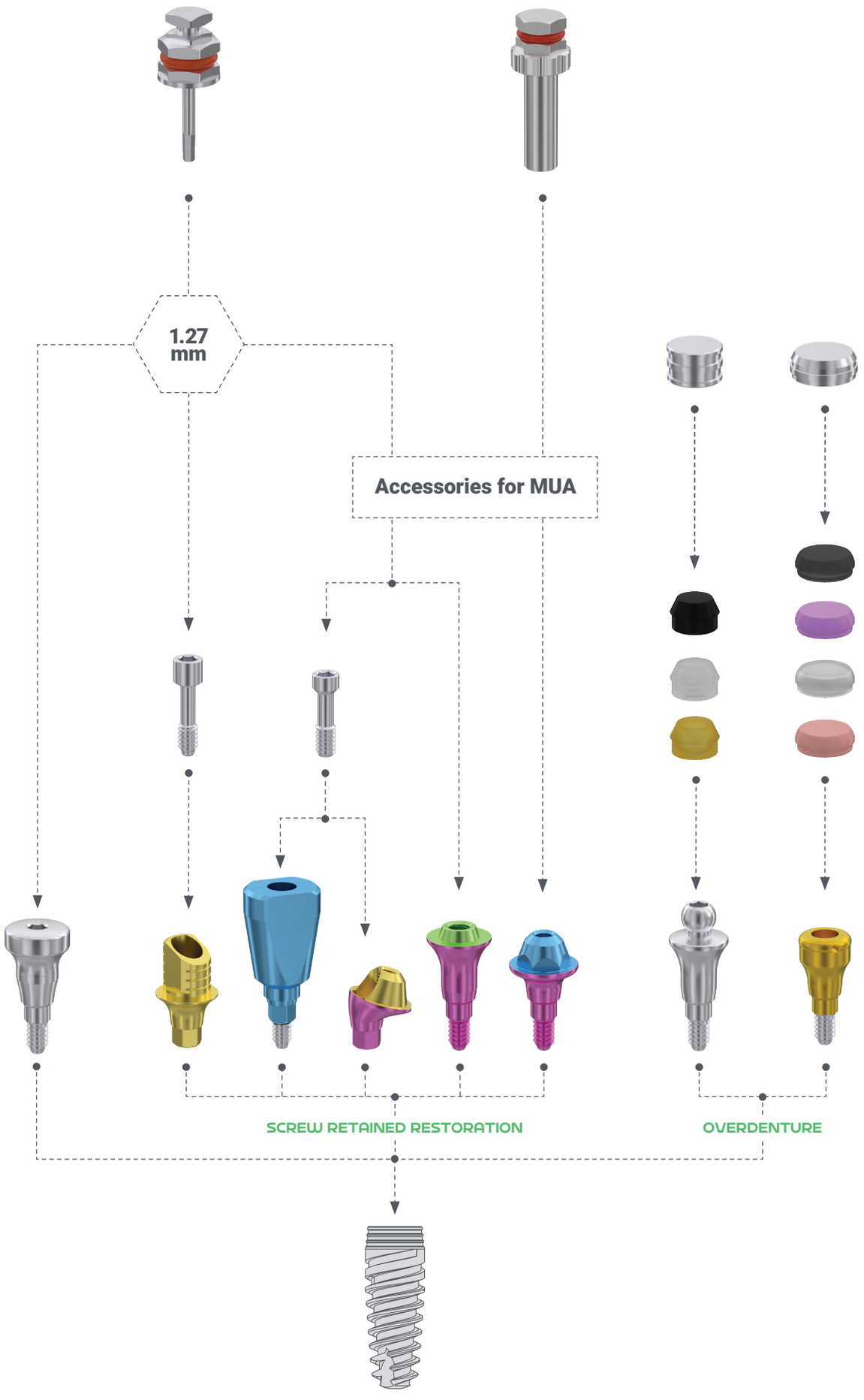
Hex: 2.0 mm
Conus Angle: 16°

HEIGHT	DIAMETER
	3.0 mm
10 mm	UCI-3010
11.5 mm	UCI-3011
13 mm	UCI-3013
15 mm	UCI-3015








1.27
mm
Accessories for MUA
SCREW RETAINED RESTORATION
OVERDENTURE

MUA
MULTI-UNIT ABUTMENT

Straight multi unit abutment • V-type

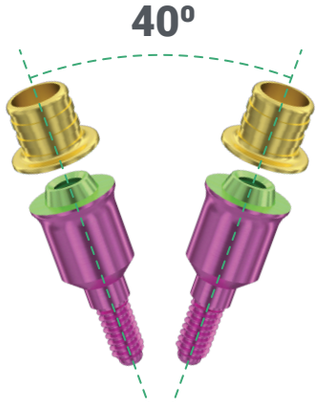
5230.100X

0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm
5230.1000	5230.1001	5230.1002	5230.1003	5230.1004	5230.1005

