

MADE IN
GERMANY



Easy Indication,

Practical Solution, Fast Implementation

matthias
implant



/matthiasimplantturkiye



www.matthiasimplant.de

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MATTHIAS IMPLANT

For more than a decade, the Matthias implant has become among dentists, thanks to its **technical** and **clinical performance** but also thanks to its **adaptability**



✓ Reliable connection - Morse taper connection (11°)

The Matthias implant is designed with a **conical connection**. Thanks to its **large contact surface**, it ensures the **stability of prosthetic abutments**, prevents micromovements and provides a bacterial seal. The mechanical strength of the implant and abutment is improved.

✓ Efficient design

The Matthias is a **cylindro-conical** implant with a tapered thread base with compressive targeting to ensure **primary stability** as well as **osseointegration**.

- **Narrowed, chamfered and micro-structured implant neck**
The narrowing neck reduces bone compression of the cortical bone.
The structured chamfer promotes the retention of blood coagulum which is necessary for bone reconstruction.
- **Surface Increaser**
The secondary thread increases the developed surface and promotes the distribution of forces on the bone.
- **Constant Leaf**
Cutting spirals all along the implant improve stability, reducing the effort of insertion into the bone.

✓ Platform switching

Platform switching, in synergy with a stable and bacteria-proof **morse taper** connection, is an important factor concerning the tissue stability. It helps to prevent peri-implantitis.

✓ Atraumatic spherical apex

Thanks to its design, the apex reduces the anatomical risk during surgery and allows a less invasive osteotomy.

2

BENEFITS

The MATTHIAS is a cylindro-conical implant with primary stability promoting immediate loading, thanks to its design and placement protocol.



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IT HAS THE FOLLOWING BENEFITS:

- ✓ **Tissue stability** thanks to its morse taper connection, platform switching and the concave profile of the transgingival part of the abutments. Prevents bacterial infiltration, preserving the peri-implant biological space.
-
- ✓ **Prosthetic simplicity and adaptability:** a single connection for all implant diameters* simplifies stock management and prosthetic procedures both at the chairside and in the laboratory.

3

A **SINGLE** SURGICAL AND GUIDED SURGERY KIT FOR ALL IMPLANTS IN THE MATTHIAS RANGE

MATTHIAS FULL
SURGERY KIT



MATTHIAS
SURGICAL KIT





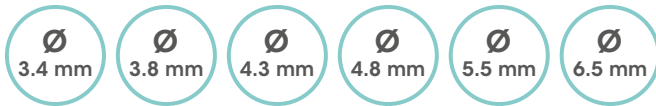
THE MATTHIAS SURGICAL AND ATLASURGERY™ 2 GUIDED SURGERY KITS ARE:

- ✓ **Compact** for minimum space requirements and optimal storage.
- ✓ **Convenient**, with quick and easy opening for easy access to instruments.
- ✓ **Understandable** thanks to colour marking for quick instrument identification.
- ✓ **Fully removable** for complete decontamination and autoclavability.

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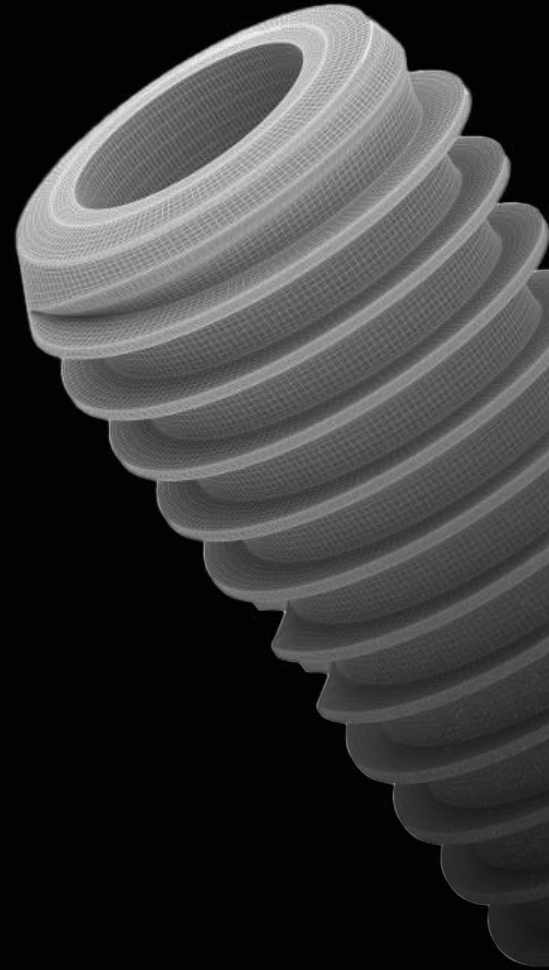
MATTHIAS A COMPLETE RANGE OF IMPLANTS TO TREAT ALL YOUR CASES

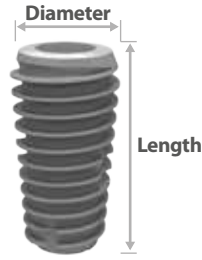
✓ 6 body diameter:



