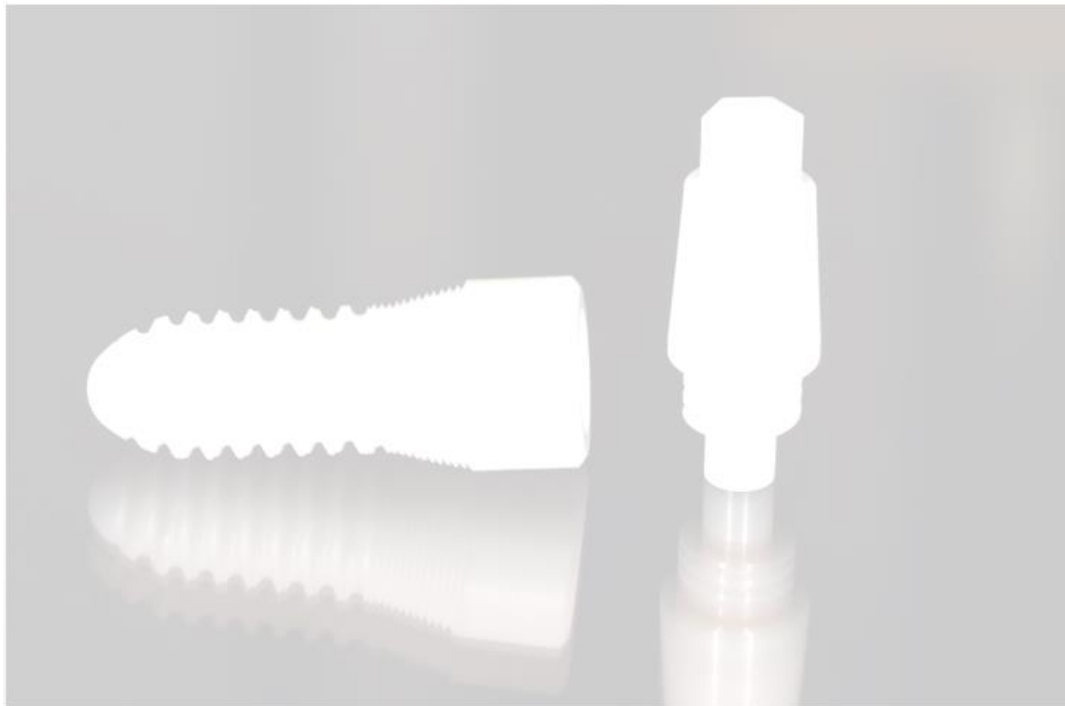
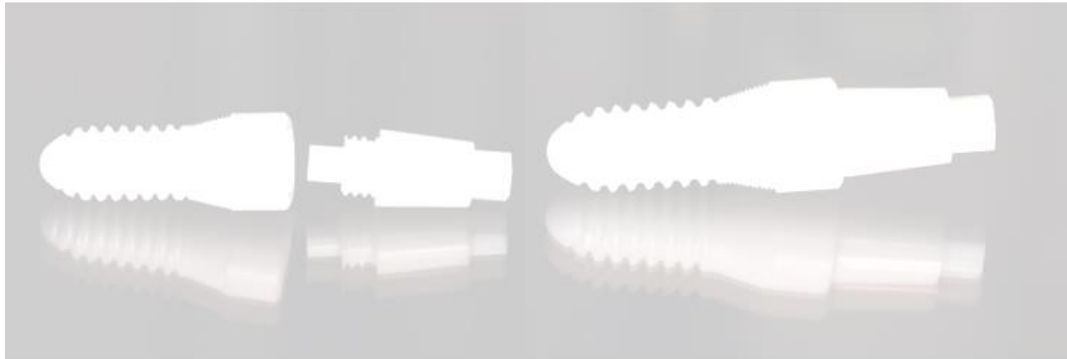




AWI

Albus WITAR Implants

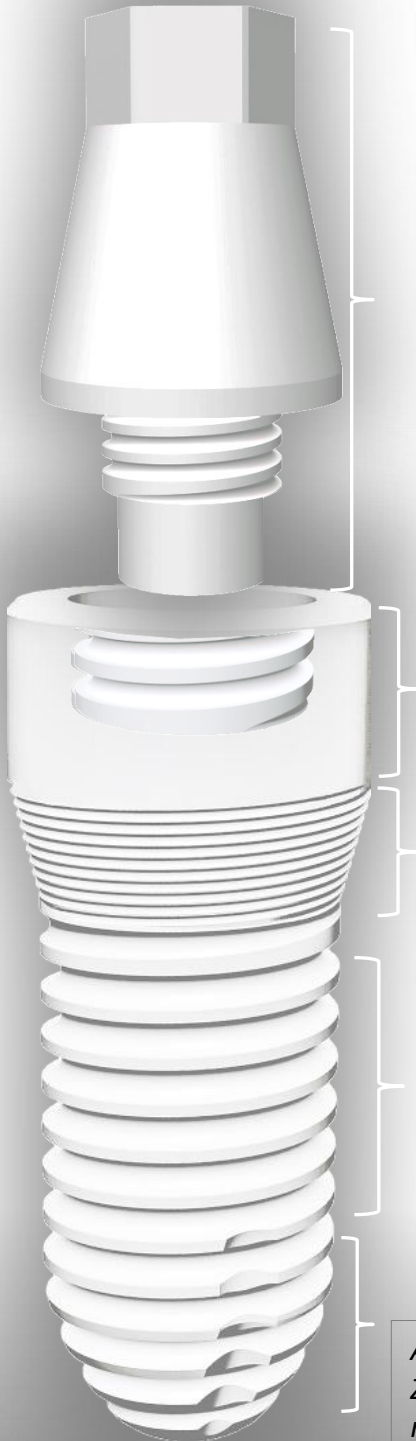


www.witar.de



AWI implants are the perfect solution for all indications

AWI ceramic implants offer the optimal combination of aesthetics, stability, accuracy and healthy osseointegration. A sophisticated implant design, combined with modern materials offers the perfect solution for all bone classes and indications. 100% Metal-free implants made of Zirconium Oxide are completely bio-compatible.



Cemented abutment made of Zirconium Oxide for individual design, can be shaped in situ.

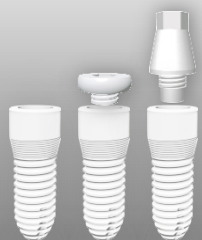
The transgingival shoulder area offers an optimized surface for the soft tissue and the aesthetic transition to the prosthetics.

Conical micro threads in the area of the cortical bone allows a better primary stability and axial loading.