Screw Driver Type: **Hex, 1.27 mm** • Torque: **25 Ncm**

V-Type XGATE Dental MUA Phenomenon

V-type



Straight multi unit abutment • D-type

5130.100X

1 mm	2 mm	3 mm	4 mm	5 mm
5130.1001	5130.1002	5130.1003	5130.1004	5130.1005

Screw Driver Type: **Key for straight MUA D-type** • Torque: **25 Ncm**

Screw for angled MUA • D-type

6330.0007

Screw Driver Type: **Hex, 1.27 mm**

17° multi unit abutment • D-type

5130.1071

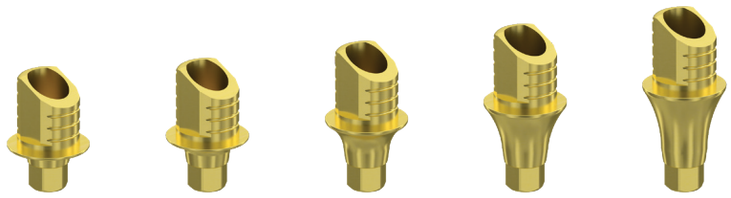
Torque: **25 Ncm**

Supplied With: **Screw & Handle for angled MUA D-type Slim**

WATCH OUR
TI BASE ADVANTAGES

Ti-Base UNO hex • H4

9830.104X

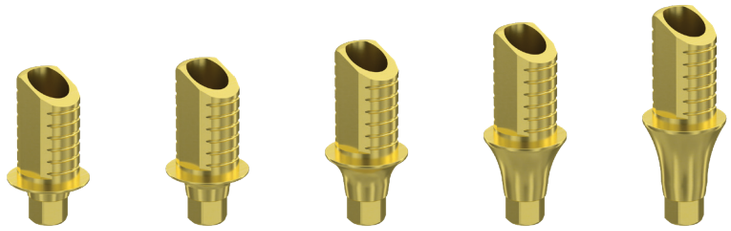


0.5 mm	1 mm	2 mm	3 mm	4 mm
9830.1040	9830.1041	9830.1042	9830.1043	9830.1044

Torque: **25 Ncm** • Supplied With: **Screw for abutment Slim**

Ti-Base UNO hex • H6

9830.106X



0.5 mm	1 mm	2 mm	3 mm	4 mm
9830.1060	9830.1061	9830.1062	9830.1063	9830.1064

Torque: **25 Ncm** • Supplied With: **Screw for abutment Slim**

Ti-Base UNO round • H4

9830.114X

0.5 mm	1 mm	2 mm	3 mm	4 mm
9830.1140	9830.1141	9830.1142	9830.1143	9830.1144

Torque: **25 Ncm** • Supplied With: **Screw for abutment Slim**

Ti-Base UNO round • H6

9830.116X

0.5 mm	1 mm	2 mm	3 mm	4 mm
9830.1160	9830.1161	9830.1162	9830.1163	9830.1164

Torque: **25 Ncm** • Supplied With: **Screw for abutment Slim**

Screw for abutment

1830.0001

Screw Driver Type: **Hex, 1.27 mm**

Screw for abutment • Torx6

1830.0601

Screw Driver Type: **Torx 6**

Digital implant analog

3130.0101

Screw Driver Type: **Hex, 1.27 mm** • Supplied With: **Nut for digital analog**

