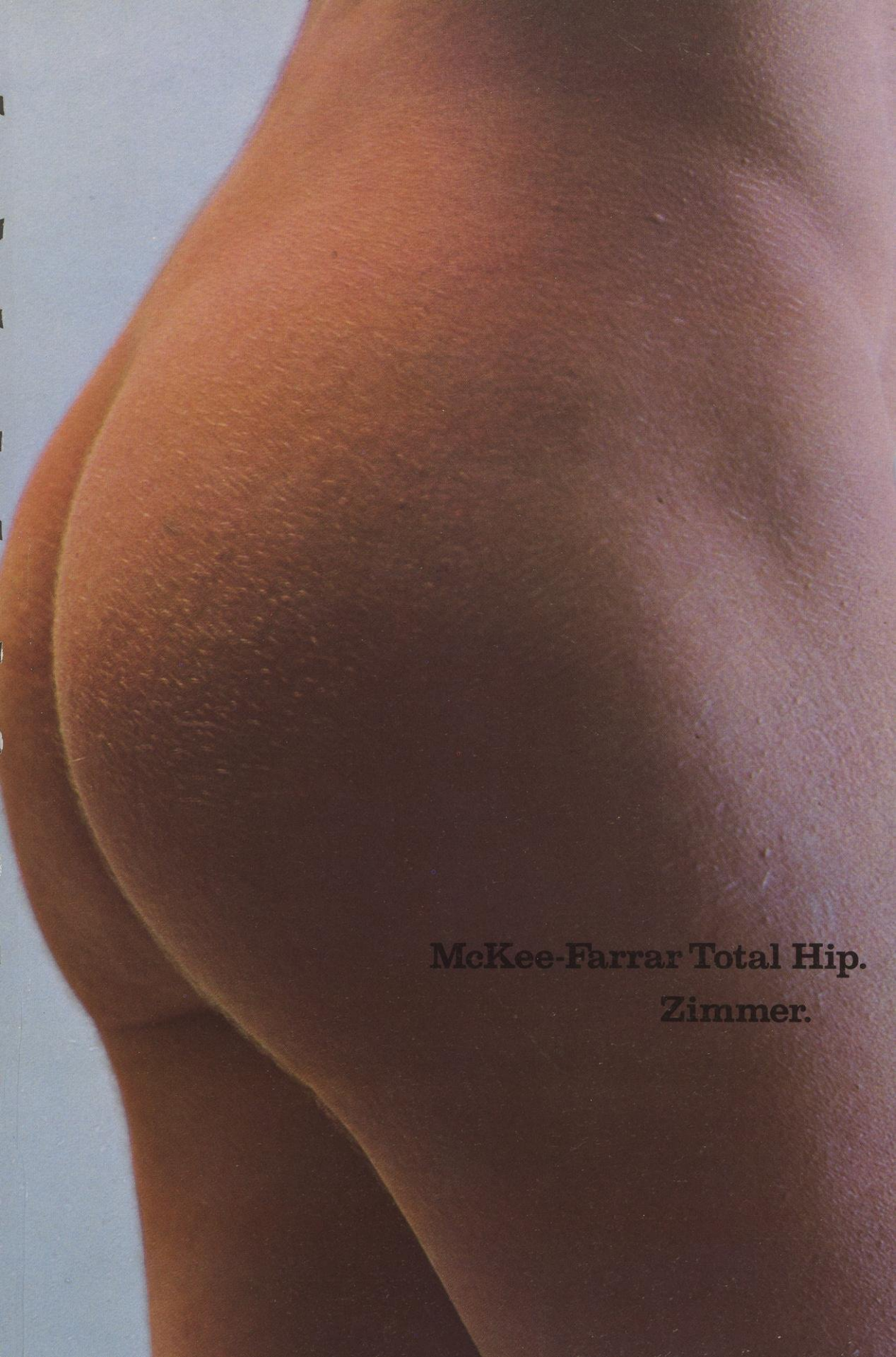
