



Coralis[®]

Shoulder System

Humeral Stem - Short

Simple
While
Versatile

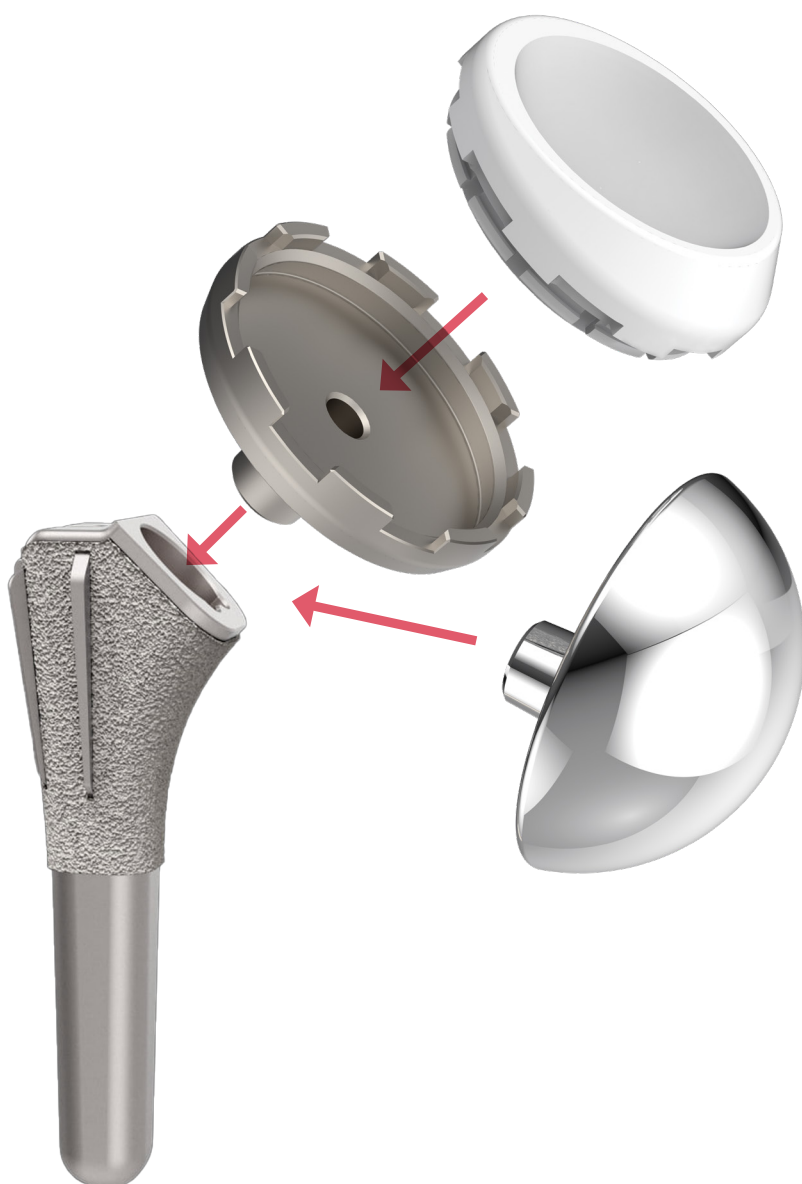
Coralis[®] Humeral Stem - Short was developed with the aim of preserving the distal humeral bone while ensuring optimal stability and fixation.



