



Logical Cup

Logical Cup

Launched in 2010

Supplied over 10,000
worldwide

FDA approved

CE marked

3A* ODEP rated



Logical Cup features

Polyethylene Liner

Proven geometry, material (UHMWPE)

Base resin: GUR1020

Stock Forming: Compression moulded

Cross Linking: Gamma irradiation at 7.5 MRads

Thermal Stabilisation: Remelting

Sterilisation: ETO

Available in neutral, 10°hooded, 20° Hooded
constrained 4mm lateralised variations



Logical Cup features

Acetabular Cup

Clinically proven geometry

Material (Ti6Al4V) and porous coating

Available in 3-Hole, multi-hole
and no hole options



Logical Cup features

Sintered Titanium Coating(G-Series)

Tensile Strength $>35\text{MPa}$

Shear Strength $>25\text{MPa}$

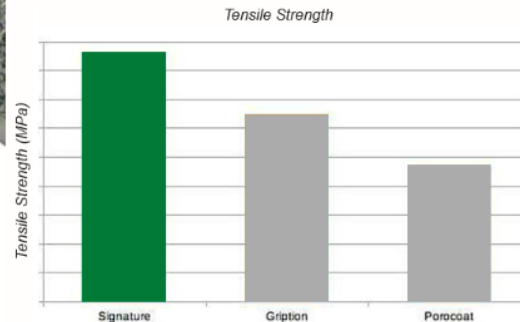
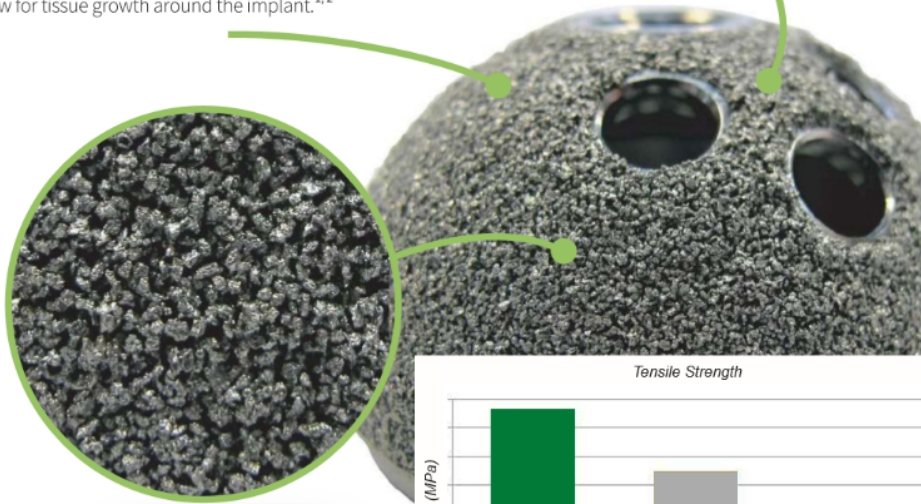
Porosity 45-65% and pore size
100-300 microns