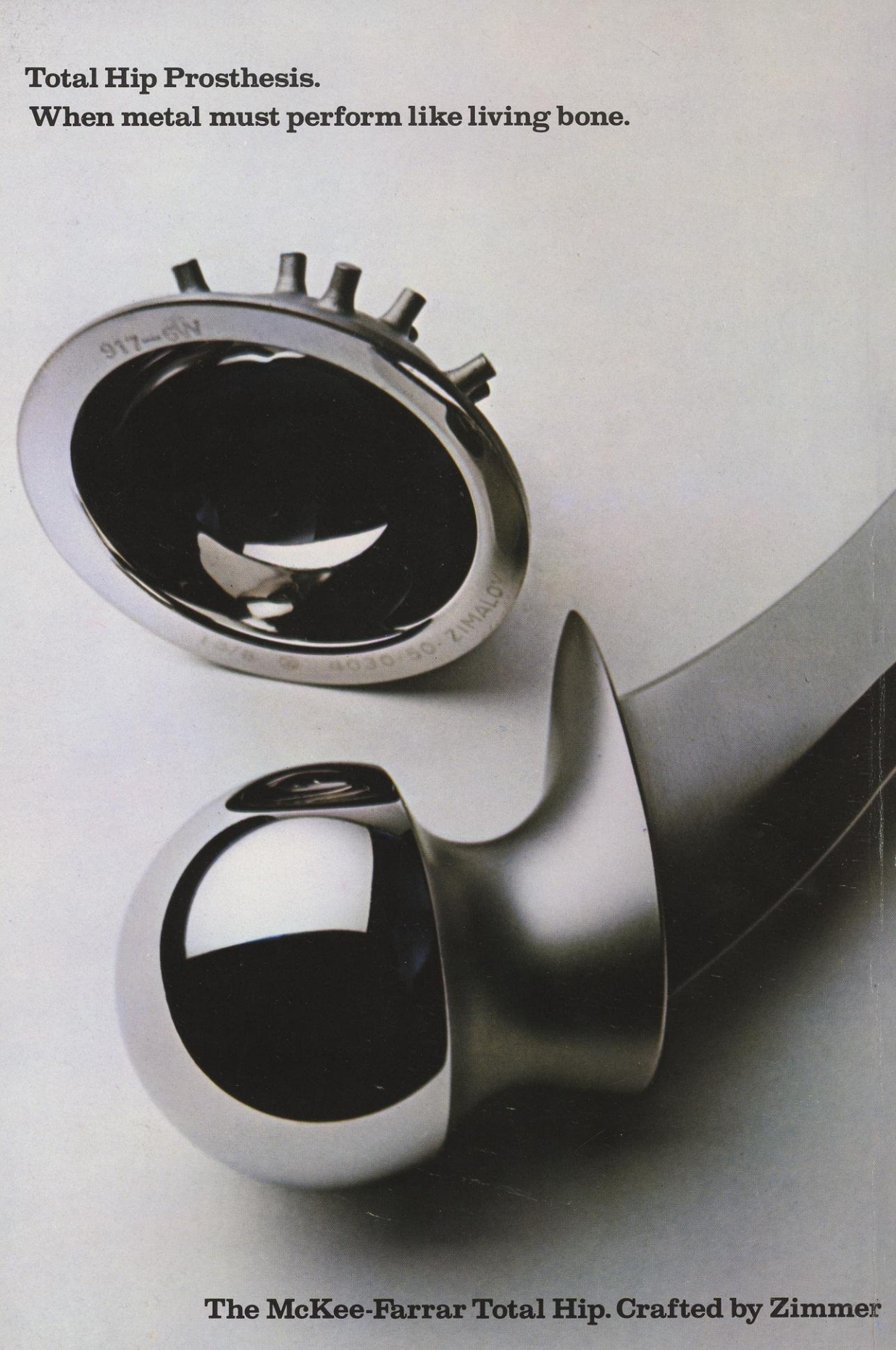
Zimmer advertisement.