✓ 5 lengths

- 5 mm
- 7 mm
- 9 mm
- 11 mm
- 13 mm





- Body Thread Type for reducing load during placing
- Taper–Straight Design for stable placement
- Easy entry due to Sharp Apex
- Enhanced Self Tapping function by cutting

Ø3.4

| | | | | |
|--------|---------|---------|---------|---------|
| Length | 7.0 | 9.0 | 11.0 | 13.0 |
| Ref.C | MTH3407 | MTH3409 | MTH3411 | MTH3413 |

Ø3.8

| | | | | | |
|--------|---------|---------|---------|---------|---------|
| Length | 5.0 | 7.0 | 9.0 | 11.0 | 13.0 |
| Ref.C | MTH3805 | MTH3807 | MTH3809 | MTH3811 | MTH3813 |

Ø4.3

| | | | | | |
|--------|---------|---------|---------|---------|---------|
| Length | 5.0 | 7.0 | 9.0 | 11.0 | 13.0 |
| Ref.C | MTH4305 | MTH4307 | MTH4309 | MTH4311 | MTH4313 |

Ø4.8

| | | | | | |
|--------|---------|---------|---------|---------|---------|
| Length | 5.0 | 7.0 | 9.0 | 11.0 | 13.0 |
| Ref.C | MTH4805 | MTH4807 | MTH4809 | MTH4811 | MTH4813 |

Ø5.5

| | | | | | |
|--------|---------|---------|---------|---------|---------|
| Length | 5.0 | 7.0 | 9.0 | 11.0 | 13.0 |
| Ref.C | MTH5505 | MTH5507 | MTH5509 | MTH5511 | MTH5513 |

Ø6.5

| | | | | | |
|--------|---------|---------|---------|---------|---------|
| Length | 5.0 | 7.0 | 9.0 | 11.0 | 13.0 |
| Ref.C | MTH6505 | MTH6507 | MTH6509 | MTH6511 | MTH6513 |

5

HEALING ABUTMENT



- Used a Hand Driver (1,2HEX)
- Recommend Torque : 5~8Ncm

Ø4.5

| Height | 3.0 | 4.0 | 5.0 | 7.0 |
|--------|---------|---------|---------|---------|
| Ref.C | MHA4530 | MHA4540 | MHA4550 | MHA4570 |

Ø5.5

| Height | 3.0 | 4.0 | 5.0 | 7.0 |
|--------|---------|---------|---------|---------|
| Ref.C | MHA5530 | MHA5540 | MHA5550 | MHA5570 |

Ø6.5

| Height | 3.0 | 4.0 | 5.0 | 7.0 |
|--------|---------|---------|---------|---------|
| Ref.C | MHA6530 | MHA6540 | MHA6550 | MHA6570 |



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TRANSFER ABUTMENT

- Recommend Torque : 35Ncm
- Used a Hand Driver(1,2HEX)
- Enclosed a Abutment screw



Ø4.5

| Cuff | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|------|-----|-----|-----|-----|-----|
|------|-----|-----|-----|-----|-----|

HEX
Height

| 5.5 | MDA4515H | MDA4525H | MDA4535H | MDA4545H | MDA4555H |
|-----|----------|----------|----------|----------|----------|
|-----|----------|----------|----------|----------|----------|

Non HEX
Height

| 5.5 | MDA4515N | MDA4525N | MDA4535N | MDA4545N | MDA4555N |
|-----|----------|----------|----------|----------|----------|
|-----|----------|----------|----------|----------|----------|

Ø5.5

| Cuff | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|------|-----|-----|-----|-----|-----|
|------|-----|-----|-----|-----|-----|

HEX
Height

| 5.5 | MDA5515H | MDA5525H | MDA5535H | MDA5545H | MDA5555H |
|-----|----------|----------|----------|----------|----------|
|-----|----------|----------|----------|----------|----------|

Non HEX
Height

| 5.5 | MDA5515N | MDA5525N | MDA5535N | MDA5545N | MDA5555N |
|-----|----------|----------|----------|----------|----------|
|-----|----------|----------|----------|----------|----------|

7

ANGLED ABUTMENT



- Recommend Torque : 35Ncm
- Used a Hand Driver(1.2HEX)
- Enclosed a Abutment screw

Ø4.5

| | | |
|------|-----|-----|
| Cuff | 2.0 | 4.0 |
|------|-----|-----|

Angled

| | | | |
|---------|-----|------------|------------|
| HEX | 15° | MAA451520H | MAA451540H |
| HEX | 25° | MAA452520H | MAA452540H |
| NON HEX | 15° | MAA451520N | MAA451540N |
| NON HEX | 25° | MAA452520N | MAA452540N |

Ø5.5

| | | |
|------|-----|-----|
| Cuff | 2.0 | 4.0 |
|------|-----|-----|

Angled

| | | | |
|---------|-----|------------|------------|
| HEX | 15° | MAA551520H | MAA551540H |
| HEX | 25° | MAA552520H | MAA552540H |
| NON HEX | 15° | MAA551520N | MAA551540N |
| NON HEX | 25° | MAA552520N | MAA552540N |

