

EXACTECH | SHOULDER

**Shoulder Systems
Detail Book**



Surgeon focused. Patient driven.™

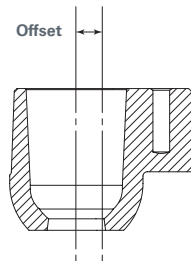
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Replicator Plate & Humeral Head System

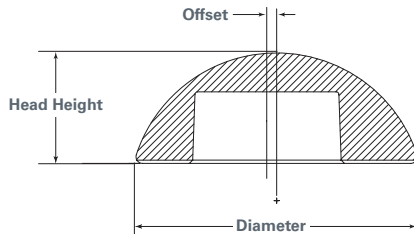
Replicator Plates

Offset	Material	Offset Ranges		Angle Ranges (°)	
		Med/Lat	Ant/Post	Inclination Version	Ant/Post
1.5	Ti-6Al-4V	0-14mm	0-6mm	125-140	+/- 7.5
4.5					

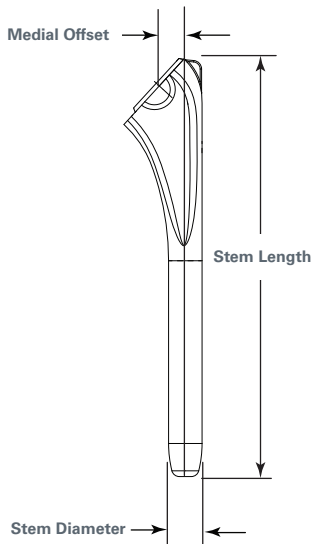


Humeral Heads

Diameter	Height (mm)				Offset	Glenoid	
	Extra Short	Short	Tall	Expanded		Mate	Material
38	-	16	19		0	Alpha	Co-Cr
41	14	16	20		0		
44	15	17	21		1.5		
47	16	18	22	26	1.5		
50	17	19	23	27	1.5	Beta	
53	18	20	24	28	15		



Humeral Stem System



Humeral Stems

Distal Diameter	Length*	Inherent Medial Offset	Material	Surface Finish		Geometry	
				Proximal	Distal	Proximal	Distal
7	100	7.5	Ti-6Al-4V	16 grade grit blast	Hi-Brite Polish	Trapezoidal	Cylindrical with flutes
9	105						
11	110	8.5					
13	115						
15	120	9.5					
17	125						

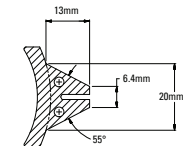
*Measured from distal tip to center of proximal spherical bore

Long Stem

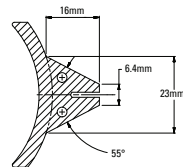
Distal Diameter	Length	Inherent Medial Offset
8	175	7.8
8	215	7.8
10*	200	7.8
12*	200	7.8

*Special order

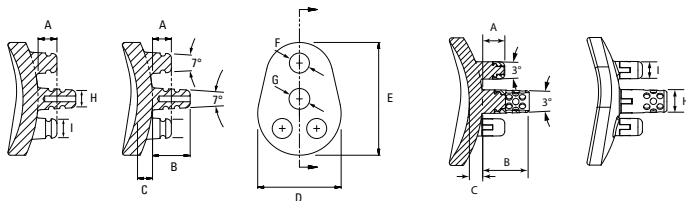
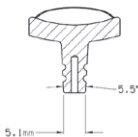
Glennoid Specifications



Small Equinox Glenoid - Keel



Medium, Large, Extra-Large Equinox Glenoid - Keel



Equinox Glenoid - Pegged

Equinox Glenoid - Caged

		A	B	C	D	E	F	G	H	I
PEGGED	Small	5.0mm	10.0mm	4.0mm	22.2mm	30.0mm	5.25mm	5.5mm	4.5mm	5.0mm
	Med	5.7mm	11.5mm	4.0mm	25.6mm	34.5mm	5.25mm	5.5mm	4.5mm	5.0mm
	Large	6.5mm	13.0mm	4.0mm	30.2mm	39.0mm	5.25mm	5.5mm	4.25mm	4.75mm
	X-Large	6.5mm	13.0mm	4.0mm	32.2mm	43.5mm	5.25mm	5.5mm	4.25mm	4.75mm
CAGED	Small	6.9mm	14.0mm	4.0mm	22.2mm	30.0mm	5.7mm	8.4mm	7.4mm	5.0mm
	Med	6.9mm	14.0mm	4.0mm	25.6mm	34.5mm	5.7mm	8.4mm	7.4mm	5.0mm
	Large	6.9mm	14.0mm	4.0mm	30.2mm	39.0mm	5.7mm	8.4mm	7.4mm	5.0mm
	X-Large	6.9mm	14.0mm	4.0mm	32.2mm	43.5mm	5.7mm	8.4mm	7.4mm	5.0mm

Glenoid/Humeral Head Pairings

Radial Mismatch Associated with Glenoid/Humeral Head Pairings *(Recommend Shaded)*

		Glenoid RoC	38mm HH	41mm HH	44mm HH	47mm HH	50mm HH	53mm HH
		27mm (alpha)	7.7163	5.8647	4.2645	2.6592	1.0514	-0.5565
		31mm (beta)	11.7163	9.8647	8.2645	6.6592	5.0514	3.4435
Posterior Augment	S	27.55mm	8.2663	6.4147	4.8145	3.2092	1.6014	-0.0065
	M	29.7mm	10.4163	8.5647	6.9645	5.3592	3.7514	2.1435
	L/XL	31.85mm	12.5663	10.7147	9.1145	7.5092	5.9014	4.2935

In shoulder arthroplasty, mismatch is defined as the difference in the radius or diameter of curvature between the humeral head and glenoid components. Recommendations of less than +10 mm may decrease the risk of glenoid micromotion, which may lead to glenoid failure.¹

Posterior Augmented Glenoid

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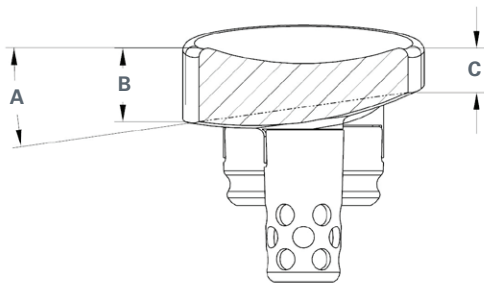


The Posterior Augmented Glenoid was designed to reduce glenoid bone removal and increase implant stability. It features eight-degree and 16-degree posterior offset.

Note: *The Posterior Augmented Glenoids do not come in alpha and beta curvatures. Each implant size pairs with four different humeral head diameters. Additionally, these glenoids were designed to be implanted with the modular glenoid instruments.*

Posterior Augment System Specifications

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Augment Angles		A	B	C
8 degree	Small	8	6.8	4
	Medium	8	7.3	4
	Large	8	7.8	4
	X-Large	8	8.3	4
16 degree	Small	16	9.9	4
	Medium	16	10.7	4
	Large	16	11.8	4
	X-Large	16	12.7	4

Common Measurements

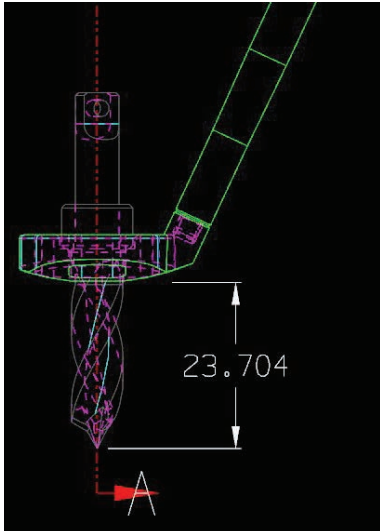


Diagram of Drills

	Length	Diameter
Center drill with anatomic guide	23.70mm	7.3
Center drill with reverse guide	21.495mm	7.3
Center drill without guide	25.75mm	7.3
Peripheral drill with anatomic guide	9.057mm	5.9
Peripheral drill with out guide	16.26mm	5.9
Peripheral keel drill with guide	19.699mm	7.3

Preoperative Work

- Have the assistant practice attaching broaches to the broach handle.
- Ensure that all glenoid osteophytes and soft tissue has been removed so that the true center of the glenoid can be accurately identified. The glenoid reamers may seem dull if the soft tissue and osteophytes are not removed.

Pearls at Various Steps

- Be sure to bury the laser etched depth marker on the humeral reamers.
- If the surgeon gets to a reamer size that won't advance to the required depth, broaching and stem size should be reduced to the last size that was completely advanced. If the press-fit is inadequate, many surgeons utilize impaction grafting, a minimized cement technique, or a traditional cement mantle.
- The implant (having the same distal diameter as that of the final reamer) is threaded to the primary stem inserter (301-07-10). Be sure to align the dimple on the inserter with the divot in the stem. Wet gloves may make the tightening and loosening of the stem inserter to the stem or trial difficult.
- If preparing for a keeled glenoid, it is suggested that the surgeon use a burr or rongeur to remove all cortical bone for the trough.
- To ensure the screw driver is fully seated before definitively tightening the screw, tap on it with the mallet.

Head Placement

- Remind surgeon to take time when dialing in head position.
- If head resection was perfect, the trial ring should be parallel to the resection. Neck angle and retroversion will not need to be adjusted.
- Unless resected head is clearly a tall, you should start with a short head and move larger if the trial reduction could indicate a need for more soft tissue tensioning.
- To obtain desired humeral head position, start by placing the replicator plate into the stem or trial with the holes close to the greatest amount of surface bone. Place the appropriately sized plate dial on the replicator plate and insert the replicator plate handle into the two holes on the plate. Adjust independently to replicate the patient's anatomy.
- Surgeons may choose either 1.5 or 4.5 replicator plate.



4.5mm Replicator Plate

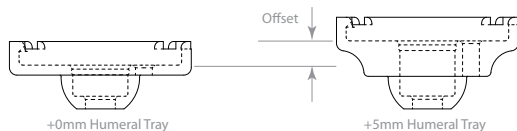
1.5mm Replicator Plate

Humeral Tray/Humeral Liner Offset Comparisons

	+0mm Humeral Liners (Standard and Constrained)	+2.5mm Humeral Liners (Standard and Constrained)
+0 Humeral Tray	0*	2.5
+5 Humeral Tray	5	7.5
+10 Humeral Tray	10	12.5
+15 Humeral Tray[†]	15	17.5

*When using a +0mm liner and +0mm tray, there will be a 9.3mm buildup between the face of the stem and the thinnest part of the liner.

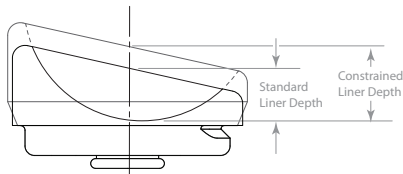
[†]Special order



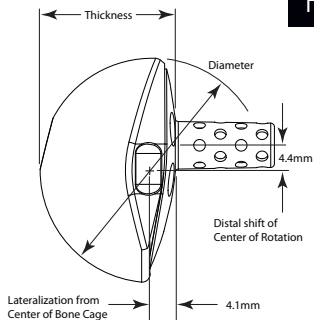
Humeral Liner Depth Comparisons

	Standard Liner Depth (+0mm and +2.5mm)	Constrained Liner Depth (+0mm and +2.5mm)
38 Humeral Liners	8.5	12.0
42 Humeral Liners	8.8	12.6
46 Humeral Liners[†]	8.9	13.1

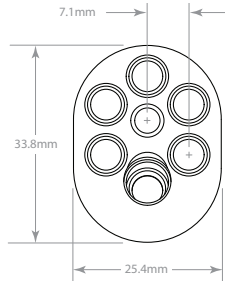
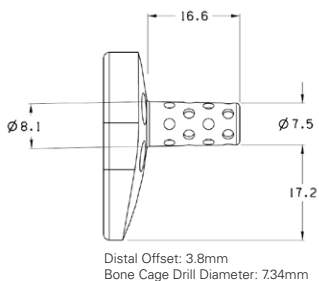
[†]Special order



Reverse Shoulder System Specifications



Standard Glenosphere



Glenosphere/Glenoid Plate

	Diameter	Thickness	Average Lateralization of Center of Rotation
38 Glenosphere	38	23.1	2.3
42 Glenosphere	42	25.1	2.3
46 Glenosphere*	46	27.1	2.3

*Special order

Compression Screws

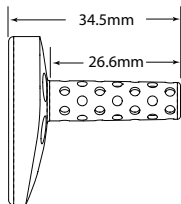
Diameter	Length	Color
4.5	18	White
	22	Black
	26	Orange
	30	Blue
	34	Red
	38	Green
	42	Yellow
	46	Purple



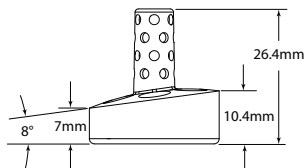
Reverse Shoulder Augmented Glenoid Solutions

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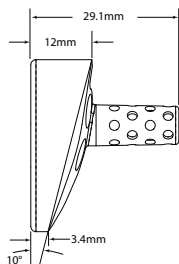
Extended Cage



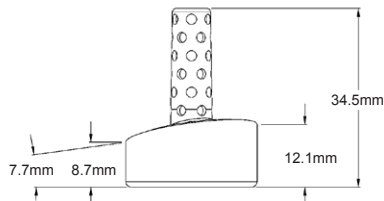
Posterior Augment



Superior Augment



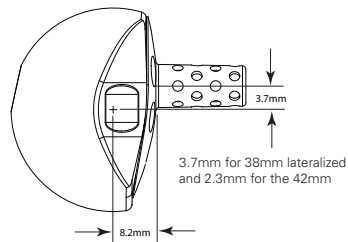
Superior Posterior
Baseplate Posterior Side



Lateralized Glenspheres

The glensphere lateralizes the humerus for medially eroded glenoids that the surgeon desires not to bone graft. The glenspheres are +4mm laterally offset. Inferior offsets are 3.7mm for the 38mm glensphere and 2.3mm for the 42mm glensphere.