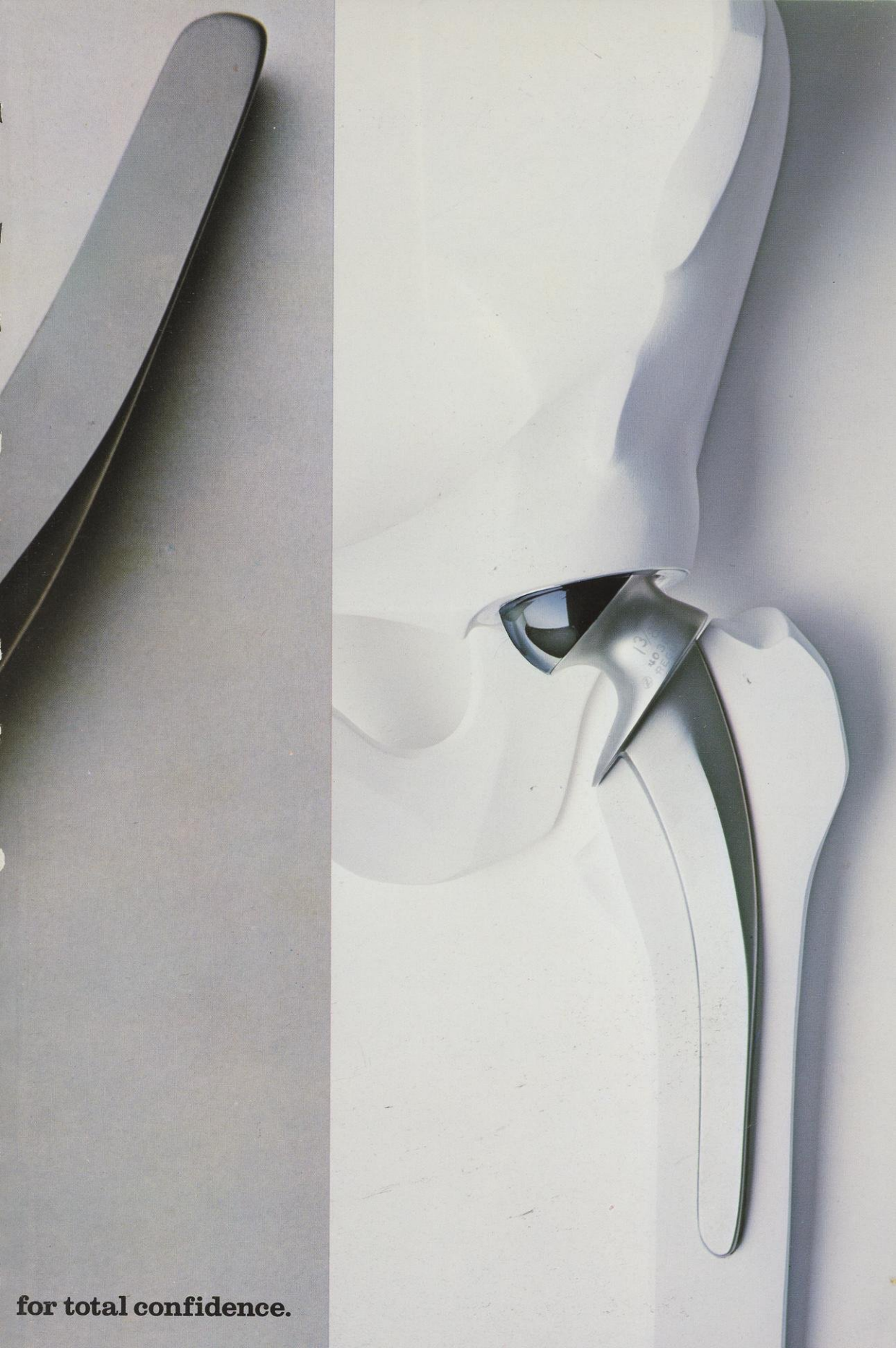
[s.l.]: [s.n.], 1966


McKee-Farrar Total Hip.
Zimmer.

Total Hip Prosthesis.
When metal must perform like living bone.



The McKee-Farrar Total Hip. Crafted by Zimmer

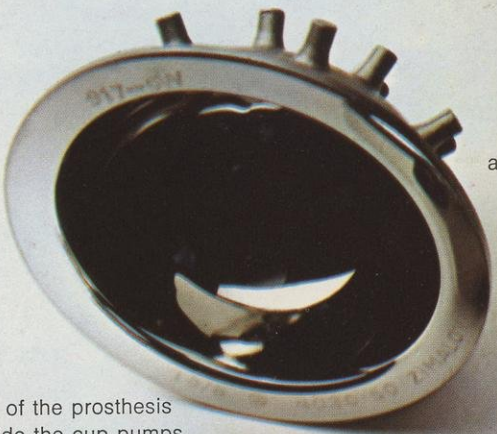


for total confidence.

Exclusive Zimmer design greatly reduces wear on ball and socket.

The Zimmer McKee-Farrar Total Hip is designed to be used with (methyl methacrylate) bone cement. The spiked acetabular cup is held in place by the guide while the cement hardens.

The McKee-Farrar type total hip is one of the most widely used appliances in the orthopaedic field. And the Zimmer version is totally unique. The Zimmer design encourages natural lubrication of the contact area between the ball and the socket. And the Zimmer design insures a large contact area which reduces the load per unit area on the total hip.



Movement of the prosthesis ball inside the cup pumps natural body fluids into the small pocket at the top of the cup, providing lubrication from both sides of the contact band.

