



DKSORTHO®

ADVANCED SOLUTIONS FOR
**REVERSE
SHOULDER**
ARTHROPLASTY SYSTEM

Engineered for **Stability**.
Designed for **Mobility**.



STABLE FIXATION

Enhanced screw design
for superior stability



ANATOMICAL DESIGN

Optimized geometry for
better range of motion



ADVANCED MATERIALS

High performance materials for
long lasting results



PROVEN PERFORMANCE

Clinical results you can rely on





Introduction

DKSORTHO & SHARMA PHARMACEUTICALS PVT. LTD. is globally renowned and a foremost manufacturer and exporter in orthopaedic implants and instruments. We continuously explore our products globally with well expertise, specialized and well renowned orthopaedic surgeons. We are Serving the orthopaedics globally with the best quality of implants and instruments since 1992 i.e. more than 33 years.

Our Products: (Stainless Steel & Titanium)

1. **ARTHROPLASTY** (TOTAL KNEE REPLACEMENT, TOTAL HIP REPLACEMENT, SHOULDER REPLACEMENT ETC.(CEMENTED & UNCEMENTED))
2. **HEMI-ARTHROPLASTY** (MODULAR BI-POLAR HIP, BI- POLAR HIP, AMP, THOMPSON PROSTHESIS ETC. (CEMENTED & UNCEMENTED))
3. **ARTHROSCOPY IMPLANTS**
4. **SPINAL IMPLANTS**(CERVICAL, THORACOLUMBER & LUMBOSACRAL)& CAGES (TITANIUM AND PEEK)
5. **CANNULATED CANCELLOUS SCREWS**
6. **EXTERNAL FIXATOR**
7. **PINS AND WIRES**
8. **ORAL MAXILLOFACIAL IMPLANTS**
9. **BONE PLATES AND BONE SCREWS** (LOCKED SYSTEMS AND NON LOCKED SYSTEMS)
10. **INTERLOCKING NAILS, LOCKING BOLTS AND ACCESSORIES**
11. **GENERAL INSTRUMENTS**

DKSORTHO & SHARMA PHARMACEUTICALS PVT. LTD. is well certified & accredited by Indian and European Union legal regulations [CE, FDA(Indian), GMP, ISO 9001:2015, ISO 13485:2016]. This credential gives us an edge to supply our products all over the world. Also we do maintain the international standards in the terms of Quality and services. We provide flexible supports that assist companies and individuals to meet their objectives by giving the best possible service at an affordable price.

DKSORTHO & SHARMA PHARMACEUTICALS PVT. LTD. is professionally managed company that believes in building long-term business relationship with their clients. Further more information to strengthen our commitment is contained in the company's website i.e. www.dksortho.com



Address: 444, G.I.D.C Estate, Waghodia -391 760, Vadodara, Gujarat, India

Contact: +91-9825027792

Email: info@dksortho.com; Website: www.dksortho.com



Humeral Stem Standard (122 mm)

The Humeral Stem Standard (122 mm) is a humeral implant component used in reverse shoulder arthroplasty. It is inserted into the humeral canal and provides structural support and fixation for the humeral tray and polyethylene liner.

- **Length:** 122 mm
- **Purpose:** Stabilizes and anchors the humeral component.
- **Placement:** Proximal humerus/humeral canal.
- **Design:** Standard-length stem designed to provide reliable fixation and load transfer.
- **Use:** Used as part of a complete reverse shoulder arthroplasty system.
- **Material:** Typically a biocompatible metal alloy, depending on the manufacturer.

