

Hip

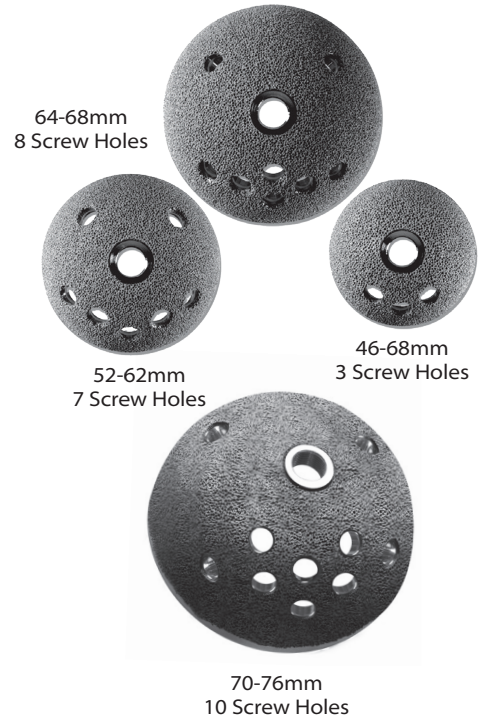
Product Brochure



Dynasty® Acetabular Cup System

Design Features

	Dynasty® Porous-Coated System	Dynasty® Biofoam® System
Shell Sizes	46-68 in 2mm increments	46-76 in 2mm increments
Head Options	Metal & Ceramic	Metal & Ceramic
Poly Liner Diameters	28-46	28-54
Bearing Surface	Cross-linked Poly	Cross-linked Poly
Number of Screw Holes	3	3, 7, 8, 10 Depending on Cup Size
Shell Coating	Porous Beads	Cancellous Titanium
