


Implant-Range:

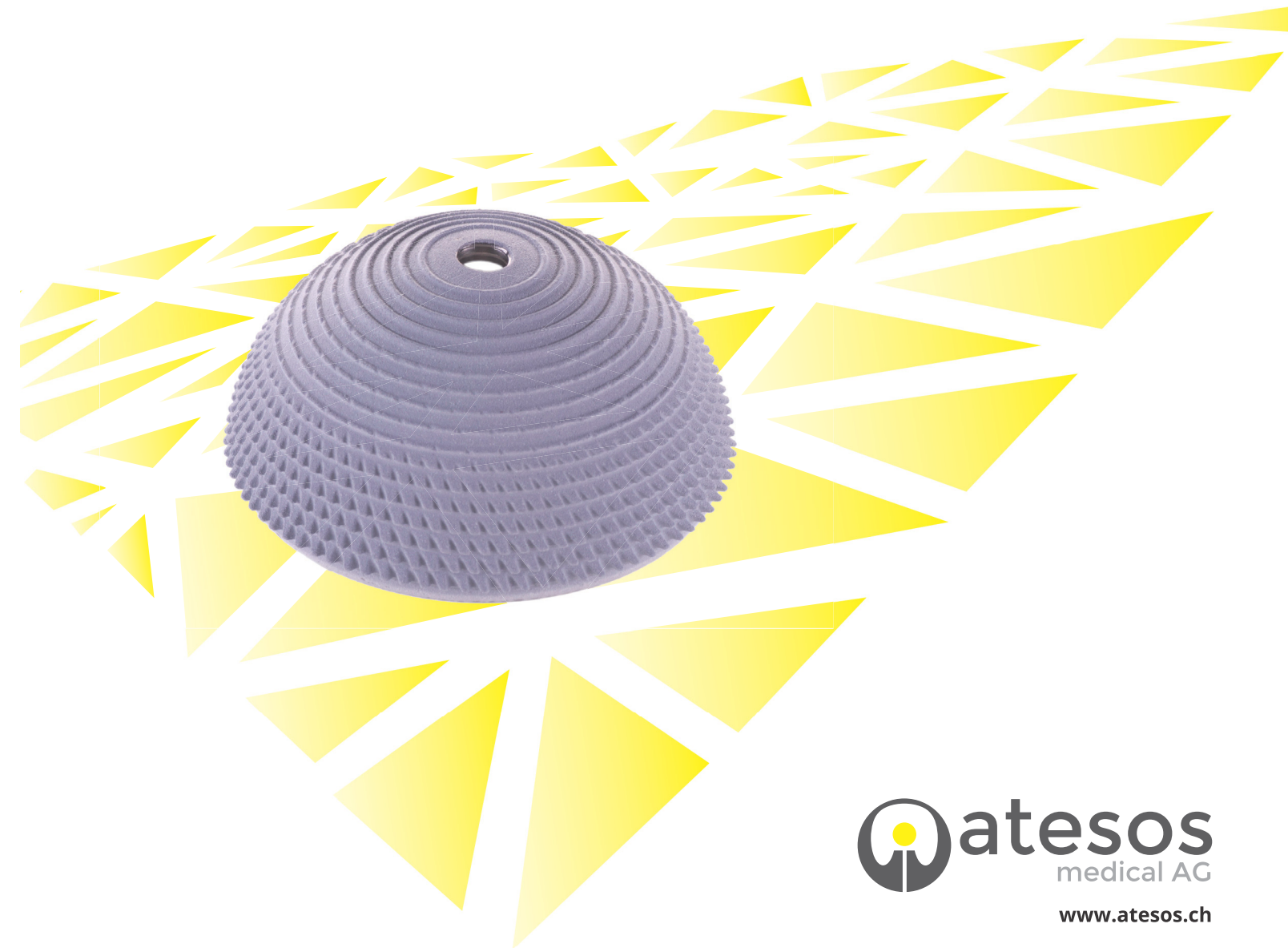
| Hip Cup Press Fit | Fixation shell with pole screw | | Insert Pe | Insert Pe hooded | Insert Pe x-linked | | Insert Pe x-linked hooded | Insert Ceramic | |
|---|--------------------------------|--|-----------------|------------------|--------------------|-----------------|---------------------------|----------------------------|----------------------------|
| | Size | Ref. Single Phase / Dual Phase Coating | Head-ø Ref. | Head-ø Ref. | Head-ø Ref. | | Head-ø Ref. | Head-ø Ref. | |
|  | 42/D | 321021 / 321061 | 28 mm 331001 | 28 mm 331006 | 28 mm 332001 | | 28 mm 332006 | 28 mm 38.49.7188.515.20 | |
| | 44/D | 321022 / 321062 | | | 28 mm 332002 | | 32 mm 332007 | 32 mm 38.49.7188.525.20 | |
| | 46/E | 321023 / 321063 | 28 mm 331002 | 28 mm 331007 | 32 mm 332002 | | 32 mm 332007 | 32 mm 38.49.7188.525.20 | |
| | 48/E | 321024 / 321064 | | | 32 mm 332002 | | 32 mm 332007 | 32 mm 38.49.7188.525.20 | |
| | 50/F | 321025 / 321065 | 32 mm 331003 | 32 mm 331008 | 32 mm 332011 | 36 mm 332003 | 36 mm 332008 | 36 mm 38.49.7188.545.20 | |
| | 52/F | 321026 / 321066 | | | 32 mm 332012 | | 36 mm 332004 | 36 mm 332009 | 36 mm 38.49.7188.555.20 |
| | 54/G | 321027 / 321067 | 32 mm 331004 | 32 mm 331009 | 32 mm 332012 | | 36 mm 332004 | 36 mm 332009 | 36 mm 38.49.7188.555.20 |
| | 56/G | 321028 / 321068 | | | 32 mm 332013 | | 36 mm 332005 | 36 mm 332010 | 36 mm 38.49.7188.565.20 |
| | 58/H | 321029 / 321069 | 32 mm 331005 | 32 mm 331010 | 32 mm 332013 | | 36 mm 332005 | 36 mm 332010 | 36 mm 38.49.7188.565.20 |
| | 60/H | 321030 / 321070 | | | 32 mm 332013 | | 36 mm 332005 | 36 mm 332010 | 36 mm 38.49.7188.565.20 |
| | 62/H | 321031 / 321071 | | | 32 mm 332013 | | 36 mm 332005 | 36 mm 332010 | 36 mm 38.49.7188.565.20 |

