

Implants and Instrumentation

Implant Sets		00-4300-000-05		00-4300-000-23	
Modular Stems Micro Implant Set	00-4300-000-05				
Modular Stems Standard Implant Set	00-4300-000-06				
Modular Stems Revision Implant Set	00-4300-000-07				
Modular Heads Standard Implant Set	00-4300-000-10				
Modular Heads Offset Implant Set	00-4302-000-10				
Expanded Heads Implant Set	00-4300-000-23				
Glennoid W/ Keel Implant Set	00-4300-000-11				
Glennoid W/ Pegs Implant Set	00-4300-000-12				
Modular Stems Micro Implant Set	00-4300-000-05				
Includes:					
Humeral Stem 6mm x 60mm	00-4300-006-06				
Humeral Stem 6mm x 130mm	00-4300-006-13				
Humeral Stem 7mm x 60mm	00-4300-007-06				
Modular Stems Standard Implant Set	00-4300-000-06				
Includes:					
Humeral Stem 7mm x 130mm	00-4300-007-13				
Humeral Stem 8mm x 130mm	00-4300-008-13				
Humeral Stem 8mm x 170mm	00-4300-008-17				
Humeral Stem 9mm x 130mm	00-4300-081-00				
Humeral Stem 10mm x 130mm	00-4300-010-13				
Humeral Stem 10mm x 170mm	00-4300-010-17				
Humeral Stem 11mm x 130mm	00-4300-011-13				
Humeral Stem 12mm x 130mm	00-4300-012-13				
Humeral Stem 12mm x 170mm	00-4300-012-17				
Humeral Stem 13mm x 130mm	00-4300-013-13				
Humeral Stem 14mm x 130mm	00-4300-014-13				
Humeral Stem 14mm x 170mm	00-4300-014-17				
Humeral Stem 15mm x 130mm	00-4300-015-13				
Humeral Stem 16mm x 130mm	00-4300-016-13				
Optional Humeral Stems					
Order Stems Separately					
Humeral Stem 17mm x 130mm	00-4300-017-13				
Humeral Stem 18mm x 130mm	00-4300-018-13				
Modular Stems Revision Implant Set	00-4300-000-07				
Includes:					
Humeral Stem 8mm x 200mm	00-4300-008-20				
Humeral Stem 10mm x 200mm	00-4300-010-20				
Humeral Stem 12mm x 200mm	00-4300-012-20				
Humeral Stem 14mm x 200mm	00-4300-014-20				
Modular Heads Standard Implant Set	00-4300-000-10				
Includes:					
Humeral Standard Head 15mm x 40mm	00-4300-040-15				
Humeral Standard Head 18mm x 40mm	00-4300-040-18				
Humeral Standard Head 21mm x 40mm	00-4300-040-21				
Humeral Standard Head 24mm x 40mm	00-4300-040-24				
Humeral Standard Head 15mm x 46mm	00-4300-046-15				
Humeral Standard Head 18mm x 46mm	00-4300-046-18				
Humeral Standard Head 21mm x 46mm	00-4300-046-21				
Humeral Standard Head 24mm x 46mm	00-4300-046-24				
Humeral Standard Head 27mm x 46mm	00-4300-046-27				
Humeral Standard Head 18mm x 52mm	00-4300-052-18				
Humeral Standard Head 21mm x 52mm	00-4300-052-21				
Humeral Standard Head 24mm x 52mm	00-4300-052-24				
Humeral Standard Head 27mm x 52mm	00-4300-052-27				
Humeral Standard Head 30mm x 52mm	00-4300-052-30				
Modular Heads Offset Implant Set	00-4302-000-10				
Includes:					
Humeral Offset Head 15mm x 40mm	00-4302-040-15				
Humeral Offset Head 18mm x 40mm	00-4302-040-18				
Humeral Offset Head 21mm x 40mm	00-4302-040-21				
Humeral Offset Head 24mm x 40mm	00-4302-040-24				
Humeral Offset Head 15mm x 46mm	00-4302-046-15				
Humeral Offset Head 17mm x 46mm	00-4302-046-17				
Humeral Offset Head 18mm x 46mm	00-4302-046-18				
Humeral Offset Head 19mm x 46mm	00-4302-046-19				
Humeral Offset Head 21mm x 46mm	00-4302-046-21				
Humeral Offset Head 23mm x 46mm	00-4302-046-23				