Revision Poly Option	36mm ID from a 52-68mm	36mm ID from a 52-68mm



Options for Heads



Profemur® Renaissance® Classic Stem

Design Features

Abbreviated Technique: Ream and Broach

Ream to templated size or cortical chatter

Sequentially broach with reduced flare broaches to corresponding reamer size

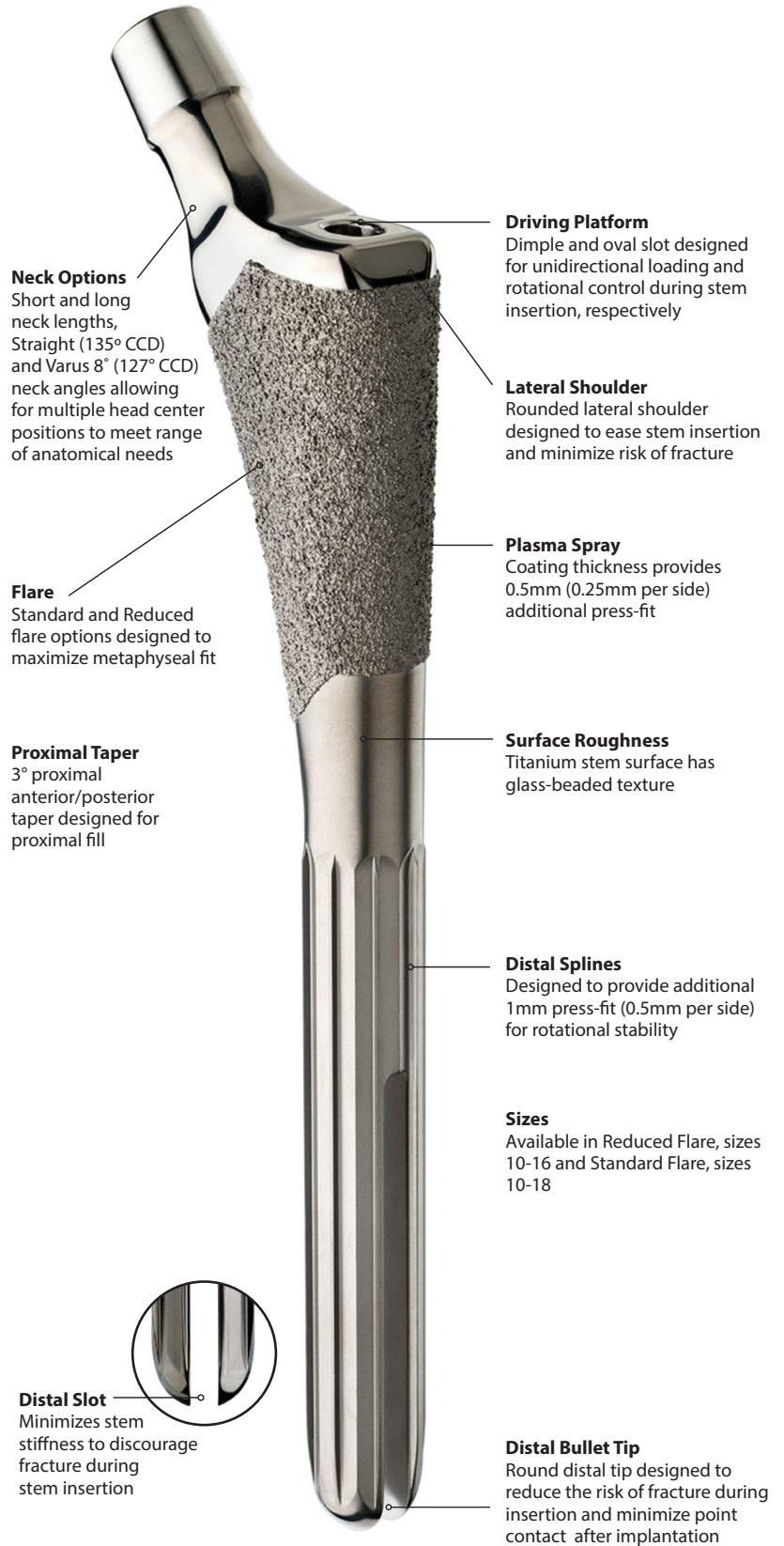
If it is not secure, switch to standard flare broach or ream and broach to larger stem size

