



Anatomical Shoulder™ System



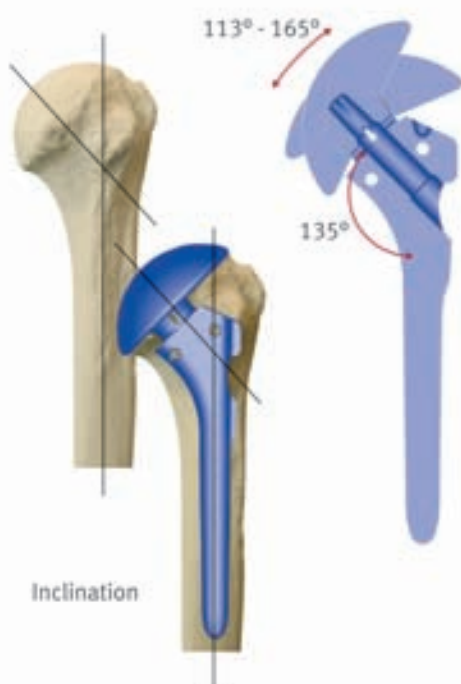
Infinitely variable setting of the humeral head

Anatomical Shoulder System by Zimmer

This unique system offers the advantages of a “custom-made” prosthesis. The modularity and design of the *Anatomical Shoulder System* allows accurate and reproducible reconstruction of the glenohumeral joint thus restoring normal kinematics of the limb.

- In order to reconstruct the proximal humerus anatomically it is necessary to reproduce the size and orientation of the humeral head accurately.
- The humeral head prosthesis is adjusted to this anatomical position on the humeral stem prosthesis and then firmly locked.
- With the removable head option, the stem is situated below the resection line for unobstructed glenoid access.

Infinitely variable setting of the humeral head



Inclination angle Cervicodiaphyseal angle

The anatomical inclination angle of the humerus varies between 120° and 140°.

With the *Anatomical Shoulder* prosthesis the angle can be infinitely adjusted between 113° and 165°.



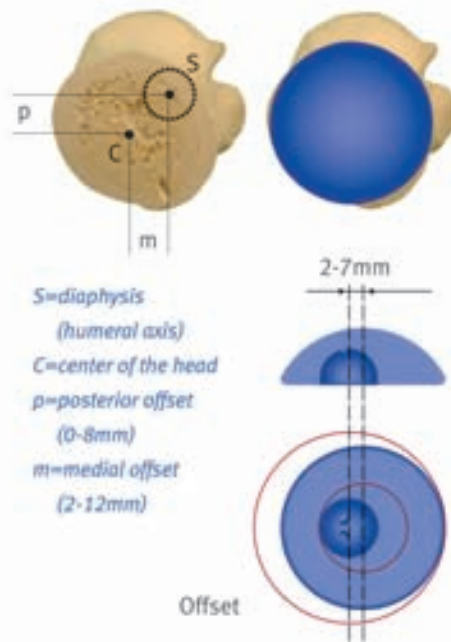


This unique system offers the advantages of a "custom-made" prosthesis.

Retroversion

The anatomical retroversion of the humeral head is between +60° and -20°.

With the *Anatomical Shoulder* prosthesis the retroversion can be infinitely adjusted between -30° to +30°.



Offset

The center of the head is normally posterior and medial from the center of the diaphysis (humeral axis).

The extent of the medial and posterior offset varies from individual to individual and as a function of the size of the humerus.

For the *Anatomical Shoulder* prosthesis, the infinitely variable eccentricity, which takes account of the offset, is from 2mm (∅ 40mm) to 7mm (∅ 52mm).

Anatomical Shoulder Implant Scope

Product Number	Description
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Cemented Stems

0104211072	Cemented Humeral Stem 7mm x 100mm w/Removable Head
0104211092	Cemented Humeral Stem 9mm x 110mm w/Removable Head
0104211122	Cemented Humeral Stem 12mm x 110mm w/Removable Head
0104211142	Cemented Humeral Stem 14mm x 110mm w/Removable Head

Revision Cemented Stems

0104215072	Cemented Humeral Stem 7mm x 200mm w/Removable Head
0104215092	Cemented Humeral Stem 9mm x 210mm w/Removable Head
0104215122	Cemented Humeral Stem 12mm x 210mm w/Removable Head
0104215142	Cemented Humeral Stem 14mm x 210mm w/Removable Head

