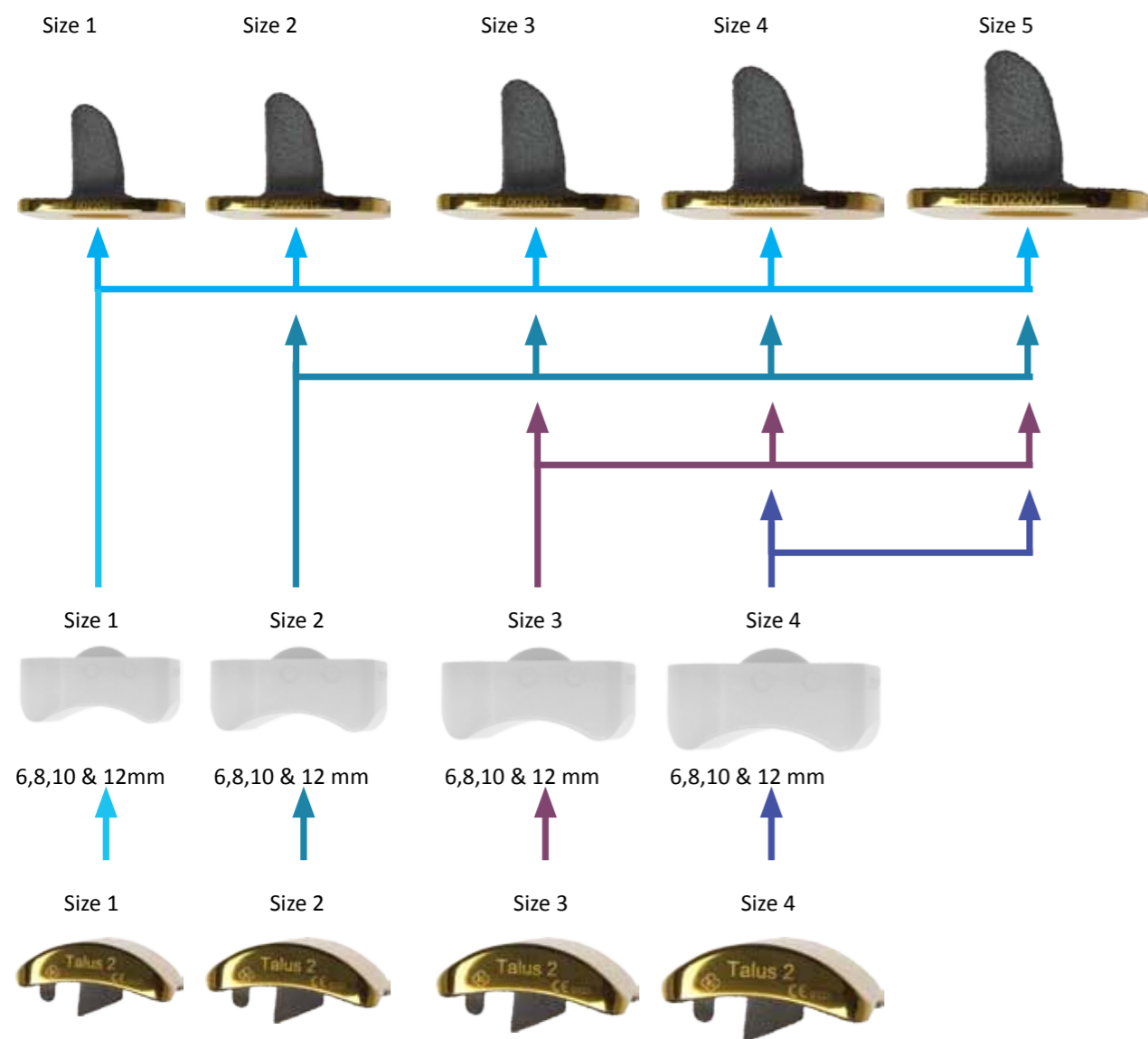


# AAA ANKLE ARTHROPLASTY COMPONENTS



## AAA ankle arthroplasty components ordering information:

	Tibia components	Talar components	PE bearing 6 mm	PE bearing 8 mm	PE bearing 10 mm	PE bearing 12 mm
Size 1	0022-0011	0022-001	0022-106	0022-108	0022-110	0022-112
Size 2	0022-0012	0022-002	0022-206	0022-208	0022-210	0022-212
Size 3	0022-0013	0022-003	0022-306	0022-308	0022-310	0022-312
Size 4	0022-0014	0022-004	0022-406	0022-408	0022-410	0022-314
Size 5	0022-0015	-				



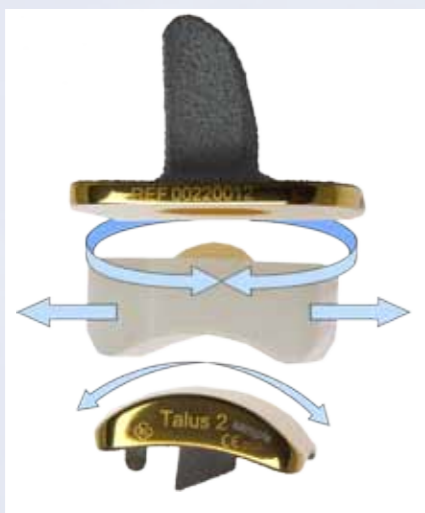
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 your local distributor:  
 Hauptstraße 140  
 A-8301 Laßnitzhöhe  
 Austria  
 Tel.: +43 3133 2527  
 Fax: +43 3133 2527 - 13  
 website: [www.alphaanklearthroplasty.com](http://www.alphaanklearthroplasty.com)

the AAA ankle replacement and instruments are manufactured by implantcast GmbH 21614 Buxtehude Germany



**Triple-A: Alpha Ankle Arthroplasty**

- Surgical alignment with the full leg axis.
- Semi-constrained design.
- Minimal resection by precise, spherical **milling** of the talus
- Full stability in extension by congruency between tibia and polyethylene bearing.
- Rotation between tibia and bearing.
- Dorsiflexion and plantarflexion between bearing and talar component with increased lateral stability.