Lateralized Glensphere



Humeral Head Cut

- Humeral reduction can sometimes be challenging at the end of a case. To prevent this, we recommend making an aggressive resection at, or just distal

to, the anatomic neck. Care should be taken not to make a resection with more than 20 degrees of retroversion as this will limit internal rotation.

Glenoid Preparation

- The glenoid reamers are large and could hit the retractors, so it may be helpful to position the reamer and then remove the posterior glenoid retractor before starting to ream.
- It is critical to ream to the size of the largest potential glenosphere. Discuss with your surgeon the best approach for the patient.
- There is no interference fit between the glenoid baseplate and its inserter – don't let the doctor drop it on the floor.
- Start the reamer prior to engaging bone.
- It is not recommended to ream down to subchondral bone or inferior tilt. Be sure to mention this to new surgeons during their first few cases.

Glenosphere Insertion

- Restoring the lateral position of the humerus may reduce instability and improve active internal/external rotation. Muscle shortening may be the primary mechanism for limited ER/IR. Using the largest possible glenosphere is suggested to provide a more lateral position of the humerus, increase deltoid wrapping and restore the anatomic RC tension for more favorable ROM.²
- In every system, placing the glenosphere on the baseplate can be challenging. Encourage the surgeon to start with the Klimo inserter. If the surgeon has difficulty with glenoid exposure, encourage him/her to remove the posterior retractor as the glenosphere is being inserted. Change instruments quickly if one doesn't work initially. When possible, let the surgeon play with a sample glenosphere and baseplate to see how it feels.

- There is no need to impact the glenosphere, as there is no Morse taper. This is more about gentle finesse than brute force. Once the glenosphere slides into place, use the screw to definitively seat it.



Note: *The Glenosphere Locking Screw is placed perpendicular to the hole within the Glenosphere and the Glenoid Baseplate, which are aligned with one another. Note that the outer periphery of the apical hole of the Glenosphere is curved because of the intersection of the articular curvature on the superior surface of the device. The Glenosphere Locking Screw should not be inserted perpendicular to this articular curvature but instead be inserted perpendicular to the Baseplate and hole within the Glenosphere.*

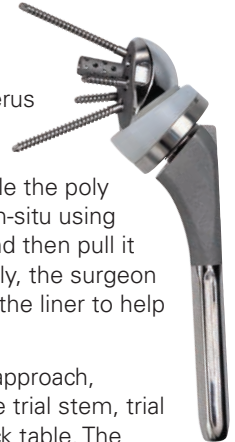
- Pay attention to the “travel distance” of the locking screw. It has to travel within the glenosphere and takes several turns to seat it. If you hear the glenosphere locking screw “squeaking” prior to the screw head being recessed in the glenosphere apical hole—STOP. The glenosphere is not seated on the baseplate correctly. Have the surgeon run an instrument along the backside of the glenosphere to feel for the plate. The surgeon should not feel any of the plate if the glenosphere is seated properly. Make sure no soft tissue or bone impinging on the baseplate. They can also visually assess this anteriorly. Use the slide inserter as a depth gauge to check that the glenosphere is fully seated.

Humeral Components

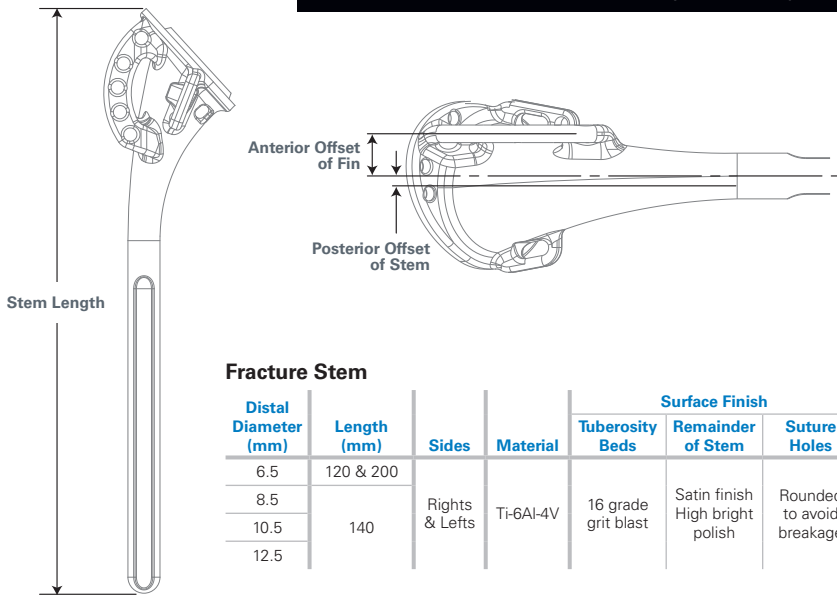
- Ensure the trial tray is oriented so that the lateral fin marker on the tray is aligned with the lateral fin on the stem.
- The big lip of the poly should be inferior with the Equinox Reverse.
- It can also be helpful to place the torque defining screw through the humeral tray before connecting it to the stem so that the threads engage easier.

Trial Reductions

- If the humerus is not quite able to be reduced, ask the surgeon if the patient is completely relaxed or paralyzed—that can make the difference.
- Surgeons have had success rotating the humeral tray 180 degrees, so the lip of the poly is superior. This has enabled an initial reduction. Performing a trial reduction in this orientation stretches out the soft tissues enough so that the surgeon can then dislocate the shoulder, correct the tray orientation and then get it properly reduced.
- Longitudinal traction in 45 degrees abduction/flexion or scaption with the thumb on the greater tuberosity, is better than trying to reduce it with the arm by the side.
- In certain patient anatomies, it may be difficult to get the humerus dislocated in order to remove the trials. The surgeon can disassemble the poly liner trial from the tray in-situ using the liner removal tool and then pull it out in pieces. Additionally, the surgeon can use a bone hook in the liner to help dislocate the trials.
- For the superior lateral approach, consider assembling the trial stem, trial tray and liner on the back table. The same thing can be done with the final implants. Some of our humeral instruments are not ideal for the superior lateral approach.



Platform Fracture Stem System Specifications



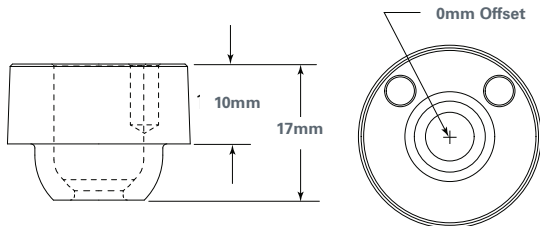
Fracture Stem

Distal Diameter (mm)	Length (mm)	Sides	Material	Surface Finish			Inherent Posterior Offset (mm)	Anterior Offset of Fin (mm)
				Tuberosity Beds	Remainder of Stem	Suture Holes		
6.5	120 & 200	Rights & Lefts	Ti-6Al-4V	16 grade grit blast	Satin finish High bright polish	Rounded to avoid breakage	1.8	6.0
8.5	140						1.8	7.5
10.5							1.8	7.5
12.5							1.8	7.5

Fixed Angle Replicator Plate Features/Benefits:

- Streamlines and simplifies the procedure for hemi-arthroplasty
- Has no built-in offset, compared with the 1.5mm and 4.5mm offsets on the standard replicator plate for TSA
- The 1.5mm and 4.5mm replicator plates may also be used
- Can be easily removed in order to convert a failed hemi-arthroplasty to a reverse

System Specifications

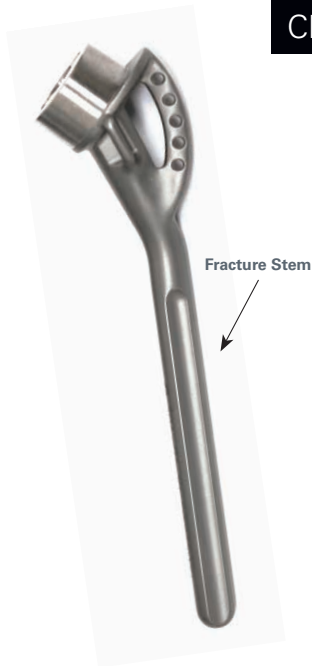


Platform Fracture Stem Surgical Pearls

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- The stem trial is larger than the final implant to account for cement, so it should fit snugly.
- The hole position on the anterior fin of the trial is identical to the final implant and serves as a guide to reproduce height.
- When using the fracture stem and the reverse, it is not necessary to repair the lesser unless it is very compliant and repairs easily. The priority for fixation of the fracture when using the reverse should be the infraspinatus portion of the greater tuberosity.
- When using the fracture stem and reverse, repairing the entire greater tuberosity with attached supraspinatus may be difficult. If so, split the tuberosity, let the supraspinatus fly and repair the greater tuberosity that contains the infraspinatus footprint. If the entire greater tuberosity repairs easily, then repair the whole thing.
- Suture holes on the face of the stem are available for tuberosity of soft tissue attachment.
- The cerclage suture may be loaded through the medial stem hole prior to stem insertion.
- Before placing the tray or head, pass the greater tuberosity horizontal sutures through the bar and lateral fin. Once the head or tray is in place, it is very difficult to pass those sutures through the stem. The lesser tuberosity sutures may be passed through the stem after the head or tray is placed, as these are still accessible.

Classic Fracture Stem

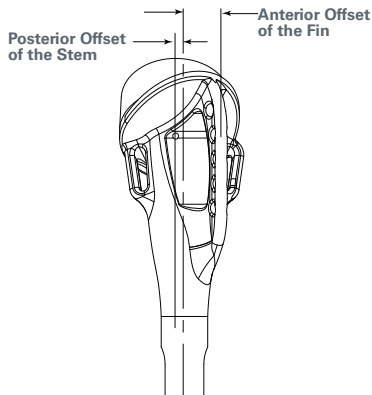
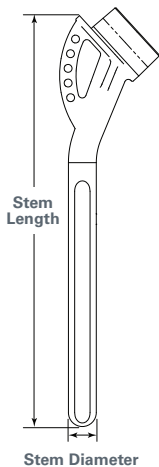


Features:

- Fixed angle taper
- 3 sizes (7mm, 9.5mm, 12.5mm)
- Suture handles allow more versatility in suture techniques
- Anatomic lateral fin provides structure to attach tuberosities
- Fin used to set version by alignment with bicipital groove

Note: *Be sure to bring the Classic Fracture Stem removal tool to revision cases.*

Classic Fracture Stem System Specifications



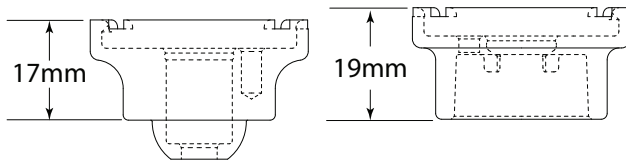
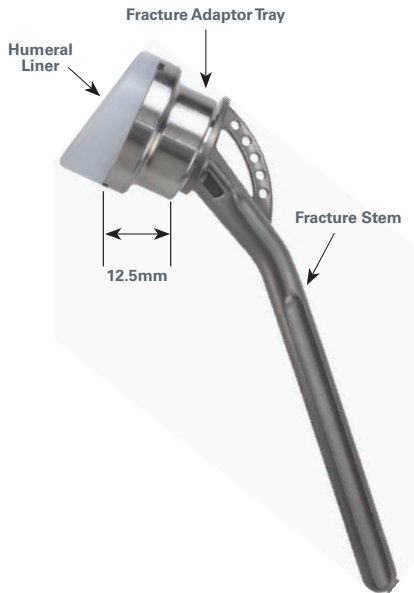
Left

Right

Fracture Stem

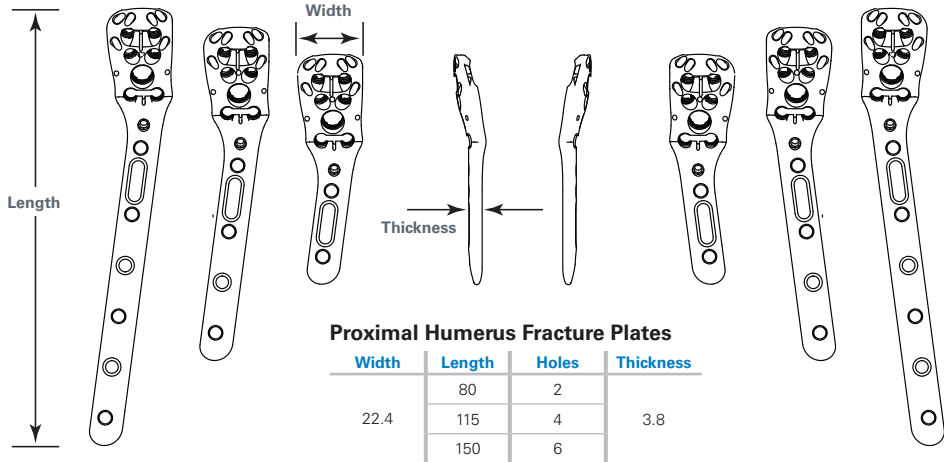
Distal Diameter (mm)	Length (mm)	Sides	Material	Surface Finish			Inherent Posterior Offset (mm)	Anterior Offset of Fin (mm)
				Tuberosity Beds	Remainder of Stem	Suture Holes		
7.0	140 & 200	Rights & Lefts	Ti-6Al-4V	16 grade grit blast	Satin finish grit blast	Rounded to avoid breakage	1.8	6.0
9.5	140						1.8	7.5
12.5							1.8	7.5

Classic Fracture Stem System Specifications



Note: The Classic Fracture Reverse Adaptor Tray has a thickness of 12.5mm and when combined with the Reverse Humeral Tray, adds 19mm of height to the humeral construct. For comparison purposes, the +10mm Reverse Tray is shown on the left with a buildup of 17mm.