Convert with Ease

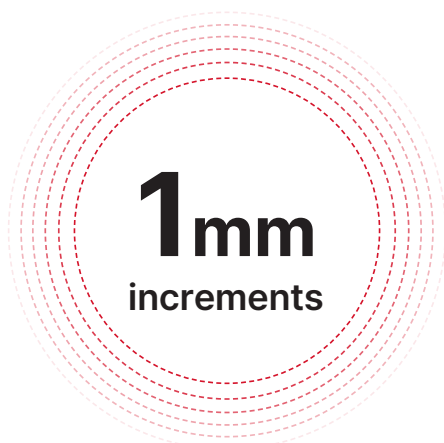
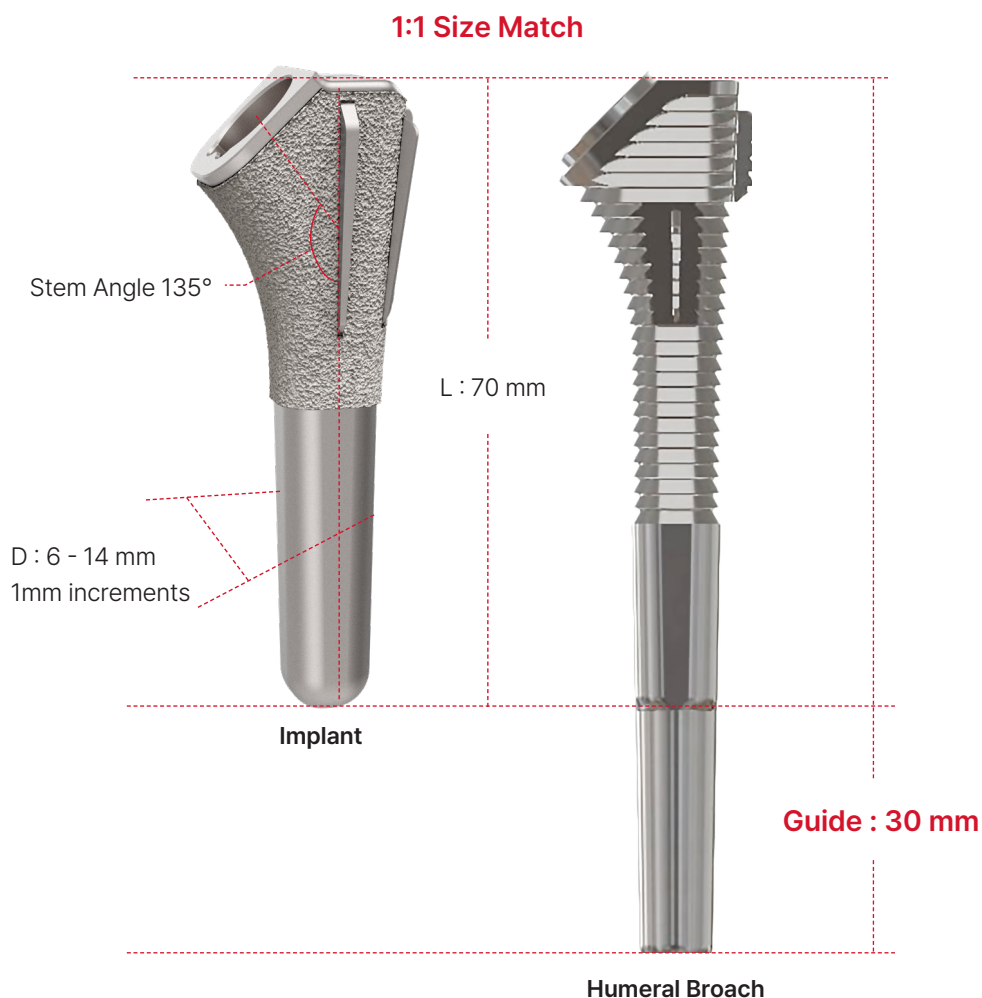
Coralis® Humeral Stem - Short is compatible with the glenoid component of total and reverse shoulder replacement.

During the revision surgery, the total prosthesis can be replaced with a reverse prosthesis in a simple procedure while leaving the existing humeral stem. This compatibility for bone conservation is designed to reduce possible complications and thereby enhance clinical outcomes.



Improved Stem Alignment

The humeral broach, 30mm longer than the actual implant, serves as a guide for precise alignment. Also, both the humeral stem and broach are designed to match 1:1 in size, ensuring stability and preventing varus or valgus tilting during surgery. These optimized design features contribute to achieving precise stem alignment and stability, enhancing surgical outcomes.



Sizes are offered in 1mm increments.

Coralix® Humeral Stem - Short is available in 1mm increments, ranging from 6mm to 14mm. This precise sizing allows for the selection of the optimal implant for each patient, helping to ensure a tailored fit and improved surgical outcomes.

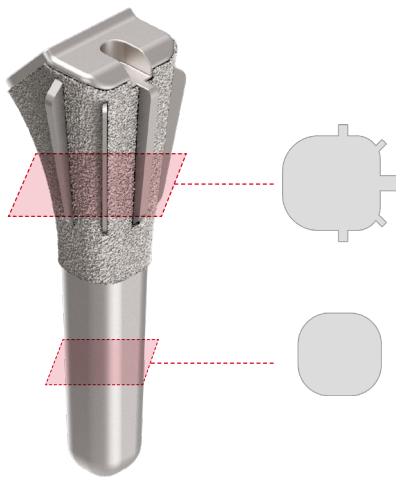
Key Features

Coralis® Humeral Stem - Short is designed with enhancements that improve fit, stability, and surgical technique.