Literature:

1. Zenz P; Stiehl JB; Knechtel H; Titzer-Hochmaier G; Schwagerl W Ten-year follow-up of the non-porous Allofit cementless acetabular component. The Journal of bone and joint surgery. British volume; VOL:91 (11); p.1443-7 /200911/
2. P. Becker, B. Nebe, F. Lüthen, J. Rychly, H.-G- Neumann Cellular investigations on electrochemically deposited CaP-Composite. From the 18th European Conference on Biomaterials October 1-4, 2003, Stuttgart, Germany
3. P. Becker, B. Nebe, F. Lüthen, J. Rychly, H.-G- Neumann, P. Zeggel: Resorbable calcium phosphate composite coatings. Key Engineering Materials Vols. 218-220 (2002) pp. 653-656

Pyramid Hip Cup

Cementless / Primary

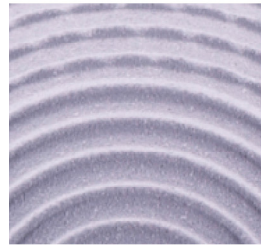
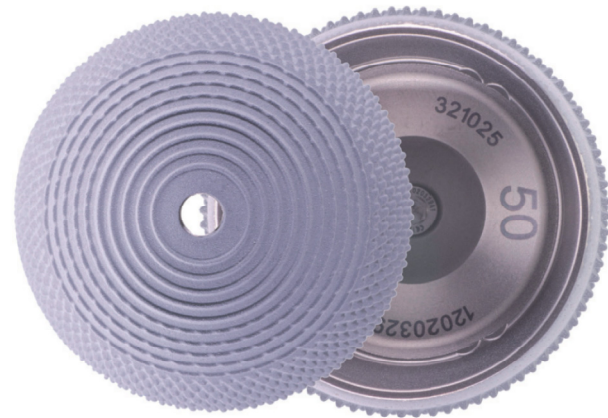