Fx Plate System Specifications



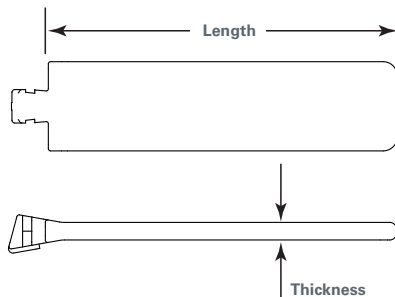
All dimensions are in millimeters. All implants are 316L stainless steel.

Fx Plate System Specifications

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Humeral Blades

Thickness	Length
2	25
	30
	35
	40
	45
	50
	55



Blade Locking Screw



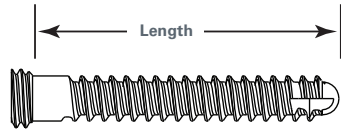
All dimensions are in millimeters.

Fx Plate System Specifications

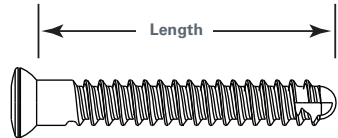
Locking Screws

Diameter	Length	Color	Diameter	Length	Color
3.8	20	Black	6.5	32	Blue
	23			35	
	26	Orange		38	Red
	29			41	
	32	Blue		44	Green
	35			47	
	38	Red		50	Yellow
	41			53	
	44	Green		56	Purple
	47				
	50	Yellow			
	53				
	56	Purple			

Locking Screws



Compression Screws



All dimensions are in millimeters.

Fx Plate Surgical Pearls



It is important to understand the many different options available for each step. Know each instrument, when it will be used, why it is designed this way and what alternatives are available.

To prepare for the superior and inferior 3.8 mm locking screws, the system has two threaded drill guides, 2.8mm or 3.3mm. 3.3 is the most common, but the smaller is provided if the surgeon chooses.

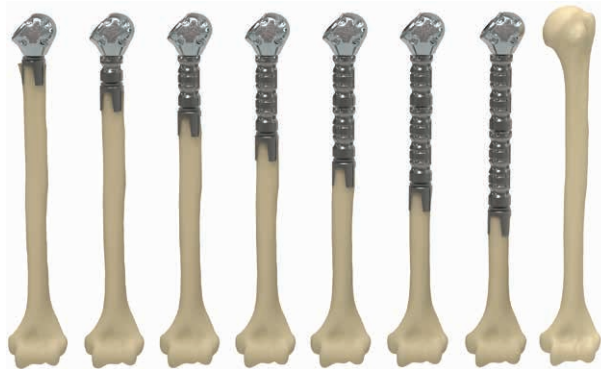
Screws

- The 3.8mm Locking Screws are used for the shaft and surgeons achieve bi-cortical fixation with these screws. The compression screw in the large slot is used initially to get the plate oriented at the correct height. The surgeon will loosen this screw, adjust the height and tighten it back down using fluoro images to provide radiographic feedback.
- Once the plate is compressed to the shaft, the 3.8mm locking screws are used bi-cortically.
- The 3.8mm and 6.5mm locking screws are inserted into the humeral head and are not bi-cortical. They have a soft radius so that in cases of perforation, there will be less damage to the articulating surface. Screws are fixed angle so the preparation must be precise, using the threaded or snap-in drill guides.
- Locking Screws
 - Lock to the plate by threading to it to prevent screw back-out
 - Provide a rigid construct
 - Screw pattern is reproducible, divergent and dependable.

Blades

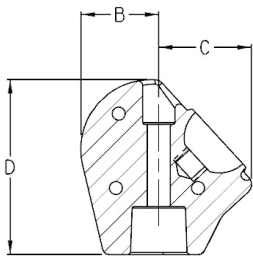
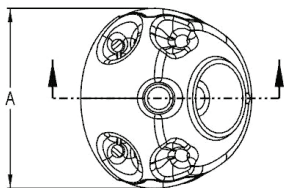
- The blades are completely unique to our plate, which is a major point of differentiation, but ensure that the surgeon knows he doesn't have to use a blade.
- To guide the osteotome better, we suggest first drilling the two holes (as if you were going to use two screws) and then let those two holes guide the osteotome to prepare the slot for the blade.
- Some surgeons use a small 9mm wide oscillating saw to prepare the bone for the osteotome.
- The osteotome can be used through the jig or without the jig. Each side of the osteotome is marked either "jig" or "no jig." Though the surgeon may find using the "jig" is easier.
- When inserting the final locking blade implant, the jig must be removed.

Humeral Reconstruction Prosthesis



The Humeral Reconstruction Prosthesis is a platform system designed for massive humeral bone loss, including hemi, anatomic or reverse arthroplasty. This solution provides reconstruction heights from 50mm to 222.5mm.

Humeral Reconstruction Prosthesis



Humeral Reconstruction Proximal Bodies

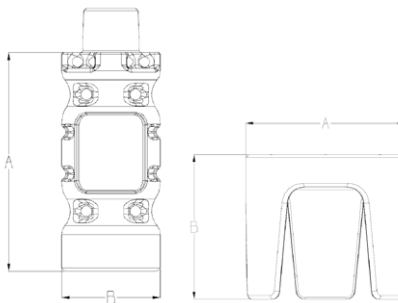
	A	B	C	D
Extra Small	35	13.6	19.9	40
Small	37.2	15.8	19.9	40
Medium	41.2	17.8	21.2	40
Large	43.3	22.8	21.4	40
Extra Large	43.4	27.8	22	40
Extra Small 12.5	35	13.6	19.9	52.5
Small 12.5	37.2	15.8	19.9	52.5
Medium 12.5	41.2	17.8	21.2	52.5
Large 12.5	43.3	22.8	21.4	52.5
Extra Large 12.5	43.4	27.8	22	52.5

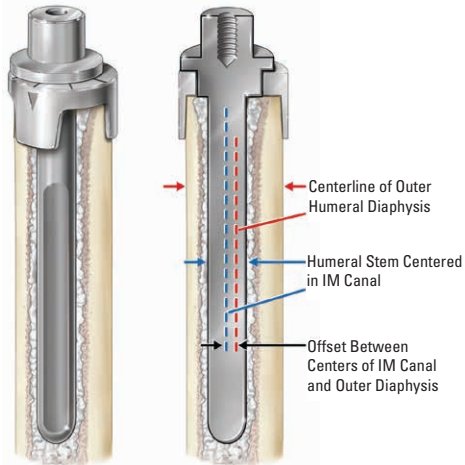
Humeral Reconstruction Prosthesis



Middle Segments	Length	Diameter
	A	B
25mm	25	22.5
50mm	50	22.5
75mm	75	22.5

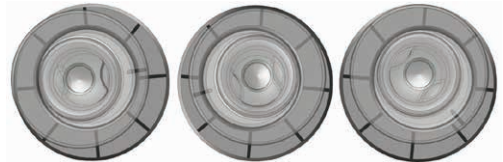
Collars	Diameter	Length
	A	B
17.5mm	17.5	25
18.5mm	18.5	25
19.5mm	19.5	25
20.5mm	20.5	25
21.5mm	21.5	25
22.5mm	22.5	25
23.5mm	23.5	25
24.5mm	24.5	25
25.5mm	25.5	25
26.5mm	26.5	25
27.5mm	27.5	25
28.5mm	28.5	25
29.5mm	29.5	25
30.5mm	30.5	25
31.5mm	31.5	25
32.5mm	32.5	25
33.5mm	33.5	25





Trialing of the distal collar and distal stem offset (1mm each) helps account for the positional differences between the outer and inner diameters of the humeral diaphysis; these dual eccentricities allow for anatomic differences from 0 to 2mm and help to ensure a uniform cement mantle with the humeral stem in the IM canal.

Rotation Stability



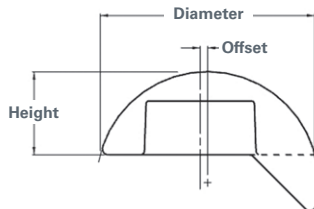
Multiple dual offset combinations of stem and collar

Use of the dual offset tapers to center the distal stem within the intramedullary canal and provide a uniform thickness cement mantle while also ensuring the collars fit the humeral diaphysis.

CTA Head



Diameter	Height			Material
	Short	Tall	Offset	
38	16	19	0.5	Co-Cr
41	16	20	1.5	
44	17	21	1.5	
47	18	22	1.5	
50	19	23	1.5	
53	20	24	1.5	

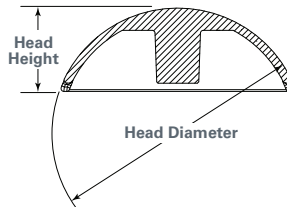
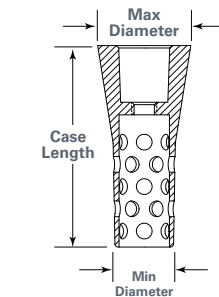


Due to the geometry of the extended articular surface, the underside of the CTA Head could interfere with the lateral fin of the humeral stem. The interference occurs when the replicator plate is oriented purely medial in the configurations as detailed in the table above.

Humeral Resurfacing

The Equinoxe® Shoulder System redefines “anatomical.” The design goal of the resurfacing humeral head is to offer a bone preserving treatment option for the skeletally mature patient with early-stage arthritis

- **Modularity:** Facilitates implantation through a cuff-preserving approach (if desired), leaving the subscapularis essentially intact.
- **Anatomic Sizing:** Prevents overstuffing of the joint and aids in restoring the patient’s own unique humeral head anatomy with anatomic sized implants.
- **Low Profile Instrumentation:** Cannulated system facilitates a seamless transition between surgical steps.



SYSTEM SPECIFICATIONS

Cage Length	Min. Diameter	Max. Diameter
25mm	9.5mm	14.8mm
30mm	9.3mm	14.8mm

Resurfacing Head	Head Diameter	Head Height
38	38mm	14mm
41	41mm	14mm
44	44mm	15mm
47	47mm	16mm
50	50mm	17mm
53	53mm	18mm

Darrach Retractor: The Darrach Retractor retracts the proximal humerus posteriorly to facilitate exposure of the glenoid, which enhances exposure of the face of the glenoid.

Hohmann Retractor: The Hohmann Retractor is the most versatile retractor on the set. It can be used to retract the humeral head and expose the medial humeral shaft and superior glenoid. This levering retractor can be placed under the rotator cuff insertion superiorly for humeral neck resection.

Humeral Head Retractor: The Humeral Head Retractor is used to displace the proximal humerus posteriorly to provide easier access to the glenoid. Some surgeons might call this a posterior glenoid retractor.

Wolfe Retractor: The Wolfe Retractor is quite similar to the Humeral Head Retractor except that the curvature is reduced so it does not

obstruct direct access to the glenoid, which is needed to use the larger reamers and for insertion of the glenosphere.

Dual & Single Point Glenoid Retractors: Dual and Single Point Glenoid Retractors are placed anteriorly along the glenoid neck to retract the anterior soft tissues for glenoid exposure.

Forked (Playboy) Retractors: Forked (Playboy) Retractors are placed along the inferior glenoid neck for downward displacement of the humeral head to facilitate glenoid exposure.

Deltoid (Brown) Retractor: The Deltoid (Brown) Retractor is useful in total, reverse and fracture cases to retract the deltoid posteriorly and expose the humeral head/proximal humerus. The wide surface area keeps the deltoid from being torn. It is not necessary for the deep dissection part of the case.

