

# CONSERVE<sup>®</sup> Total A-CLASS<sup>®</sup> Advanced Metal with BFH<sup>®</sup> Technology Hip System

An Innovative Solution in Wear Reduction.



**WRIGHT.**  


# CONSERVE® Total A-CLASS® Advanced Metal with BFH® Technology Hip System



Wright's A-CLASS®  
Advanced Metal  
innovation is a  
patent-pending  
process designed  
to reduce wear.



CONSERVE® Total A-CLASS® Advanced  
Metal with BFH® Technology

The innovative A-CLASS® Advanced Metal provides surgeons and patients with dramatic reductions in metal debris generated. A-CLASS® Advanced Metal with BFH® Technology is designed with optimized clearances, high carbon content, superfinished surface, and anatomical head sizes. In addition, the true differentiator of A-CLASS® Advanced Metal is the differential hardness between the head and the cup. Since the head produces 80% to 95% of the metal debris, a head material harder than the cup, differential hardness, creates the dramatic reduction of 90% in run-in wear and 68% in lifetime wear.

## Superior Product

- **A-CLASS® Advanced Metal\***
  - 90% reduction in run-in wear
  - 68% reduction in lifetime wear

*After 5 million cycles using wear simulator*

- **Reduction of Dislocation**
  - Increased jump distance
- **Increased Range of Motion\***
  - 161 - 173 degrees
- **Low Profile Shell Compliments Increased Range of Motion**
  - Shell profile - 170 degrees
- **Beaded Cup Promotes Bony Ingrowth**

## Ease of Use

- **Multiple A-CLASS® Metal with BFH® Technology Head Sizes**
  - 36mm through 56mm
  - 2mm increments
- **Long, Medium, and Short Neck Options**
- **Multiple Porous Coated Shell Cup Options**
  - 6mm standard
  - 10mm standard
  - SUPER-FIX® Shell
  - 6mm Spiked
  - 6mm HA coated

## Innovation

- **A-CLASS® Materials - Solution to Reducing Wear**
- **BFH® Technology - Solution to Reducing Dislocation**
- **Modular Necks - Optimal Restoration of Normal Hip Biomechanics**
  - Avoid impingement with improved ROM resulting in decreased dislocation
  - Independently adjust leg length, offset, and version
  - Correct minor variations in cup position without changing stem version
  - Minimize incision and soft tissue trauma
- **PATH® Minimally-Invasive Total Hip Arthroplasty Technique**
- **SUPERCAP® Minimally-Invasive Total Hip Arthroplasty Technique**

*\*Data on file*

# CONSERVE® Total A-CLASS® Advanced Metal with BFH® Technology Hip System

Cup sizes range from 42mm - 72mm  
in 2mm increments

Head sizes range from 36mm - 56mm  
in 2mm increments

High carbon wrought cobalt  
chrome femoral head

A-CLASS® Advanced Metal  
femoral component option



Superfinished surface for low wear

Porous beaded surface for  
maximum ingrowth

Low profile hemispherical shell  
for maximum ROM

High carbon cast cobalt  
chrome acetabulum

HA, spiked and  
screw fixation option

Cups are designed to  
maximize range of motion  
(161° - 173°)

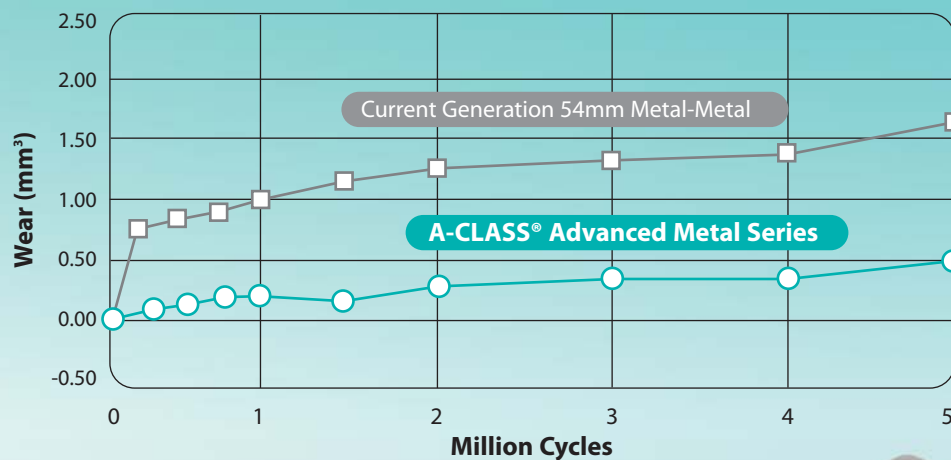
## BFH® Technology Range of Motion<sup>1</sup>