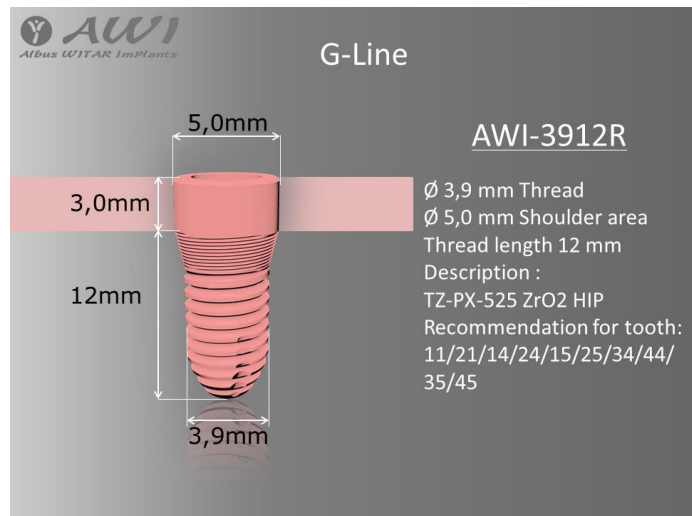
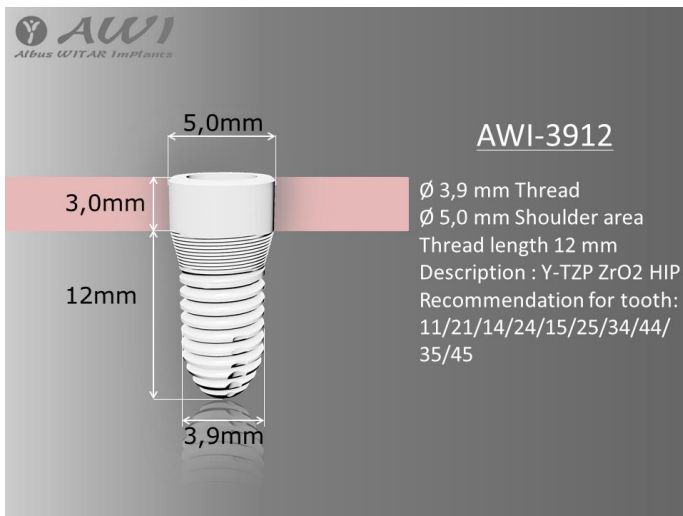
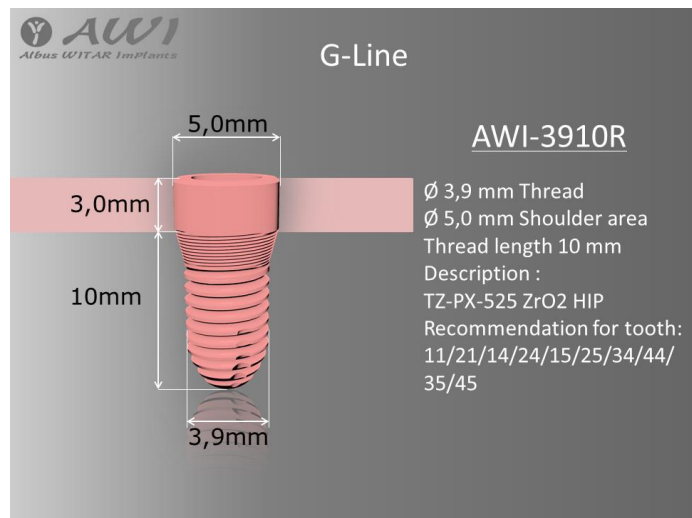
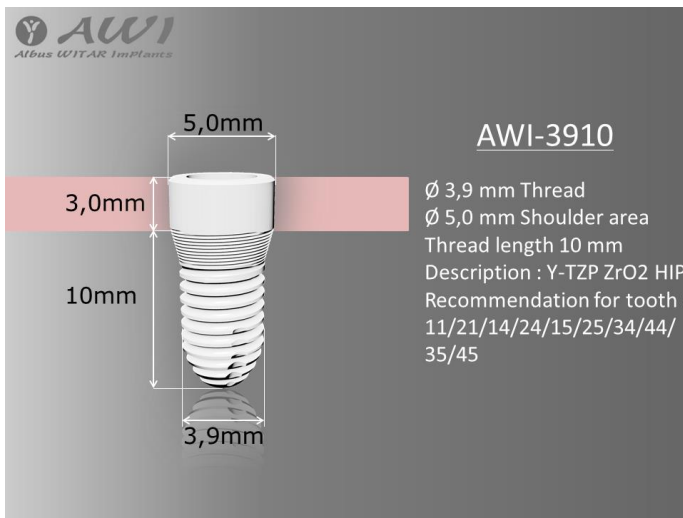
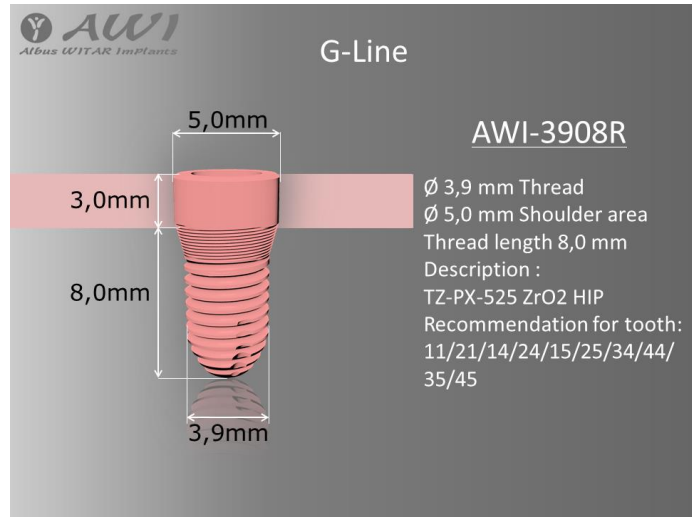
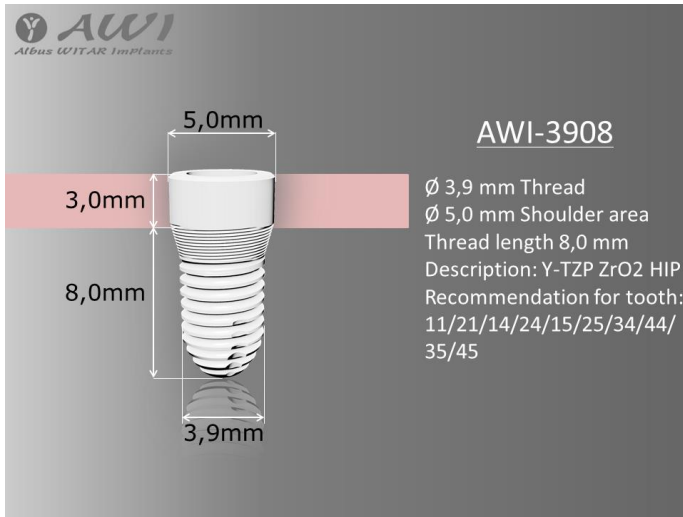
An optimized surface roughness of $1,7\text{ }\mu\text{m}$ is recommended by several studies and is achieved during a patented process. This combination of the surface and threads ensures an optimized osseointegration for all bone types.

The self-cutting tip of the implant offers enough space for bone chips and a low-compression insertion.

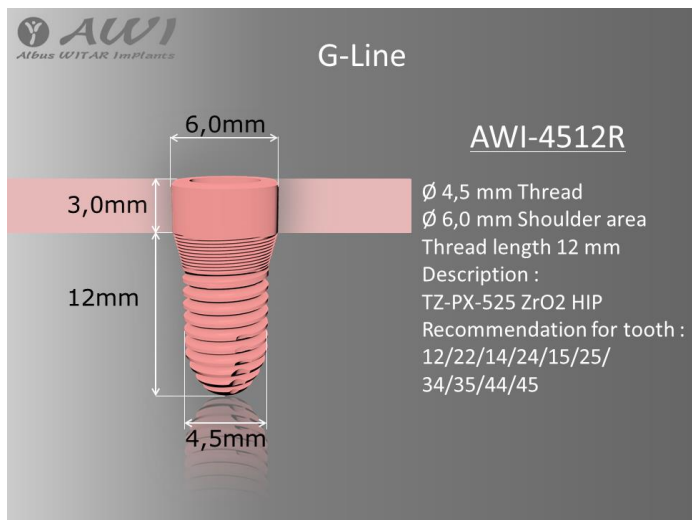
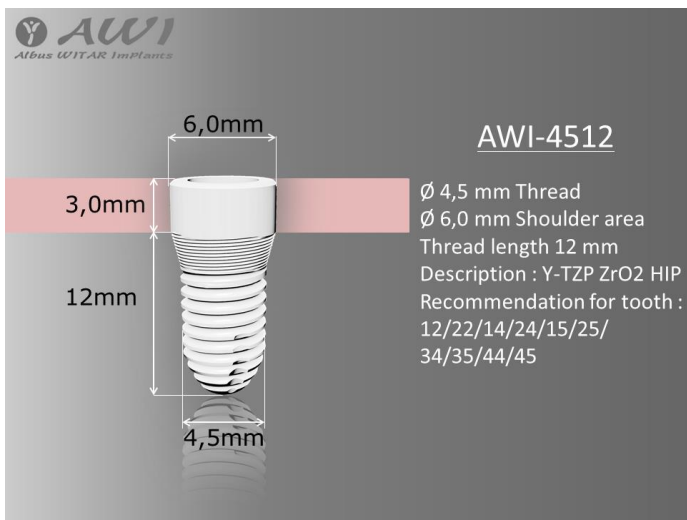
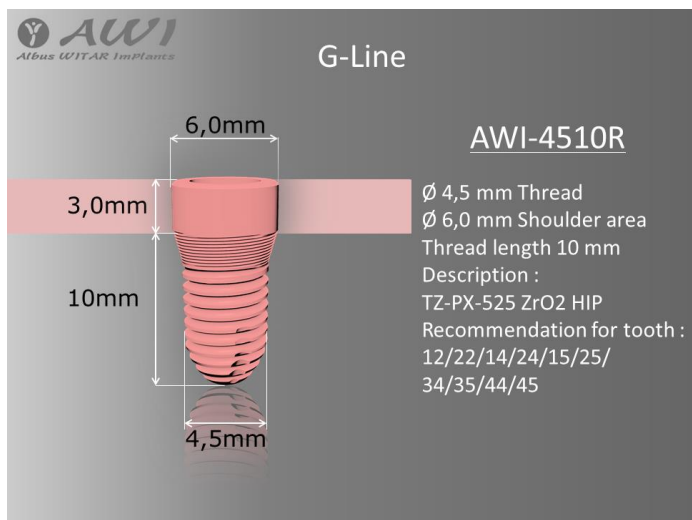
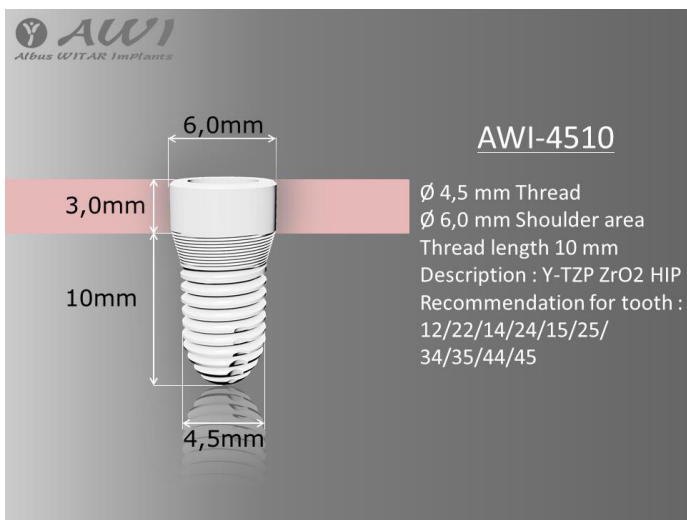
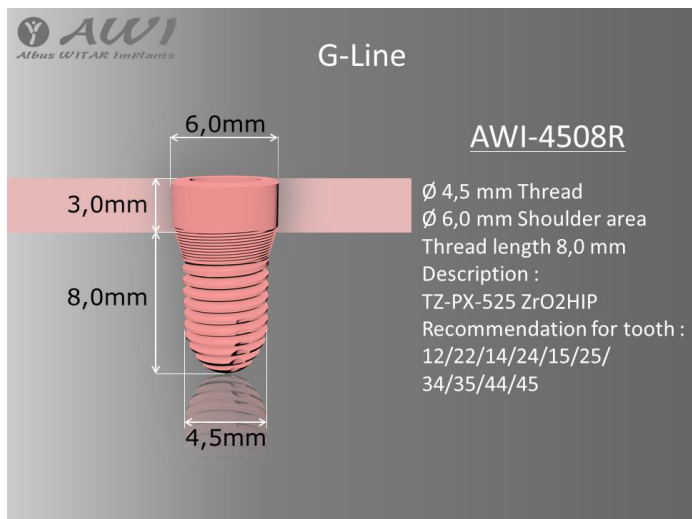
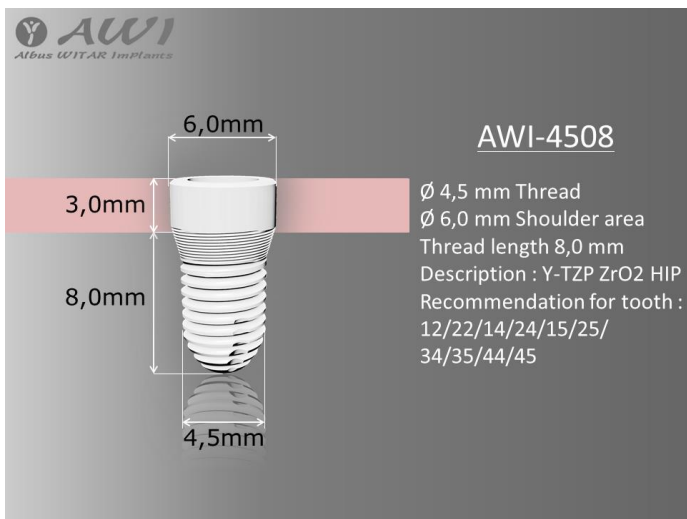
AWI implants are made of the metal-free material Zirconium Oxide Y-TZP, a high-end ceramic. This material can be used for patients with a metal intolerance as well as metabolic- or autoimmune-diseases.