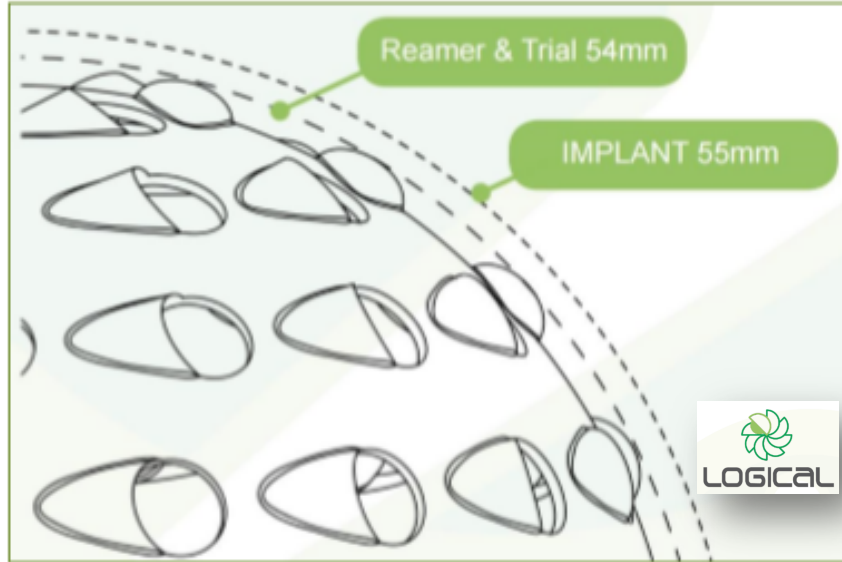
Logical cup coatings

The **Logical G-Series** Coating has an average pore size of 100-330 μ m which is considered in literature to be within the optimal pore range of 40 to 500 μ m to allow for tissue growth around the implant.^{1,2}

1.3x stronger tensile strength than Gription coating



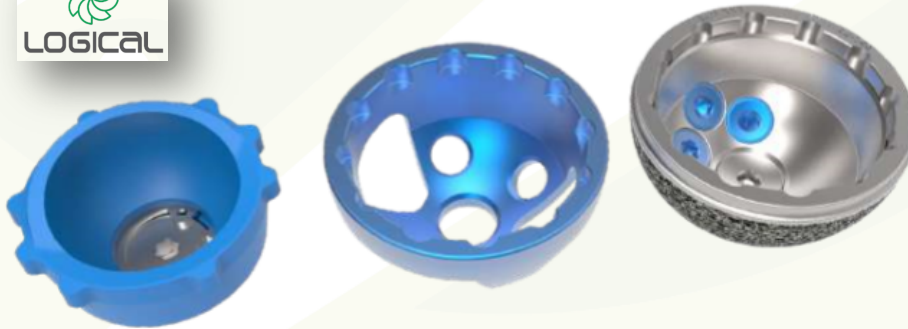
Acetabular preparation



Ream line to line.







Implant oversized by 1mm due to coating

Acetabular preparation



Colour coded trial acetabular cups match with
colour coded trial liners and packaging labels
for ease of identification