Implant size and flare corresponding to broach size and flare

Ordering Information

Templates	PRNCXR15 (Short Necks) PRNLXR15 (Long Necks)
Surgical Technique	009641
Instruments	PRGIKIT1 (General) PRZNKIT1 (Broaches) PRZNKIT2 (Reamers) PRCLIMPT (Classic Stem Impactor)
Implants	PRRCKITS (Short Necks) PRRCKITL (Long Necks)

For additional risk information, please consult the Instructions for Use package insert.



Profemur® Gladiator® Plasma Classic Stem

Design Features

Abbreviated Technique: Broach Only

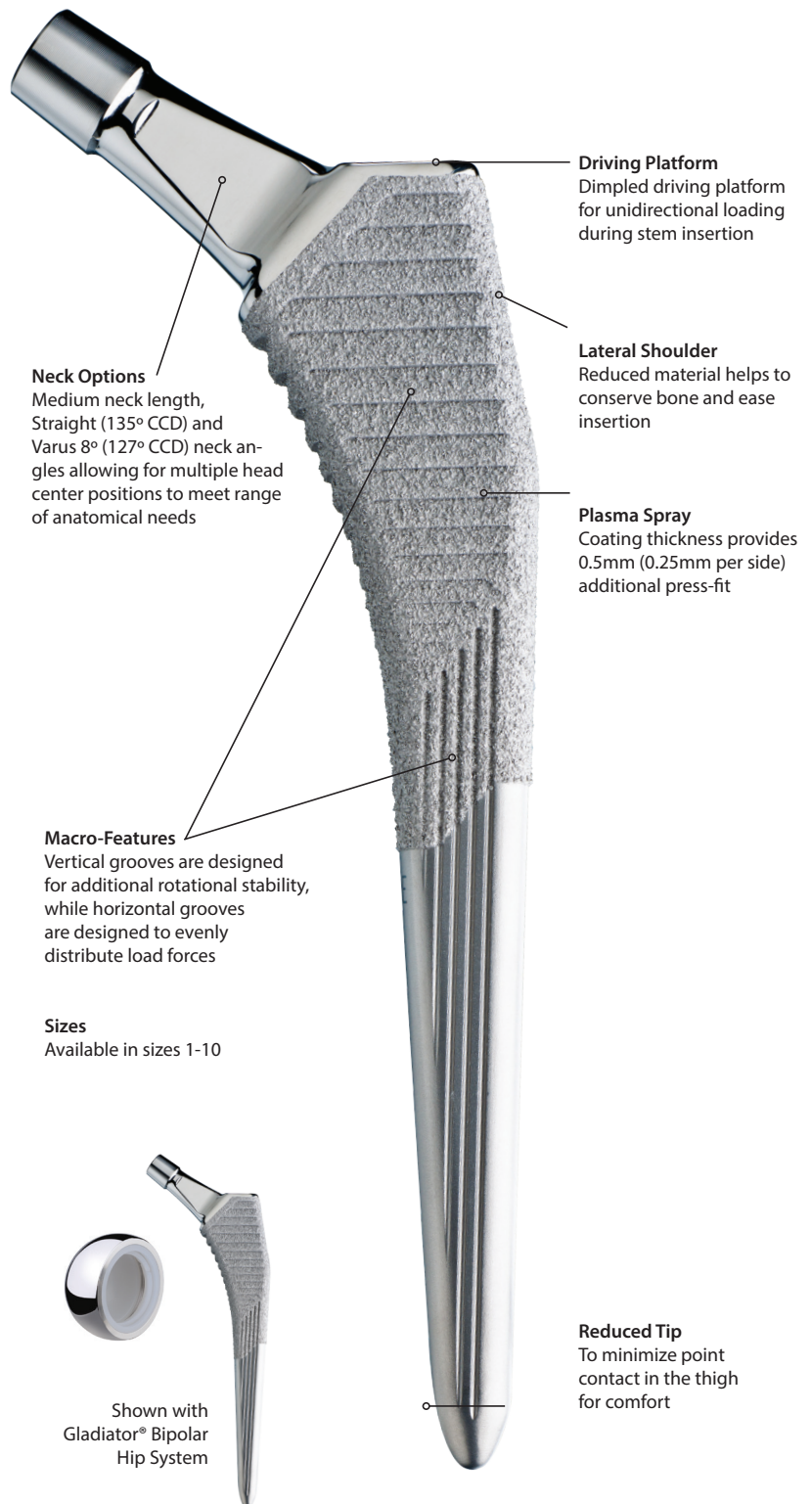
Broach to templated size

Implant size corresponding to broach

Ordering Information:

Templates	PRGLXR15 GLSHXR15 (Gladiator® Bipolar)
Surgical Technique	010845 MH175-606 (Gladiator® Bipolar)
Instruments	PRGLKIT3 (core plus Classic metal trial necks) PRGLKIT1 (core plus long and short metal trial necks, broach handles) PRGIKIT1 (includes plastic trial heads, broach handles) GLFLKIT1 (Gladiator® Bipolar)
Implants	PGCLKITP GLFLKITA (Gladiator® Bipolar) GLFLKITB (femoral heads)

For additional risk information, please consult the Instructions for Use package insert.