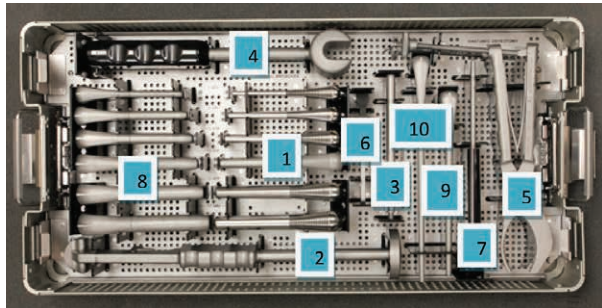
Instrument Trays

Instrument Kit Trays	Primary	Post Aug Glen	Reverse	Plat Fx Rev	Plat Fx Hemi	Fx Plate	CTA Head	Humeral Resurfacing	Humeral Resurfacing w/Glenoid	Humeral Recon Hemi	Humeral Recon Reverse
KIT-311A - Humeral Broach & Trial Tray	x	x	x				x				
KIT-311B - Humeral Reamer & Replicator Tray	x	x	x				x				
KIT-311C - Humeral Head Kit	x	x			x					x	
KIT-311D - Glenoid Instrument Kit (2 Trays)	x	x							x		
KIT-311E - Posterior Augment Glenoid Kit	x	x									
KIT-311F - Retractor Kit		x					x	x	x	x	x
KIT-311G - CTA Humeral Head Kit	x	x	x	x			x				
KIT-311H - Humeral Head Resurfacing Kit								x	x		
KIT-311J - Humeral Reconstruction Prosthesis Kit										x	x
KIT-313 - Platform Fx Stem				x	x						
KIT-321A - Reverse Shoulder Kit			x	x							x
KIT-321B - Reverse Reamer Caddy			x	x							x
KIT-340FX - Fracture Plate Implant Kit						x					
KIT-341FX - Fracture Plate Instrument Options						x					

Optional Instruments

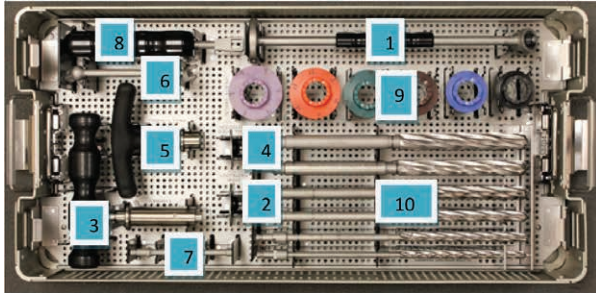
Optional Instrument Kit Trays	Primary	Reverse
OPT-311CS - Rotator Sparing Cuff Instrument	x	
OPT-311PC - Posterior Augment Cage Depth Gauges	x	
OPT-311S - 16° Posterior Augment Glenoid Instrument	x	
OPT-311XS - XS Humeral Head Instrument	x	
OPT-320PHS - Primary Humeral Stem Implant Kit		x
OPT-32146 - Reverse Shoulder 46mm Glenosphere Options		x
OPT-321AG - Reverse Augmented Glenoid Instrument Options		x
OPT-321SL - Opt Supero-Lat Instrument For Reverse Technique		x
OPT-321SPA - Superior-Posterior Reverse Augment Instrument		x

Humeral Broach & Trial Tray Kit 311A



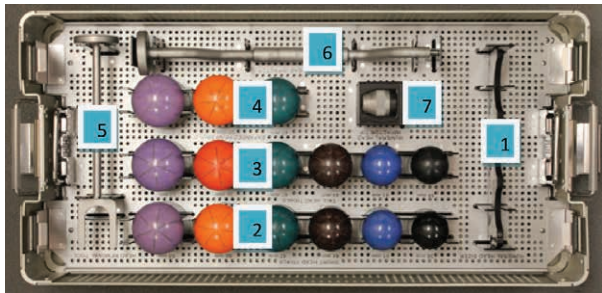
	Item	Description
1	301-01-07	Broach 7mm
	301-01-09	Broach 9mm
	301-01-11	Broach 11mm
	301-01-13	Broach 13mm
	301-01-15	Broach 15mm
	301-01-17	Broach 17mm
2	301-03-01	Modular Broach Handle
3	301-03-10	Retroversion Handle
4	301-07-01	Mallet
5	311-01-01	Anatomic Osteotomy Guide
6	311-01-10	132.5 Deg Osteotomy Guide
7	315-07-20	Drill Guide Handle
8	321-01-07	7mm Humeral Stem Trial
	321-01-09	9mm Humeral Stem Trial
	321-01-11	11mm Humeral Stem Trial
	321-01-13	13mm Humeral Stem Trial
	321-01-15	15mm Humeral Stem Trial
	321-01-17	17mm Humeral Stem Trial
9	321-02-08	Eq Hum Stem Trial 8X175mm
10	321-03-08	Eq Hum Stem Trial 8X215mm

Humeral Reamer & Replicator Tray Kit 311B



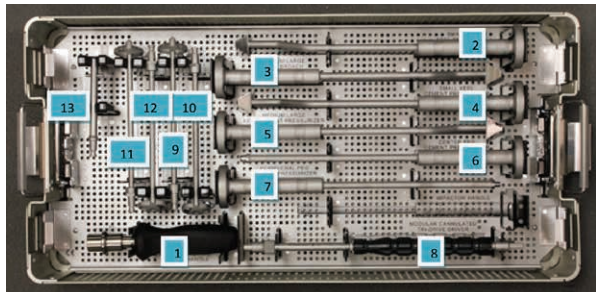
	ITEM	DESCRIPTION
1	301-07-10	Prim Stem Inserter Extractor
2	301-07-20	Stem Protector
3	301-07-30	T-Handle
4	301-07-60	Sm Stem Protector
5	301-07-70	Sm T-Handle
6	301-10-00	Replicator Handle
7	301-10-10	Torque Defining Screw Removal
8	301-10-35	Mod Anatomic Replicator Handle
9	301-10-38	Plate Dial 38mm
	301-10-41	Plate Dial 41mm
	301-10-44	Offset Plate Dial 44mm
	301-10-47	Offset Plate Dial 47mm
	301-10-50	Offset Plate Dial 50mm
	301-10-53	Offset Plate Dial 53mm
10	301-15-07	7mm Fluted Straight Reamer
	301-15-09	9mm Fluted Straight Reamer
	301-15-11	11mm Fluted Straight Reamer
	301-15-13	13mm Fluted Straight Reamer
	301-15-15	15mm Fluted Straight Reamer
	301-15-17	17mm Fluted Straight Reamer

Humeral Head Tray Kit 311C



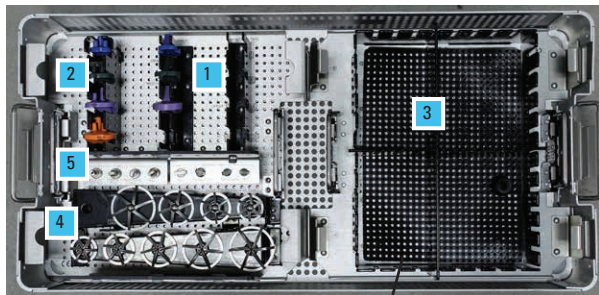
	Item	Description
1	311-01-20	Humeral Head Sizer
	311-01-38	Short Head Trial 38mm
	311-01-41	Short Head Trial 41mm
	311-01-44	Short Head Trial 44mm
	311-01-47	Short Head Trial 47mm
	311-01-50	Short Head Trial 50mm
	311-01-53	Short Head Trial 53mm
2	311-02-38	Tall Head Trial 38mm
	311-02-41	Tall Head Trial 41mm
	311-02-44	Tall Head Trial 44mm
	311-02-47	Tall Head Trial 47mm
	311-02-50	Tall Head Trial 50mm
	311-02-53	Tall Head Trial 53mm
	3	311-03-47
311-03-50		Expanded Head Trial 50mm
311-03-53		Expanded Head Trial 53mm
5	311-05-01	Head Removal Tool
6	311-07-05	Humeral Head Impactor
	311-07-07	Humeral Head Impactor Tip

Glenoid Tray #1 Kit 311D



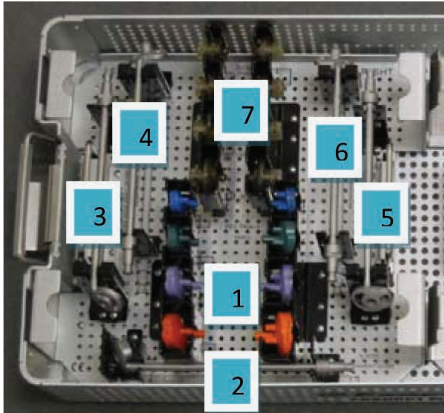
	Item	Description
1	301-07-50	Eq Screw Drive Handle
2	315-09-02	Sm Keel Broach
3	315-09-03	Md/Lg Keel Broach
4	315-09-04	Cement Pressurizer Sm Keel Broach
5	315-09-05	Cement Pressurizer Md/Lg Keel
6	315-09-06	Cement Pressurizer Central Peg
7	315-09-08	Cement Pressurizer Peripheral Peg
8	315-25-00	Modular Canulated Tridrive Driver
9	315-27-02	Glenoid Drill Guide Peripheral R
10	315-27-03	Glenoid Drill Guide Center Hole R
11	315-27-04	Glenoid Drill Guide Peripheral L
12	315-27-05	Glenoid Drill Guide Center Hole L
13	321-07-10	Glenoid Plate Coring Reamer

Glenoid Tray #2 Kit 311D



	Item	Description
1	315-01-02	Sm Keel Trial
	315-01-03	Md Keel Trial
	315-01-04	Lg Keel Trial
2	315-12-02	Glenoid Peg Trial Sm
	315-12-03	Glenoid Peg Trial Md
	315-12-04	Glenoid Peg Trial Lg
	315-12-05	Glenoid Peg Trial XL
3	311-07-06	Glenoid Spider Impactor Tip
	315-30-02	Spider Impactor Tip
	315-30-03	Spider Impactor Tip
	315-30-04	Spider Impactor Tip
	315-30-13	Spider Impactor Tip
	315-30-14	Spider Impactor Tip
	315-30-15	Spider Impactor Tip
315-27-06	Glenoid Drill Guide Keel	
4	315-25-11	Modular Prm Rmr Xsm Plt Tip
	315-25-12	Modular Prm Rmr Sm Plt Tip
	315-25-13	Modular Prm Rmr Md Plt Tip
	315-25-14	Modular Prm Rmr Lg Plt Tip
	315-25-15	Modular Prm Rmr XL Plt Tip
	315-35-11	Modular Prm Rmr Xsm Cnltd
	315-35-12	Modular Prm Rmr Sm Cnltd
	315-35-13	Modular Prm Rmr Md Cnltd
	315-35-14	Modular Prm Rmr Lg Cnltd
315-35-15	Modular Prm Rmr XL Cnltd	
5	315-27-40	Eq Drill Guide Peripheral Holding Pin
	315-27-60	Modular Drill Center Keel/Peg Drill
	315-27-61	Modular Drill Short Keel Drill
	315-27-62	Modular Drill Peripheral Peg Drl
	315-27-63	Modular Drill Cannulated
	315-07-30	Center Trial Peg Holding Pin
	315-07-40	Holding Pin

Posterior Augment Glenoid Kit 311E*

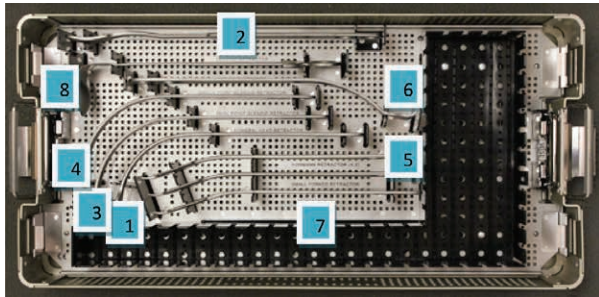


	Item	Description
1	315-12-22	Glenoid Peg Trial
	315-12-23	Glenoid Peg Trial
	315-12-24	Glenoid Peg Trial
	315-12-25	Glenoid Peg Trial
	315-12-32	Glenoid Peg Trial
	315-12-33	Glenoid Peg Trial
	315-12-34	Glenoid Peg Trial
2	315-12-35	Glenoid Peg Trial
	315-27-11	Pst Aug Kwire Algmt Gd
3	315-27-12	Glenoid Drill Guide Center Hole L
4	315-27-13	Glenoid Drill Guide Peripheral L
5	315-27-14	Glenoid Drill Guide Center Hole R
6	315-27-15	Glenoid Drill Guide Peripheral R
7	315-27-22	Glenoid Ream Guide Sm Pst- Aug L
	315-27-23	Glenoid Ream Guide Md P-Aug L
	315-27-24	Glenoid Ream Guide Lg P-Aug L
	315-27-25	Glenoid Ream Guide XL P-Aug L
	315-27-32	Glenoid Ream Guide Sm P-Aug R
	315-27-33	Glenoid Ream Guide Md P-Aug R
	315-27-34	Glenoid Ream Guide Lg P-Aug R
	315-27-35	Glenoid Ream Guide XL P-Aug R

*Note: Right side of case will be an empty generic tray.