Feature 1

Enhanced Stability with Anti-rotation

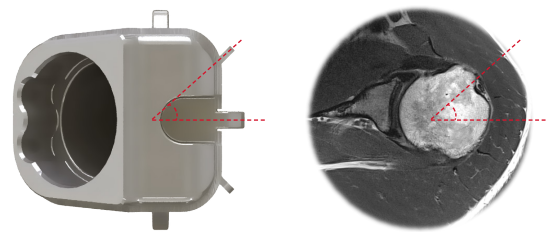
Featuring a rectangular cross-section with five tapered fins designed to resist rotational motion and securely engage proximal cancellous bone.



Feature 2

Landmarked Bicipital Groove Fins

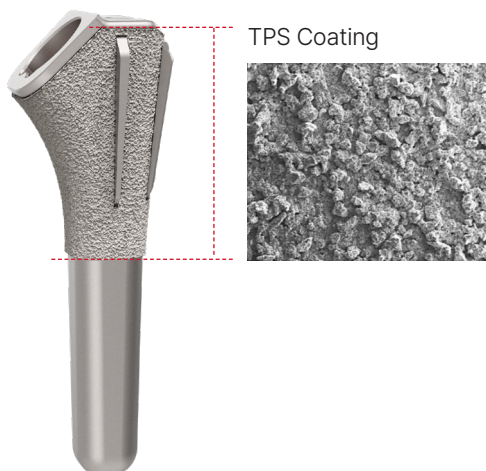
Bicipital groove fin can help to identify the retroversion of the stem.



Feature 3

Surface Treatment

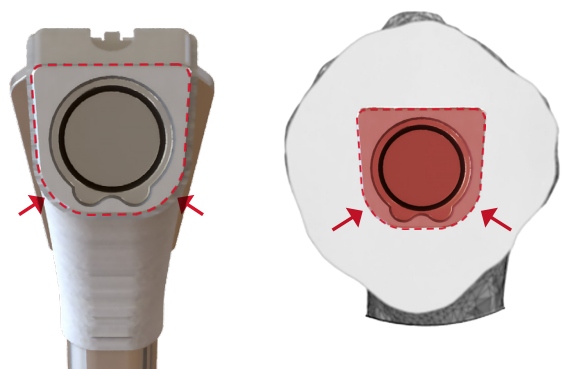
Enhanced roughness and porosity for bone ingrowth.



Feature 4

Refined Optimal Design

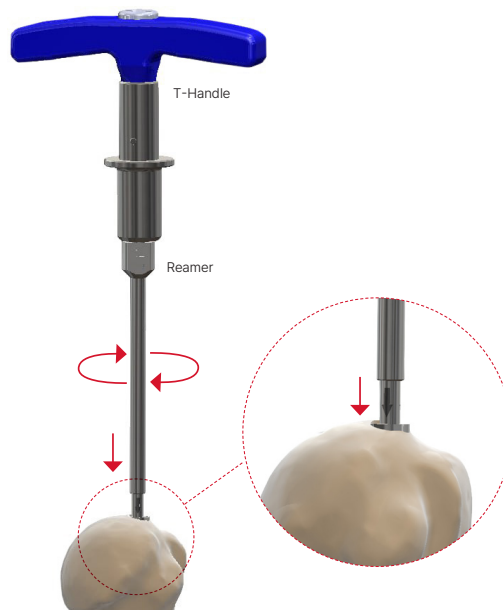
Optimized proximal round shape is designed to reduce humerus fracture risk.