Profemur® TL Classic Stem

Design Features

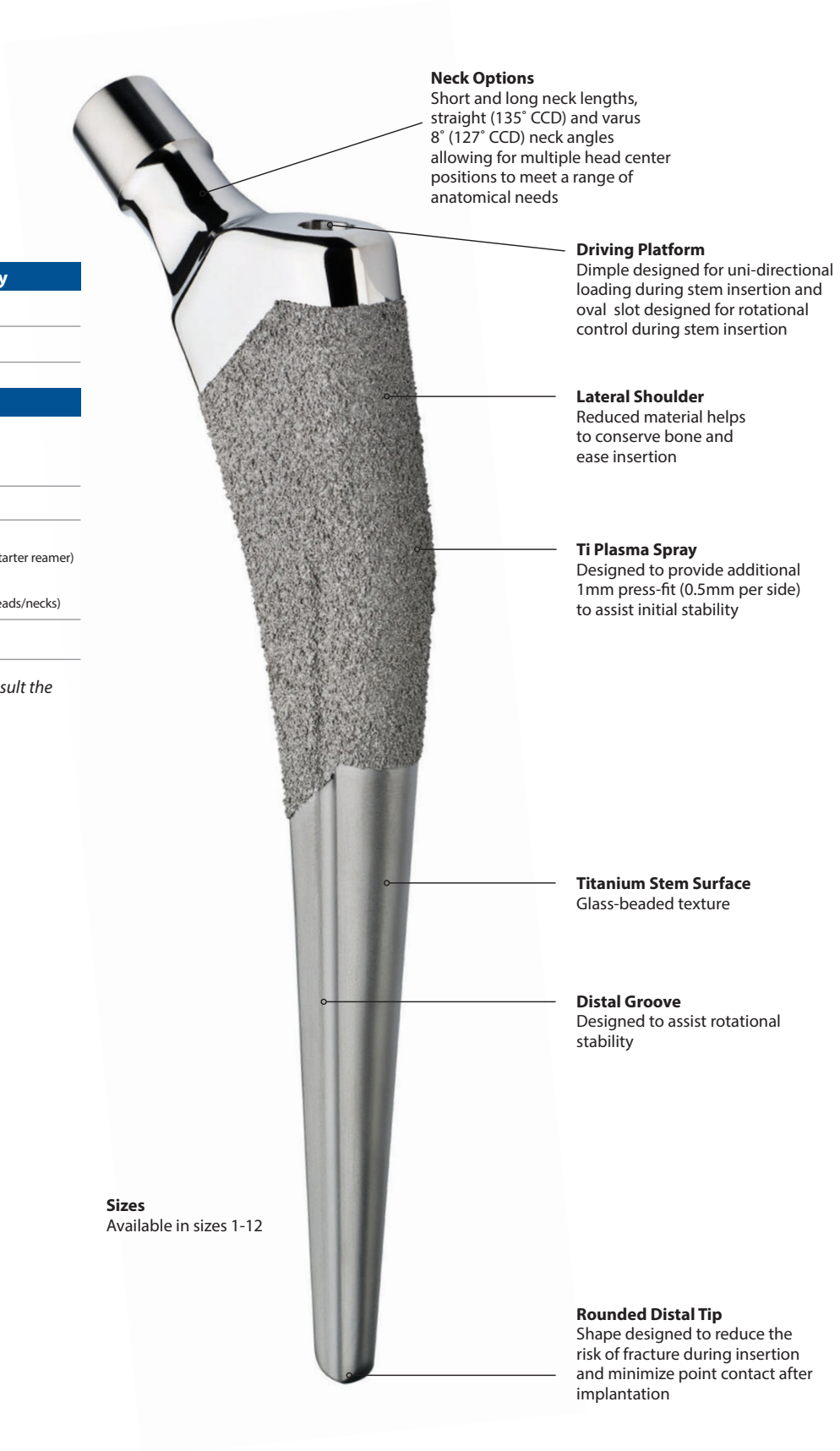
Abbreviated Technique: Broach Only

- Broach to templated size
- Implant size corresponding to broach

Ordering Information

Templates (Short Necks)	PTLCXR15
Templates (Long Necks)	PTLLXR15
Surgical Technique	009790
Instrument Kits	PRTLKIT2 (broaches and starter reamer) PRGIKIT1 (includes trial heads/necks)
Implants	TLCLKITC

For additional risk information, please consult the Instructions for Use package insert.



Neck Options
Short and long neck lengths, straight (135° CCD) and varus 8° (127° CCD) neck angles allowing for multiple head center positions to meet a range of anatomical needs

Driving Platform
Dimple designed for uni-directional loading during stem insertion and oval slot designed for rotational control during stem insertion

Lateral Shoulder
Reduced material helps to conserve bone and ease insertion

Ti Plasma Spray
Designed to provide additional 1mm press-fit (0.5mm per side) to assist initial stability

Titanium Stem Surface
Glass-beaded texture

Distal Groove
Designed to assist rotational stability

Rounded Distal Tip
Shape designed to reduce the risk of fracture during insertion and minimize point contact after implantation