Humeral Offset Head 24mm x 46mm	00-4302-046-24				
Humeral Offset Head 27mm x 46mm	00-4302-046-27				
Humeral Offset Head 18mm x 52mm	00-4302-052-18				
Humeral Offset Head 19mm x 52mm	00-4302-052-19				
Humeral Offset Head 21mm x 52mm	00-4302-052-21				
Humeral Offset Head 23mm x 52mm	00-4302-052-23				
Humeral Offset Head 24mm x 52mm	00-4302-052-24				
Humeral Offset Head 27mm x 52mm	00-4302-052-27				
Humeral Offset Head 30mm x 52mm	00-4302-052-30				
Expanded Heads Implant Set	00-4300-000-23				
Includes:					
Humeral Standard Head 27mm x 40mm	00-4300-040-27				
Humeral Standard Head 30mm x 46mm	00-4300-046-30				
Humeral Standard Head 33mm x 46mm	00-4300-046-33				
Humeral Standard Head 33mm x 52mm	00-4300-052-33				
Humeral Standard Head 36mm x 52mm	00-4300-052-36				
Humeral Standard Head 30mm x 56mm	00-4300-056-30				
Humeral Standard Head 33mm x 56mm	00-4300-056-33				
Humeral Standard Head 36mm x 56mm	00-4300-056-36				
Humeral Standard Head 39mm x 56mm	00-4300-056-39				
Humeral Standard Head 42mm x 56mm	00-4300-056-42				
Humeral Offset Head 27mm x 40mm	00-4302-040-27				
Humeral Offset Head 30mm x 46mm	00-4302-046-30				
Humeral Offset Head 33mm x 52mm	00-4302-052-33				
Glennoid w/ Keel Implant Set	00-4300-000-11				
Includes:					
Glennoid w/ Keel 40mm	00-4300-080-00				
Glennoid w/ Keel 40mm x 46mm Articular Surface	00-4300-040-46				
Glennoid w/ Keel 46mm x 40mm Articular Surface	00-4300-046-40				
Glennoid w/ Keel 46mm	00-4300-081-00				
Glennoid w/ Keel 46mm x 52mm Articular Surface	00-4300-046-52				
Glennoid w/ Keel 52mm x 46mm Articular Surface	00-4300-052-46				
Glennoid w/ Keel 52mm	00-4300-082-00				
Glennoid w/ Keel 52mm x 56mm Articular Surface	00-4300-052-56				
Keel Sponge, 1 Pair	00-4301-034-01				
Pressurizer Sponge, 1 Pair	00-4301-035-01				
Glennoid w/ Pegs Implant Set	00-4300-000-12				
Includes:					
Glennoid w/ Pegs 40mm	00-4300-085-00				
Glennoid w/ Pegs 40mm x 46mm Articular Surface	00-4302-040-46				
Glennoid w/ Pegs 46mm x 40mm Articular Surface	00-4302-046-40				
Glennoid w/ Pegs 46mm	00-4300-086-00				
Glennoid w/ Pegs 46mm x 52mm Articular Surface	00-4302-046-52				
Glennoid w/ Pegs 52mm x 46mm Articular Surface	00-4302-052-46				
Glennoid w/ Pegs 52mm	00-4300-087-00				
Glennoid w/ Pegs 52mm x 56mm Articular Surface	00-4302-052-56				
Keel Sponge, 1 Pair	00-4301-034-01				
Pressurizer Sponge, 1 Pair	00-4301-035-01				
Optional Parts (Disposables)					
Keel Sponge, 1 Pair	00-4301-034-01				
Pressurizer Sponge, 1 Pair	00-4301-035-01				
Trabecular Metal™ Glennoid Implant Set					
Trabecular Metal Glennoid 40mm	00-4326-040-00				
Trabecular Metal Glennoid 40mm x 46mm Articular Surface	00-4326-040-46				
Trabecular Metal Glennoid 46mm	00-4326-046-00				
Trabecular Metal Glennoid 46mm x 40mm Articular Surface	00-4326-046-40				
Trabecular Metal Glennoid 46mm x 52mm Articular Surface	00-4326-046-52				
Trabecular Metal Glennoid 52mm	00-4326-052-00				
Trabecular Metal Glennoid 52mm x 46mm Articular Surface	00-4326-052-46				
Trabecular Metal Glennoid 52mm x 56mm Articular Surface	00-4326-052-56				
Instrument Sets					
Glennoid Instrument Set	KT-4300-000-01				