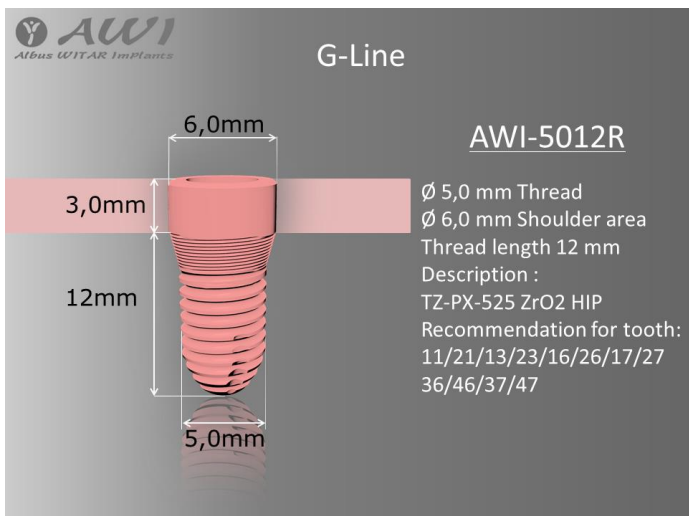
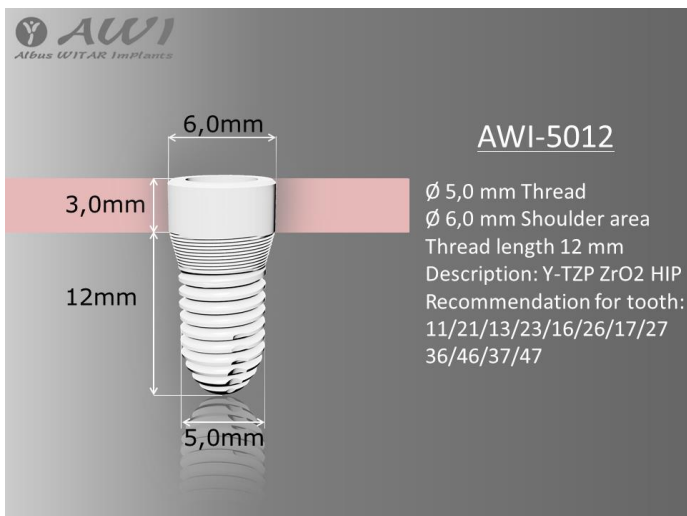
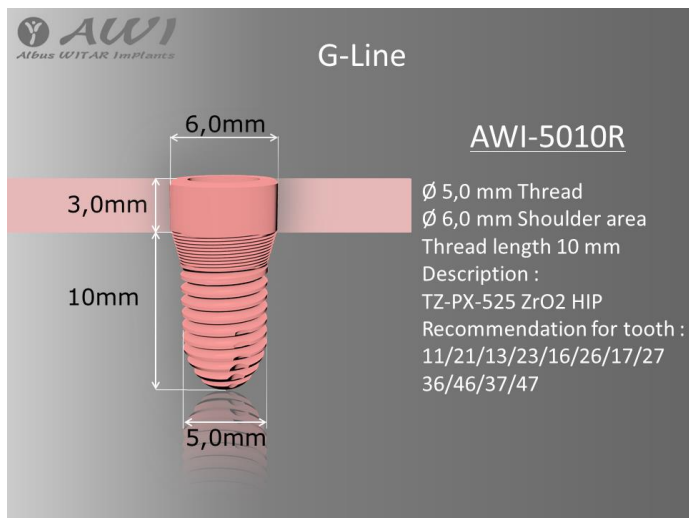
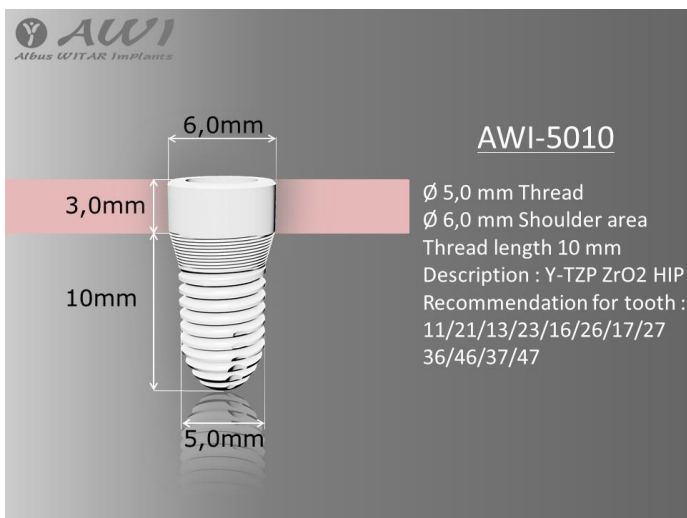
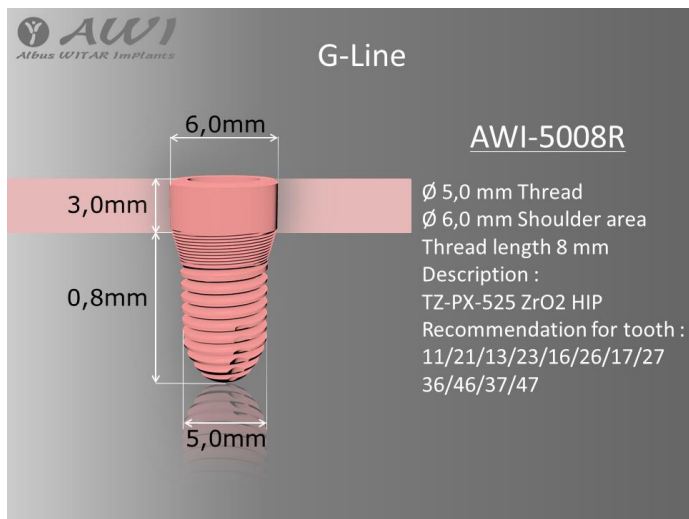
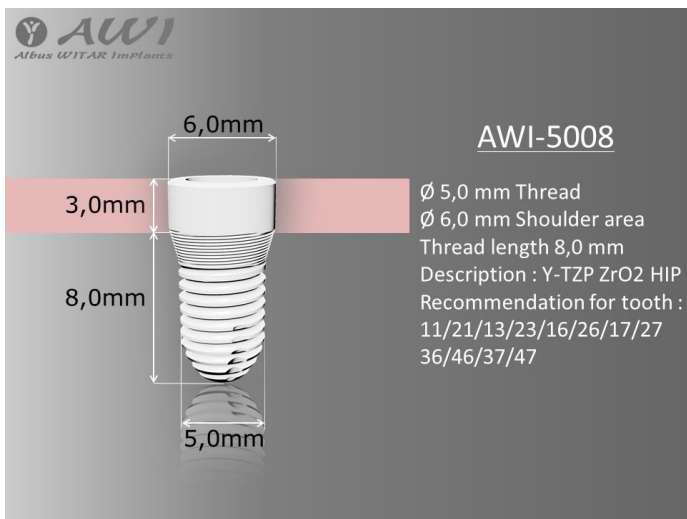
Dimensions of the AWI ceramic implants.