Size	CAT. No. 316 LVM	CAT. No. F75 Co.Cr.	CAT. No. TIT.
4mm	S23.SP9530-LVM	S23.SP9530-L	S23.SP9530-T
5mm	S23.SP9531-LVM	S23.SP9531-L	S23.SP9531-T
6mm	S23.SP9532-LVM	S23.SP9532-L	S23.SP9532-T
7mm	S23.SP9533-LVM	S23.SP9533-L	S23.SP9533-T
8mm	S23.SP9534-LVM	S23.SP9534-L	S23.SP9534-T
9mm	S23.SP9535-LVM	S23.SP9535-L	S23.SP9535-T
10mm	S23.SP9536-LVM	S23.SP9536-L	S23.SP9536-T
11mm	S23.SP9537-LVM	S23.SP9537-L	S23.SP9537-T
12mm	S23.SP9538-LVM	S23.SP9538-L	S23.SP9538-T
13mm	S23.SP9539-LVM	S23.SP9539-L	S23.SP9539-T
14mm	S23.SP9540-LVM	S23.SP9540-L	S23.SP9540-T
15mm	S23.SP9541-LVM	S23.SP9541-L	S23.SP9541-T
16mm	S23.SP9542-LVM	S23.SP9542-L	S23.SP9542-T
17mm	S23.SP9543-LVM	S23.SP9543-L	S23.SP9543-T
18mm	S23.SP9544-LVM	S23.SP9544-L	S23.SP9544-T
19mm	S23.SP9545-LVM	S23.SP9545-L	S23.SP9545-T
20mm	S23.SP9546-LVM	S23.SP9546-L	S23.SP9546-T



Humeral Stem Mini - 83 mm

The Humeral Stem Mini (83 mm) is a shorter humeral implant used in reverse shoulder arthroplasty. It is placed within the humeral canal to provide secure fixation and support for the humeral components.

- **Length:** 83 mm
- **Purpose:** Provides stability and fixation of the humeral implant.
- **Placement:** Proximal humerus/humeral canal.
- **Design:** Compact stem designed to preserve bone while maintaining fixation.
- **Use:** Part of a complete reverse shoulder arthroplasty system.
- **Material:** Generally manufactured from a biocompatible metal alloy, depending on the implant system.

Size	CAT. No. 316 LVM	CAT. No. F75 Co.Cr.	CAT. No. TIT.
4mm	S23.SP9547-LVM	S23.SP9547-L	S23.SP9547-T
5mm	S23.SP9548-LVM	S23.SP9548-L	S23.SP9548-T
6mm	S23.SP9549-LVM	S23.SP9549-L	S23.SP9549-T
7mm	S23.SP9550-LVM	S23.SP9550-L	S23.SP9550-T
8mm	S23.SP9551-LVM	S23.SP9551-L	S23.SP9551-T
9mm	S23.SP9552-LVM	S23.SP9552-L	S23.SP9552-T
10mm	S23.SP9553-LVM	S23.SP9553-L	S23.SP9553-T
11mm	S23.SP9554-LVM	S23.SP9554-L	S23.SP9554-T
12mm	S23.SP9555-LVM	S23.SP9555-L	S23.SP9555-T
13mm	S23.SP9556-LVM	S23.SP9556-L	S23.SP9556-T
14mm	S23.SP9557-LVM	S23.SP9557-L	S23.SP9557-T
15mm	S23.SP9558-LVM	S23.SP9558-L	S23.SP9558-T
16mm	S23.SP9559-LVM	S23.SP9559-L	S23.SP9559-T
17mm	S23.SP9560-LVM	S23.SP9560-L	S23.SP9560-T
18mm	S23.SP9561-LVM	S23.SP9561-L	S23.SP9561-T
19mm	S23.SP9562-LVM	S23.SP9562-L	S23.SP9562-T
20mm	S23.SP9563-LVM	S23.SP9563-L	S23.SP9562-T



Humeral Stem—Micro (55 mm)

The Humeral Stem Micro (55 mm) is a compact humeral implant used in reverse shoulder arthroplasty. It is positioned in the humeral canal to provide fixation and support for the humeral components.

- **Length:** 55 mm
- **Purpose:** Provides stability and anchorage for the humeral component.
- **Placement:** Proximal humerus/humeral canal.
- **Design:** Very short stem intended to preserve bone and provide secure fixation.
- **Use:** Used as part of a complete reverse shoulder arthroplasty system.
- **Material:** Typically made from a biocompatible metal alloy, depending on the implant system.