Sizes
Available in sizes 1-12

Profemur® Z Classic and Plasma Z Classic Stems

Design Features

Abbreviated Technique: Broach-only

Broach to templated size

Implant size corresponding to broach size

Ordering Information

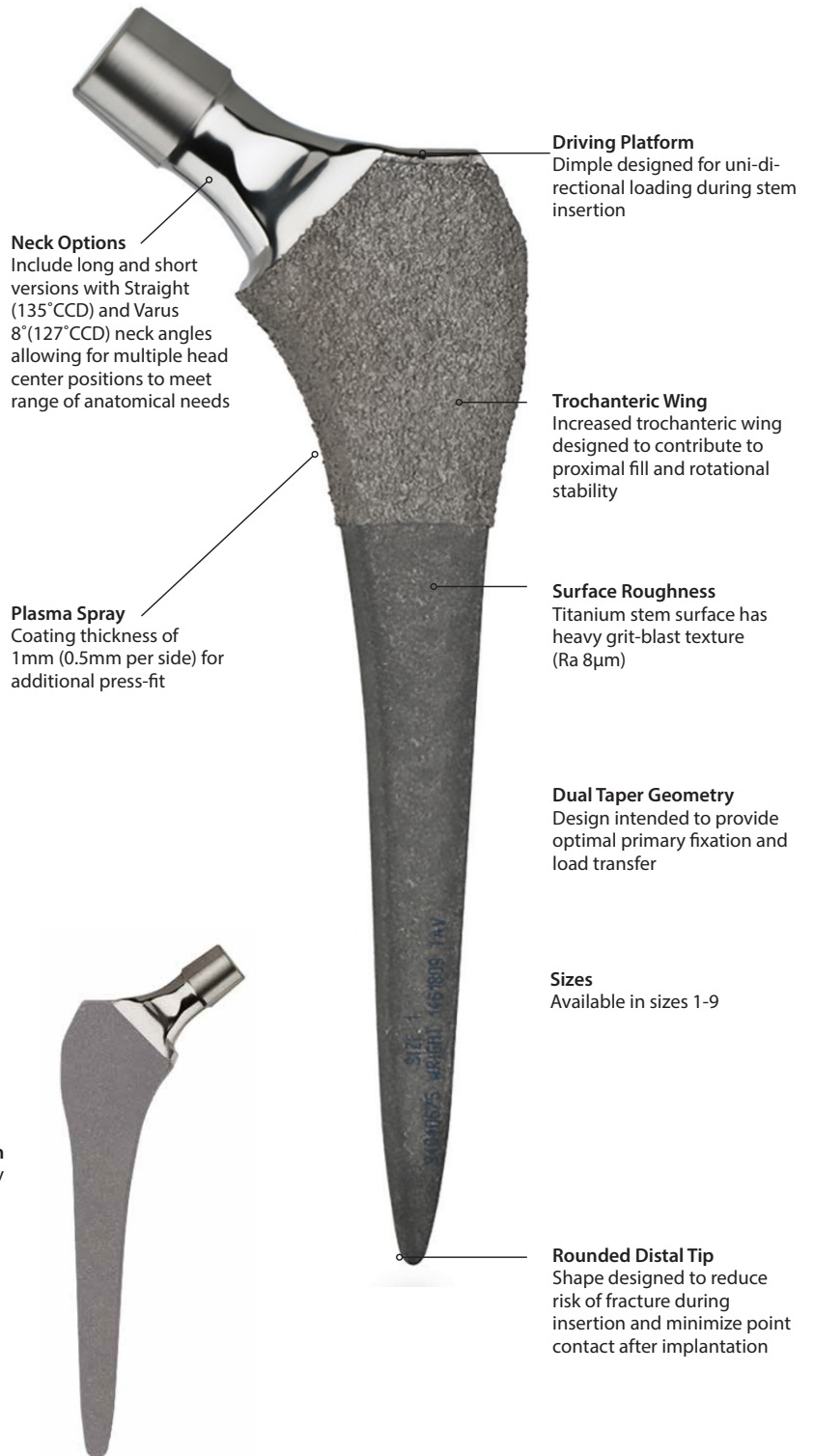
Templates PRFNXR15 (Long Neck Classic)
PRZCXR15 (Short Neck Classic)

Surgical Technique 010911

Instruments 4251KIT1
(Core plus plastic trial necks, broach handles)
PRZSKIT2
(In-line broaches)
PRGIKIT1
(Includes plastic trial heads, broach handles)
SLBROHAN
(In-line broach handle)

Implants PHAZKITA (Long Neck Classic)
PHAPKITA (Long Neck Plasma Classic)
PZCLKITA (Short Neck Classic)
PPZCKITA (Short Neck Plasma Classic)

For additional risk information, please consult the Instructions for Use package insert.



Driving Platform
Dimple designed for uni-directional loading during stem insertion

Neck Options
Include long and short versions with Straight (135°CCD) and Varus 8° (127°CCD) neck angles allowing for multiple head center positions to meet range of anatomical needs

Trochanteric Wing
Increased trochanteric wing designed to contribute to proximal fill and rotational stability

Plasma Spray
Coating thickness of 1mm (0.5mm per side) for additional press-fit

Surface Roughness
Titanium stem surface has heavy grit-blast texture (Ra 8µm)

Dual Taper Geometry
Design intended to provide optimal primary fixation and load transfer

Sizes
Available in sizes 1-9

Rectangular Cross-Section
Provides rotational stability and conserves bone for increased vascularization

Rounded Distal Tip
Shape designed to reduce risk of fracture during insertion and minimize point contact after implantation