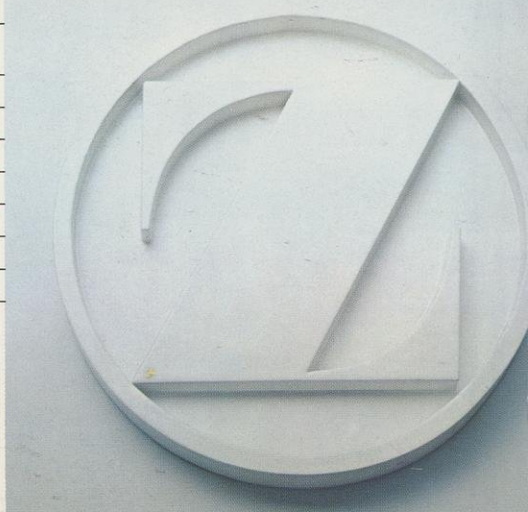
The head of the prosthesis is machined in a spherical shape. The acetabular cup is machined in a parabolic type shape. This design assures the user of an exacting contact area. And if wear occurs, the contact area is enlarged, reducing the unit surface loading and reducing wear.

McKee-Farrar Total Hip in Zimaloy.

Catalog Number	Prosthesis Style	Head Size	Stem Length	Neck Style	Cup Outside Dia.
4030-01	Thompson	1⅜″	5 5/16″	Regular	1 13/16″
4030-02	Thompson	1⅜″	5 5/16″	Long	1 13/16″
4030-03	Thompson	1⅝″	5 5/16″	Regular	2 1/16″
4030-04	Moore-Solid Stem	1⅜″	5″		1 13/16″
4030-05	Moore-Solid Stem	1⅝″	5″		2 1/16″

Instrumentation available.

Technical reprints available on request.



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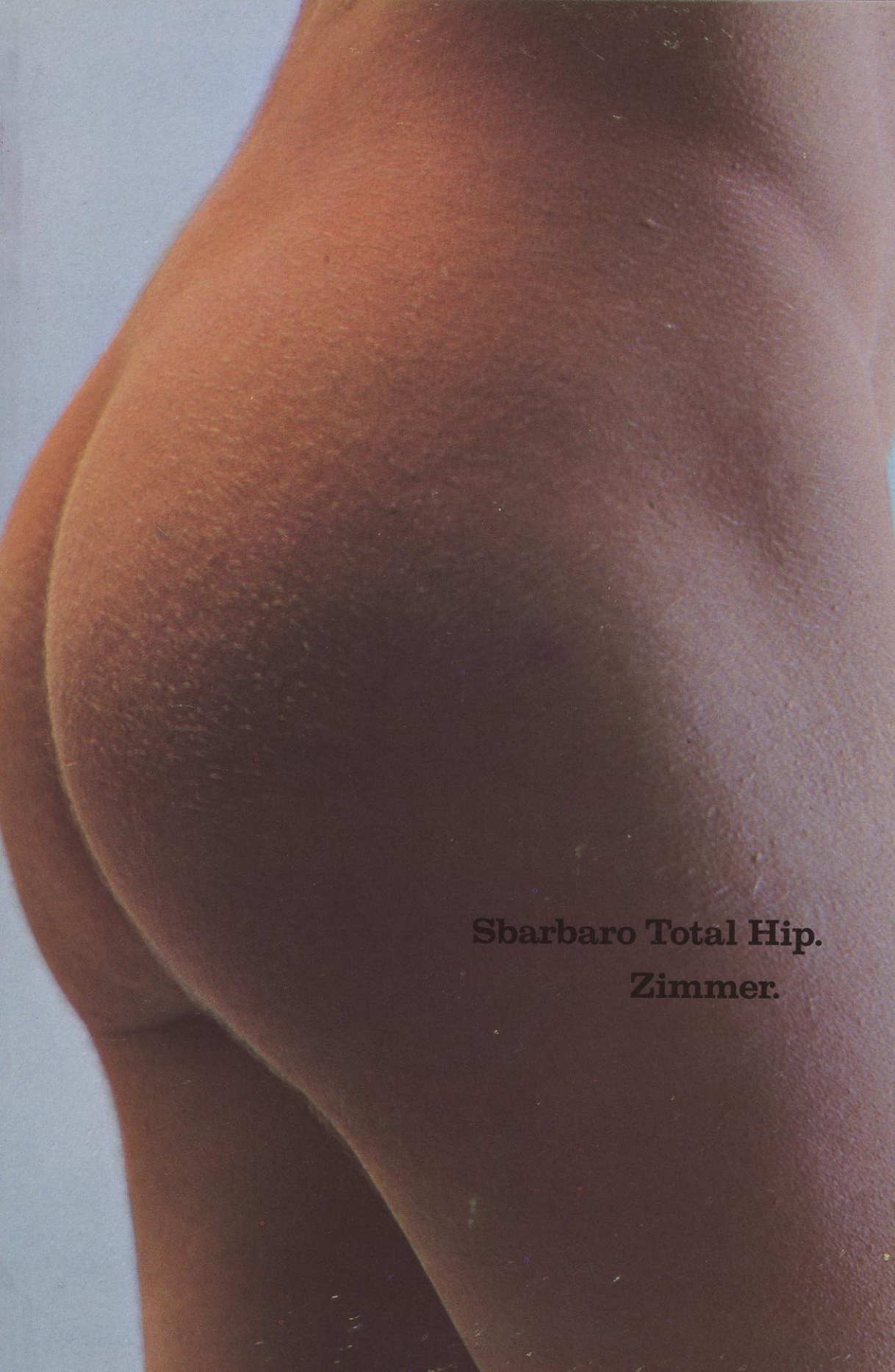