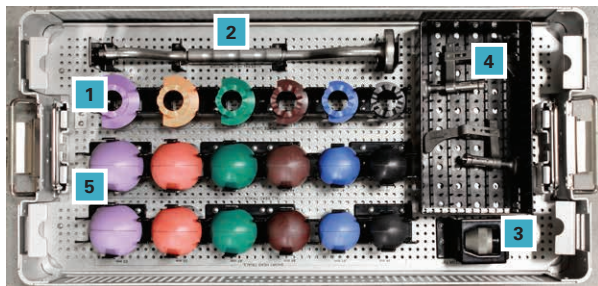
Retractor Tray Kit 311F

45



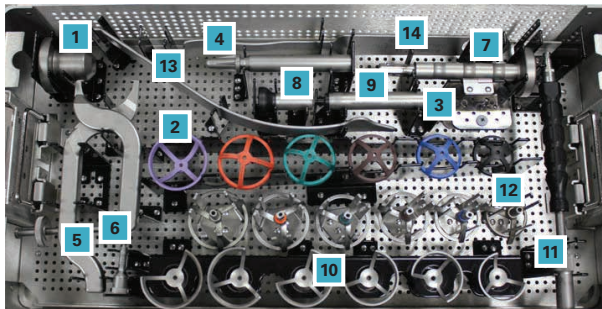
	Item	Description
1	317-01-02	Hum Hd Rtctr
2	317-01-03	Darrach Rtctr
3	317-01-04	Dual Point GlnD Rtctr
4	317-01-05	Sgl Point GlnD Rtctr
5	317-01-06	Hohmann Rtctr
6	317-01-08	Wolfe Rtctr
7	317-20-01	Sm Forked Rtctr
8	317-20-03	Deltoid Rtctr

CTA Head Tray Kit 311G



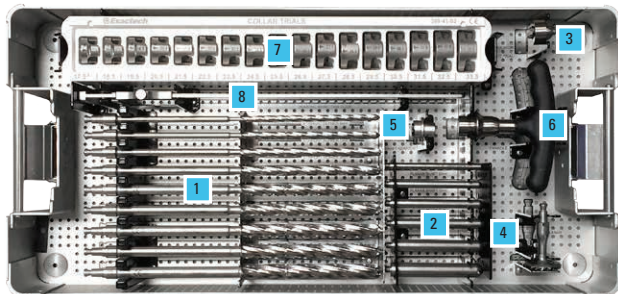
	Items	Description
1	301-21-38	Cta Plate Dial, 38mm
	301-21-41	Cta Plate Dial, 41mm
	301-21-44	Cta Plate Dial, 44mm
	301-21-47	Cta Plate Dial, 47mm
	301-21-50	Cta Plate Dial, 50mm
	301-21-53	Cta Plate Dial, 53mm
2	311-07-05	Hum Hd Impctr
3	311-07-07	Hum Hd Impctr Tip
4	311-21-01	Cta Cut Guide, Left
	311-21-02	Cta Cut Guide, Right
5	311-21-38	Cta Humeral Head
	311-21-41	Cta Humeral Head
	311-21-44	Cta Humeral Head
	311-21-47	Cta Humeral Head
	311-21-50	Cta Humeral Head
	311-21-53	Cta Humeral Head
	311-22-38	Cta Humeral Head
	311-22-41	Cta Humeral Head
	311-22-44	Cta Humeral Head
	311-22-47	Cta Humeral Head
	311-22-50	Cta Humeral Head
	311-22-53	Cta Humeral Head

Resurfacing Tray Kit 311H



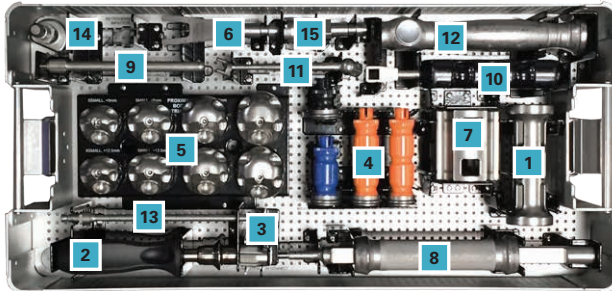
	Items	Description
1	313-01-10	Resurfacing Back Table Assembly
	313-01-38 313-01-41	Resurfacing Head Trial, 38mm Resurfacing Head Trial, 41mm
2	313-01-44	Resurfacing Head Trial, 44mm
	313-01-47	Resurfacing Head Trial, 47mm
	313-01-50	Resurfacing Head Trial, 50mm
	313-01-53	Resurfacing Head Trial, 53mm
3	313-05-01	Resurfacing Cage Drill (short)
	313-05-02	Resurfacing Cage Drill (long)
4	313-05-10	Cage Tamp
5	313-07-01	Resurfacing Head Extractor
6	313-07-02	Resurfacing Cage Extractor
7	313-07-05	Resurfacing Impactor Handle
	313-07-07	Resurfacing Head Impactor Tip
9	313-07-10	Resurfacing Cage Impactor Tip
	313-10-38 313-10-41	Resurfacing Head Sizer, 38mm Resurfacing Head Sizer, 41mm
10	313-10-44	Resurfacing Head Sizer, 44mm
	313-10-47	Resurfacing Head Sizer, 47mm
	313-10-50	Resurfacing Head Sizer, 50mm
	313-10-53	Resurfacing Head Sizer, 53mm
11	313-25-00	Reamer Handle
	313-25-38	Resurfacing Humeral Reamer, 38mm
	313-25-41	Resurfacing Humeral Reamer, 41mm
	313-25-44	Resurfacing Humeral Reamer, 44mm
	313-25-47	Resurfacing Humeral Reamer, 47mm
	313-25-50	Resurfacing Humeral Reamer, 50mm
313-25-53	Resurfacing Humeral Reamer, 53mm	
13	317-20-07	Chandler Retractor
14	317-20-08	Small Darrach Retractor

Humeral Reconstruction Prosthesis Tray Kit 311J



	Item	Description
1	309-15-06/07/08/ 09/10/11/12/13/14	Straight Reamers - 9 Sizes
2	309-01-06/07/ 08/ 09/11/13	Planar Shafts - 6 Sizes
3	301-25-00	Fix Ang Rep Pit Tri - 0mm
4	309-01-32	Planar
5	309-20-00	Planar Shaft Adaptor
6	301-07-70	T-Handle
7	309-05-17/18/19/20/ 21/22/23/24/25/26/27 /28/29/30/31/32/33	Trial Fixation Rings - 17 Sizes
8	309-03-00	Resection Guide

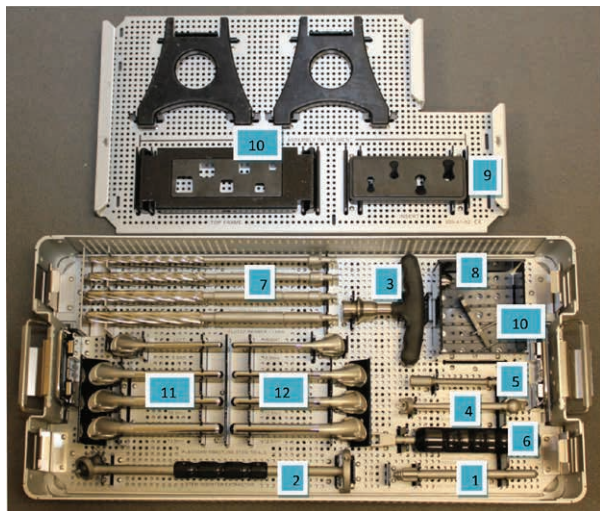
Humeral Reconstruction Prosthesis Tray Kit 311J



	Items	Description
1	309-07-12	Distal Back Table Impactor
2	301-07-50	Ratchet Handle
3	309-07-04	Stem Extractor Connect
4	309-10-25 309-10-50 309-10-75	Middle Segment Trials (black) Middle Segment Trials (blue) Middle Segment Trials (orange, 2 provided)
5	309-09-00/12 309-10- 00/05/10 309-12- 00/05/10	Proximal Body Trials
6	309-07-01	Taper Disengage Wedge
7	309-07-11	Back Table Assembly
8	309-07-03	Slap Hammer
9	301-03-10	Retroversion Bar
10	301-10-00	Replicator Handle
11	301-10-35	Mod Anatomic Replicator Handle
12	309-07-05	Impactor Handle
13	309-07-05	Hex Driver
14	309-07-10	Proximal Body Impactor
15	309-07-09	Middle Segment Impactor

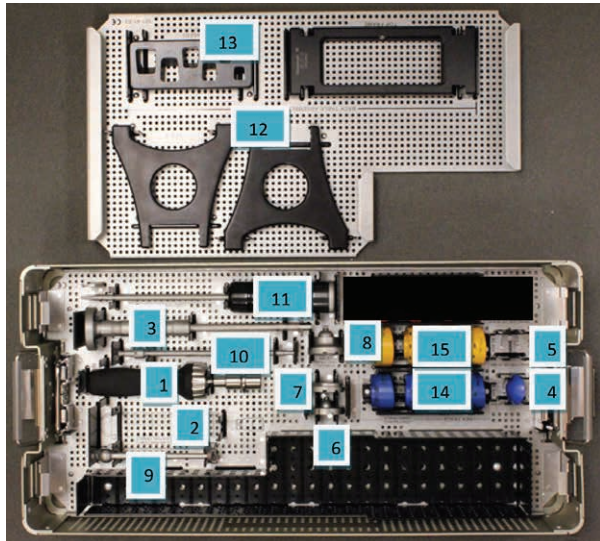
Platform Fx Stem Tray Kit 313

50



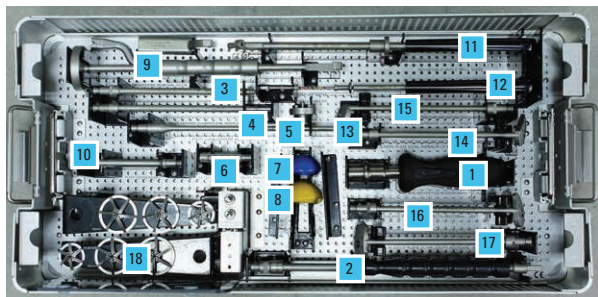
	Item	Description
1	301-03-10	Retroversion Hndl
2	301-07-10	Prm Stm Insrtr Exctr
3	301-07-70	Sm T-Hndl
4	301-10-00	Rplctr Hndl
5	301-10-10	Trq Dfng Scr Rmvl Inst
6	301-10-35	Mod Antmc Rplctr Hndl
7	301-15-07	7mm Fluted Strght Rmr
	301-15-09	9mm Fluted Strght Rmr
	301-15-11	11mm Fluted Strght Rmr
	301-15-13	13mm Fluted Strght Rmr
8	301-25-00	Fix Ang Rep Pit Tri-0mm
9	305-15-00	Backtable Fx Stm Insrt
10	305-21-00	Eq Plt Fx Stm Ht Jig
11	305-21-07	6.5 mm Trl Plt Fx Stm L
	305-21-09	8.5mm Trl Plt Fx Stm L
	305-21-11	10.5mm Trl Plt Fx Stm L
	305-21-13	12.5mm Trl Plt Fx Stm L
12	305-22-07	6.5mm Trl Plt Fx Stm R
	305-22-09	8.5mm Trl Plt Fx Stm R
	305-22-11	10.5mm Trl Plt Fx Stm R
	305-22-13	12.5mm Trl Plt Fx Stm R
13	321-15-22	Universal Backtable Assy

Reverse Humeral Tray Kit 321A



	Item	Description
1	301-07-80	Rtch Scr Drv
2	301-10-00	Rplctr Hndl
3	321-07-05	Impctr Hndl
4	321-07-38	Hum Lnr Impact Tip 38M
5	321-07-42	Hum Lnr Impact Tip 42M
6	321-10-00	Eq Hum Plt Trl Assy +0
7	321-10-05	Eq Hum Plt Trl Assy +5
8	321-10-11	Eq Hum Try Trl +10mm
9	321-10-35	Rv Shldr Mdlr Rplct Hndl
10	321-15-08	Hex Scr Drvr 3.5mm
11	321-15-11	Hum Lnr Rmvl Tool
12	321-15-22	Universal Backtable Assy
13	321-15-23	Backtable Prm Insrt
14	321-38-00	Eq 38mm Lnr Trl
	321-38-03	Eq 38mm Lnr Trl +2.5
	321-38-10	Eq 38mm Lnr Trl Cnst +0
	321-38-13	Eq 38mm Lnr Trl Cnst+2.5
15	321-42-00	Eq 42mm Lnr Trl +0
	321-42-03	Eq 42mm Lnr Trl +2.5
	321-42-10	Eq 42mm Lnr Trl Cnst +0
	321-42-13	Eq 42mm Lnr Trl Cnst+2.5

Reverse Glenoid Tray Kit 321B

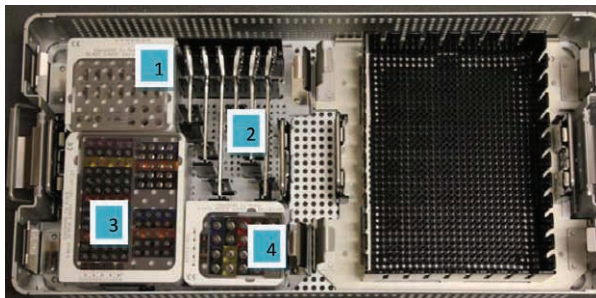


	Item	Description
1	301-07-50	Eq Screw Drive Handle
2	315-25-00	Modular Canulated Tridrive
3	321-01-25	Tapered Glenosphere Inserter
4	321-01-26	Pilot Tapered Glenosphere Inserter
5	321-01-27	Pilot Glenosphere Inserter Slide
6	321-01-28	Glenosphere Inserter Spring Handle
7	321-01-38	Eq 38Mm Glenosphere Trial
8	321-01-42	Eq 42Mm Glenosphere Trial
9	321-02-15	Glenosphere Hook
10	321-07-10	Glenoid Plt Coring Reamer
11	321-15-04	Adjustable Angle Drill Guide
12	321-15-09	Glenoid Screw Depth Gauge
13	321-15-13	Glenoid Plt Insrtr/Impctr
14	321-15-30	Rs Glenoid Plate Guide SI L
15	321-15-31	Rs Glenoid Plate Guide SI R
16	321-15-32	Rs Glenoid Plate Guide Dp L
17	321-15-33	Rs Glenoid Plate Guide Dp R
18	321-21-00	Eq Mdlr Rvs Rmr Hd Caddy
	321-25-01	Mdlr Rv Rmr Strt Plt Tip
	321-25-38	Mdlr Rv Rmr 38mm Plt Tip
	321-25-42	Mdlr Rv Rmr 42mm Plt Tip
	321-35-01	Mdlr Rvs Rmr Strt Cnltd
	321-35-38	Mdlr Rvs Rmr 38mm Cnltd
	321-35-42	Mdlr Rvs Rmr 42mm Cnltd
	315-27-60	Modular Drill Center Keel/Peg Drill
	315-27-63	Modular Drill Cannulated
	321-15-20	Reverse Shoulder Drill Guide Pin
	321-01-29	Universal Rs Inserter
321-01-31	Klimo Inserters*	