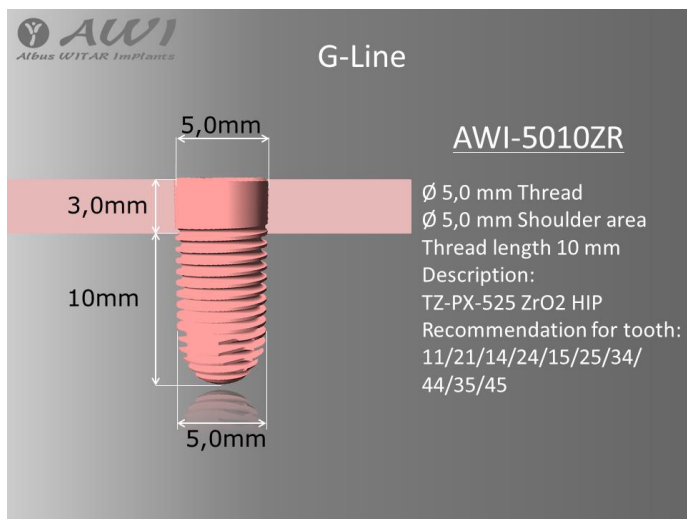
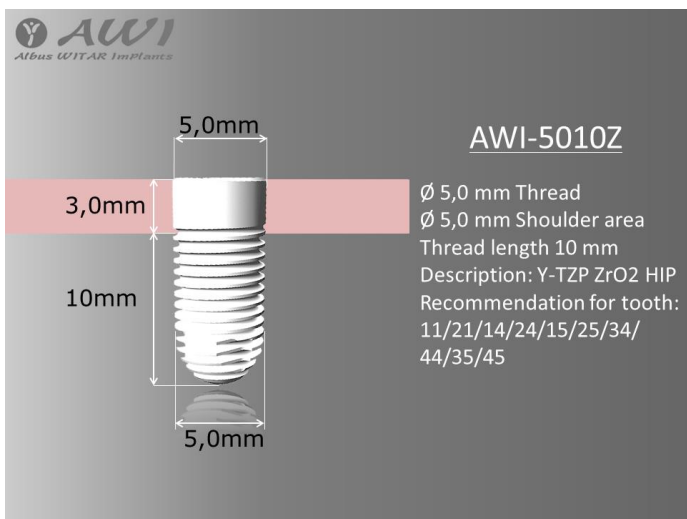
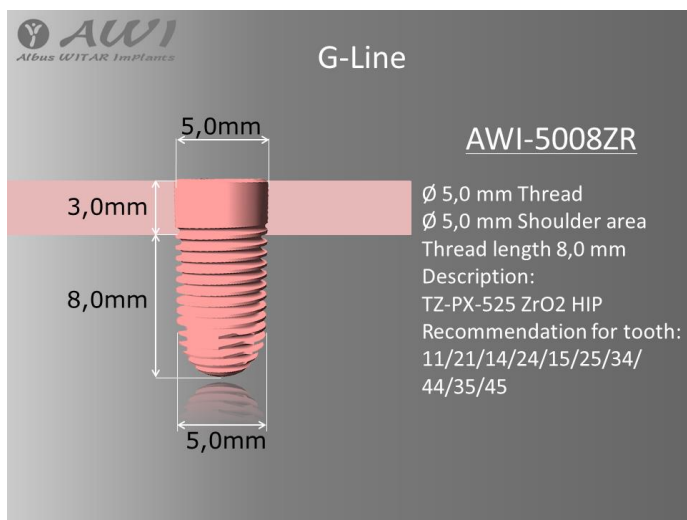
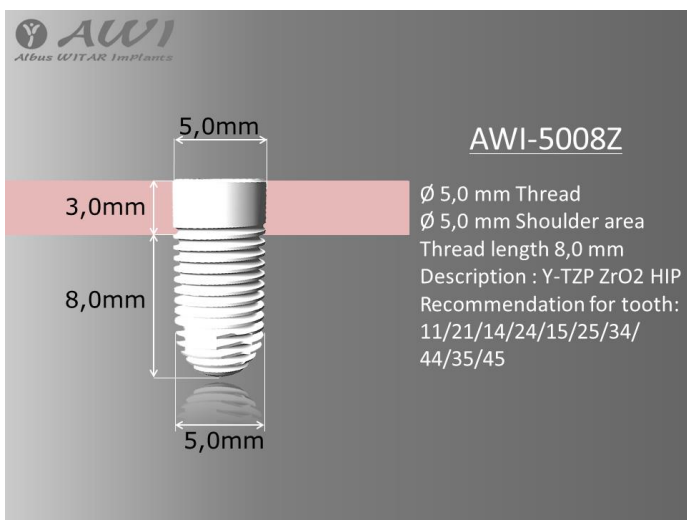
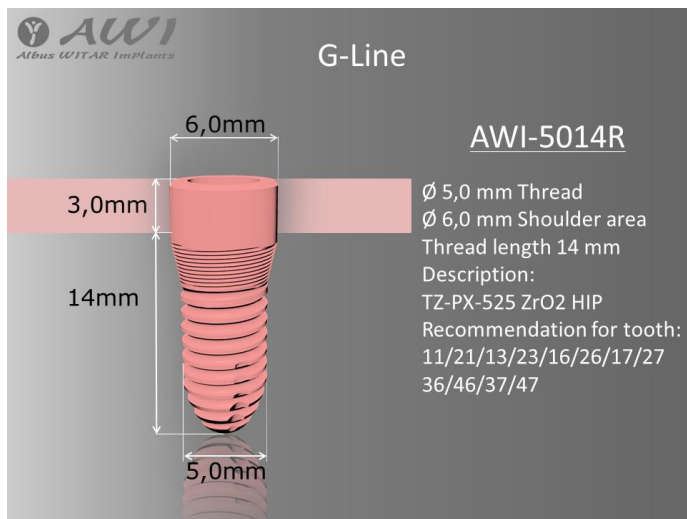
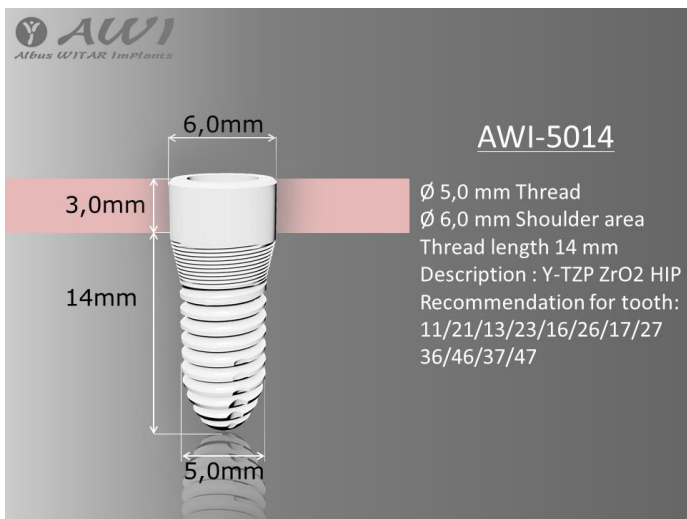
Dimensions of the AWI ceramic implants.



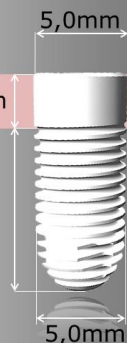
Dimensions of the AWI ceramic implants.



Dimensions of the AWI ceramic implants.



Dimensions of the AWI ceramic implants.