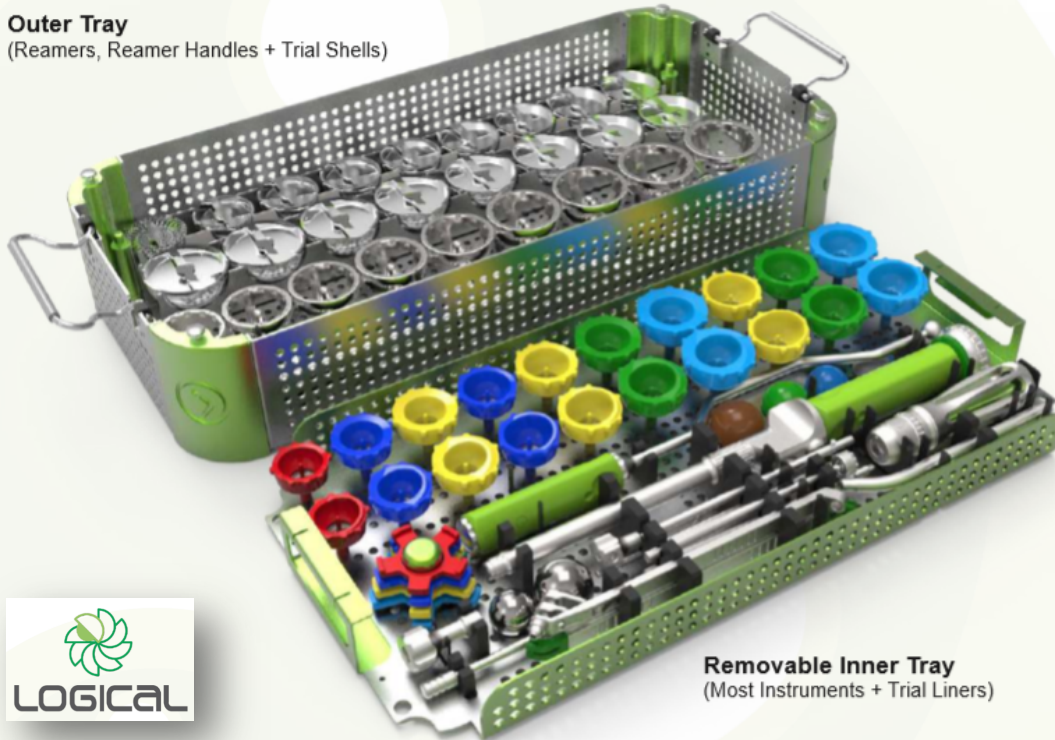
Sizing table

	28	32	36	40
<div>111-12-2344 44</div> <div>111-12-2346 46</div> <div></div> <div>A</div> <div>Neutral-111-12-5844</div> <div>Hooded-111-12-4844</div> <div>111-12-4844</div> <div>Ceramic-111-22-1002</div> <div>Constrained-111-12-4211</div> <div>Lateralised-111-12-7844</div> <div>111-12-4844</div> <div>111-12-4844</div>	<div>Neutral-111-12-5858</div> <div>Hooded-111-12-4858</div> <div>111-12-4858</div> <div>Ceramic-111-22-1003</div> <div>Lateralised-111-12-7858</div> <div>111-12-4858</div> <div>111-12-4858</div>	<div>Neutral-111-12-5258</div> <div>Hooded-111-12-4258</div> <div>111-12-4258</div> <div>Ceramic-111-22-1005</div> <div>Constrained-111-12-4212</div> <div>Lateralised-111-12-7258</div> <div>111-12-4258</div> <div>111-12-4258</div>		
<div>111-12-2348 48</div> <div>111-12-2350 50</div> <div></div> <div>B</div> <div>Neutral-111-12-5852</div> <div>Hooded-111-12-4852</div> <div>111-12-4852</div> <div>Ceramic-111-22-1004</div> <div>Lateralised-111-12-7852</div> <div>111-12-4852</div> <div>111-12-4852</div>	<div>Neutral-111-12-5252</div> <div>Hooded-111-12-4252</div> <div>111-12-4252</div> <div>Ceramic-111-22-1006</div> <div>Lateralised-111-12-7252</div> <div>111-12-4252</div> <div>111-12-4252</div>	<div>Neutral-111-12-5452</div> <div>Hooded-111-12-4452</div> <div>111-12-4452</div> <div>Ceramic-111-22-1008</div> <div>Constrained-111-12-4213</div> <div>Lateralised-111-12-7452</div> <div>111-12-4452</div> <div>111-12-4452</div>		
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<div>111-12-2365 54</div> <div></div> <div>S</div> <div>Neutral-111-12-5457</div>				

Simple instrumentation

Outer Tray

(Reamers, Reamer Handles + Trial Shells)



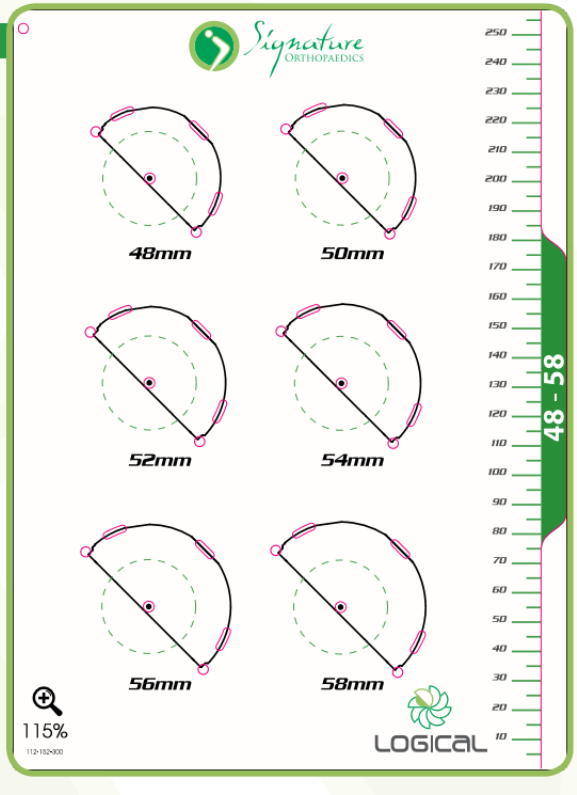
Removable Inner Tray

(Most Instruments + Trial Liners)