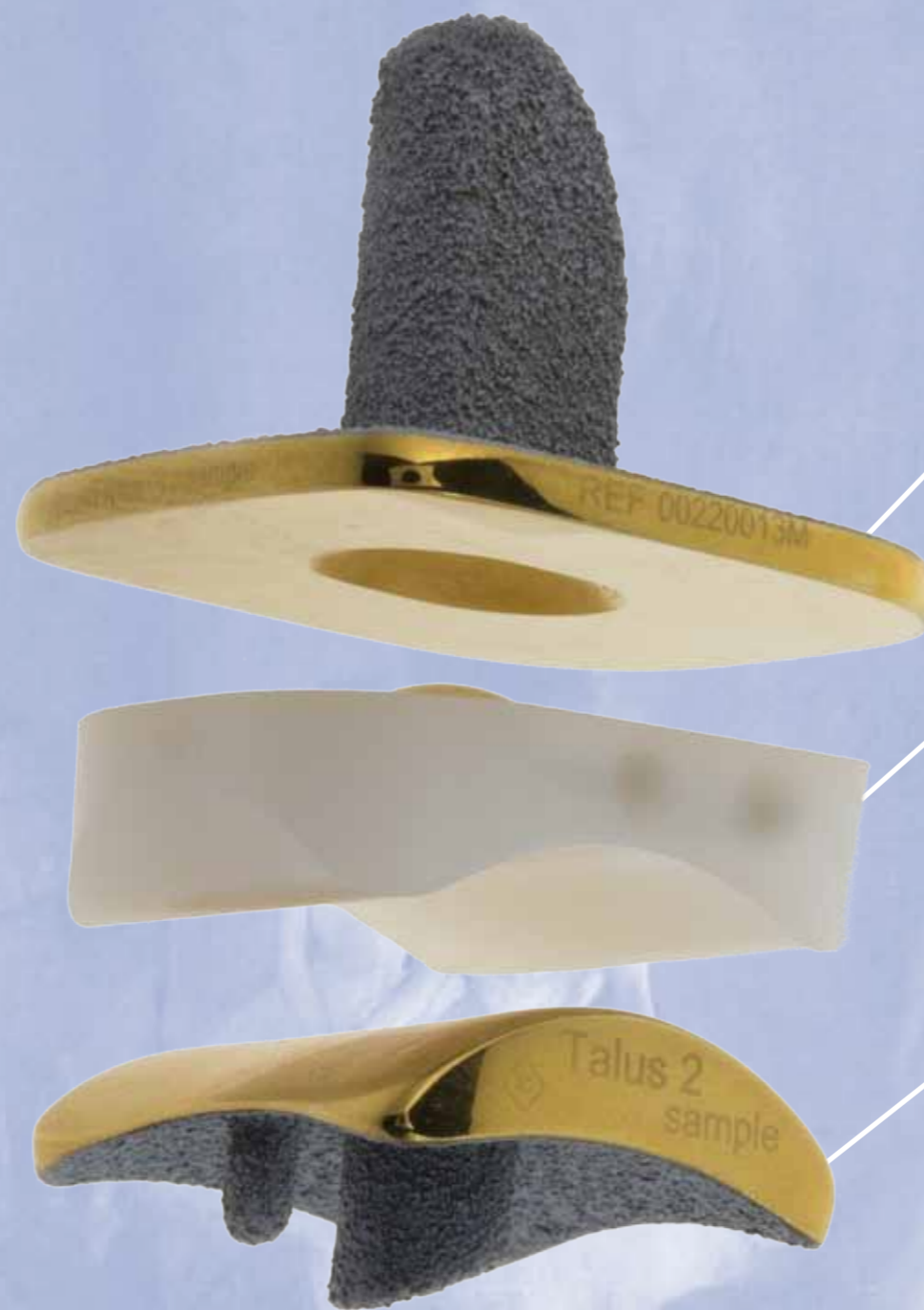
**The Triple-A ankle replacement allows for:**

- Dorsiflexion 15°
- Plantarflexion 20°
- Unlimited axial rotation



**The Triple-A ankle was designed by :**

Univ.Doz.Dr. Ernst Orthner  
 Univ.Prof.Dr. Michael Fellingner  
 Prim.Dr. Robert Siorpaes  
 Alphamed Medizintechnik Fischer GmbH



**Triple-A tibial components**

- Longitudinal oval depression provides semi-constrained rotation between tibial component and bearing .
- Stem provides maximal bone contact and rotational stability.
- 5 Sizes.

**Triple-A polyethylen bearings**

- reduced risk of dislocation by semi-constrained design.
- semi-constrained AP-movements.
- semi-constrained rotational movement.
- highly congruent to the metal counter parts.
- 4 Sizes each with 4 heights (6, 8, 10, 12 mm).

**Triple-A talar components**

- anatomical design.
- high initial stability through optimal press-fit.
- spherical contact to the milled talar bone.
- central pegs for optimal fixation and rotational stability.
- minimal bone resection (resurfacing).
- 4 Sizes.

**TiN surface modification**

- Increased surface hardness (2.800 HV).
- Higher scratch resistance.
- Reduced coefficient of friction.
- Better wettability.
- Reduced polyethylene wear.
- Higher protection against corrosion.
- Reduced metal ions in the blood.
- Better biocompatibility.



**Patented Design**

The Triple-A ankle implant is protected by international patents

**Patent of the year 2011**

The Triple-A ankle implant was awarded with the "Patent of the Year 2011" award.