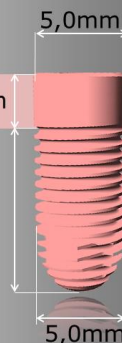


AWI-5012Z

Ø 5,0 mm Thread
Ø 5,0 mm Shoulder area
Thread length 12 mm
Description: Y-TZP ZrO2 HIP
Recommendation for tooth:
11/21/14/24/15/25/34/
35/44/45

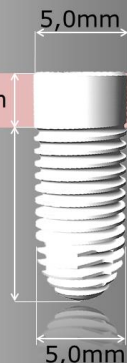


G-Line



AWI-5012ZR

Ø 5,0 mm Thread
Ø 5,0 mm Shoulder area
Thread length 12 mm
Description:
TZ-PX-525 ZrO2 HIP
Recommendation for tooth:
11/21/14/24/15/25/34/
35/44/45

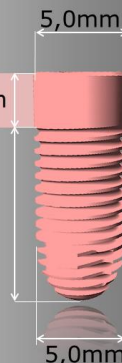


AWI-5014Z

Ø 5,0 mm Thread
Ø 5,0 mm Shoulder area
Thread length 14 mm
Description: Y-TZP ZrO2 HIP
Recommendation for tooth:
11/21/14/24/15/25/34/
44/35/45



G-Line

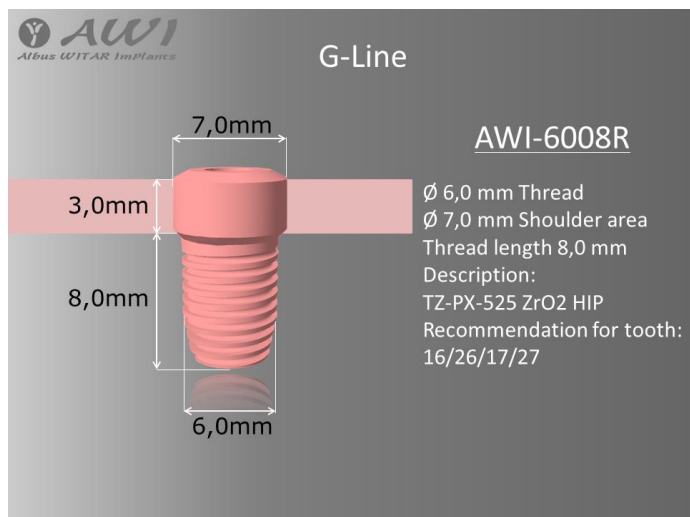
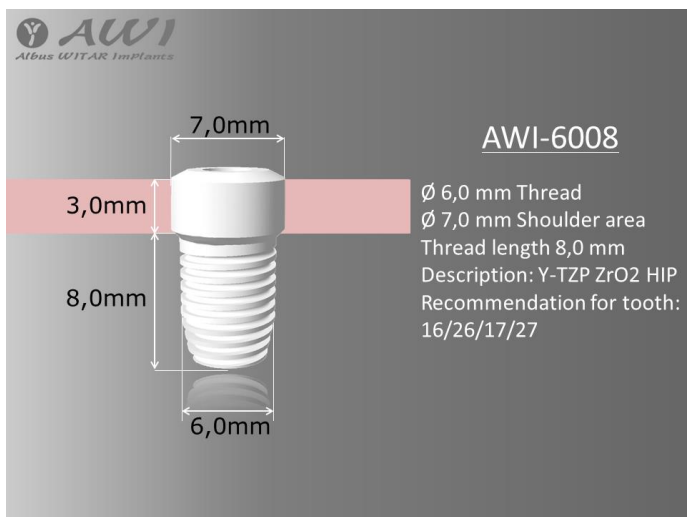


AWI-5014ZR

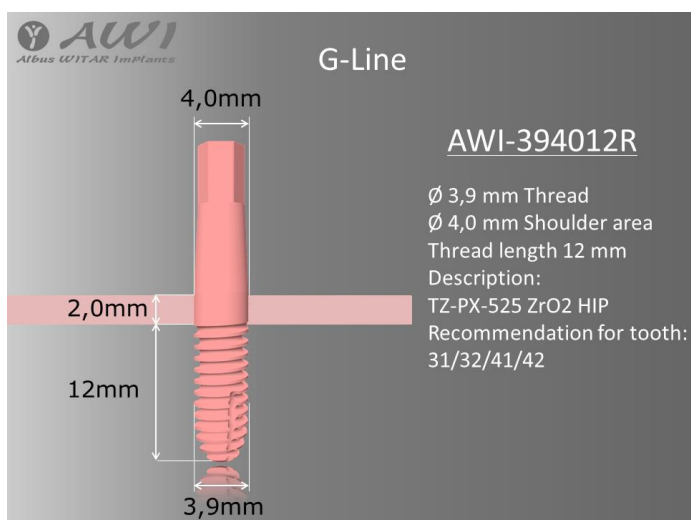
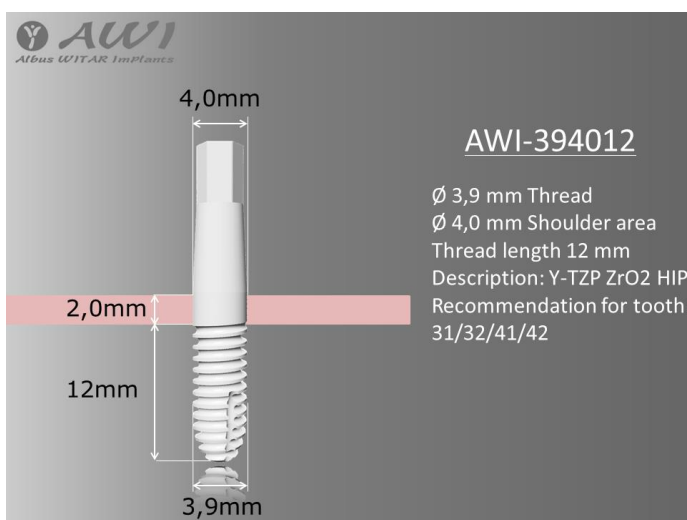
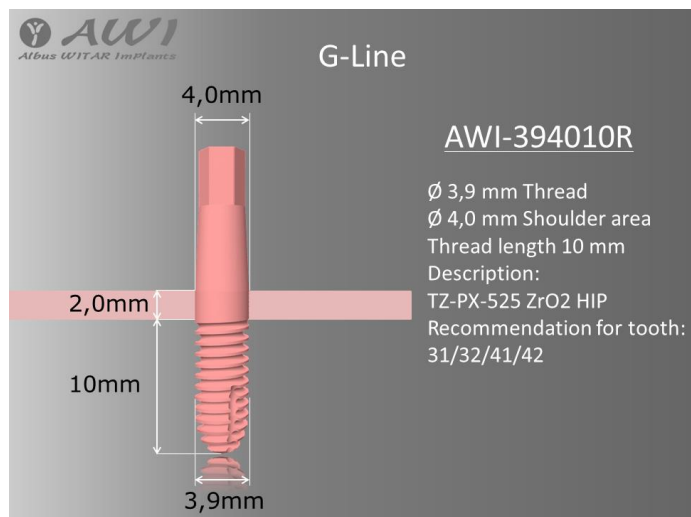
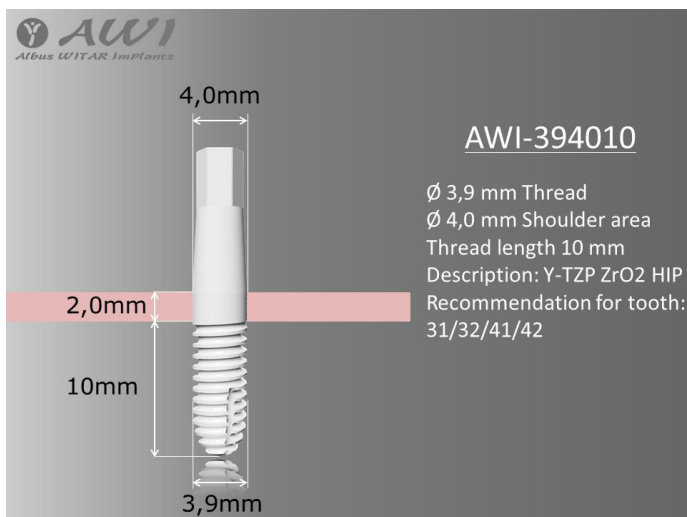
Ø 5,0 mm Thread
Ø 5,0 mm Shoulder area
Thread length 14 mm
Description:
TZ-PX-525 ZrO2HIP
Recommendation for tooth:
11/21/14/24/15/25/34/
44/35/45



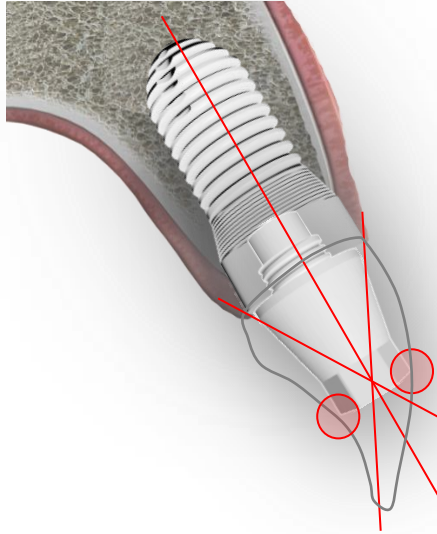
Dimensions of the AWI ceramic implants.



Dimensions of the one-piece AWI ceramic implants.



Preparation of the abutment.



The ceramic abutments can be shaped up to 20° angles. Please use red-ring diamond burs with a maximum revolution of 100.000 RPM, light pressure of less than 5 Ncm and ensure maximum cooling.