Sbarbaro Total Hip.
Zimmer.

Total Hip Prosthesis.
When metal must perform like living bone.

Methyl methacrylate cement not required.
Simple instrumentation.

The Sbarbaro Total Hip. Crafted by Zimmer

for total confidence.

John L. Sbarbaro, Jr., M.D., Philadelphia, Pa.

Engineered to assure permanent installation without bone cement.

The Sbarbaro Total Hip is a carefully engineered design which permanently replaces a defective hip joint.

The sculptured flange is designed to hook over the bone ridge of the acetabulum. This wide flange permanently secures the cup against rocking or resorbtion into the acetabulum. Four prongs, extending at an angle from the top surface of the cup and imbedded into acetabular bone, prevent rotation of cup.

When the cup is placed into its final position, the cup and bone are solidly joined.

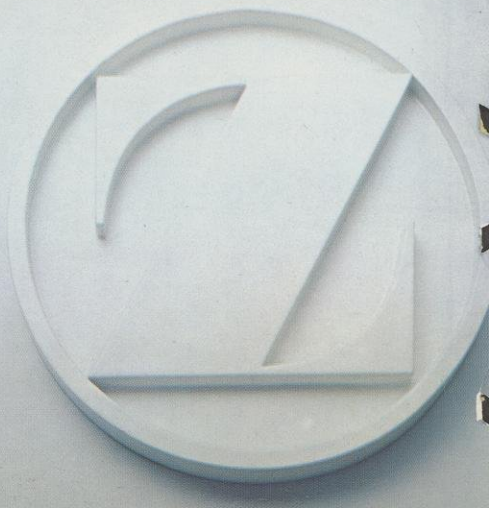
The relationship between the prosthesis head and acetabular cup is an exclusive "band" contact arrangement which assures very low unit area loading. This means relatively little wear, even for an extended period of time.

Instrumentation is simple. A plastic tipped driver and socket gauge are the only special instruments required. Operating time has been reduced as a result of the elimination of bone cement. A paper which details the operative technique is available on request.

Sbarbaro Total Hip in Zimaloy.

Catalog Number	Head Size	Stem Length	Liner Outside Dia.
Standard Moore—matched sets.			
4034-05	1⅝″	5″	1⅞″
4034-11	2″	6″	2¼″
Straight Stem Moore—matched sets.			
4035-05	1⅝″	6½″	1⅞″
4035-11	2″	7″	2¼″
Head and Neck Moore—matched sets.			
4037-05	1⅝″	8″	1⅞″
4037-11	2″	8″	2¼″

Instrumentation available. Technique available on request.