*Floating Instrument

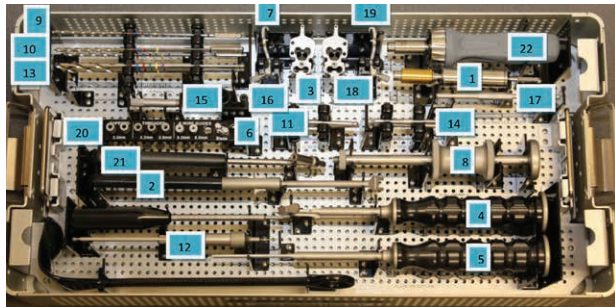
Fx Plate Implants Tray Kit 340

	Item	Description
1	340-00-00	Blade Locking Screw
	340-00-25	Humeral Blade 25mm
	340-00-30	Humeral Blade 30mm
	340-00-35	Humeral Blade 35mm
	340-00-40	Humeral Blade 40mm
	340-00-45	Humeral Blade 45mm
	340-00-50	Humeral Blade 50mm
2	340-00-55	Humeral Blade 55mm
	340-01-01	Fracture Plate 80mm
	340-01-02	Fracture Plate 115mm
	340-01-03	Fracture Plate 150mm
	340-02-01	Fracture Plate 80mm
	340-02-02	Fracture Plate 115mm
	340-02-03	Fracture Plate 150mm
3	340-38-20	3.8mm Locking Screw
	340-38-23	3.8mm Locking Screw
	340-38-26	3.8mm Locking Screw
	340-38-29	3.8mm Locking Screw
	340-38-32	3.8mm Locking Screw
	340-38-35	3.8mm Locking Screw
	340-38-38	3.8mm Locking Screw
	340-38-41	3.8mm Locking Screw
	340-38-44	3.8 mmLocking Screw
	340-38-47	3.8mm Locking Screw
	340-38-50	3.8mm Locking Screw
	340-38-53	3.8mm Locking Screw
	340-38-56	3.8mm Locking Screw
	340-40-20	3.8mm Locking Screw
	340-40-23	3.8mm Locking Screw
	340-40-26	3.8mm Locking Screw
340-40-29	3.8mm Locking Screw	
340-40-32	3.8mm Locking Screw	



	Item	Description
3	340-41-20	3.8mm Compression Screw
	340-41-23	3.8mm Compression Screw
	340-41-26	3.8mm Compression Screw
	340-41-29	3.8mm Compression Screw
	340-41-32	3.8mm Compression Screw
	4	340-65-32
340-65-35		6.5mm Locking Screw
340-65-38		6.5mm Locking Screw
340-65-41		6.5mm Locking Screw
340-65-44		6.5mm Locking Screw
340-65-47		6.5mm Locking Screw
340-65-50		6.5mm Locking Screw
340-65-53		6.5mm Locking Screw
340-65-56		6.5mm Locking Screw

Fx Plate Instruments Tray Kit 341



	Item	Description
1	341-01-00	Torque Limiting Adaptor
2	341-01-01	Targeting Jig Handle
3	341-01-10	Height Targeting Jigleft
4	341-01-20	Blade Insertor
5	341-01-21	Blade Osteotome
6	341-01-22	Blade K-Wire Guide
7	341-01-23	Blade Holder Left
8	341-01-25	Blade Slap Hammer
9	341-01-28	2.8mm Drill Bit
10	341-01-33	Drill 3.3mm Diameter
11	341-01-38	T-10 Screw Driver
12	341-01-41	Fx Plate Depth Gauge
13	341-01-55	Drill 5.5mm Diameter
14	341-01-65	T-25 Screw Driver
15	341-01-70	Central Hole Funnel
16	341-01-71	Syringe Attachment
17	341-01-72	Graft Impactor Fracture
18	341-02-10	Height Targeting Jigright
19	341-02-23	Blade Holder Right
20	341-02-28	Threaded Guide 2.8mm
	341-02-38	Drill Guide Tube 3.3mm
	341-02-65	Drill Guide Tube 5.5mm
	341-03-38	Tapered Drill Guide
	341-04-65	K-Wire Guide 6.5mm
21	341-05-38	K-Wire Guide 3.8mm
	341-04-38	Drill Guide
22	341-07-80	Ratcheting Screw Driver
	341-35-00	1.6mm X 150mm K-Wire

Platform Fracture Stem Shoulder System

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Catalog No

Part Description

Fracture Stems

304-21-07	Humeral Stem, Fracture, Left, 6.5mm
304-21-09	Humeral Stem, Fracture, Left, 8.5mm
304-21-11	Humeral Stem, Fracture, Left, 10.5mm
304-21-13	Humeral Stem, Fracture, Left, 12.5mm
304-22-07	Humeral Stem, Fracture, Right, 6.5mm
304-22-09	Humeral Stem, Fracture, Right, 8.5mm
304-22-11	Humeral Stem, Fracture, Right, 10.5mm
304-22-13	Humeral Stem, Fracture, Right, 12.5mm
304-23-07	Humeral Long Stem, Fracture, Left, 6.5x200mm
304-24-07	Humeral Long Stem, Fracture, Right, 6.5x200mm

Hemiarthroplasty Implants

Humeral Heads

310-01-38	Humeral Head, Short, 38mm
310-01-41	Humeral Head, Short, 41mm
310-01-44	Humeral Head, Short, 44mm
310-01-47	Humeral Head, Short, 47mm
310-01-50	Humeral Head, Short, 50mm
310-01-53	Humeral Head, Short, 53mm
310-02-38	Humeral Head, Tall, 38mm
310-02-41	Humeral Head, Tall, 41mm
310-02-44	Humeral Head, Tall, 44mm
310-02-47	Humeral Head, Tall, 47mm
310-02-50	Humeral Head, Tall, 50mm
310-02-53	Humeral Head, Tall, 53mm
310-03-47	Humeral Head, Expanded, 47mm
310-03-50	Humeral Head, Expanded, 50mm
310-03-53	Humeral Head, Expanded, 53mm

Catalog No

Part Description

Replicator Plate Kit

300-21-00	Fixed Angle Replicator Plate Kit, 0mm
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Fracture Reverse Implants

Humeral Adapter Trays

320-10-00	Reverse Shoulder, Humeral Adapter Tray, +0mm
320-10-05	Reverse Shoulder, Humeral Adapter Tray, +5mm
320-10-10	Reverse Shoulder, Humeral Adapter Tray, +10mm
320-10-15*	Reverse Shoulder, Humeral Adapter Tray, +15mm

Glenosphere Locking Screw

320-15-05	Reverse Shoulder, Glenosphere Locking Screw
320-38-00	Reverse Shoulder, Humeral Liner, 38mm, +0
320-38-03	Reverse Shoulder, Humeral Liner, 38mm, +2.5
320-38-10	Reverse Shoulder, Constrained Humeral Liner, 38mm, +0
320-38-13	Reverse Shoulder, Constrained Humeral Liner, 38mm, +2.5
320-42-00	Reverse Shoulder, Humeral Liner, 42mm, +0
320-42-03	Reverse Shoulder, Humeral Liner, 42mm, +2.5
320-42-10	Reverse Shoulder, Constrained Humeral Liner, 42mm, +0
320-42-13	Reverse Shoulder, Constrained Humeral Liner, 42mm, +2.5
320-46-00*	Reverse Shoulder, Humeral Liner, 46mm, +0
320-46-03*	Reverse Shoulder, Humeral Liner, 46mm, +2.5
320-46-10*	Reverse Shoulder, Constrained Humeral Liner, 46mm, +0
320-46-13*	Reverse Shoulder, Constrained Humeral Liner, 46mm, +2.5

Glenosphere Locking Screw

320-20-00	Reverse Shoulder, Torque Defining Screw Kit
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*Special order

Platform Fracture Stem Shoulder System

Catalog No	Part Description
Glenspheres	
320-01-38	Reverse Shoulder, Glensphere, 38mm
320-01-42	Reverse Shoulder, Glensphere, 42mm
320-01-46*	Reverse Shoulder, Glensphere, 46mm
Compression Screw/Locking Cap Kits	
320-20-18	Reverse Shoulder, Compression Screw/ Locking Cap Kit, 4.5 x 18mm, White
320-20-22	Reverse Shoulder, Compression Screw/ Locking Cap Kit, 4.5 x 22mm, Black
320-20-26	Reverse Shoulder, Compression Screw/ Locking Cap Kit, 4.5 x 26mm, Orange
320-20-30	Reverse Shoulder, Compression Screw/ Locking Cap Kit, 4.5 x 30mm, Blue
320-20-34	Reverse Shoulder, Compression Screw/ Locking Cap Kit, 4.5 x 34mm, Red
320-20-38	Reverse Shoulder, Compression Screw/ Locking Cap Kit, 4.5 x 38mm, Green
320-20-42	Reverse Shoulder, Compression Screw/ Locking Cap Kit, 4.5 x 42mm, Yellow
320-20-46	Reverse Shoulder, Compression Screw/ Locking Cap Kit, 4.5 x 46mm, Purple
Glenoid Plate	
320-15-01	Reverse Shoulder, Glenoid Plate

Catalog No	Part Description
Standard Platform Fracture Instruments	
301-03-10	Retroversion Handle
301-07-10	Equinoxe Stem Inserter/Extractor
301-07-30	T-Handle
301-10-10	Torque Defining Screw Removal Instrument
301-10-00	Modular Anatomic Replicator Handle
301-10-35	Modular Anatomic Replicator Fork
301-15-07	Manual Fluted Reamer, 7mm
301-15-09	Manual Fluted Reamer, 9mm
301-15-11	Manual Fluted Reamer, 11mm
301-15-13	Manual Fluted Reamer, 13mm
305-21-00	Fracture Stem Positioning Device
305-21-07	Humeral Stem Trial, Fracture, Left, 6.5mm
305-21-09	Humeral Stem Trial, Fracture, Left, 8.5mm
305-21-11	Humeral Stem Trial, Fracture, Left, 10.5mm
305-21-13	Humeral Stem Trial, Fracture, Left, 12.5mm
305-22-07	Humeral Stem Trial, Fracture, Right, 6.5mm
305-22-09	Humeral Stem Trial, Fracture, Right, 8.5mm
305-22-11	Humeral Stem Trial, Fracture, Right, 10.5mm
305-22-13	Humeral Stem Trial, Fracture, Right, 12.5mm
301-25-00	Fixed Angle Replicator Plate Trial

Platform Fracture Stem Shoulder System

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Catalog No Part Description

Hemiarthroplasty Instruments

311-01-38	Humeral Head Trial, Short, 38mm
311-01-41	Humeral Head Trial, Short, 41mm
311-01-44	Humeral Head Trial, Short, 44mm
311-01-47	Humeral Head Trial, Short, 47mm
311-01-50	Humeral Head Trial, Short, 50mm
311-01-53	Humeral Head Trial, Short, 53mm
311-02-38	Humeral Head Trial, Tall, 38mm
311-02-41	Humeral Head Trial, Tall, 41mm
311-02-44	Humeral Head Trial, Tall, 44mm
311-02-47	Humeral Head Trial, Tall, 47mm
311-02-50	Humeral Head Trial, Tall, 50mm
311-02-53	Humeral Head Trial, Tall, 53mm
311-03-47	Humeral Head Trial, Expanded, 47mm
311-03-50	Humeral Head Trial, Expanded, 50mm
311-03-53	Humeral Head Trial, Expanded, 53mm
311-05-01	Head Removal Tool
311-07-05	Impactor
311-07-07	Humeral Head Impactor Tip

Reverse Shoulder Instruments

311-01-10	132.5-degree, Fixed Angle Cutting Guide
315-25-00	Modular Glenoid Driver
315-27-60	Modular Center Peg/Keel Drill
315-27-63	Modular Cannulated Center Peg Drill
321-01-25	Glenosphere Inserter
321-01-26	Pilot Glenosphere Inserter
321-01-27	Glenosphere Inserter Slide
321-01-28	Glenosphere Inserter Spring Handle

Catalog No Part Description

321-01-29	Universal Glenosphere Inserter Clamp
321-01-38	Glenosphere Trial, 38mm
321-01-42	Glenosphere Trial, 42mm
321-01-46*	Glenosphere Trial, 46mm
321-02-15	Glenosphere Removal Hook
321-07-05	Impactor Handle
321-07-10	Glenoid Plate Coring Reamer
321-07-38	Humeral Liner Impactor Tip, 38mm
321-07-42	Humeral Liner Impactor Tip, 42mm
321-07-46*	Humeral Liner Impactor Tip, 46mm*
321-10-00	Humeral Adapter Tray Trial Assembly, +0
321-10-05	Humeral Adapter Tray Trial Assembly, +5
321-10-11	Humeral Adapter Tray Trial Assembly, Captured Screw, +10
301-10-00	Modular Anatomic Replicator Handle
321-10-35	Reverse Shoulder Modular Replicator Handle
321-15-22	Back Table Frame
305-15-00	Back Table Fracture Stem Insert
321-15-30	Modular Glenoid Plate Drill Guide, Left, Superior Lateral
321-15-31	Modular Glenoid Plate Drill Guide, Right, Superior Lateral
321-15-32	Modular Glenoid Plate Drill Guide, Left, Deltpectoral
321-15-33	Modular Glenoid Plate Drill Guide, Right, Deltpectoral
321-15-04	Adjustable Angle Drill Guide
321-20-00	Drill, 2.0mm
321-15-06**	Drill, 3.2mm
321-15-07**	Hex Screwdriver, 3.5mm
321-15-08	Glenoid Screw Depth Gauge
321-15-09	Humeral Liner Removal Tool
321-15-11	

*Special order **Package sterile in kit 321-20-00

Platform Fracture Stem Shoulder System

Catalog No

Part Description

Reverse Shoulder Instruments (Cont.)