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IMPRESSION COPING

Pick up

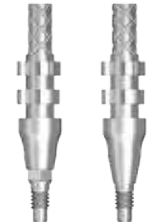
| Diameter | 4.5 | 5.5 |
|----------|-----|-----|
|----------|-----|-----|

| | | |
|-----|----------|----------|
| HEX | MPU4511H | MPU5511H |
|-----|----------|----------|

| | | |
|-----|----------|----------|
| HEX | MPU4515H | MPU5515H |
|-----|----------|----------|

| | | |
|---------|----------|----------|
| NON HEX | MPU4511N | MPU5511N |
|---------|----------|----------|

| | | |
|---------|----------|----------|
| NON HEX | MPU4515N | MPU5515N |
|---------|----------|----------|



Hex

Non-hex

- Used a Hand Driver (1,2HEX) ·
- Used for Closed Tray & open tray pick up ·
- (Transfer Coping) Impression Technique ·
- Enclosed a Guide pin ·

Close

| Diameter | 4.5 | 5.5 |
|----------|-----|-----|
|----------|-----|-----|

| | | |
|-----|----------|----------|
| HEX | MTF4511H | MTF5511H |
|-----|----------|----------|

| | | |
|-----|----------|----------|
| HEX | MTF4515H | MTF5515H |
|-----|----------|----------|

| | | |
|---------|----------|----------|
| NON HEX | MTF4511N | MTF5511N |
|---------|----------|----------|

| | | |
|---------|----------|----------|
| NON HEX | MTF4515N | MTF5515N |
|---------|----------|----------|



Hex

Non-hex

DIGITAL+LAB ANALOG

MLA



- Replicates the Fixture
- Small type Lab analog

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MULTI ABUTMENT



Ø4.5

| Cuff | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|------|---------|---------|---------|---------|---------|
| | MMA4515 | MMA4525 | MMA4535 | MMA4545 | MMA4555 |

Ø5.5

| Cuff | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|------|---------|---------|---------|---------|---------|
| | MMA5515 | MMA5525 | MMA5535 | MMA5545 | MMA5555 |

MULTI ANGLED ABUTMENT



Ø4.5

| Cuff | 1.5 | 3.0 |
|-----------------------|-------------|-------------|
| 17° Height | | |
| HEX | MMAA451715H | MMAA451730H |
| NON HEX | MMAA451715N | MMAA451730N |

Ø4.5

| Cuff | 1.5 | 3.0 |
|-----------------------|-------------|-------------|
| 30° Height | | |
| HEX | MMAA453015H | MMAA453030H |
| NON HEX | MMAA453015N | MMAA453030N |



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MULTI UNIT HEALING & IMPRESSION



Open Tray Transfer

MTF45



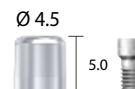
Closed Tray Transfer

MPU45



Digital+Lab. Analog

MAN45



Healing Cap

MHC45



Ø4.5

| PLASTIC CYLINDER | |
|------------------|------|
| HEX | MPCH |
| NON HEX | MPCN |



Ø4.5

| TEMPORARY CYLINDER | |
|--------------------|------|
| HEX | MPTH |
| NON HEX | MPTN |

DIGITAL SOLUTIONS

SCAN BODY



| | |
|-----------|----------|
| Scan Body | MDJ4010H |
|-----------|----------|

| | |
|----------------------|--------|
| Multi Unit Scan Body | MSB45N |
|----------------------|--------|

TI-BASE ABUTMENT



Hex

Non-Hex

TI-BASE ABUTMENT

| | |
|------------|--------|
| 0.5 mm HEX | MTB05H |
|------------|--------|

| | |
|----------------|---------|
| 0.5 mm NON-HEX | MTB05NH |
|----------------|---------|

| | |
|------------|--------|
| 1.5 mm HEX | MTB15H |
|------------|--------|

| | |
|----------------|---------|
| 1.5 mm NON-HEX | MTB15NH |
|----------------|---------|

| | |
|------------|--------|
| 2.5 mm HEX | MTB25H |
|------------|--------|

| | |
|----------------|---------|
| 2.5 mm NON-HEX | MTB25NH |
|----------------|---------|

MULTI UNIT TI-BASE ABUTMENT

| | |
|--------------------|---------|
| M.U. Ti-Base (Hex) | MSTA45S |
|--------------------|---------|

| | |
|------------------------|---------|
| M.U. Ti-Base (Non Hex) | MSTA45B |
|------------------------|---------|



BALL ATTACHMENT ABUTMENT



· Recommend Torque : 35Ncm

| Cuff | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 |
|------|---------|---------|---------|---------|---------|
| | MBA3510 | MBA3520 | MBA3530 | MBA3540 | MBA3550 |

LOCATOR ABUTMENT



· Recommend Torque : 35Ncm

| Cuff | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 |
|------|---------|---------|---------|---------|---------|---------|---------|
| | MLA3510 | MLA3520 | MLA3530 | MLA3540 | MLA3550 | MLA3560 | MLA3570 |

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MATTHIAS FULL SURGERY KIT



MATTHIAS IMPLANT

PROSTHET

HEX DRIVER

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DRIVER

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DRIVER

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