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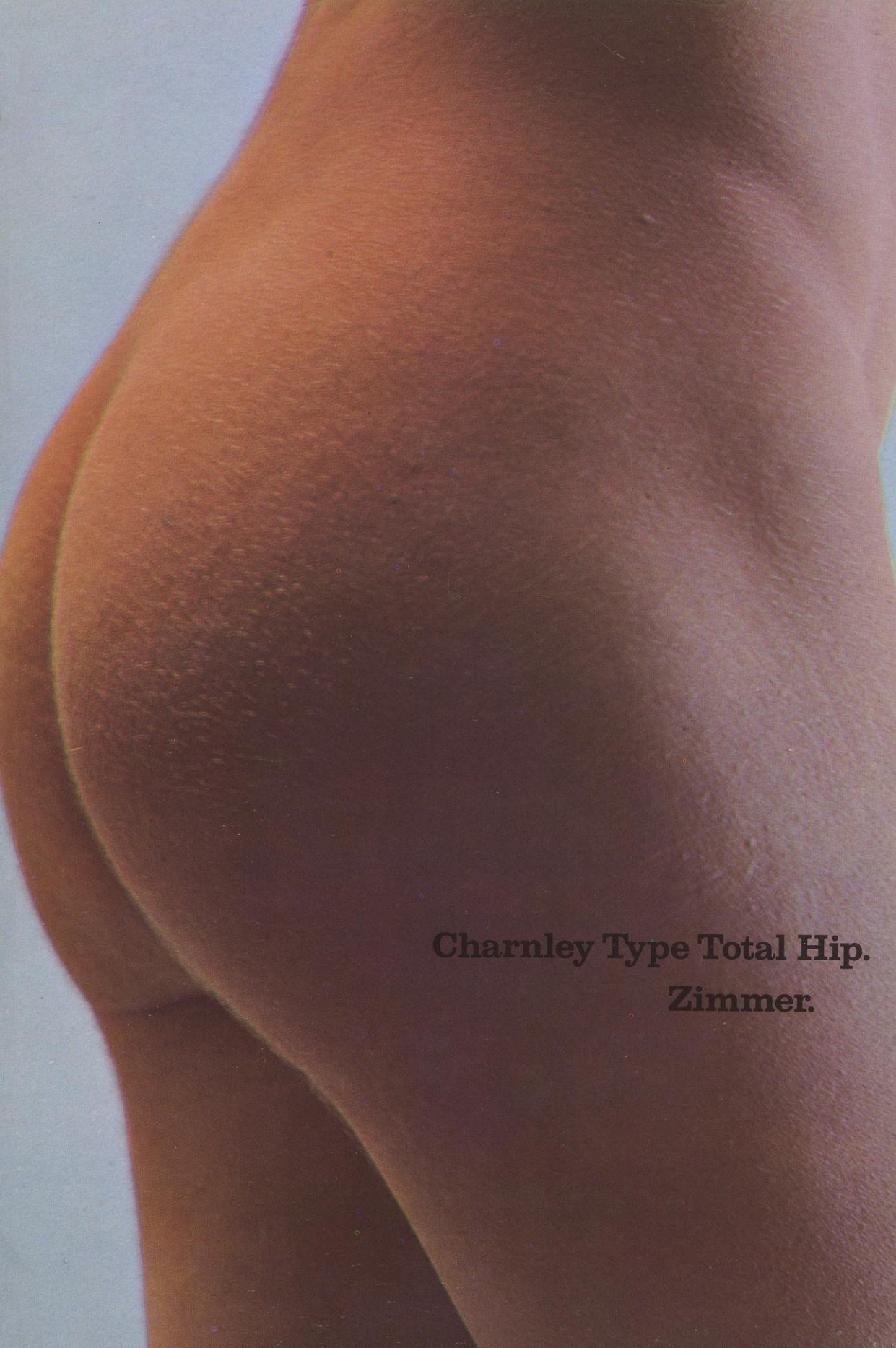
Charnley Type Total Hip.
Zimmer.

Total Hip Prosthesis.
When metal must perform like living bone.

The Charnley Type Total Hip. Crafted by Zimmer

for total confidence.

Stainless steel head and polyethylene cup for extremely low friction.

The Charnley Type Total Hip is designed for use with bone cement and features an ultra-high molecular weight polyethylene cup combined with a Zimmer certified stainless steel prosthesis.

A radiopaque wire ring in the acetabular cup allows the relationship of the prosthesis and the polyethylene cup to be checked after surgery. If wear does occur, on either prosthesis head or cup, an X-ray of the patient's hip will reveal a difference in the distance between the small wire ring and the prosthesis head.

The ultra-high molecular weight polyethylene selected for the acetabular cup material is the finest polyethylene available for implant use. It allows long wear with minimal deterioration of the contact surface. Gamma sterilized in a double pack, peel-open package ready for surgery.

Zimmer machines the stainless steel prosthesis head to a precise sphericity and surface finish. This superior finish in contact with the polyethylene cup creates an extremely low-friction total hip.

Charnley Type Total Hip in Zimmer Certified Stainless Steel.

Catalog Number	Prosthesis Stem Type	Stem Length	Head Size
4032-01	Standard	5″	⅞″ (22.2mm)
4032-02	Straight Narrow	5″	⅞″ (22.2mm)

Acetabular Cup w/Cement Restrictor.

Cup Material—Ultra-High Molecular Weight (U.H.M.W.) Polyethelene.

Restrictor Material—Zimmer Certified Stainless Steel.

Catalog Number	Size	Outside Diameter
4032-03	Small	1 9/16″ (39.7mm)
4032-04	Large	1 11/16″ (42.9mm)

Instrumentation available.