Size	CAT. No. 316 LVM	CAT. No. F75 Co.Cr.	CAT. No. TIT.
4mm	S23.SP9564-LVM	S23.SP9564-L	S23.SP9564-T
5mm	S23.SP9565-LVM	S23.SP9565-L	S23.SP9565-T
6mm	S23.SP9566-LVM	S23.SP9566-L	S23.SP9566-T
7mm	S23.SP9567-LVM	S23.SP9567-L	S23.SP9567-T
8mm	S23.SP9568-LVM	S23.SP9568-L	S23.SP9568-T
9mm	S23.SP9569-LVM	S23.SP9569-L	S23.SP9569-T
10mm	S23.SP9570-LVM	S23.SP9570-L	S23.SP9570-T
11mm	S23.SP9571-LVM	S23.SP9571-L	S23.SP9571-T
12mm	S23.SP9572-LVM	S23.SP9572-L	S23.SP9572-T
13mm	S23.SP9573-LVM	S23.SP9573-L	S23.SP9573-T
14mm	S23.SP9574-LVM	S23.SP9574-L	S23.SP9574-T
15mm	S23.SP9575-LVM	S23.SP9575-L	S23.SP9575-T
16mm	S23.SP9576-LVM	S23.SP9576-L	S23.SP9576-T
17mm	S23.SP9577-LVM	S23.SP9577-L	S23.SP9577-T
18mm	S23.SP9578-LVM	S23.SP9578-L	S23.SP9578-T
19mm	S23.SP9579-LVM	S23.SP9579-L	S23.SP9579-T
20mm	S23.SP9580-LVM	S23.SP9580-L	S23.SP9580-T



Humeral Stem - Revision (194 mm)

The Humeral Stem Revision (194 mm) is a long humeral implant designed for revision shoulder arthroplasty. It is inserted deeper into the humeral canal to provide enhanced stability and fixation.

- **Length:** 194 mm
- **Purpose:** Provides secure fixation and stability during revision surgery.
- **Placement:** Humeral canal.
- **Design:** Long stem designed for extended fixation and load transfer.
- **Use:** Used in revision reverse shoulder arthroplasty procedures.
- **Material:** Typically made from a biocompatible metal alloy, depending on the implant system.

Size	CAT. No. 316 LVM	CAT. No. F75 Co.Cr.	CAT. No. TIT.
4mm	S23.SP9581-LVM	S23.SP9581-L	S23.SP9581-T
6mm	S23.SP9582-LVM	S23.SP9582-L	S23.SP9582-T
8mm	S23.SP9583-LVM	S23.SP9583-L	S23.SP9583-T
10mm	S23.SP9584-LVM	S23.SP9584-L	S23.SP9584-T
12mm	S23.SP9585-LVM	S23.SP9585-L	S23.SP9585-T
14mm	S23.SP9586-LVM	S23.SP9586-L	S23.SP9586-T



Humeral Spacer (10° Angled)

The Humeral Spacer (10° Angled) is an implant component used in reverse shoulder arthroplasty to adjust the height and alignment of the humeral component.

- **Angle:** 10°
- **Purpose:** Helps optimize humeral positioning and soft-tissue tension.
- **Placement:** Between the humeral stem and tray/component.
- **Design:** Angled spacer providing controlled adjustment of component orientation.
- **Use:** Used as part of a complete reverse shoulder arthroplasty system.
- **Material:** Typically made from a biocompatible metal alloy, depending on the implant system.

Length	Diameter	CAT. No. Co.Cr.	CAT. No. TIT.
(+0.0 mm)	36.0 mm	S23.SP8711-L	S23.SP8711-T
(+9.0 mm)	36.0 mm	S23.SP8712-L	S23.SP8712-T



Standard Taper Adaptor

The Standard Taper Adaptor is an implant component used in reverse shoulder arthroplasty to connect and secure compatible humeral components.

- **Purpose:** Provides a secure connection between components.
- **Placement:** Between compatible humeral implant parts.
- **Design:** Tapered interface for stable component engagement.
- **Function:** Helps maintain proper alignment and fixation.
- **Use:** Used as part of a complete reverse shoulder arthroplasty system.
- **Material:** Typically made from a biocompatible metal alloy, depending on the implant system.