Press-Fit Stems

0104201072	Press-Fit Humeral Stem 7mm x 100mm w/Removable Head
0104201092	Press-Fit Humeral Stem 9mm x 110mm w/Removable Head
0104201102	Press-Fit Humeral Stem 10.5mm x 110mm w/Removable Head
0104201122	Press-Fit Humeral Stem 12mm x 110mm w/Removable Head
0104201142	Press-Fit Humeral Stem 14mm x 110mm w/Removable Head

Humeral Head Implants

0104212400	Anatomical Shoulder Removable Head D40 H14
0104212420	Anatomical Shoulder Removable Head D42 H15
0104212440	Anatomical Shoulder Removable Head D44 H16
0104212460	Anatomical Shoulder Removable Head D46 H16
0104212480	Anatomical Shoulder Removable Head D48 H17
0104212500	Anatomical Shoulder Removable Head D50 H18
0104212520	Anatomical Shoulder Removable Head D52 H19
0104213480	Anatomical Shoulder Removable Head D48 H20
0104213500	Anatomical Shoulder Removable Head D50 H21
0104213520	Anatomical Shoulder Removable Head D52 H23
0104227102	Anatomical Shoulder Ball Taper

Glenoid Implants: Pegged Glenoids

0104214340	Anatomical Shoulder Pegged Glenoid Small
0104214370	Anatomical Shoulder Pegged Glenoid Medium
0104214400	Anatomical Shoulder Pegged Glenoid Large

Glenoid Implants: Keeled Glenoids

0104214345	Anatomical Shoulder Keeled Glenoid Small
0104214375	Anatomical Shoulder Keeled Glenoid Medium
0104214405	Anatomical Shoulder Keeled Glenoid Large

Anatomical Shoulder Instrument Scope

Product Number	Description
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ANSH500 Case 1, Tray 1 (Primary Case)

0100029029	Tray Lid
0104230013	Tray (Empty)
0104230014	Rasp Tray Insert
0104233000	Rasp Handle Inserter/Extractor
0104233002	Screw for Rasps (5)
0104233004	Rasp Extractor Tool
0104233070	Rasp Humeral Stem 7mm

0104233090	Rasp Humeral Stem 9mm
0104233105	Rasp Humeral Stem 10.5mm
0104233120	Rasp Humeral Stem 12mm
0104233140	Rasp Humeral Stem 14mm
72022007	Humeral Reamer 7mm
72022009	Humeral Reamer 9mm
0104232105	Humeral Reamer 10.5mm
72022012	Humeral Reamer 12mm
72022014	Humeral Reamer 14mm
ANSH500	Case 1, Tray 2 (Primary Case)
0104230012	Tray (Empty)
5331	Hex Wrench, 5mm
0104236310	Tower Baseplate
0104236320	Holder for Oval Ball Taper
0104236330	Tower Column (2)
0104236340	Tower Top Plate
0104236345	Humeral Stem Setting Instrument
0104236350	Tower Allen Screw 5mm x 26mm
0104236355	Tower Allen Screw 5mm x 38.5mm
0104236360	Tower Poly Insert
0104236370	Tower Threaded Rod
0104236380	Holder for Oval Taper, Fracture Right
0104236390	Holder for Oval Taper, Fracture Left
ANSH600	Case 2 (Primary Case)
0100029029	Tray Lid
0104230123	Tray (Empty)
520100001	Screw for Humeral Head Test Prosthesis (2)
52034014	Humeral Head Test Prosthesis 40mm x 14mm
52034215	Humeral Head Test Prosthesis 42mm x 15mm
52034416	Humeral Head Test Prosthesis 44mm x 16mm
52034616	Humeral Head Test Prosthesis 46mm x 16mm
52034817	Humeral Head Test Prosthesis 48mm x 17mm
52034820	Humeral Head Test Prosthesis 48mm x 20mm
52035018	Humeral Head Test Prosthesis 50mm x 18mm
52035021	Humeral Head Test Prosthesis 50mm x 21mm
52035219	Humeral Head Test Prosthesis 52mm x 19mm
52035223	Humeral Head Test Prosthesis 52mm x 23mm
72010001	Humeral Head Impactor
72112006	Torque Wrench
72112009	Torque Wrench Nut 4.5mm
10902020	Hex Screwdriver 2.5mm
0104230222	Anatomical Test Ball Taper (2)
0104233181	Angle Gauge 135°
0104233182	Resection Guide
0104336070	Kirschner Wire 2.0 x 60mm (2)
0104236400	Anatomical Impactor
0104236210	Anatomical Introduction Rod
0104236410	Anatomical Charging Device for Impactor