Humeral Instrument Set	KT-4300-000-02				
Revision Stem Instrument Set	00-4300-000-14				
Expanded Heads Provisionals Set	00-4300-000-24				
17/18mm Humeral Stem Instrument Set	00-4300-000-25				
Bigliani/Flatow Cannulated Instrument Set	00-4300-000-26				
Shoulder Retractors Set	00-4305-000-19				
Trabecular Metal Glennoid Instrument Set	00-4327-000-02				
Glennoid Instrument Set	KT-4300-000-01				
Includes:					
Glennoid Scraper	00-4301-018-00				
Glennoid Planer	00-4301-025-00				
40mm Glennoid Reamer	00-4301-028-40				
46mm Glennoid Reamer	00-4301-028-46				
52mm Glennoid Reamer	00-4301-028-52				
Drill With Stop, Sterile	00-4301-031-00				
Antirotation Pin	00-4301-031-01				
40mm Glennoid Centering Guide	00-4301-039-40				
46mm Glennoid Centering Guide	00-4301-039-46				
52mm Glennoid Centering Guide	00-4301-039-52				
Glennoid Insertor	00-4301-037-00				
Angled Reamer Driver	00-4301-027-00				
Palm Grip Assist	00-4301-073-01				
Humeral Pusher	00-4301-038-00				
Wrench	00-4301-033-00				
Glennoid Instrument / Provisionals Case	00-4301-095-00				
Keel Slot Guide 40mm	00-4301-026-40				
Keel Slot Guide 46mm	00-4301-026-46				
Keel Slot Guide 52mm	00-4301-026-52				
40mm Glennoid Reamer with Keel	00-4301-029-40				
46mm Glennoid Reamer with Keel	00-4301-029-46				
52mm Glennoid Reamer with Keel	00-4301-029-52				
Keel Glennoid Drill Guide 40mm	00-4301-030-40				
Keel Glennoid Drill Guide 46mm	00-4301-030-46				
Keel Glennoid Drill Guide 52mm	00-4301-030-52				
Head Provisional 15mm x 40mm	00-4301-040-15				
Head Provisional 18mm x 40mm	00-4301-040-18				
Head Provisional 21mm x 40mm	00-4301-040-21				
Head Provisional 24mm x 40mm	00-4301-040-24				
Head Provisional 15mm x 46mm	00-4301-046-15				
Head Provisional 18mm x 46mm	00-4301-046-18				
Head Provisional 21mm x 46mm	00-4301-046-21				
Head Provisional 24mm x 46mm	00-4301-046-24				
Head Provisional 27mm x 46mm	00-4301-046-27				
Head Provisional 18mm x 52mm	00-4301-052-18				
Head Provisional 21mm x 52mm	00-4301-052-21				
Head Provisional 24mm x 52mm	00-4301-052-24				
Head Provisional 27mm x 52mm	00-4301-052-27				
Head Provisional 30mm x 52mm	00-4301-052-30				
Offset Humeral Head Insertor	00-4303-075-00				
Protective Sleeves, Box Of 3	00-4303-075-01				
Humeral Offset Head Provisional 15mm x 40mm	00-4303-040-15				
Humeral Offset Head Provisional 18mm x 40mm	00-4303-040-18				
Humeral Offset Head Provisional 21mm x 40mm	00-4303-040-21				
Humeral Offset Head Provisional 24mm x 40mm	00-4303-040-24				
Humeral Offset Head Provisional 15mm x 46mm	00-4303-046-15				
Humeral Offset Head Provisional 17mm x 46mm	00-4303-046-17				
Humeral Offset Head Provisional 18mm x 46mm	00-4303-046-18				
Humeral Offset Head Provisional 19mm x 46mm	00-4303-046-19				
Humeral Offset Head Provisional 21mm x 46mm	00-4303-046-21				
Humeral Offset Head Provisional 23mm x 46mm	00-4303-046-23				
Humeral Offset Head Provisional 24mm x 46mm	00-4303-046-24				
Humeral Offset Head Provisional 27mm x 46mm	00-4303-046-27				
Humeral Offset Head Provisional 18mm x 52mm	00-4303-052-18				
Humeral Offset Head Provisional 19mm x 52mm	00-4303-052-19				
Humeral Offset Head Provisional 21mm x 52mm					