Size	CAT. No. 316 LVM	CAT. No. F75 Co.Cr.	CAT. No. TIT.
STD.	S23.SP9621-LVM	S23.SP9621-L	S23.SP9621-T



Modular Hybrid Glenoid Base

The Modular Hybrid Glenoid Base is an implant component used in reverse shoulder arthroplasty to provide a stable foundation for the glenosphere.

- **Purpose:** Supports and anchors the glenosphere.
- **Placement:** Fixed to the glenoid surface of the scapula.
- **Design:** Modular design allows compatibility with different implant configurations.
- **Function:** Provides secure fixation and helps distribute loads across the glenoid.
- **Use:** Used as part of a complete reverse shoulder arthroplasty system.
- **Material:** Typically made from a biocompatible metal alloy, depending on the implant system.

Size	CAT. No. UHMWPE	CAT. No. XLPE	CAT. No. VITMIN E
Small	S23.SP9622-U	S23.SP9622-H	S23.SP9622-VE
Medium	S23.SP9623-U	S23.SP9623-H	S23.SP9623-VE
Large	S23.SP9624-U	S23.SP9624-H	S23.SP9624-VE



Glenosphere Centric Eccentric

The Glenosphere Centric/Eccentric is the spherical component of a reverse shoulder arthroplasty system that articulates with the humeral liner.

- **Purpose:** Provides the ball component of the reverse shoulder joint.
- **Centric:** Positioned centrally on the glenoid baseplate.
- **Eccentric:** Offset from the center to optimize implant positioning and joint mechanics.
- **Placement:** Attached to the glenoid baseplate.
- **Function:** Helps improve shoulder stability, movement, and deltoid function.
- **Use:** Used as part of a complete reverse shoulder arthroplasty system.

Size	CAT. No. Co.Cr.	CAT. No. TIT.
36mm	S23.SP8702-L	S23.SP8702-T
40mm	S23.SP8703-L	S23.SP8703-T



Locking-Standard Screw 4.5 mm

The Locking-Standard Screw (4.5 mm) is a fixation component used to secure the glenoid baseplate to the scapula in reverse shoulder arthroplasty.

- **Diameter:** 4.5 mm
- **Purpose:** Provides stable fixation of the baseplate.
- **Placement:** Inserted through the glenoid baseplate into the scapula.
- **Design:** Locking screw provides a secure connection with the baseplate.
- **Function:** Helps maintain implant stability and alignment.
- **Material:** Typically made from a biocompatible metal alloy, depending on the implant system.

Size	CAT. No. Co.Cr.	CAT. No. TIT.
20mm	S23.SP8697-L	S23.SP8697-T
25mm	S23.SP8698-L	S23.SP8698-T
30mm	S23.SP8699-L	S23.SP8699-T
35mm	S23.SP8700-L	S23.SP8700-T
40mm	S23.SP8701-L	S23.SP8701-T



Humeral Cup Uhmwpe (Dia. 36mm, 40mm)

The Humeral Cup UHMWPE is a polyethylene component used in reverse shoulder arthroplasty to articulate with the glenosphere.

- **Material:** UHMWPE (Ultra-High-Molecular-Weight Polyethylene)
- **Diameter:** 36 mm and 40 mm
- **Purpose:** Provides a smooth bearing surface for shoulder movement.
- **Placement:** Attached to the humeral tray/component.
- **Design:** Concave cup designed to accommodate the glenosphere.
- **Function:** Helps provide stability and smooth articulation of the shoulder joint.
- **Use:** Used as part of a complete reverse shoulder arthroplasty system.

Dia	Length	CAT. No. UHMWPE
36.0mm	+ 03 mm	S23.SP8705-U
40.0mm	+ 06 mm	S23.SP8706-U
	+ 09 mm	S23.SP8707-U
	+ 12 mm	S23.SP8708-U
	+ 15 mm	S23.SP8709-U
	+ 18 mm	S23.SP8710-U



**Contact your Dksortho representative or visit us at
www.dksortho.com**



DKS/CAT/PTS-R/001

444.G.I.D.C. Estate, Waghodia-391 760 Dist. Vadodara ,Gujarat, India.

☎ +91 9825027792

✉ info@dksortho.com 🌐 www.dksortho.com