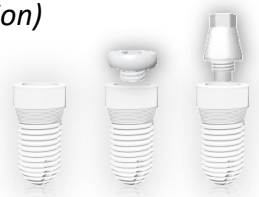


Preparation kit

Developed for dental surgery, ideal for grinding zircon and glass ceramics.

Advantages over conventionally manufactured burs:

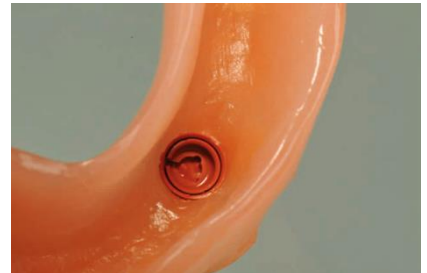
- Reduced chair time due to approx. 20% higher cutting performance
- Low heat development due to gold-plated shaft (improved temperature dissipation)
- fine grain (red ring)



The dimensions of the AWI-Loc 1,5



CM LOC®



Indication for use

The AWI-Loc & CM LOC® abutment components are designed to fix full or partial overdentures or partial dentures in the maxilla or mandible using endosseous implants (see web list). The CM LOC® CAD / CAM retention element is an additional holding element.

AWI-Loc & CM LOC® Abutment:

Anchoring the upper and lower jaw prosthesis on 4 or more implants.

Drilling protocol

AWI-3908 AWI-3910 AWI-3912

Round bur $\varnothing 2,3\text{mm}$

Pilot drill $\varnothing 2,3\text{mm}$

Countersink $\varnothing 5,0\text{mm}$

Shaping drill $\varnothing 3,6\text{mm}$

Thread cutter of $\varnothing 3,9\text{mm}$



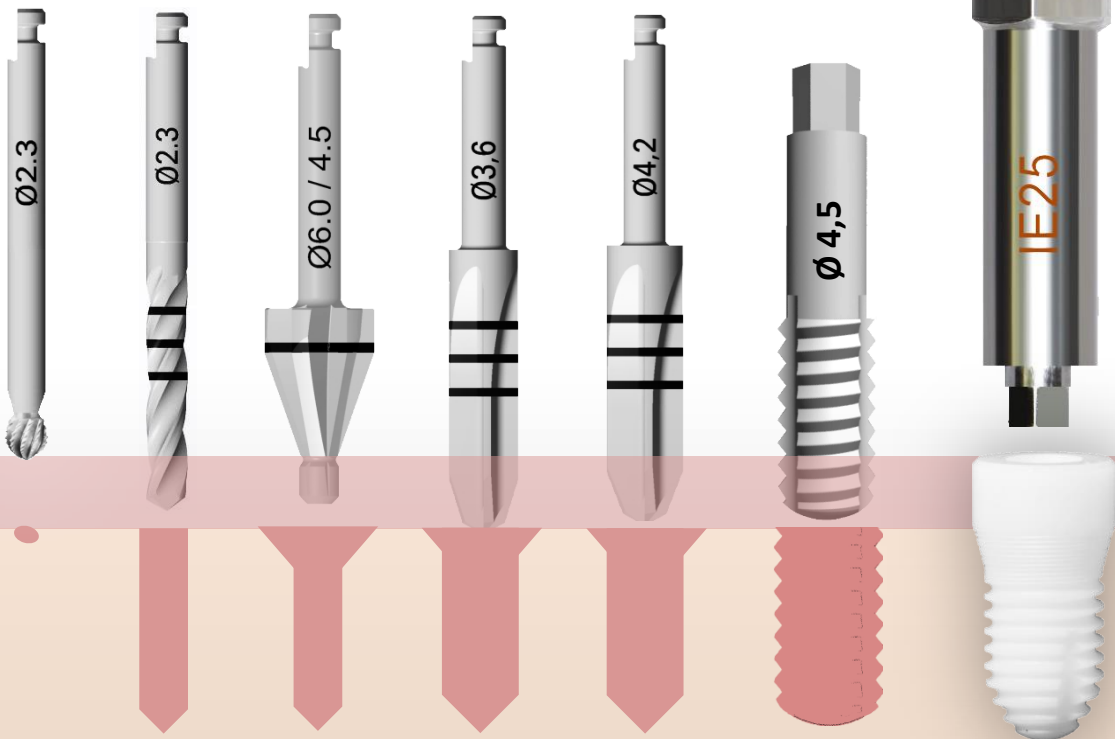
35N/Cm



Drilling protocol

AWI-4508 AWI-4510 AWI-4512

Round bur	Ø 2,3mm
Pilot drill	Ø 2,3mm
Countersink	Ø 6,0/4,5mm
Shaping drill	Ø 3,6mm
Shaping drill	Ø 4,2mm
Thread cutter of	Ø 4,5mm



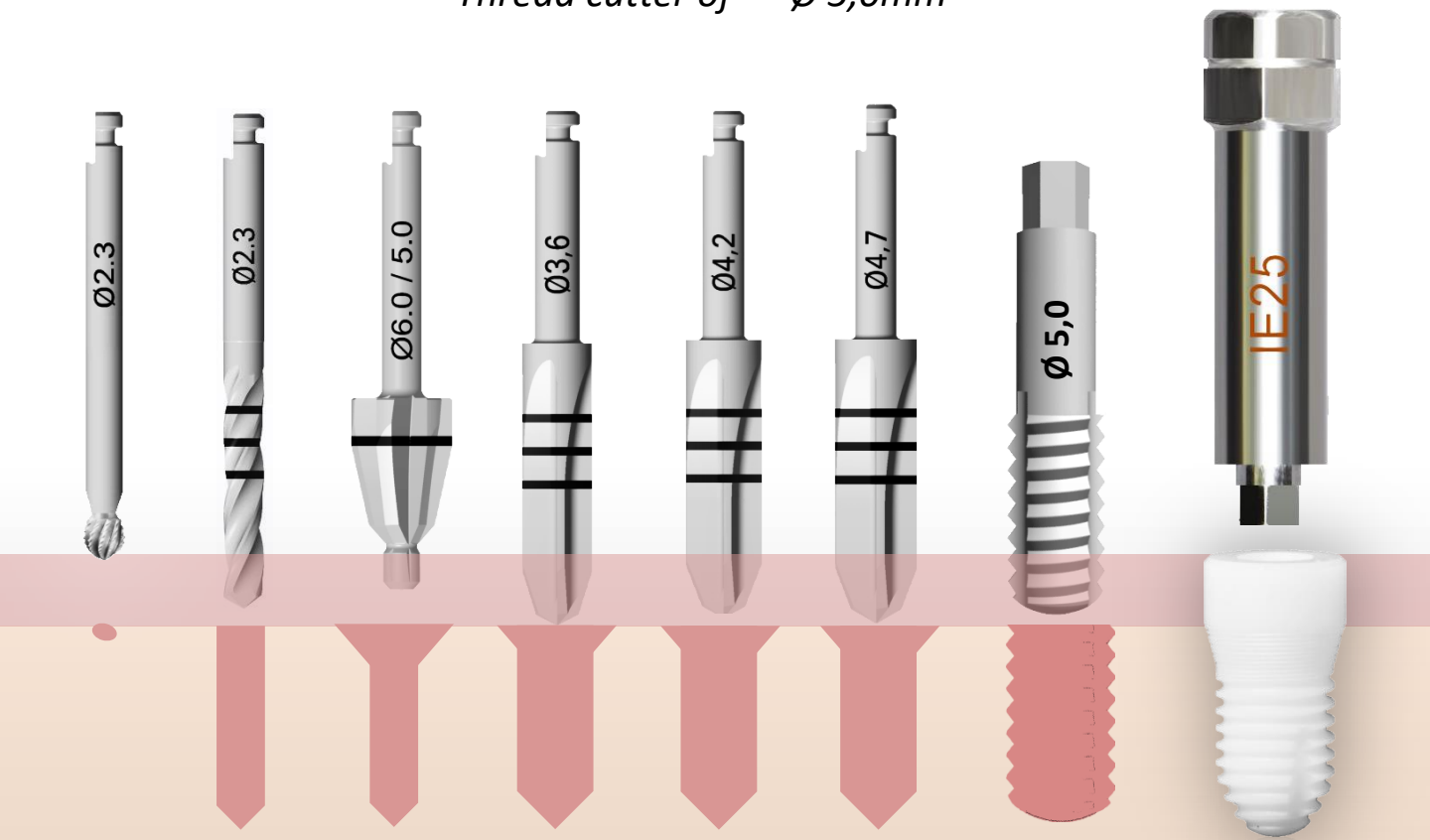
35N/Cm



Drilling protocol

AWI-5008 AWI-5010 AWI-5012

Round bur	Ø 2,3mm
Pilot drill	Ø 2,3mm
Countersink	Ø 6,0/5,0mm
Shaping drill	Ø 3,6mm
Shaping drill	Ø 4,2mm
Shaping drill	Ø 4,7mm
Thread cutter of	Ø 5,0mm