Dual Phase Coating

Increased Roughness: 20 - 30µm

Single Phase Coating

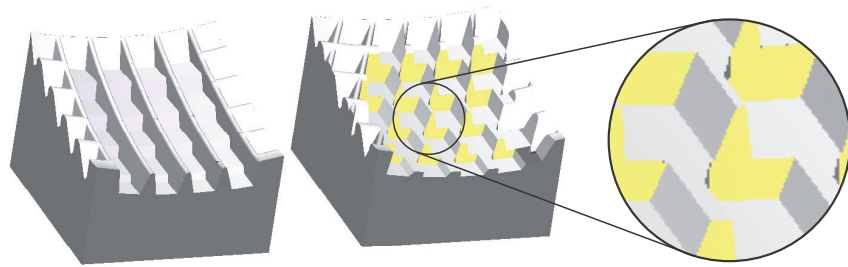
Standard Roughness: 6 - 8µm



The Pyramid Press-Fit Hip Cup has due to the unidirectional macro

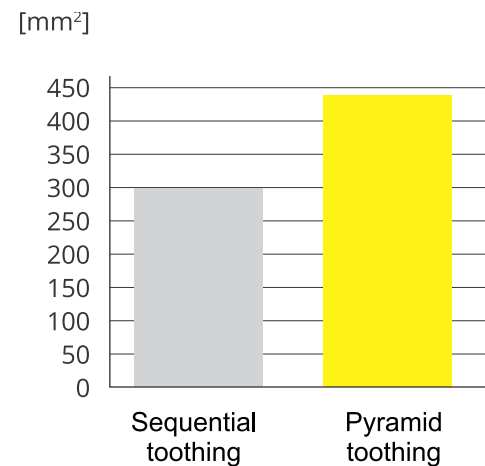
Macro Structure & 1.5mm Press Fit

Unidirectional Pyramids with macro structure* for a higher effective anchorage surface for the primary stability in the pressfit area



* Patent pending

Effective anchorage-surface for Primary Fixation in the Press-Fit Area



Concept

Large ball heads at small cups
Small seating forces with high stability
Simple instruments

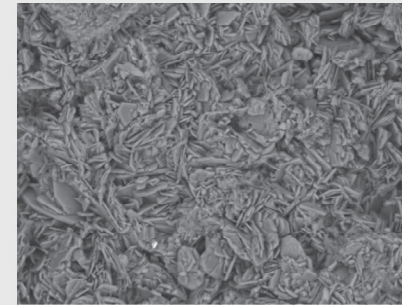


Advantages:

Suitable for active patients
Enables early rehabilitation
Simple use

Material:
» Ti6Al4V (ISO 5832-3)

Coating:
» 200µm Ti-VPS
» 20µm CaP (acts only during osseointegration)



Pyramid
Pyramid Shell LOT 12020329A1
A D6.0 x1.0k 100 µm

Assortment:

» 42 - 62mm
incl. hooded versions

X-link Polyethylene & Large head articulation:

» 46mm Cup » 32mm head
» 50mm Cup » 36mm head

Articulations & Tribology:

» Polyethylene
» x-link Polyethylene
» Ceramic direct anchorage

Pole screw:

» hermetically sealed

Surface:

» Ti-VPS for increased primary and secondary stability and CaP for accelerated osseointegration

- structure a good seating and an excellent primary stability.

Articulations & Tribology

Large ball heads at small cups (e.g. ø36 at size 50) for high resistance to luxating.
Alternatively there are available ceramic, Pe or x-link Pe inserts