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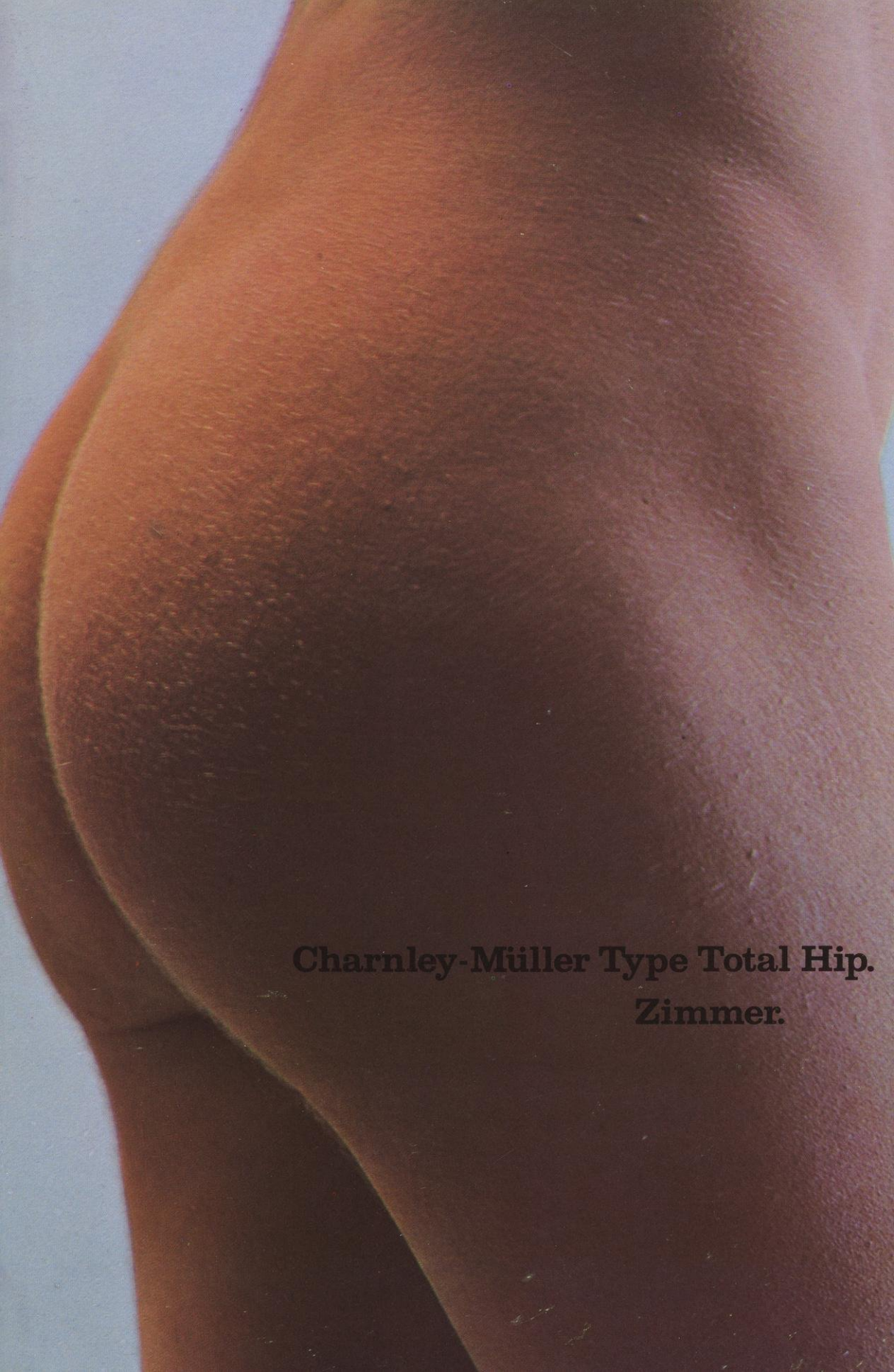
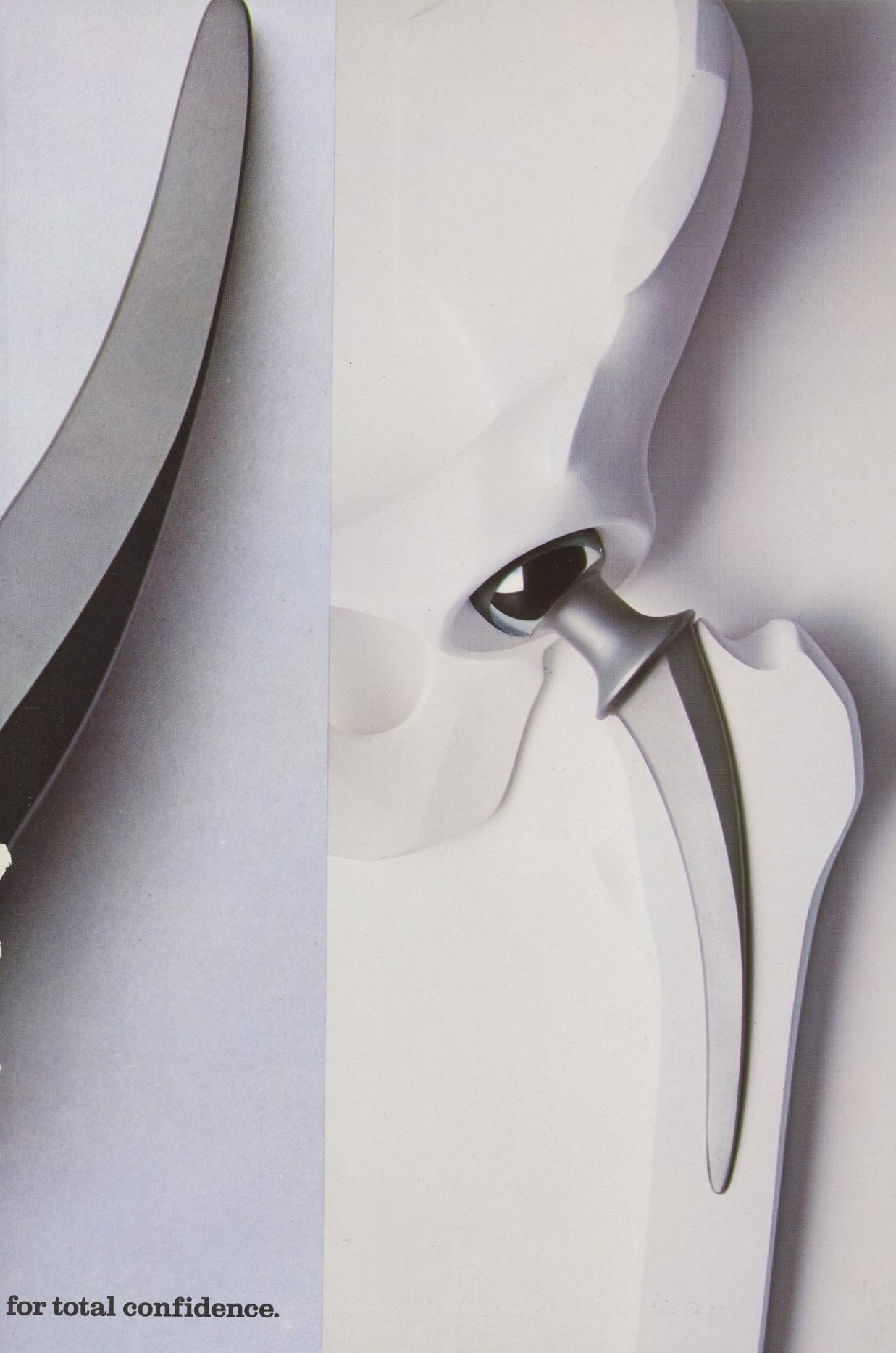