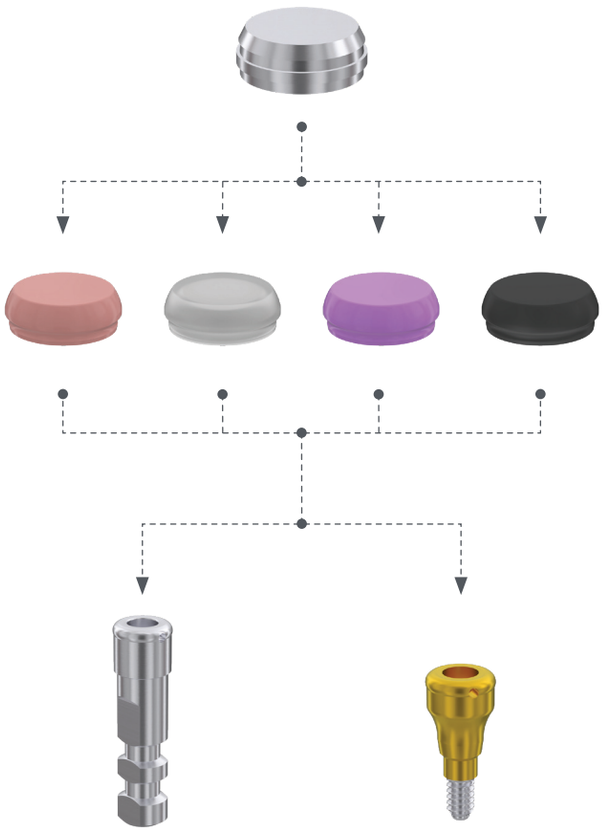
Scan body implant level

7930.0900

Torque: **5-10 Ncm** • Supplied With: **Screw for abutment Slim**

DOWNLOAD
LIBRARIES

DLOC
ATTACHMENT ABUTMENT



DLOC attachment abutment

2030.100X

1 mm	2 mm	3 mm	4 mm	5 mm
2030.1001	2030.1002	2030.1003	2030.1004	2030.1005

Hex: **1.27 mm** • Torque: **25 Ncm**

Housing cap for DLOC

2000.0001

Silicone cap for DLOC • Soft

2000.0002

Retention force: **1.2 kg**

Silicone cap for DLOC • Standard

2000.0003

Retention force: **1.8 kg**

Silicone cap for DLOC • Strong

2000.0004

Retention force: **2.7 kg**

Silicone cap for DLOC

2000.0005

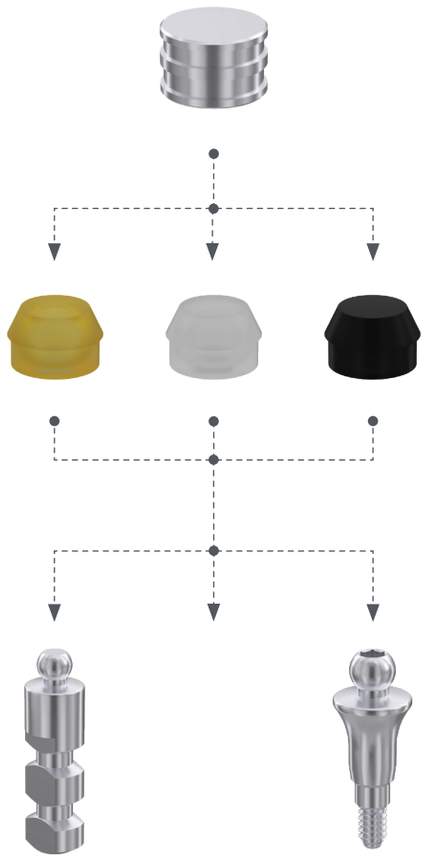
Impression ring for DLOC

2000.0000

Analog DLOC

2000.0010

BALL
ATTACHMENT ABUTMENT



Ball attachment abutment

1930.000X

0.5 mm	1 mm	2 mm	3 mm	4 mm	5 mm
1930.0000	1930.0001	1930.0002	1930.0003	1930.0004	1930.0005

Hex: **1.27 mm** • Torque: **25 Ncm**

Housing cap for ball attachment

1900.0001

Silicone cap for ball attachment

Extrasoft 1900.0002

Retention force: **0.5 kg**

Silicone cap for ball attachment

Lab 1900.0004

Silicone cap for ball attachment

Standard 1900.0003

Retention force: **1.3 kg**

Impression ring for ball attachment

1900.0000

Analog ball attachment

1900.0010

Healing cap Ø4

1630.400X

3 mm	5 mm	7 mm
1630.4003	1630.4005	1630.4007

Hex: **1.27 mm** • Torque: **5-10 Ncm**

Healing cap Ø4.5

1630.450X

2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
1630.4502	1630.4503	1630.4504	1630.4505	1630.4506	1630.4507