Surgical Procedure

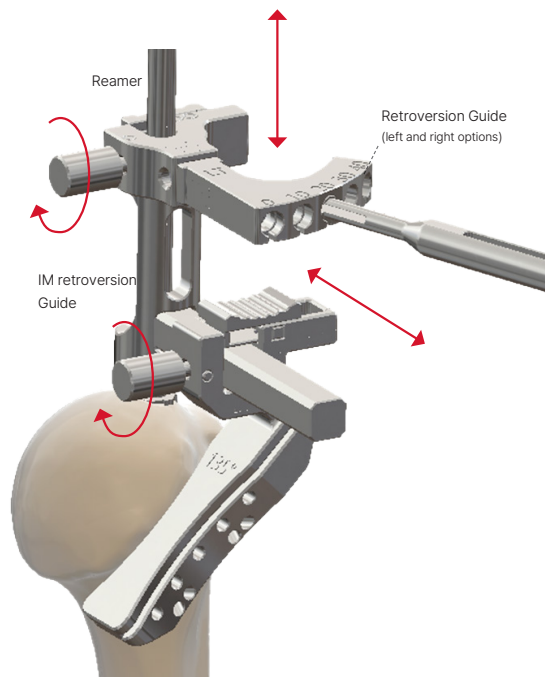
STEP 1 Reaming

1. Connect the Reamer and T-Handle.
2. Reamer 6 and 7 are starter reamers with sharp tips.
3. Ensure the insertion depth aligns the arrow on the reamer with the proximal top of the humerus.
4. Proceed with reaming in 1mm increments until it contacts the cortical bone.



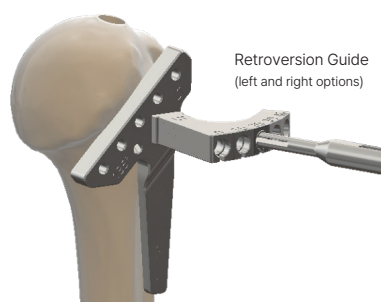
Step 2 Humeral Head IM Cutting

1. Prepare the IM Cutting Guide (see detailed assembly instructions on the next page).
2. The IM Retroversion Guide can move up, down, and rotate around the reamer axis.
3. Position the Guide handle to align with the forearm. Once the cutting line is properly positioned, turn the knob to secure it.
4. Move the cutting block along the rail until it is in close contact with the bone, then turn the knob to secure it.
5. After all adjustments are complete, insert the pin into the pin hole to secure the cutting block, then remove the remaining instruments and proceed with the cutting.

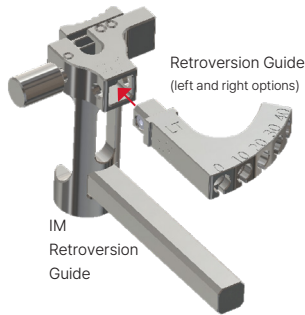


Humeral Head EM Cutting

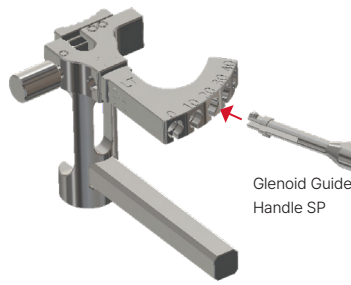
1. Prepare the EM Cutting Guide (see detailed assembly instructions on the next page).
2. The Guide and Guide handle are connected and held together by the tension at the connection point.



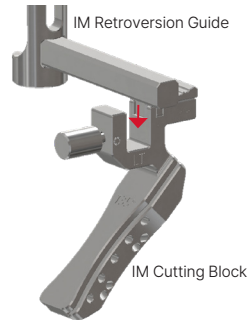
IM Cutting Guide Assembly Instructions



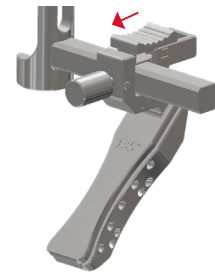
1. Connect the Retroversion Guide to the IM Retroversion Guide.



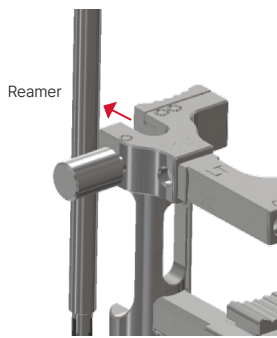
2. Connect the Glenoid Guide Handle.



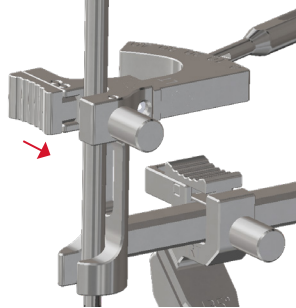
3. Connect the IM Retroversion Guide to the IM Cutting Block.



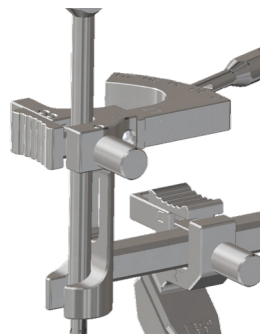
3. Lock the button.



