



DKSORTHO®

PRATHMESH
PS KNEE
REPLACEMENT
SYSTEM (II GEN)



Product
Catalogue



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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



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PPS Femoral Component (Cemented Fixed)

Key Features

- Anatomically designed femoral geometry for optimal fit and natural knee kinematics.
- Precision-polished cobalt-chromium surface for low friction and excellent wear resistance.
- Cemented fixation design provides immediate and secure implant stability.

Product Benefits

- Restores smooth, stable, and natural knee movement.
- Ensures durable fixation with proven long-term clinical performance.
- Minimizes implant wear while enhancing patient comfort and mobility.

Indications

- Primary Total Knee Replacement for patients with osteoarthritis, rheumatoid arthritis, post-traumatic arthritis, and other degenerative knee disorders requiring cemented fixation.



	Left (PPS)		Right (PPS)	
Size	CAT. No. S.S.	CAT. No. Co.Cr.	CAT. No. S.S.	CAT. No. Co.Cr.
A	S23.TKR8745	S23.TKR8745-L	S23.TKR8754	S23.TKR8754-L
B	S23.TKR8746	S23.TKR8746-L	S23.TKR8755	S23.TKR8755-L
C	S23.TKR8747	S23.TKR8747-L	S23.TKR8756	S23.TKR8756-L
D	S23.TKR8748	S23.TKR8748-L	S23.TKR8757	S23.TKR8757-L
E	S23.TKR8749	S23.TKR8749-L	S23.TKR8758	S23.TKR8758-L
F	S23.TKR8750	S23.TKR8750-L	S23.TKR8759	S23.TKR8759-L
G	S23.TKR8751	S23.TKR8751-L	S23.TKR8760	S23.TKR8760-L
H	S23.TKR8752	S23.TKR8752-L	S23.TKR8761	S23.TKR8761-L

PPS Tibial Insert

Key Features

- Manufactured from highly cross-linked UHMWPE for superior wear resistance.
- Precision locking mechanism ensures secure fixation to the tibial plate.
- Available in multiple thickness options for accurate ligament balancing.

Product Benefits

- Provides smooth articulation and excellent joint stability.
- Reduces polyethylene wear, extending implant longevity.
- Enhances patient comfort with consistent knee motion.

Indications

- Designed for use with the PPS Cemented Fixed Knee System during primary total knee arthroplasty.



Size	10 mm	
Material	UHMWPE	XLPE
AB 1-2	S23.TKR8762-U	S23.TKR8762-H
CD 1-2	S23.TKR8767-U	S23.TKR8767-H
EF 3-4	S23.TKR8772-U	S23.TKR8772-H
CD 3-4	S23.TKR8777-U	S23.TKR8777-H
EF 5-6	S23.TKR8782-U	S23.TKR8782-H

Size	12 mm		14 mm	
Material	UHMWPE	XLPE	UHMWPE	XLPE
AB 1-2	S23.TKR8763-U	S23.TKR8763-H	S23.TKR8764-U	S23.TKR8764-H
CD 1-2	S23.TKR8768-U	S23.TKR8768-H	S23.TKR8769-U	S23.TKR8769-H
EF 3-4	S23.TKR8773-U	S23.TKR8773-H	S23.TKR8774-U	S23.TKR8774-H
CD 3-4	S23.TKR8778-U	S23.TKR8778-H	S23.TKR8779-U	S23.TKR8779-H
EF 5-6	S23.TKR8783-U	S23.TKR8783-H	S23.TKR8784-U	S23.TKR8784-H

Size	17 mm		20 mm	
Material	UHMWPE	XLPE	UHMWPE	XLPE
AB 1-2	S23.TKR8765-U	S23.TKR8763-H	S23.TKR8766-U	S23.TKR8766-H
CD 1-2	S23.TKR8770-U	S23.TKR8768-H	S23.TKR8771-U	S23.TKR8771-H
EF 3-4	S23.TKR8775-U	S23.TKR8773-H	S23.TKR8776-U	S23.TKR8776-H
CD 3-4	S23.TKR8780-U	S23.TKR8778-H	S23.TKR8781-U	S23.TKR8781-H
EF 5-6	S23.TKR8785-U	S23.TKR8783-H	S23.TKR8786-U	S23.TKR8786-H

PPS Tibial Plate (Cemented Fixed)

Key Features

- High-strength cobalt-chromium/titanium alloy baseplate designed for cemented fixation.
- Optimized keel design improves rotational stability and cement interlock.
- Precision-engineered locking mechanism for secure insert engagement.



Product Benefits

- Provides reliable implant fixation and balanced load distribution.
- Enhances long-term stability while reducing implant micromotion.
- Supports excellent functional outcomes in total knee replacement.

Indications

- Primary cemented total knee arthroplasty requiring stable tibial fixation and long-term implant performance.

Size	CAT. No. S.S.	CAT. No. Co.Cr.
1 mm	S23.TKR8787	S23.TKR8787-L
2 mm	S23.TKR8788	S23.TKR8788-L
3 mm	S23.TKR8789	S23.TKR8789-L
4 mm	S23.TKR8790	S23.TKR8790-L
5 mm	S23.TKR8791	S23.TKR8791-L
6 mm	S23.TKR8792	S23.TKR8792-L
7 mm	S23.TKR8793	S23.TKR8793-L
8 mm	S23.TKR8794	S23.TKR8794-L

Patella Components

Key Features

- Anatomically contoured design for improved patellar tracking.
- High-quality UHMWPE construction with excellent wear characteristics.
- Available in multiple sizes to match patient anatomy.



Product Benefits

- Promotes smooth patellofemoral articulation.
- Reduces anterior knee pain and improves joint function.
- Contributes to long-lasting implant performance.

Indications

- Patellar resurfacing during primary total knee replacement for degenerative and inflammatory knee conditions.

Size	Thickness (Std.)	CAT. No. UHMWPE
26 mm	7.5 mm	S23.TKR8795-U
29 mm	8.0 mm	S23.TKR8796-U
32 mm	8.5 mm	S23.TKR8797-U
35 mm	9.0 mm	S23.TKR8798-U
38 mm	9.5 mm	S23.TKR8799-U
41 mm	10.0mm	S23.TKR8800-U

PPS Modular Stem (Straight)

Key Features

- Straight modular stem designed to provide additional implant support.
- Modular configuration allows intraoperative flexibility and easy stem selection.
- High-strength alloy construction ensures excellent mechanical stability.



Product Benefits

- Improves implant fixation in patients requiring additional structural support.
- Enhances load transfer and reduces stress on surrounding bone.
- Increases overall stability and longevity of the knee prosthesis.

Indications

- Primary and complex primary total knee arthroplasty cases requiring enhanced fixation, metaphyseal support, or stem extension.

Dia. / Length	CAT. No. TIT.
30 mm X 12	S23.TKR8801-T
30 mm X 14	S23.TKR8802-T
30 mm X 16	S23.TKR8803-T
45 mm X 12	S23.TKR8804-T
45 mm X 14	S23.TKR8805-T
45 mm X 16	S23.TKR8806-T

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



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