ANSH0100	Case 3 (Pegged Glenoid Case)
0100029029	Tray Lid
0104230031	Tray (Empty)
758004	Flexible Drill Shaft
758008	Rigid Shaft
52090005	Glenoid Trial Prosthesis, Small, Pegged
52090006	Glenoid Trial Prosthesis, Medium, Pegged
52090007	Glenoid Trial Prosthesis, Large, Pegged
72090110	Glenoid Drill Guide
72090120	Kirschner Wire (3)
72090130	Glenoid Cutter Cannulated Handle
72091011	Left Glenoid Drill Guide
72091021	Right Glenoid Drill Guide
72110034	Milling Cutter for Glenoid, Small
72110037	Milling Cutter for Glenoid, Medium
72110040	Milling Cutter for Glenoid, Large
72111034	Sclerotic Reamer
72112001	Glenoid Milling Cutter Handle
72112004	Glenoid Impactor
72112005	Holding Forceps
72112040	Humeral Cut Protector, Size 40
72112044	Humeral Cut Protector, Size 44
72112048	Humeral Cut Protector, Size 48
72112010	Glenoid Countersink
72112011	Glenoid Centering Peg (3)
72112013	Glenoid Drill (2)
01.04230.801	Pegged Glenoid Cementing Instrument
ANSH700	Case 4, Tray 1 (Revision Case)
0100029029	Tray Lid
0104230143	Tray (Empty)
52010007	Humeral Test Prosthesis 7mm
52010009	Humeral Test Prosthesis 9mm
0104236105	Humeral Test Prosthesis 10.5mm
52010012	Humeral Test Prosthesis 12mm
52010014	Humeral Test Prosthesis 14mm
721100001	Locking Screw for Sleeve (2)
72110010	Floating Disc for Adjustment Gauge
72112003	Centering Peg for Adjustment Gauge (2)
72119020	Adjustment Gauge Long Spring
72119040	Adjustment Gauge Long Column
72500010	Adjustment Gauge Base Plate
72500040	Adjustment Gauge Bushing Holder

72500050	Adjustment Gauge Floating Disc Holder
721102007	Sleeve for Adjustment Gauge, 7
721102009	Sleeve for Adjustment Gauge, 9
0104235105	Sleeve for Adjustment Gauge, 10.5
721102012	Sleeve for Adjustment Gauge, 12
721102014	Sleeve for Adjustment Gauge, 14
ANSH700	Case 4, Tray 2 (Revision Case)
0104230144	Tray (Empty)
5331	Hex Wrench, 5mm
701416	Split Chuck
750890	Chisel
72010002	Extractor Humeral Test Prosthesis
0104235010	Humeral Head Extractor
0104235120	Anatomical Side Hammer Weight
0104235181	Anatomical Thread Cutting Head
0104235182	Anatomical Milling Cutter RH
0104235183	Anatomical Milling Cutter
0104235184	Anatomical Drilling Guide, Revision
0104235185	Anatomical Screw
0104235186	Anatomical Adaptor
0104235187	Anatomical Drill
0104236100	Humeral Stem Setting Instrument
0104236110	Tightening Screw
0104236200	X-Pin (2)
0104236220	Distance Disc
ANSH0101	Keeled Glenoid Case
0104237217	Keeled Glenoid Handle for Cement Setting
0104237213	Small & Medium Keeled Glenoid Rasp
0104237214	Large Keeled Glenoid Rasp
0104237216	Large Keeled Glenoid Cement Setting Instrument
0104237215	Small & Medium Keeled Glenoid Cement Setting Instrument
0104237130	Large Keeled Glenoid Trial
0104237120	Medium Keeled Glenoid Trial
0104237110	Small Keeled Glenoid Trial
0104237212	Large Keeled Glenoid Drill Guide
0104237211	Small & Medium Keeled Glenoid Drill Guide
0100029032	Small Grey Lid
0104230038	Keeled Glenoid Tray (Empty)
Additional Instruments	
0104237310	Alignment Rods (2)

Contact your Zimmer representative or visit us at www.zimmer.com