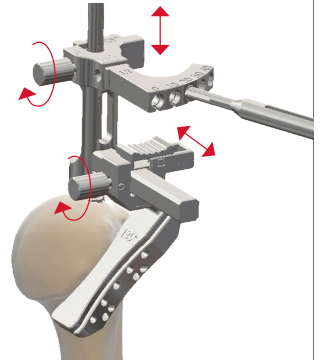
1. Connect the IM Retroversion Guide and the Reamer.



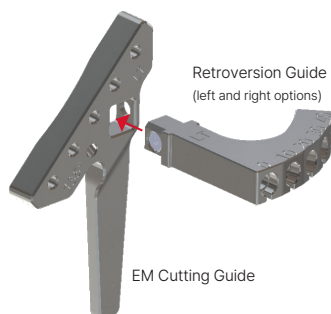
2. Lock the button.



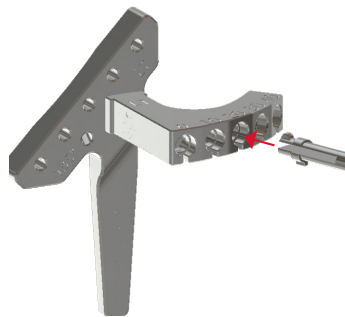
3. Adjust the cutting line and retroversion, then turn the knob to secure.



EM Cutting Guide Assembly Instructions



1. Connect the Retroversion Guide to the EM Cutting Guide.



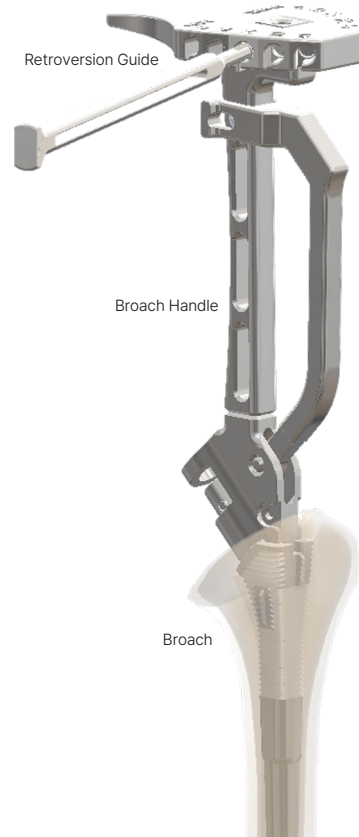
2. Connect the Glenoid Guide Handle.



3. After adjust the cutting line, then cut.

Step 3 Broaching

1. Connect the Broach and the Broach Handle
2. Insert the guide pin on the Broach handle pad, aligning it with the forearm.
3. Start with the Broach that is 2 to 3 sizes smaller than the final Reamer size.



Step 4 Calcar Planer

1. Position the Calcar Planer. The Calcar Planer must always be used with the Broach inserted.
2. Proceed reaming on the cut surface.



Step 5 Protector

1. Attach the protector as shown in the picture. It is used to provide protection when transitioning to the glenoid side.



Ordering Information

Materials

Humeral Head: Cobalt Chrome Alloy

Glenoid Component: UHMWPE

Humeral Stem: Ti6Al4V

Glenoid Baseplate: Ti6Al4V

Glenosphere: Cobalt Chrome Alloy

Humeral Liner: XLPE

Humeral Tray: Ti6Al4V

Screws: Ti6Al4V

Humeral Stem - Short

Size

6mm - 14mm (1mm increment)



Description	Size	Part No.
Coralis® Humeral Stem - Short 6mm	6mm	C3.S11.0006
Coralis® Humeral Stem - Short 7mm	7mm	C3.S11.0007
Coralis® Humeral Stem - Short 8mm	8mm	C3.S11.0008
Coralis® Humeral Stem - Short 9mm	9mm	C3.S11.0009
Coralis® Humeral Stem - Short 10mm	10mm	C3.S11.0010
Coralis® Humeral Stem - Short 11mm	11mm	C3.S11.0011
Coralis® Humeral Stem - Short 12mm	12mm	C3.S11.0012
Coralis® Humeral Stem - Short 13mm	13mm	C3.S11.0013
Coralis® Humeral Stem - Short 14mm	14mm	C3.S11.0014

Reverse Shoulder System

Glenoid Baseplate · Central Screw · Peripheral Screw



Diameter
ø26mm, ø28mm



Length
18mm, 22mm, 26mm,
30mm, 34mm, 38mm, 42mm

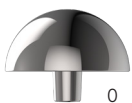
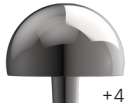
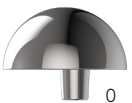