Optimizing Glenohumeral Articulation

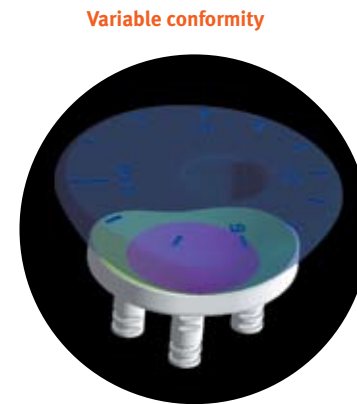
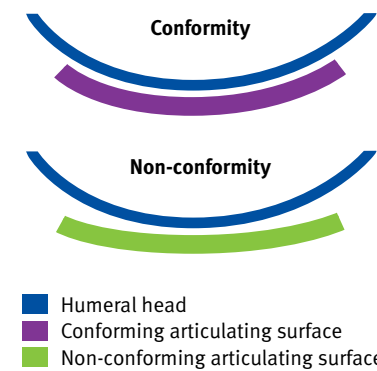
Through innovative component design and a simple, reproducible surgical technique, *Bigliani/Flatow*® The Complete Shoulder Solution can help replace the natural **mobility, balance, and stability** of the shoulder joint. Decades of clinical and development expertise by shoulder surgeons and Zimmer have resulted in a total shoulder that is designed to optimize kinematics of the joint, maximize bone stock preservation and provide durable materials to enhance the outcome of primary or revision surgery.

Zimmer compression-molded polyethylene components are designed to minimize wear and optimize performance. Pegged or keeled designs are offered in 16 sizes to provide intraoperative flexibility in creating patient-specific glenohumeral articulating solutions.

Pegged or keeled glenoid components, available in proportioned sizes, provide excellent anatomical contour and optimal fit in the glenoid vault.



A proprietary design feature provides variable conformity for accurate glenohumeral articulation and optimized joint performance. The innovative glenoid component design provides a center conforming zone surrounded by a non-conforming zone. This results in joint stability throughout the range of motion and reduced edge loading and associated wear.



Sizers and pressurizer sponges are specifically designed to provide a pressurized cement application and excellent interdigitation into cancellous bone, thereby reducing the potential for early postoperative radiolucencies.

Expanding Surgical Solutions

The *Bigliani/Flatow* Shoulder System instrumentation and technique are designed to create reproducible, **patient-specific results** and address the unpredictability that can come with shoulder joint replacement surgery. At every stage, from glenoid vault preparation to component fixation to glenohumeral component sizing to joint kinematics, the system's instrumentation offers **accuracy, flexibility, and ease of use.**



Comprehensive component sizing options address component mating issues by providing surgeons with the **intraoperative flexibility to mismatch glenoid and humeral head components.** The variable conformity design helps to ensure joint stability and kinematics.

Standard and color-coded provisionals, accompanied by a selection chart that is permanently affixed inside the glenoid tray lid, help to simplify the selection of glenoid and humeral head components in cases that require a mismatch.

		GLENOID IMPLANTS/PROVISIONALS SIZING CHART			
		HUMERAL HEAD SIZES			
		40MM	46MM	52MM	56MM
INSTRUMENTATION COLORS	BLACK				
	WHITE				
	BLUE				

Center bar indicates humeral head size. Perimeter color indicates glenoid size.



Examples of shoulder-surgery-specific instruments include the Humeral Head Cutting Guide and the proprietary Stem Collar Counterbore. The Humeral Head Cutting Guide helps to ensure the proper cut-angle for accurate glenohumeral component alignment, and the Stem Collar Counterbore helps to prepare the humerus for a precise humeral head to bone interface.

Creating Patient-Specific Solutions

The clinical expertise of shoulder surgeons combined with Zimmer's vast experience with total joint replacement products has resulted in **proprietary technologies, innovative designs, and a simplified surgical technique.** These benefits and the clinical success of Neer-style stems have earned the *Bigliani/Flatow* Shoulder System a worldwide following that is rapidly growing.



The humeral component design offers the option of cemented or press-fit fixation.