321-15-13	Glenoid Plate Inserter/Impactor
321-25-01	Modular Reverse Pilot-Tip Starter Reamer
321-25-38	Modular Reverse Pilot-Tip Reamer, 38mm
321-25-42	Modular Reverse Pilot-Tip Reamer, 42mm
321-25-46*	Modular Reverse Pilot-Tip Reamer, 46mm*
321-35-01	Modular Reverse Cannulated Starter Reamer
321-35-38	Modular Reverse Cannulated Reamer, 38mm
321-35-42	Modular Reverse Cannulated Reamer, 42mm
321-35-46*	Modular Reverse Cannulated Reamer, 46mm*
321-38-00	Humeral Liner Trial, +0, 38mm
321-38-03	Humeral Liner Trial, +2.5, 38mm
321-38-10	Humeral Liner Trial, Constrained, +0, 38mm
321-38-13	Humeral Liner Trial, Constrained, +2.5, 38mm
321-42-00	Humeral Liner Trial, +0, 42mm
321-42-03	Humeral Liner Trial, +2.5, 42mm
321-42-10	Humeral Liner Trial, Constrained, +0, 42mm
321-42-13	Humeral Liner Trial, Constrained, 42mm, +2.5
321-46-00*	Humeral Liner Trial, +0, 46mm
321-46-03*	Humeral Liner Trial, +2.5, 46mm
321-46-10*	Humeral Liner Trial, Constrained, +0, 46mm
321-46-13*	Humeral Liner Trial, Constrained, +2.5, 46mm

Catalog No

Part Description

Retractors

317-01-08	Wolfe Retractor
317-20-01	Forked Retractor – Small
317-01-03	Darrach Retractor
317-01-06	Hohmann Retractor
317-01-02	Humeral Head Retractor
317-01-04	Dual Point Glenoid Retractor
317-01-05	Single Point Glenoid Retractor
317-20-03	Deltoid Retractor

Platform Shoulder System

Catalog No Implant Listing

300-01-07	Humeral stem, primary, press-fit, 7mm
300-01-09	Humeral stem, primary, press-fit, 9mm
300-01-11	Humeral stem, primary, press-fit, 11mm
300-01-13	Humeral stem, primary, press-fit, 13mm
300-01-15	Humeral stem, primary, press-fit, 15mm
300-01-17	Humeral stem, primary, press-fit, 17mm
306-01-08	Humeral long stem, 8x175mm
306-02-08	Humeral long stem, 8x215mm
306-02-10*	Humeral long stem, 10x200mm
306-02-12*	Humeral long stem, 12x200mm
300-10-15	Anatomic Replicator Plate, 1.5mm o/s
300-10-45	Anatomic Replicator Plate, 4.5mm o/s
300-20-02	Torque Defining Screw Kit
310-01-38	Humeral head, short, 38mm
310-01-41	Humeral head, short, 41mm
310-01-44	Humeral head, short, 44mm
310-01-47	Humeral head, short, 47mm
310-01-50	Humeral head, short, 50mm
310-01-53	Humeral head, short, 53mm
310-02-38	Humeral head, tall, 38mm
310-02-41	Humeral head, tall, 41mm
310-02-44	Humeral head, tall, 44mm
310-02-47	Humeral head, tall, 47mm
310-02-50	Humeral head, tall, 50mm
310-02-53	Humeral head, tall, 53mm
310-03-47	Humeral head, expanded, 47mm
310-03-50	Humeral head, expanded, 50mm
310-03-53	Humeral head, expanded, 53mm

Part Description

Catalog No

314-01-02	Glenoid, keeled, alpha, small
314-01-03	Glenoid, keeled, alpha, medium
314-01-04	Glenoid, keeled, alpha, large
314-01-13	Glenoid, keeled, beta, medium
314-01-14	Glenoid, keeled, beta, large
314-02-02	Glenoid, pegged, alpha, small
314-02-03	Glenoid, pegged, alpha, medium
314-02-04	Glenoid, pegged, alpha, large
314-02-13	Glenoid, pegged, beta, medium
314-02-14	Glenoid, pegged, beta, large
314-02-15	Glenoid, pegged, beta, extra large
320-10-00	Humeral Adapter Tray, +0
320-10-05	Humeral Adapter Tray, +5
320-10-10	Humeral Adapter Tray, +10
320-10-15*	Humeral Adapter Tray, +15
320-38-00	Humeral Liner, 38mm, +0
320-38-03	Humeral Liner, 38mm, +2.5
320-38-10	Constrained Humeral Liner, 38mm, +0
320-38-13	Constrained Humeral Liner, 38mm, +2.5
320-42-00	Humeral Liner, 42mm, +0
320-42-03	Humeral Liner, 42mm, +2.5
320-42-10	Constrained Humeral Liner, 42mm, +0
320-42-13	Constrained Humeral Liner, 42mm, +2.5
320-46-00	Humeral Liner, 46mm, +0*
320-46-03	Humeral Liner, 46mm, +2.5*
320-46-10	Constrained Humeral Liner, 46mm, +0*
320-46-13	Constrained Humeral Liner, 46mm, +2.5*

**Special order*

Platform Shoulder System

Catalog No Part Description

Implant Listing (Cont.)

320-20-18	Compression Screw/Locking Cap Kit, 4.5 x 18mm, White
320-20-22	Compression Screw/Locking Cap Kit, 4.5 x 22mm, Black
320-20-26	Compression Screw/Locking Cap Kit, 4.5 x 26mm, Orange
320-20-30	Compression Screw/Locking Cap Kit, 4.5 x 30mm, Blue
320-20-34	Compression Screw/Locking Cap Kit, 4.5 x 34mm, Red
320-20-38	Compression Screw/Locking Cap Kit, 4.5 x 38mm, Green
320-20-42	Compression Screw/Locking Cap Kit, 4.5 x 42mm, Yellow
320-20-46	Compression Screw/Locking Cap Kit, 4.5 x 46mm, Purple
320-01-38	Glenosphere, 38mm
320-01-42	Glenosphere, 42mm
320-01-46	Glenosphere, 46mm*
320-15-05	Glenosphere Locking Screw
320-15-01	Glenoid Plate
320-20-00	Reverse Shoulder, Torque Defining Screw Kit

Instrument Listing

301-03-01	Modular Broach Handle
301-03-10	Retroversion Handle
301-07-01	Mallet
301-07-10	Primary Stem Inserter/Extractor
301-07-20	Stem Protector
301-07-30	T-Handle
301-07-50	Screw Drive Handle
301-07-60	Small Stem Protector
301-07-70	T-Handle, Short
301-07-80	Screw Drive Handle (Ratcheting)
301-10-10	Torque Defining Removal Instrument
301-10-00	Modular Anatomic Replicator Handle
301-10-35	Modular Anatomic Replicator Fork
311-01-01	Anatomic Osteotomy Guide

Catalog No

311-01-10
311-01-20
311-05-01

Part Description

132.5 Degree Osteotomy Guide
Humeral Head Sizer
Head Removal Tool
Straight Reamer, Multiple sizes
Plate Dial, Multiple sizes
Short Head Trial, Multiple sizes
Tall Head Trial, Multiple sizes
Expanded Head Trial, Multiple sizes

311-07-05
311-07-07
311-07-06
315-01-02
315-01-03
315-01-04
315-07-30
315-07-40

Impactor
Humeral Head Impactor Tip
Glenoid Impactor Tip
Glenoid, pegged, alpha, large
Keel Trial
Glenoid, pegged, beta, large
Central Holding Pin
Holding Pin, Multiple sizes Keel
Keeled Cement Pressurizer
Pegged Cement Pressurizer
Pegged Cement Pressurizer Peripheral Peg
Peg Trial, Small
Peg Trial, Medium
Peg Trial, Large
Peg Trial, Extra Large
Modular Glenoid Glenoid Caddy
Modular Cannulated TriDrive
Modular Primary Pilot-Tip Reamer, Extra Small
Modular Primary Pilot-Tip Reamer, Small
Modular Primary Pilot-Tip Reamer, Medium
Modular Primary Pilot-Tip Reamer, Large
Modular Primary Pilot-Tip Reamer, Extra Large

315-09-05
315-09-06
315-09-08
315-12-02
315-12-03
315-12-04
315-12-05
315-15-00
315-25-00
315-25-11
315-25-12
315-25-13
315-25-14
315-25-15

*Special order

Platform Shoulder System

Catalog No Part Description

Instrument Listing (Cont.)

315-27-02	Center Hole Peg Drill Guide, Left
315-27-03	Center Hole Peg Drill Guide, Right
315-27-04	Peripheral Hole Peg Drill Guide, Left
315-27-05	Peripheral Hole Peg Drill Guide, Right
315-27-06	Keel Drill Guide
315-27-40	Peripheral Peg Drill Guide Holding Pin
315-27-60	Modular Center Peg/Keel Drill
315-27-61	Modular Short Keel Drill
315-27-62	Modular Peripheral Peg Drill
315-27-63	Modular Cannulated Center Peg Drill
315-35-11	Modular Primary Cannulated Reamer, Extra Small
315-35-12	Modular Primary Cannulated Reamer, Small
315-35-13	Modular Primary Cannulated Reamer, Medium
315-35-14	Modular Primary Cannulated Reamer, Large
315-35-15	Modular Primary Cannulated Reamer, Extra Large
317-01-02	Humeral Head Retractor
317-01-03	Darrach Retractor
317-01-04	Dual Point Glenoid Retractor
317-01-05	Single Point Glenoid Retractor
317-01-06	Hohmann Retractor
317-01-08	Wolfe Retractor
317-20-01	Forked (Playboy) Retractor – Small
317-20-03	Deltoid Retractor
321-01-07	7mm Humeral Stem Trial
321-01-09	9mm Humeral Stem Trial
321-01-11	11mm Humeral Stem Trial

Catalog No Part Description

321-01-13	13mm Humeral Stem Trial
321-01-15	15mm Humeral Stem Trial
321-01-17	17mm Humeral Stem Trial
321-01-25	Glenosphere Inserter
321-01-26	Pilot Glenosphere Inserter
321-01-27	Glenosphere Inserter Slide
321-01-28	Glenosphere Inserter Spring Handle
321-01-29	Universal Glenosphere Inserter Clamp
321-02-15	Glenosphere Removal Hook
321-01-38	Glenosphere Trial, 38mm
321-01-42	Glenosphere Trial, 42mm
321-01-46	Glenosphere Trial, 46mm*
321-07-05	Impactor Handle
321-07-10	Glenoid Plate Coring Reamer
321-07-38	Humeral Liner Impactor Tip, 38mm
321-07-42	Humeral Liner Impactor Tip, 42mm
321-07-46	Humeral Liner Impactor Tip, 46mm*
321-10-00	Humeral Adapter Tray Trial Assembly (+0)
321-10-01	Humeral Adapter Tray Captured Screw
321-10-05	Humeral Adapter Tray Trial Assembly, +5
321-10-11	Humeral Adapter Tray Trial Assembly, +10
321-10-35	Reverse Shoulder Modular Replicator Handle
321-15-04	Adjustable Angle Drill Guide
321-20-00	Drill Bit Kit, 2.0mm and 3.2mm
321-15-08	Hex Screwdriver (3.5mm)
321-15-09	Glenoid Screw Depth Gauge
321-15-11	Humeral Liner Removal Tool
321-15-13	Glenoid Plate Inserter/Impactor

*Special order

Platform Shoulder System

Catalog No

Part Description

Instrument Listing (Cont.)