Length
14mm, 16mm, 18mm, 20mm, 22mm,
24mm, 26mm, 30mm, 32mm, 34mm,
36mm, 38mm, 42mm

Glenosphere

Head Diameter
ø36mm, ø42mm

Lateralized offset




×




Eccentric offset

Humeral Liner

Inner diameter
ø36mm, ø42mm


Height




Humeral Tray · Humeral Spacer Assembly

Humeral tray size
ø40mm



Centric type
Medial offset type (3mm, 6mm)

Spacer height
+8mm





Humeral spacer assembly

Total Shoulder System

Glenoid Component




Size
44mm, 48mm, 52mm
56mm, 60mm

Pegged type  Keeled type 

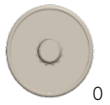
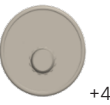
Humeral Head

Head Diameter
ø38mm, ø42mm,
ø46mm, ø50mm

Height

Offset

Glenoid Component		Humeral Head			
Pegged	Keeled	38	42	46	50
44		●	●		
48		●	●	●	
52			●	●	●
56				●	●
60					●

* Optional size: 64

* Optional size: 54, 58

Humeral Head

Part No.	Description
C1.H10.3815	STD Humeral Head 38mmX15mm
C1.H10.3818	STD Humeral Head 38mmX18mm
C1.H10.3821	STD Humeral Head 38mmX21mm
C1.H10.4215	STD Humeral Head 42mmX15mm
C1.H10.4218	STD Humeral Head 42mmX18mm
C1.H10.4221	STD Humeral Head 42mmX21mm
C1.H10.4615	STD Humeral Head 46mmX15mm
C1.H10.4618	STD Humeral Head 46mmX18mm
C1.H10.4621	STD Humeral Head 46mmX21mm
C1.H10.5015	STD Humeral Head 50mmX15mm
C1.H10.5018	STD Humeral Head 50mmX18mm
C1.H10.5021	STD Humeral Head 50mmX21mm
C1.H10.5418	STD Humeral Head 54mmX18mm
C1.H10.5421	STD Humeral Head 54mmX21mm
C1.H10.5818	STD Humeral Head 58mmX18mm
C1.H10.5821	STD Humeral Head 58mmX21mm
C1.H14.3815	ECC Humeral Head 38mmX15mm
C1.H14.3818	ECC Humeral Head 38mmX18mm
C1.H14.3821	ECC Humeral Head 38mmX21mm
C1.H14.4215	ECC Humeral Head 42mmX15mm
C1.H14.4218	ECC Humeral Head 42mmX18mm
C1.H14.4221	ECC Humeral Head 42mmX21mm
C1.H14.4615	ECC Humeral Head 46mmX15mm
C1.H14.4618	ECC Humeral Head 46mmX18mm
C1.H14.4621	ECC Humeral Head 46mmX21mm
C1.H14.5015	ECC Humeral Head 50mmX15mm
C1.H14.5018	ECC Humeral Head 50mmX18mm
C1.H14.5021	ECC Humeral Head 50mmX21mm
C1.H14.5418	ECC Humeral Head 54mmX18mm
C1.H14.5421	ECC Humeral Head 54mmX21mm
C1.H14.5818	ECC Humeral Head 58mmX18mm
C1.H14.5821	ECC Humeral Head 58mmX21mm

Humeral Liner

Part No.	Description
C2.I11.3600	Humeral Liner 36mm Std
C2.I11.3603	Humeral Liner 36mm +3
C2.I11.3606	Humeral Liner 36mm +6
C2.I11.3609	Humeral Liner 36mm +9
C2.I11.4200	Humeral Liner 42mm Std
C2.I11.4203	Humeral Liner 42mm +3
C2.I11.4206	Humeral Liner 42mm +6
C2.I11.4209	Humeral Liner 42mm +9

Humeral Tray

Part No.	Description
C2.C11.4000	Humeral Tray Centric
C2.C11.4001	Humeral Tray Medial Offset +3
C2.C11.4008	Humeral Tray Medial Offset +6

Glenosphere

Part No.	Description
C2.G11.3600	Glenosphere Centric 36mm +0
C2.G11.3604	Glenosphere Centric 36mm +4
C2.G11.3640	Glenosphere Eccentric 36mm +0
C2.G11.3644	Glenosphere Eccentric 36mm +4
C2.G11.4200	Glenosphere Centric 42mm +0
C2.G11.4204	Glenosphere Centric 42mm +4
C2.G11.4240	Glenosphere Eccentric 42mm +0
C2.G11.4244	Glenosphere Eccentric 42mm +4