35N/Cm



Drilling protocol Z-Serie

AWI-5008Z AWI-5010Z AWI-5012Z

Round bur \varnothing 2,3mm

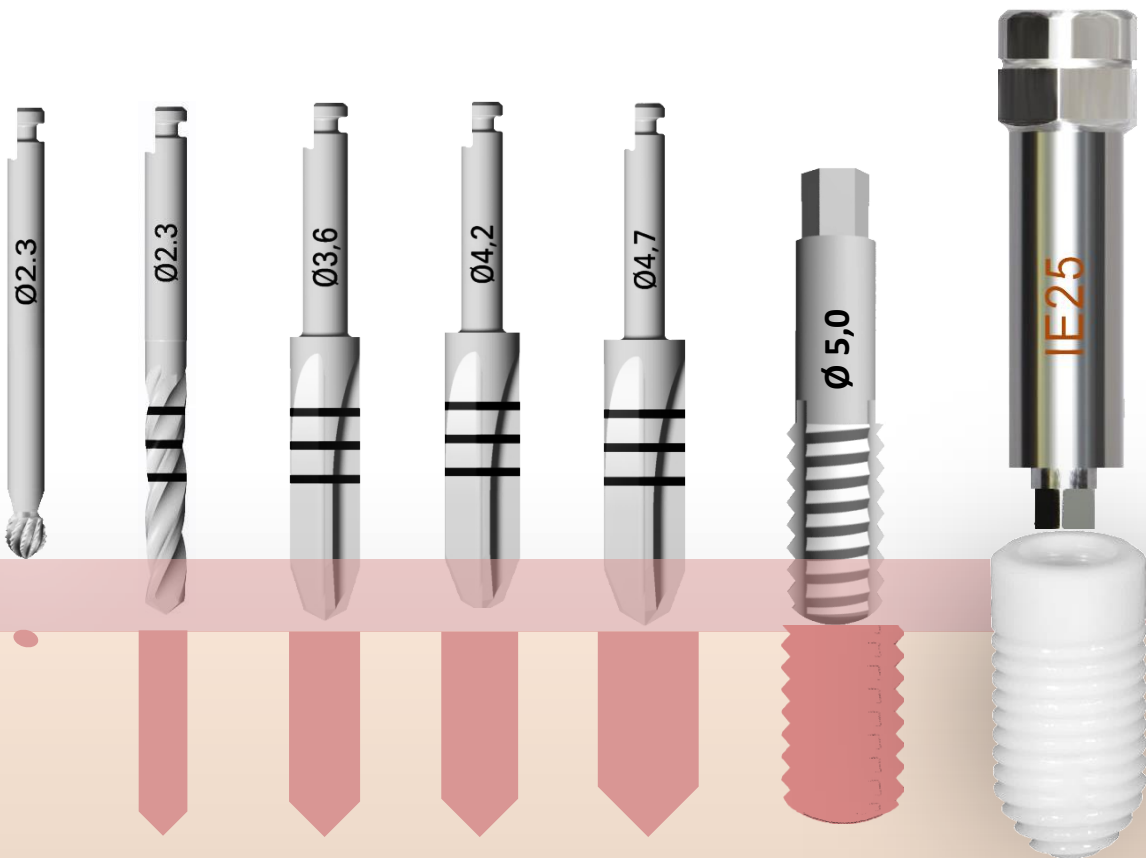
Pilot drill \varnothing 2,3mm

Shaping drill \varnothing 3,6mm

Shaping drill \varnothing 4,2mm

Shaping drill \varnothing 4,7mm

Thread cutter of \varnothing 5,0mm



35N/Cm



Drilling protocol

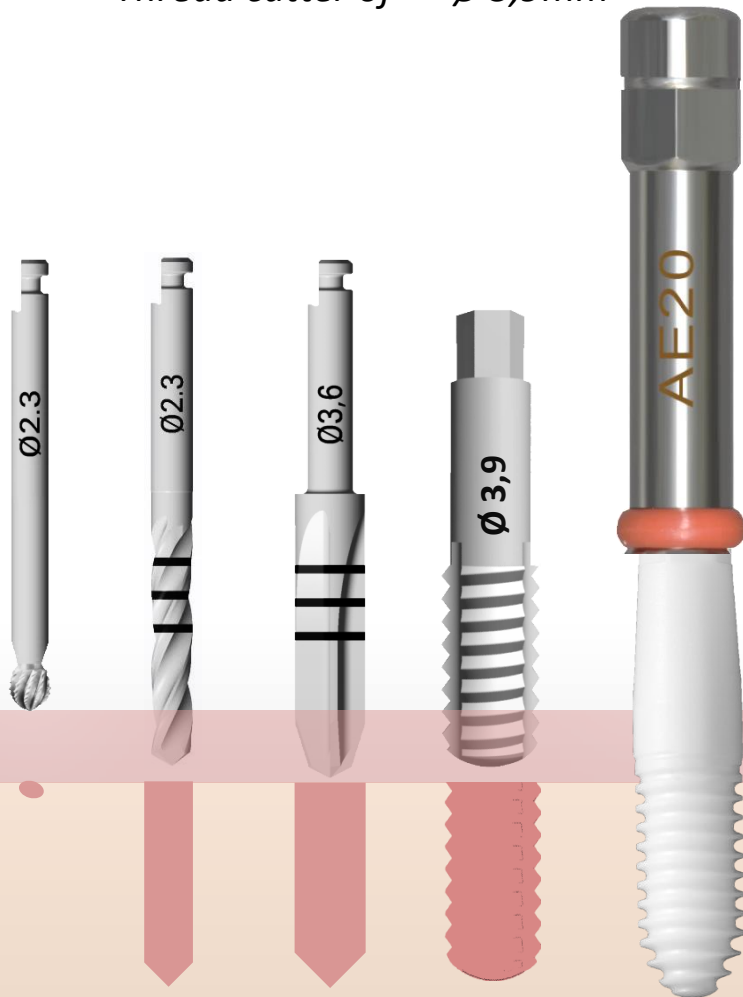
AWI-394010 AWI-394012

Round bur \varnothing 2,3mm

Pilot drill \varnothing 2,3mm

Shaping drill \varnothing 3,6mm

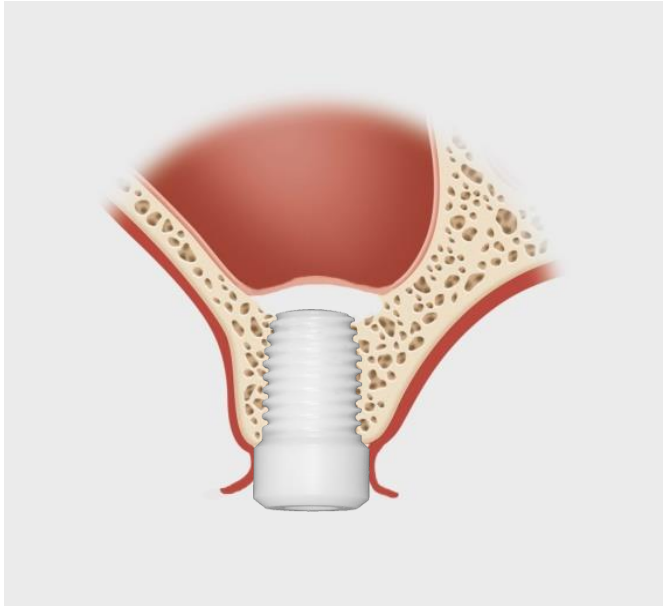
Thread cutter of \varnothing 3,9mm



35N/Cm

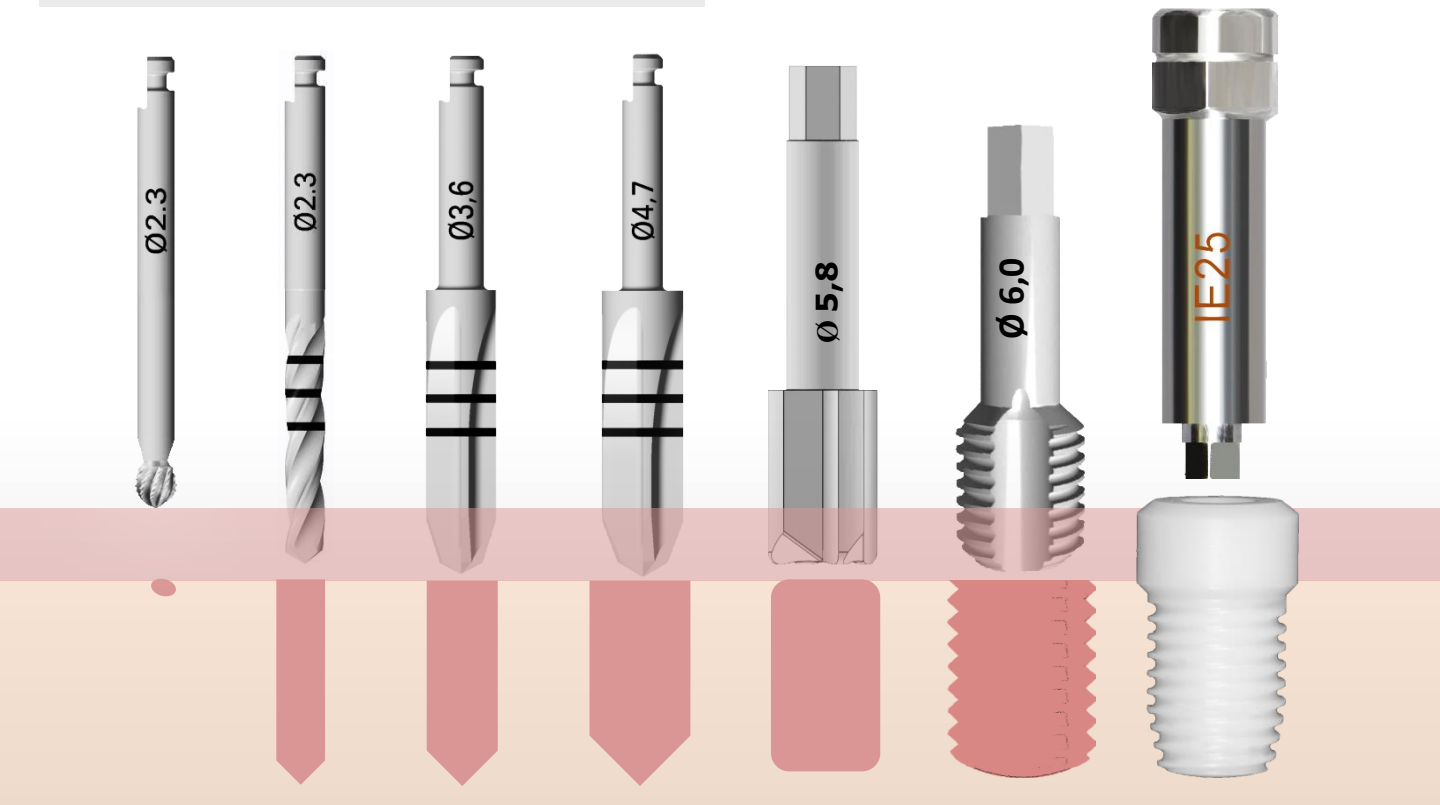


Drilling log Bone types I-II



AWI-6008

Round bur	Ø 2,3mm
Pilot drill	Ø 2,3mm
Shaping drill	Ø 3,6mm
Shaping drill	Ø 4,7mm
Shaping drill	Ø 5,8mm
Thread cutter	Ø 6,0mm

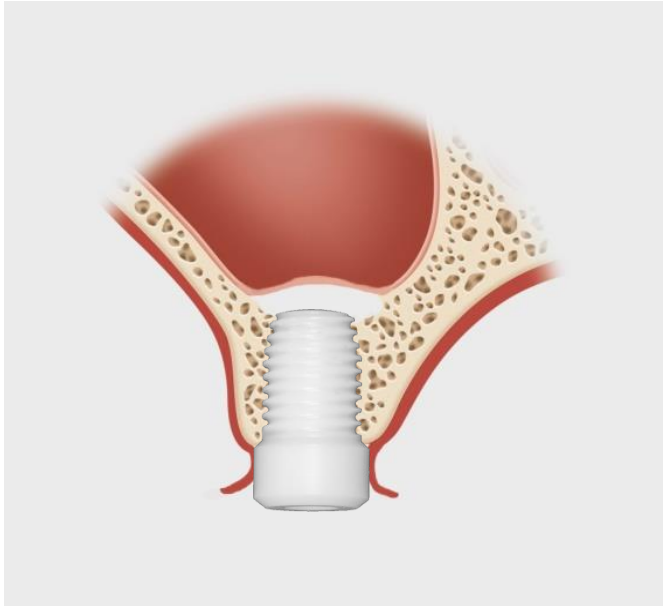


AWI Sinus-lift implant: especially designed for internal sinus lift procedures, mostly recommended for use in Sinus-Area for patients with bone loss. The implant has a self-cutting thread, a convex, and polished tip to avoid a perforation of the Sinus membrane.

35N/Cm

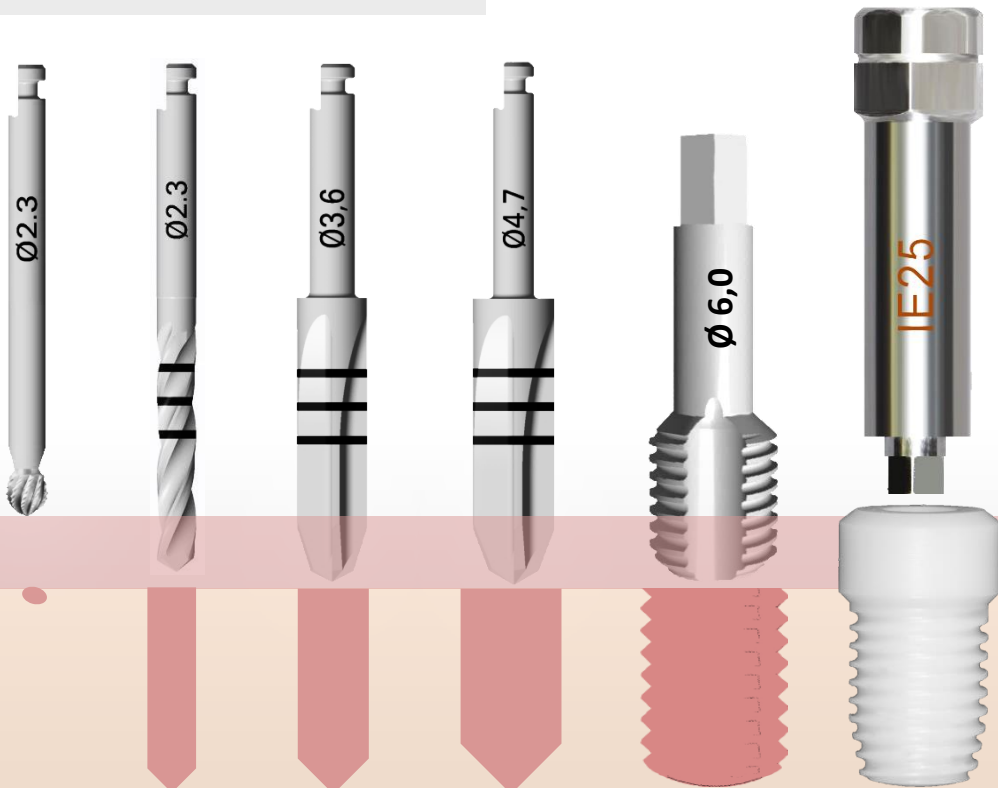


Drilling log Bone types III-IV