321-15-20	Reverse Shoulder Drill Guide Pin
321-15-22	Back Table Assembly
321-15-23	Primary Backtable Inserter
321-15-30	Modular Glenoid Plate Drill Guide, Superior Lateral, Left
321-15-31	Modular Glenoid Plate Drill Guide, Superior Lateral, Right
321-15-32	Modular Glenoid Plate Drill Guide, Deltpectoral, Left
321-15-33	Modular Glenoid Plate Drill Guide, Deltpectoral, Right
321-21-00	Modular Reverse Reamer Head Caddy
321-25-01	Modular Reverse Pilot-Tip Starter Reamer
321-25-38	Modular Reverse Pilot-Tip Reamer, 38mm
321-25-42	Modular Reverse Pilot-Tip Reamer, 42mm
321-25-46	Modular Reverse Pilot-Tip Reamer, 46mm*
321-35-01	Modular Reverse Cannulated Starter Reamer
321-35-38	Modular Reverse Cannulated Reamer, 38mm
321-35-42	Modular Reverse Cannulated Reamer, 42mm
321-35-46	Modular Reverse Cannulated Reamer, 46mm*
321-38-00	Humeral Liner Trial, +0, 38mm
321-38-03	Humeral Liner Trial, +2.5, 38mm
321-38-10	Humeral Liner Trial, Constrained, +0, 38mm
321-38-13	Humeral Liner Trial, Constrained, +2.5, 38mm
321-42-00	Humeral Liner Trial, +0, 42mm
321-42-03	Humeral Liner Trial, +2.5, 42mm
321-42-10	Humeral Liner Trial, Constrained, +0, 42mm
321-42-13	Humeral Liner Trial, Constrained, +2.5, 42mm
321-46-00	Humeral Liner Trial, +0, 46mm*
321-46-03	Humeral Liner Trial, +2.5, 46mm*
321-46-10	Humeral Liner Trial, Constrained, +0, 46mm*
321-46-13	Humeral Liner Trial, Constrained, +2.5, 46mm*

*Special order

Fx Plate

Catalog No	Part Description
Implant Listing	
<i>Proximal Humerus Fracture Plates</i>	
340-01-01	Fracture Plate, 80mm, Left
340-02-01	Fracture Plate, 80mm, Right
340-01-02	Fracture Plate, 115mm, Left
340-02-02	Fracture Plate, 115mm, Right
340-01-03	Fracture Plate, 150mm, Left
340-02-03	Fracture Plate, 150mm, Right
<i>6.5mm Locking Screws</i>	
340-65-32	6.5mm Locking Screws, 32mm
340-65-35	6.5mm Locking Screws, 35mm
340-65-38	6.5mm Locking Screws, 38mm
340-65-41	6.5mm Locking Screws, 41mm
340-65-44	6.5mm Locking Screws, 44mm
340-65-47	6.5mm Locking Screws, 47mm
340-65-50	6.5mm Locking Screws, 50mm
340-65-53	6.5mm Locking Screws, 53mm
340-65-56	6.5mm Locking Screws, 56mm
<i>3.8mm Locking Screws</i>	
342-38-20	3.8mm Locking Screw, 20mm
342-38-23	3.8mm Locking Screw, 23mm
342-38-26	3.8mm Locking Screw, 26mm
342-38-29	3.8mm Locking Screw, 29mm
342-38-32	3.8mm Locking Screw, 32mm
342-38-35	3.8mm Locking Screw, 35mm
342-38-38	3.8mm Locking Screw, 38mm
342-38-41	3.8mm Locking Screw, 41mm

Catalog No	Part Description
342-38-44	3.8mm Locking Screw, 44mm
342-38-47	3.8mm Locking Screw, 47mm
342-38-50	3.8mm Locking Screw, 50mm
342-38-53	3.8mm Locking Screw, 53mm
342-38-56	3.8mm Locking Screw, 56mm
<i>3.8mm Compression Screws</i>	
340-41-20	3.8mm Screw, Compression, 20mm
340-41-23	3.8mm Screw, Compression, 23mm
340-41-26	3.8mm Screw, Compression, 26mm
340-41-29	3.8mm Screw, Compression, 29mm
340-41-32	3.8mm Screw, Compression, 32mm
<i>Locking Humeral Blades</i>	
340-00-25	Humeral Blade, 25mm
340-00-30	Humeral Blade, 30mm
340-00-35	Humeral Blade, 35mm
340-00-40	Humeral Blade, 40mm
340-00-45	Humeral Blade, 45mm
340-00-50	Humeral Blade, 50mm
340-00-55	Humeral Blade, 55mm
<i>Humeral Blade Locking Screw</i>	
340-00-00	Blade Locking Screw

Fx Plate

Catalog No

Instrument Listing

341-01-00	Torque Limiting Adapter
341-01-01	Targeting Jig Handle
341-12-01	Fx Plate Drill Guide Jig, Left
341-12-02	Fx Plate Drill Guide Jig, Right
341-15-01	Blade Inserter
341-02-21	Blade Osteotome
341-12-16	Blade K-Wire Guide
341-01-25	Blade Slap Hammer
341-01-28	2.8mm Drill Bit
341-01-33	3.3mm Drill Bit
341-03-65	6.5mm Drill Bit
341-01-38	T-10 Screw Driver
341-01-65	T-25 Screw Driver
341-01-40	Screw Depth Gauge (Handle)
341-01-41	Screw Depth Gauge

Catalog No

Part Description

341-01-70	Central Hole Funnel
341-01-71	Syringe Attachment
341-01-72	Graft Impactor
341-12-28	Threaded Drill Guide Tube, 2.8mm
341-12-38	Threaded Drill Guide Tube, 3.3mm
341-12-65	Threaded Drill Guide Tube, 6.5mm
341-12-38	3.8mm Screw Guide
341-12-39	3.8mm Double Screw Guide
341-04-38	Compression Screw Drill Guide
341-05-38	K-wire Guide, 3.8mm
341-07-80	Ratcheting Screw Driver
341-35-00	1.6mm x 150mm Kirschner Wire
341-41-00	Equinox Fracture Implant Tray
341-41-05	Equinox Fracture Plate 3.8mm Screw Caddy
341-41-02	Equinox Fracture Plate 6.5mm Screw Caddy
341-41-03	Equinox Fracture Plate Blade Caddy

Humeral Reconstruction Prosthesis

Catalog No	Part Description
Implant Part Numbers	
308-01-06	6x80mm Distal Stem
308-02-06	6x120mm Distal Stem
308-01-07	7x80mm Distal Stem
308-02-07	7x120mm Distal Stem
308-01-08	8x80mm Distal Stem
308-02-08	8x120mm Distal Stem
308-03-08	8x200mm Distal Stem
308-01-09	9x80mm Distal Stem
308-02-09	9x120mm Distal Stem
308-01-11	11x80mm Distal Stem
308-02-11	11x120mm Distal Stem
308-01-13	13x80mm Distal Stem
308-02-13	13x120mm Distal Stem
308-10-25	25mm Middle Segment
308-10-50	50mm Middle Segment
308-10-75	75mm Middle Segment
308-09-00	0mm Proximal Body Small
308-09-12	12.5mm Proximal Body Small
308-10-00	0mm Proximal Body Medium
308-10-05	0mm Proximal Body Large
308-10-10	0mm Proximal Body Extra Large

Catalog No	Part Description
308-12-00	12.5mm Proximal Body Medium
308-12-05	12.5mm Proximal Body Large
308-12-10	12.5mm Proximal Body Extra Large
308-15-01	Taper Locking Screw 0
308-15-12	Taper Locking Screw 12.5
308-15-25	Taper Locking Screw 25
308-15-37	Taper Locking Screw 37.5
308-15-50	Taper Locking Screw 50
308-15-62	Taper Locking Screw 62.5
308-15-75	Taper Locking Screw 75
308-15-87	Taper Locking Screw 87.5
308-16-00	Taper Locking Screw 100
308-16-12	Taper Locking Screw 112
308-16-25	Taper Locking Screw 125
308-16-37	Taper Locking Screw 137
308-16-50	Taper Locking Screw 150
308-16-62	Taper Locking Screw 162.5
308-05-17	Distal Stem Collar 17.5
308-05-18	Distal Stem Collar 18.5
308-05-19	Distal Stem Collar 19.5
308-05-20	Distal Stem Collar 20.5
308-05-21	Distal Stem Collar 21.5

Humeral Reconstruction Prosthesis

Catalog No	Part Description
Implant Part Numbers (Cont.)	
308-05-22	Distal Stem Collar 22.5
308-05-23	Distal Stem Collar 23.5
308-05-24	Distal Stem Collar 24.5
308-05-25	Distal Stem Collar 25.5
308-05-26	Distal Stem Collar 26.5
308-05-27	Distal Stem Collar 27.5
308-05-28	Distal Stem Collar 28.5
308-05-29	Distal Stem Collar 29.5
308-05-30	Distal Stem Collar 30.5
308-05-31	Distal Stem Collar 31.5
308-05-32	Distal Stem Collar 32.5
308-05-33	Distal Stem Collar 33.5

Catalog No	Part Description
Instrument Part Numbers	
309-01-06	6mm Planar Shaft
309-01-07	7mm Planar Shaft
309-01-08	8mm Planar Shaft
309-01-09	9mm Planar Shaft
309-01-11	11mm Planar Shaft
309-01-13	13mm Planar Shaft
309-01-32	34mm Planar
309-03-00	Humeral Resection Guide
309-05-17	17.5mm Collar Trial
309-05-18	18.5mm Collar Trial
309-05-19	19.5mm Collar Trial
309-05-20	20.5mm Collar Trial
309-05-21	21.5mm Collar Trial
309-05-22	22.5mm Collar Trial
309-05-23	23.5mm Collar Trial
309-05-24	24.5mm Collar Trial
309-05-25	25.5mm Collar Trial
309-05-26	26.5mm Collar Trial
309-05-27	27.5mm Collar Trial
309-05-28	28.5mm Collar Trial
309-05-29	29.5mm Collar Trial

Humeral Reconstruction Prosthesis

Catalog No	Part Description
Instrument Part Numbers (Cont.)	
309-05-30	30.5mm Collar Trial
309-05-31	31.5mm Collar Trial
309-05-32	32.5mm Collar Trial
309-05-33	33.5mm Collar Trial
309-07-01	Taper Disengage Wedge
309-07-03	Slaphammer
309-07-04	Stem Extractor Connector
309-07-05	Universal Impactor Handle
309-07-09	Middle Segment Impactor
309-07-10	Prox Body Impactor
309-07-11	Backtable Assembly Base
309-07-12	Backtable Assembly Hammer
309-09-00	Prox Body Trial 0 Small
309-09-12	Prox Body Trial 12.5 Small
309-10-00	Prox Body Trial 0 Medium
309-10-05	Prox Body Trial 0 Large
309-10-10	Prox Body Trial 0 Extra Large
309-10-25	Middle Segment Trial 25
309-10-50	Middle Segment Trial 50
309-10-75	Middle Segment Trial 75
309-12-00	Prox Body Trial 12.5 Medium
309-12-05	Prox Body Trial 12.5 Large

Catalog No	Part Description
309-12-10	Prox Body Trial 12.5 Extra Large
309-15-06	Shaft Reamer 6mm
309-15-07	Shaft Reamer 7mm
309-15-08	Shaft Reamer 8mm
309-15-09	Shaft Reamer 9mm
309-15-10	Shaft Reamer 10mm
309-15-11	Shaft Reamer 11mm
309-15-12	Shaft Reamer 12mm
309-15-13	Shaft Reamer 13mm
309-15-14	Shaft Reamer 14mm

Catalog No
Implant Listing

Catalog No	Part Description
300-01-07	Humeral stem, primary, press-fit, 7mm
300-01-09	Humeral stem, primary, press-fit, 9mm
300-01-11	Humeral stem, primary, press-fit, 11mm
300-01-13	Humeral stem, primary, press-fit, 13mm
300-01-15	Humeral stem, primary, press-fit, 15mm
300-01-17	Humeral stem, primary, press-fit, 17mm
306-01-08	Humeral long stem, 8x175mm
306-02-08	Humeral long stem, 8x215mm
306-02-10*	Humeral long stem, 10x200mm
306-02-12*	Humeral long stem, 12x200mm
300-10-15	Anatomic Replicator Plate, 1.5mm o/s
300-10-45	Anatomic Replicator Plate, 4.5mm o/s

Catalog No
Part Description

300-20-02	Torque Defining Screw Kit
300-21-00	Fixed Angle Kit
310-21-38	Humeral head, short, 38mm
310-21-41	Humeral head, short, 41mm
310-21-44	Humeral head, short, 44mm
310-21-47	Humeral head, short, 47mm
310-21-50	Humeral head, short, 50mm
310-21-53	Humeral head, short, 53mm
310-22-38	Humeral head, tall, 38mm
310-22-41	Humeral head, tall, 41mm
310-22-44	Humeral head, tall, 44mm
310-22-47	Humeral head, tall, 47mm
310-22-50	Humeral head, tall, 50mm
310-22-53	Humeral head, tall, 53mm

Catalog No**Implant Listing**

301-03-01	Broach, Multiple sizes
301-03-10	Modular Broach Handle Retroversion Handle
301-07-01	Mallet
301-07-10	Primary Stem Inserter/Extractor
301-07-20	Stem Protector
301-07-30	T-Handle
301-07-50	Screw Drive Handle
301-07-60	Small Stem Protector
301-07-70	T-Handle, Short
301-07-80	Screw Drive Handle (Ratcheting)
301-10-10	Torque Defining Removal Instrument
301-10-00	Modular Anatomic Replicator Handle
301-10-35	Modular Anatomic Replicator Fork
311-01-01	Anatomic Osteotomy Guide
311-01-10	132.5 Degree Osteotomy Guide
311-05-01	Head Removal Tool
	Straight Reamer, Multiple sizes
301-21-38/53	Plate Dial, 38mm–53mm
311-21-38/53	Short Head Trial, 38mm–53mm
311-22-38/53	Tall Head Trial, 38mm–53mm

Catalog No**Part Description**

311-07-05	Impactor
311-07-07	Humeral Head Impactor Tip
311-21-01/02	CTA Cut Guide
317-01-02	Humeral Head Retractor
317-01-03	Darrach Retractor
317-01-04	Dual Point Glenoid Retractor
317-01-05	Single Point Glenoid Retractor
317-01-06	Hohmann Retractor
317-01-08	Wolfe Retractor
317-20-01	Forked (Playboy) Retractor – Small
317-20-03	Deltoid Retractor
311-41-01	CTA Head Tray

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Additional Resources

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- **Walch G, et al.** The influence of glenohumeral prosthetic mismatch on glenoid radiolucent lines. *J Bone Joint Surg.* 2002;84-A(12):2186-91.
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GLOBAL HEADQUARTERS:

2320 NW 66th Court
Gainesville, FL 32653 USA

 +1 352.377.1140
+1 800.EXACTECH

 +1 352.378.2617

 www.exac.com