Glenoid Baseplate

Part No.	Description
C2.G11.0026	Glenoid Baseplate 26mm
C2.G11.0028	Glenoid Baseplate 28mm

Glenoid Component (Keeled type)

Part No.	Description
C1.G11.0044	Keeled Glenoid 44mm
C1.G11.0048	Keeled Glenoid 48mm
C1.G11.0052	Keeled Glenoid 52mm
C1.G11.0056	Keeled Glenoid 56mm
C1.G11.0060	Keeled Glenoid 60mm
C1.G11.0064	Keeled Glenoid 64mm

Glenoid Component (Pegged type)

Part No.	Description
C1.G12.0044	Pegged Glenoid 44mm
C1.G12.0048	Pegged Glenoid 48mm
C1.G12.0052	Pegged Glenoid 52mm
C1.G12.0056	Pegged Glenoid 56mm
C1.G12.0060	Pegged Glenoid 60mm
C1.G12.0064	Pegged Glenoid 64mm

Humeral Spacer Assembly

Part No.	Description
C2.C14.4006	Humeral Spacer Assembly Centric
C2.C14.4016	Humeral Spacer Assembly Medial Offset +3
C2.C14.4046	Humeral Spacer Assembly Medial Offset +6

Central Screw

Part No.	Description
C2.G12.6518	6.5mm Central Screw 18mm
C2.G12.6520	6.5mm Central Screw 20mm
C2.G12.6522	6.5mm Central Screw 22mm
C2.G12.6524	6.5mm Central Screw 24mm
C2.G12.6526	6.5mm Central Screw 26mm
C2.G12.6528	6.5mm Central Screw 28mm
C2.G12.6530	6.5mm Central Screw 30mm
C2.G12.6532	6.5mm Central Screw 32mm
C2.G12.6534	6.5mm Central Screw 34mm
C2.G12.6536	6.5mm Central Screw 36mm
C2.G12.6538	6.5mm Central Screw 38mm
C2.G12.6540	6.5mm Central Screw 40mm
C2.G12.6542	6.5mm Central Screw 42mm

Peripheral Locking Screw


Part No.	Description
C2.G13.4514	4.5mm Peripheral Locking Screw 14mm
C2.G13.4516	4.5mm Peripheral Locking Screw 16mm
C2.G13.4518	4.5mm Peripheral Locking Screw 18mm
C2.G13.4520	4.5mm Peripheral Locking Screw 20mm
C2.G13.4522	4.5mm Peripheral Locking Screw 22mm
C2.G13.4524	4.5mm Peripheral Locking Screw 24mm
C2.G13.4526	4.5mm Peripheral Locking Screw 26mm
C2.G13.4528	4.5mm Peripheral Locking Screw 28mm
C2.G13.4530	4.5mm Peripheral Locking Screw 30mm
C2.G13.4532	4.5mm Peripheral Locking Screw 32mm
C2.G13.4534	4.5mm Peripheral Locking Screw 34mm
C2.G13.4536	4.5mm Peripheral Locking Screw 36mm
C2.G13.4538	4.5mm Peripheral Locking Screw 38mm
C2.G13.4540	4.5mm Peripheral Locking Screw 40mm
C2.G13.4542	4.5mm Peripheral Locking Screw 42mm

Peripheral Non-locking Screw

Part No.	Description
C2.G14.4514	4.5mm Peripheral Non-Locking Screw 14mm
C2.G14.4516	4.5mm Peripheral Non-Locking Screw 16mm
C2.G14.4518	4.5mm Peripheral Non-Locking Screw 18mm
C2.G14.4520	4.5mm Peripheral Non-Locking Screw 20mm
C2.G14.4522	4.5mm Peripheral Non-Locking Screw 22mm
C2.G14.4524	4.5mm Peripheral Non-Locking Screw 24mm
C2.G14.4526	4.5mm Peripheral Non-Locking Screw 26mm
C2.G14.4528	4.5mm Peripheral Non-Locking Screw 28mm
C2.G14.4530	4.5mm Peripheral Non-Locking Screw 30mm
C2.G14.4532	4.5mm Peripheral Non-Locking Screw 32mm
C2.G14.4534	4.5mm Peripheral Non-Locking Screw 34mm
C2.G14.4536	4.5mm Peripheral Non-Locking Screw 36mm
C2.G14.4538	4.5mm Peripheral Non-Locking Screw 38mm
C2.G14.4540	4.5mm Peripheral Non-Locking Screw 40mm
C2.G14.4542	4.5mm Peripheral Non-Locking Screw 42mm