HEAD DIAMETER	SHORT NECK ROM	MEDIUM NECK ROM	LONG NECK ROM
36mm	162°	161°	161°
38mm	163°	163°	162°
40mm	165°	164°	164°
42mm	166°	166°	165°
44mm	168°	167°	167°
46mm	169°	168°	168°
48mm	170°	169°	169°
50mm	171°	170°	170°
52mm	173°	171°	171°
54mm	172°	172°	171°
56mm	172°	172°	172°

**MATCH With  
Any PROFEMUR®  
Series Stem.**

**NOTE:**  
ROM reported is  
with PROFEMUR®  
stem only.

## A-CLASS® Advanced Metal with BFH® Technology<sup>2</sup>



1. Data on file.

2. Data on file. After 5 million cycles using wear simulator.



## Ordering Information

### A-CLASS® Metal with BFH® Technology

CATALOG NUMBER	DESCRIPTION
38AM-3600	MEDIUM NECK 36mm
38AM-3604	SHORT NECK 36mm
38AM-3635	LONG NECK 36mm
38AM-3800	MEDIUM NECK 38mm
38AM-3804	SHORT NECK 38mm
38AM-3835	LONG NECK 38mm
38AM-4000	MEDIUM NECK 40mm
38AM-4004	SHORT NECK 40mm
38AM-4035	LONG NECK 40mm
38AM-4200	MEDIUM NECK 42mm
38AM-4204	SHORT NECK 42mm
38AM-4235	LONG NECK 42mm
38AM-4400	MEDIUM NECK 44mm
38AM-4404	SHORT NECK 44mm
38AM-4435	LONG NECK 44mm
38AM-4600	MEDIUM NECK 46mm
38AM-4604	SHORT NECK 46mm
38AM-4635	LONG NECK 46mm
38AM-4800	MEDIUM NECK 48mm
38AM-4804	SHORT NECK 48mm
38AM-4835	LONG NECK 48mm
38AM-5000	MEDIUM NECK 50mm
38AM-5004	SHORT NECK 50mm
38AM-5035	LONG NECK 50mm
38AM-5200	MEDIUM NECK 52mm
38AM-5204	SHORT NECK 52mm
38AM-5235	LONG NECK 52mm
38AM-5400	MEDIUM NECK 54mm
38AM-5404	SHORT NECK 54mm
38AM-5435	LONG NECK 54mm
38AM-5600	MEDIUM NECK 56mm
38AM-5604	SHORT NECK 56mm
38AM-5635	LONG NECK 56mm

Implants: A-CLASS® 38AM-KITA

### CONSERVE® Total Cup Options

HEAD SIZE (mm)	CUP OD (mm)	CATALOG NUMBER
36	42	3802-3642
38	44	3802-3844
40	46	3802-4046
42	48	3802-4248
44	50	3802-4450
46	52	3802-4652
48	54	3802-4854
50	56	3802-5056
52	58	3802-5258
54	60	3802-5460
56	62	3802-5662
56	64	3802-5664

#### Cups ordered individually

HA option: 38HA-IDOD  
 Spiked option: 38SP-IDOD  
 SUPER-FIX®: 38SC-IDOD (14mm difference)  
 10mm option: 3802-IDOD (10mm difference)

#### Instruments

3803-KIT2 (5803-KIT2), 3803-KIT3  
 3100-KIT2, 2001-KIT5



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 5,662,656; 5,672,178; 5,702,458; 6,013,103; other patents pending.  
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