Hex: **1.27 mm** • Torque: **5-10 Ncm**

INSTRUMENTS
XGATE

Manual implant driver • 6.35 mm
4400.0002

Manual punch tool • 4 mm
4100.0003

Ratchet wrench
4100.0007

Depth probe
4100.0004

Torque ratchet wrench
4100.0008

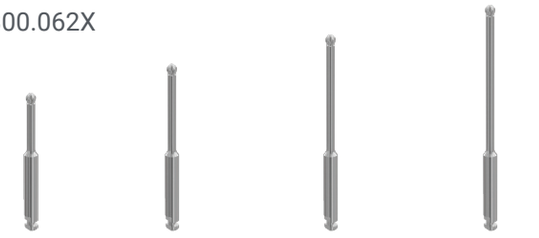
Torque: **10 - infinity Ncm**

Torque ratchet wrench square
4100.0009

Torque: **10 - infinity Ncm**

Contra-angle driver for abutments

4300.062X

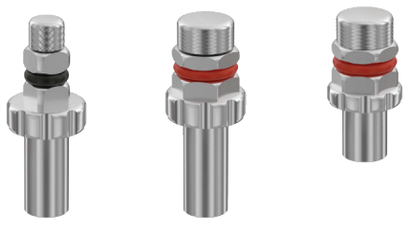


H20	H25	H30	H35
4300.0620	4300.0625	4300.0630	4300.0635

Torx6

Ratchet key for straight MUA D

6500.000X



4.0 mm	6.3 mm	6.3 mm L7
6500.0002	6500.0001	6500.0003

MUA: **D-type**

Contra angle key for straight MUA

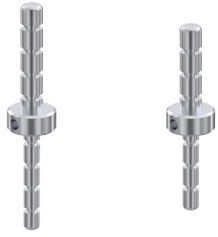
6500.0X00

H15	H22	H30
6500.0100	6500.0200	6500.0300

MUA: **D-type**

Parallel pin double sided

4100.000X



Long	Short
4100.0001	4100.0002

Long / Short symmetry

Manual screw driver for abutments

4500.20XX

H8	H15	H30
4500.2008	4500.2015	4500.2030

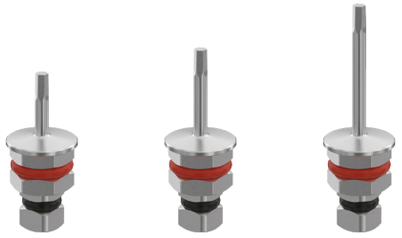
Hex: **1.27 mm**

Manual implant driver • Hex

4400.0001

Ratchet screw driver for abutments

6700.20XX



H7 — 6700.2007

H10 — 6700.2010

H15 — 6700.2015

Head: **SQR 4 mm** • Hex: **6.3 mm**

Ratchet screw driver for abutments

6700.24XX

H7 — 6700.2407

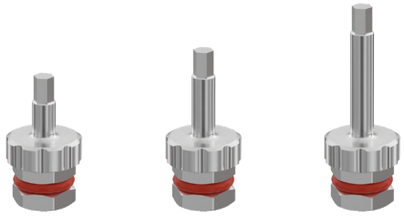
H10 — 6700.2410

H15 — 6700.2415

Head: **SQR 4 mm** • Hex: **1.27 mm**

Ratchet screw driver for implants

6700.30XX



H7 — 6700.3007

H10 — 6700.3010

H15 — 6700.3015

Head: **HEX 6.3 mm** • Hex: **2.0 mm**

Ratchet screw driver for implants

6700.40XX

H7 — 6700.4007

H10 — 6700.4010

H15 — 6700.4015

Head: **SQR 4 mm** • Hex: **2.1 mm**

Ratchet screw driver for implants

6700.60XX

H7 — 6700.6007

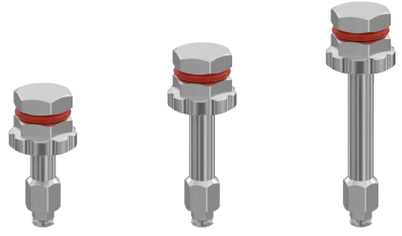
H10 — 6700.6010

H15 — 6700.6015

Head: **SQR 4 mm** • Hex: **2.5 mm**

Ratchet screw driver for implants

6700.34XX



H10 — 6700.3410

H15 — 6700.3415

H20 — 6700.3420

Head: **HEX 6.3 mm** • Hex: **2.42 mm**

Contra-angle driver for implants & Cover screw

4300.21XX

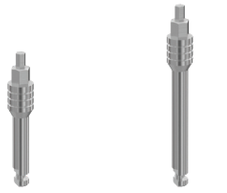
H20 — 4300.2120

H27 — 4300.2127

Hex: **2.1 mm**

Contra-angle driver for implants & Cover screw

4300.24XX



H20 — 4300.2420

H27 — 4300.2427

Hex: **2.42 mm**

Contra-angle driver for implants & Cover screw

4300.25XX

H20 — 4300.2520

H27 — 4300.2527

Hex: **2.5 mm**

TF-MDR-1000-14
XGATE Dental Catalog Ver: 01.00
110.541.18

XGate Dental Group GmbH
Falkensteiner Straße 77,
60322 Frankfurt am Main
Germany

XGate Dental Inc
350 W Passaic St (3rd floor),
Rochelle Park,
NJ 07662
USA

info@xgate.dental · www.xgate.dental