T-MAS Shoulder Augment Baseplate

Part No.	Description
C2.G21.2601	Standard Glenoid Baseplate 26mm
C2.G21.2801	Standard Glenoid Baseplate 28mm
C2.G21.2602	Lateralized Glenoid Baseplate 26mm
C2.G21.2802	Lateralized Glenoid Baseplate 28mm
C2.G22.2605	Half-wedge Augment Glenoid Baseplate 26mm +5
C2.G22.2610	Half-wedge Augment Glenoid Baseplate 26mm +10
C2.G22.2615	Half-wedge Augment Glenoid Baseplate 26mm +15
C2.G22.2620	Half-wedge Augment Glenoid Baseplate 26mm +20
C2.G22.2625	Half-wedge Augment Glenoid Baseplate 26mm +25
C2.G22.2630	Half-wedge Augment Glenoid Baseplate 26mm +30
C2.G22.2635	Half-wedge Augment Glenoid Baseplate 26mm +35
C2.G22.2640	Half-wedge Augment Glenoid Baseplate 26mm +40
C2.G22.2805	Half-wedge Augment Glenoid Baseplate 26mm +5
C2.G22.2810	Half-wedge Augment Glenoid Baseplate 28mm +10
C2.G22.2815	Half-wedge Augment Glenoid Baseplate 28mm +15
C2.G22.2820	Half-wedge Augment Glenoid Baseplate 28mm +20
C2.G22.2825	Half-wedge Augment Glenoid Baseplate 28mm +25
C2.G22.2830	Half-wedge Augment Glenoid Baseplate 28mm +30
C2.G22.2835	Half-wedge Augment Glenoid Baseplate 28mm +35
C2.G22.2840	Half-wedge Augment Glenoid Baseplate 28mm +40
C2.G23.2605	Quarter wedge Augment Glenoid Baseplate 26mm +5
C2.G23.2610	Quarter wedge Augment Glenoid Baseplate 26mm +10
C2.G23.2615	Quarter wedge Augment Glenoid Baseplate 26mm +15
C2.G23.2620	Quarter wedge Augment Glenoid Baseplate 26mm +20
C2.G23.2625	Quarter wedge Augment Glenoid Baseplate 26mm +25
C2.G23.2630	Quarter wedge Augment Glenoid Baseplate 26mm +30
C2.G23.2635	Quarter wedge Augment Glenoid Baseplate 26mm +35
C2.G23.2640	Quarter wedge Augment Glenoid Baseplate 26mm +40
C2.G23.2805	Quarter wedge Augment Glenoid Baseplate 28mm +5
C2.G23.2810	Quarter wedge Augment Glenoid Baseplate 28mm +10
C2.G23.2815	Quarter wedge Augment Glenoid Baseplate 28mm +15
C2.G23.2820	Quarter wedge Augment Glenoid Baseplate 28mm +20
C2.G23.2825	Quarter wedge Augment Glenoid Baseplate 28mm +25
C2.G23.2830	Quarter wedge Augment Glenoid Baseplate 28mm +30
C2.G23.2835	Quarter wedge Augment Glenoid Baseplate 28mm +35
C2.G23.2840	Quarter wedge Augment Glenoid Baseplate 28mm +40
C2.G24.2605	Full wedge Augment Glenoid Baseplate 26mm +5
C2.G24.2610	Full wedge Augment Glenoid Baseplate 26mm +10
C2.G24.2805	Full wedge Augment Glenoid Baseplate 28mm +5
C2.G24.2810	Full wedge Augment Glenoid Baseplate 28mm +10



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HQ and Manufacturing Plant	12, Yeongsanhong 1-gil, Ipjang-myeon, Seobuk-gu, Cheonan-si, Chungcheongnam-do, Republic of Korea
Seoul Office	33-2, Banpo-daero 20-gil, Seocho-gu, Seoul, Republic of Korea
Corentec America, Inc.	23181 Verdugo Dr. #104A, Laguna Hills, CA 92653
EC Representative : Emergo Europe	Westervoortsedijk 60, 6827 AT Arnhem, The Netherlands

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