

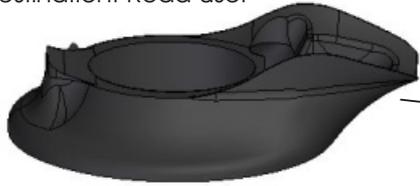
HyperICR

Peek-Ceramic bearing cartridges, angular contact and 2rs sealed, durable and not rustable. Internal 3D cnc Delrin spider fits several positions of cable-pass.

Fits standard tapered forks 1-1/8 top 1-1/2 bottom

Fits Upper/Lower frame head tube bore: Ø52mm

Destination: Road use.



Stem base or your frame specific headset cover



1.5mm Use **Spacers** to adjust cover height at 1mm flush with the frame
3mm



Upper Cone
cut toward rear side



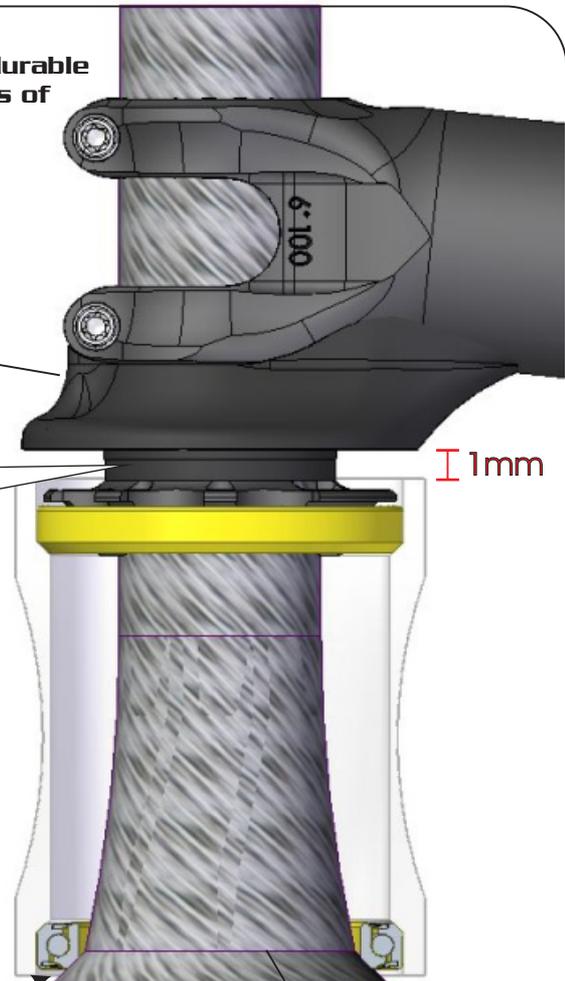
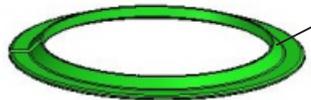
TOP Bearing
Internal chamfer upward



BOTTOM Bearing
Internal chamfer downward



Lower Cone (optional)
Use it only on forks not provided of built-in cone



Built in fork cone

1. INSTALLATION

- 1) Seat Bottom bearing (Marked as **BOTTOM**) onto the built in fork cone. Use optional Lower Cone on forks not provided of lower cone.
- 2) Slide fork steer tube into head tube.
- 3) Seat Top bearing (Marked as **TOP**) into the frame upper bore.
- 4) Install Upper Cone onto the steer tube and into the Top Bearing. Position Upper Cone cut towards the rear side of the bicycle.
- 5) Install all spacers, headset cover / stem base and stem.
- 6) Manually hold fork and push stem to compress the whole assembly. Check and adjust spacers to achieve a 1 mm gap between stame base/ headset cover and frame.
- 7) Mark a line on steer tube flush at the stem top.
- 8) Remove fork and cut steer tube 3mm below line marking. Remove all sharp edges from inside and outside the tube.
- 9) Reassemble all headsets parts, now pass cables through cable passages.



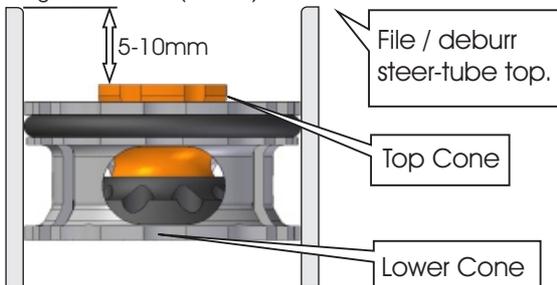
ULTRASTAR INSTALLATION:

If you have chosen UltraStar / HyperCap option proceed as follows before point 11

Degrease well internal surface of steer-tube an sand paper with 250-400 grit. Hold lower cone with your fingers.

Use 8mm allen key to screw in top cone until you can fully insert UltraStar into the steer tube with mild hand pressure.

Insert and tighten UltraStar (7-8Nm) in the steer tube at 5 to 10mm from the top.



10) Insert the spacers you found to be correct, insert stame base/ headset cover and stem.

11) Install Top Cap and carefully adjust bearing preload (Never exceed 3Nm). When properly adjusted the headset will rotate smoothly without play nor stiction.

12) Tighten stem as reccommended by manufacturer.

Re-execute the operation 11-12 after first few rides and any time you loose stem bolts.