AWI-6008

Round bur	Ø 2,3mm
Pilot drill	Ø 2,3mm
Shaping drill	Ø 3,6mm
Shaping drill	Ø 4,7mm
Thread cutter	Ø 6,0mm



AWI Sinus-lift implant: especially designed for internal sinus lift procedures, mostly recommended for use in Sinus-Area for patients with bone loss. The implant has a self-cutting thread, a convex, and polished tip to avoid a perforation of the Sinus membrane.

35N/Cm



AWI Surgical-Tray

The compact AWI sterilization container is suitable for all steam sterilization processes under vacuum at temperatures of 121 °C and 134 °C, as well as for low-temperature sterilization with gas (FO and EO) and H₂O₂ plasma. The sterilization containers are equipped with long-term filters as standard.

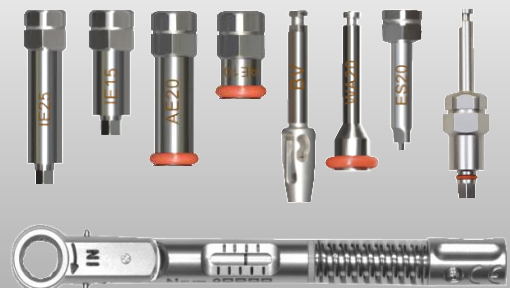
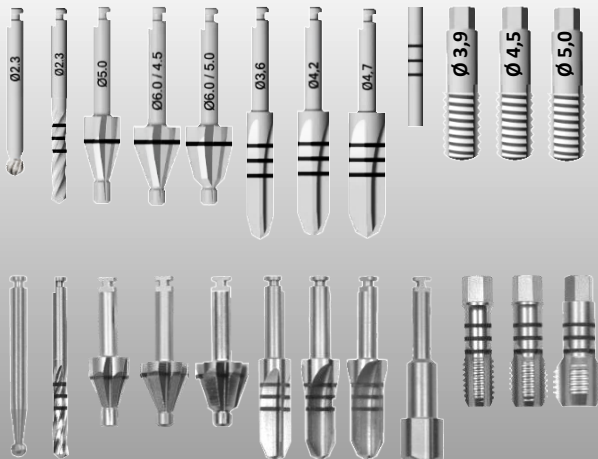
ATZ-Ceramic



Metal



- Cutting performance remains stable for up to 50 uses
- Sterilization at 134°C
- Recommended drilling speed 400 - 800 RPM
- Clearly visible depth markings at 8/10/12 mm.





AUVI

Albus WITAR Implants



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E-Mail: info@witar.de
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