

# Bencox<sup>®</sup> Mirabo Cup System

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## Ordering Information

### Bencox Mirabo Cup

Part No.	Description
H1.A11.1046	46mm(B)
H1.A11.1048	48mm(C)
H1.A11.1050	50mm(C)
H1.A11.1052	52mm(D)
H1.A11.1054	54mm(D)
H1.A11.2056	56mm(E)
H1.A11.1058	58mm(E)
H1.A11.1060	60mm(E)
H1.A11.1062	62mm(E)
H1.A11.1064	64mm(F)
H1.A11.1066	66mm(F)
H1.A11.1068	68mm(F)
H1.A11.1070	70mm(G)*
H1.A11.1072	72mm(G)*
H1.A11.1074	74mm(G)*

### Bencox Mirabo PE Liner

Part No.	Part No.		Description
	Standard	15° Elevated	
H1.L61.2837	H1.L66.2837	28mm(B)	
H1.L61.2839	H1.L66.2839	28mm(C)	
H1.L61.3244	H1.L66.3244	32mm(D)	
H1.L61.3248	H1.L66.3248	32mm(E)	
H1.L61.3644	H1.L66.3644	36mm(D)	
H1.L61.3648	H1.L66.3648	36mm(E)	
H1.L61.3652	H1.L66.3652	36mm(F)	
H1.L61.4048	H1.L66.4048	40mm(E)	
H1.L61.4052	H1.L66.4052	40mm(F)	
H1.L61.4062	H1.L66.4062	40mm(G)*	

### Bencox Metal Head (Standard Type)

Part No.	Description
01.02.405	Metal Head 28mm/S(-3.5)
01.02.410	Metal Head 28mm/M(0)
01.02.415	Metal Head 28mm/L(+3.5)
01.02.418	Metal Head 28mm/XL(+7)
01.02.420	Metal Head 32mm/S(-3.5)
01.02.425	Metal Head 32mm/M(0)
01.02.430	Metal Head 32mm/L(+3.5)
01.02.433	Metal Head 32mm/XL(+7)
01.02.440	Metal Head 36mm/S(-3.5)
01.02.445	Metal Head 36mm/M(0)
01.02.450	Metal Head 36mm/L(+3.5)
01.02.452	Metal Head 36mm/XL(+7)
01.02.454	Metal Head 36mm/XXL(+10.5)*
01.02.460	Metal Head 40mm/S(-3.5)
01.02.465	Metal Head 40mm/M(0)
01.02.470	Metal Head 40mm/L(+3.5)
01.02.472	Metal Head 40mm/XL(+7)
01.02.474	Metal Head 40mm/XXL(+10.5)*

### (Standard Type)

Part No.	Description
01.02.417	Metal Head 28mm/XL(+7)
01.02.419	Metal Head 28mm/XXL(+10.5)*
01.02.432	Metal Head 32mm/XL(+7)
01.02.434	Metal Head 32mm/XXL(+10.5)*

\* Not approved yet

**Corentec Headquarter** 12, Yeongsanhong 1-gil, Ipjang-myeon, Sebuk-gu, Cehonan-si, Chungcheongnam-do, Korea 31056  
Tel : 82-41-585-7114 Fax : 82-41-585-7113

**Corentec America** 60 Washington Street, Suit 202, Morristown, NJ 07960, USA Tel : 1-862-777-8320 Fax : 1-862-777-8319

[www.corentec.com](http://www.corentec.com)  
CRSC-0100-M10(USA01)



# Bencox<sup>®</sup> Mirabo Cup

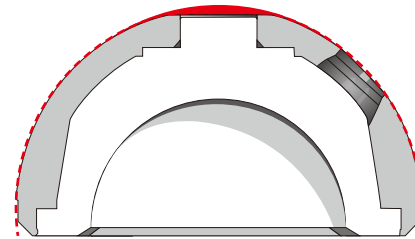
## Clinically Proven Ti-Plasma Spray Coating

Rough surface provides great initial fixation. Microporous pure titanium coating with more than 30% porosity leads to direct bone apposition.



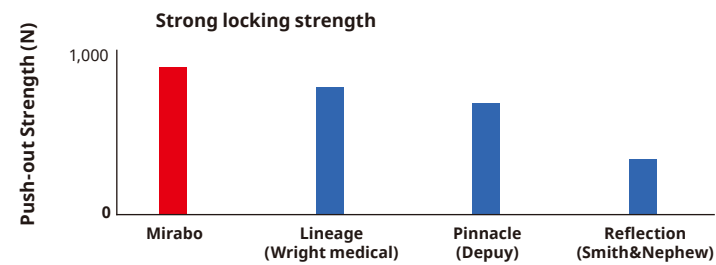
## Load Share Geometry

Mirabo Cup geometry establishes physiological load transfer throughout the periphery of the cup.



## Secure Locking Mechanism

Patented locking mechanism allows for secure fixation with superior congruency for push-out, rotation and tilting.



· Data available at Corentec



12 anti-rotational tabs  
\* Patent no. : 9144497

## Mirabo Cup – Mirabo PE Liner Combination

Cup(mm)	46(B)	48(C)	50(C)	52(D)	54(D)	56(E)	58(E)	60(E)	62(E)	64(F)	66(F)	68(F)
PE Liner (mm)	28(B)	28(C)		32(D) 36(D)			32(E) 36(E) 40(E)				36(F) 40(F)	

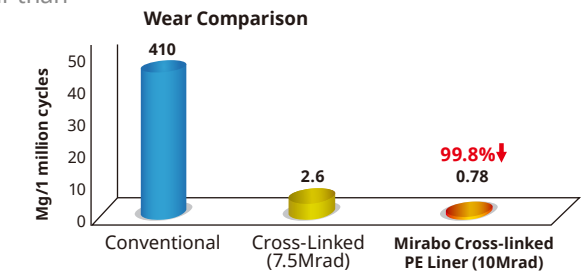
# Bencox<sup>®</sup> Mirabo PE Liner

Standard and elevated options are available.



## Enhanced Wear Characteristics

In-vitro tests showed that Mirabo PE liner exhibited 99.8% less wear than conventional PE liners.



· Data available at Corentec

## Manufacture Process for Mirabo Cross-Linked PE

- Compression molded UHMWPE(GUR 1050) rods are used.
- Gamma irradiated at 10Mrad at room temperature to facilitate cross-linking.
- After irradiation, the rods are heated above the melting point to eliminate residual free radicals and form additional cross-links.
- PE liners are machined, cleaned, packaged, and EtO sterilized.