Charnley-Müller Type Total Hip.
Zimmer.

Total Hip Prosthesis.
When metal must perform like living bone.

The Charnley-Müller Type Total Hip. Crafted by Zimmer



for total confidence.

Charnley-Müller design gives greater contact surface with less wear.

The Charnley-Müller Type Total Hip machined to perfection by Zimmer craftsmen, gives permanent relief to a defective hip joint. It is designed for use with bone cement.

The acetabular cup is made of the finest ultra-high molecular weight polyethylene available for implant use. Its physical properties permit long wear with minimal deterioration of the contact surface. Gamma sterilized in a double pack, peel-open package ready for surgery.

The large contact surface between prosthesis head and acetabular cup reduces the risk of dislocation.

The prosthesis head in contact with a polyethylene cup creates an extremely low-friction total hip.

Charnley—Müller Type Total Hip in Zimaloy

Catalog Number	Head Size	Stem Length	Neck Type	Neck Length
4042-01	1.260 (32mm)	4.1″	Short	15mm
4042-02	1.260 (32mm)	4.7″	Standard	23mm
4042-03	1.260 (32mm)	4.7″	Long	29mm

Acetabular Cup.

Ultra-High Molecular Weight (U.H.M.W.) Polyethelene.

Catalog Number	Size	Cup Size Outside Dia.
4042-08	Small	44mm
4042-09	Standard	50mm

Instrumentation available.

Technical reprints available on request.

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