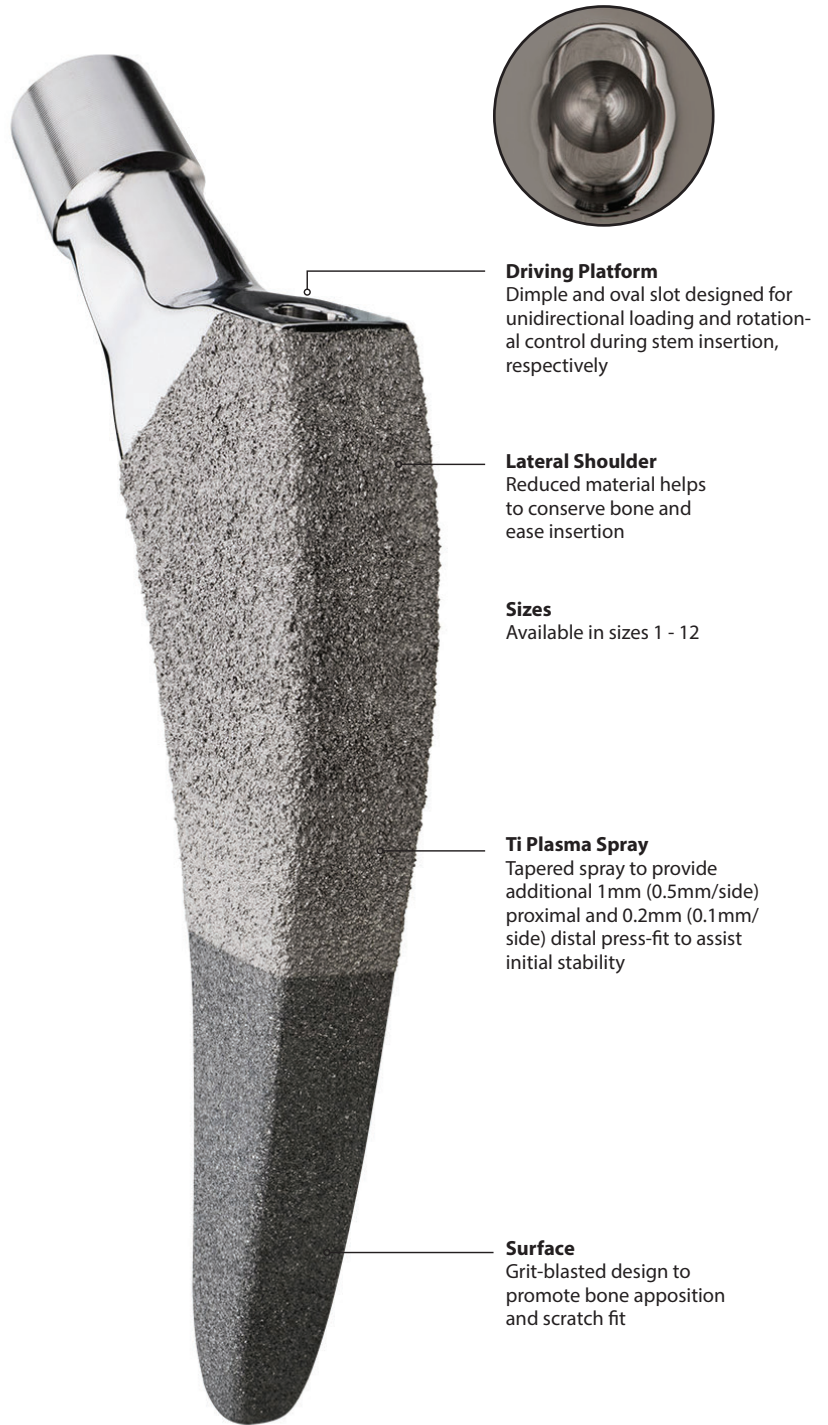
Profemur® Preserve

Design Features

Ordering Information

Templates	PPRCXR15	Sizes 1-12 (Classic)
Surgical Technique	010439	
Instrument Kits	PPREKIT1 (Core) PPREKIT2 (Classic add-on kit) PRGIKIT1 (General)	
Implants	PPREKITB (Stems classic)	

Please consult the Instructions for Use package insert for additional risk information.



Driving Platform
Dimple and oval slot designed for unidirectional loading and rotational control during stem insertion, respectively

Lateral Shoulder
Reduced material helps to conserve bone and ease insertion

Sizes
Available in sizes 1 - 12

Ti Plasma Spray
Tapered spray to provide additional 1mm (0.5mm/side) proximal and 0.2mm (0.1mm/side) distal press-fit to assist initial stability

Surface
Grit-blasted design to promote bone apposition and scratch fit



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