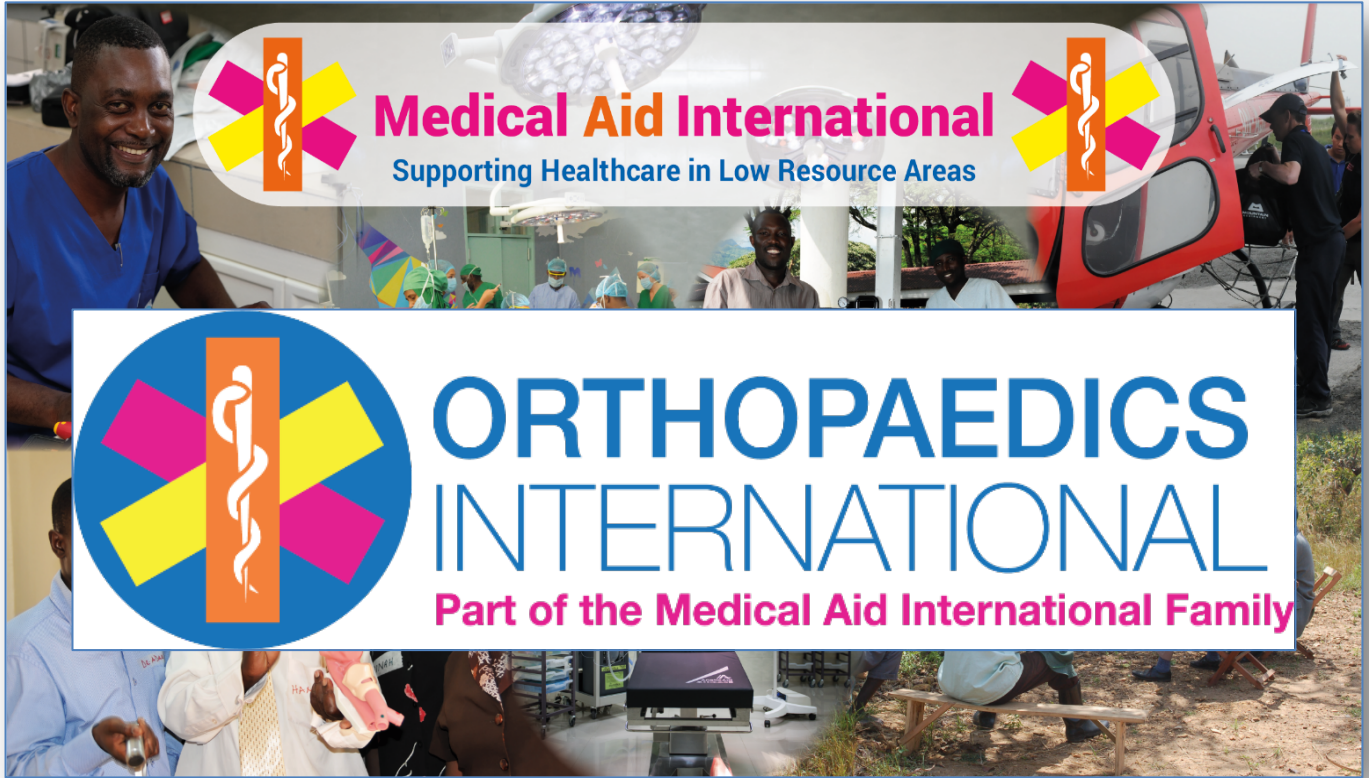
Preoperative templates



Logical Templates


112-152-304	38-46mm
112-152-300	48-58mm
112-152-301	60-70mm



Thank you



 **Medical Aid International**
Supporting Healthcare in Low Resource Areas 

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INTERNATIONAL**
Part of the Medical Aid International Family