



CR PS

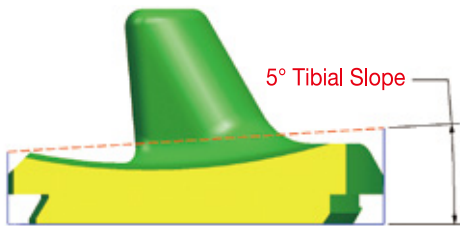
U2 Knee System



Proportional AP / ML Femoral Sizing

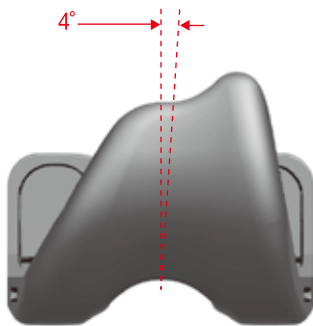
Among the 7* femoral sizes, a proportional 4mm anterior / posterior and medial / lateral size increase aspect ratio occurs for each size, providing reliable intra-operative sizing decisions.

* Ps only



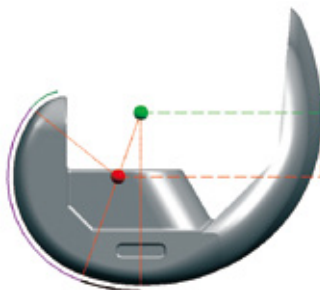
Tibial Insert Design

The UHMWPE insert provides excellent wear characteristics for maximum durability. A 70mm radius in the sagittal plane, positions the femorotibial sulcus consistently 40% from the posterior aspect of the implant for increased ROM. A posterior slope is incorporated to maximize ROM.



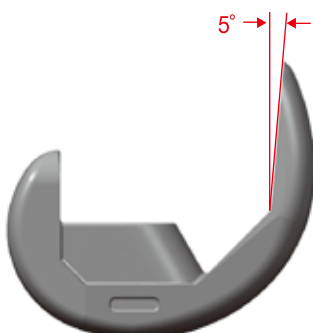
Proportional Patellar Flange Geometry

The patellofemoral volume is the result of careful dimensional analysis to assure the flange would not overstuff the anterior capsule. A 4 degree patellar track angle, along with a consistent trochlear groove depth, was employed to enhance low profile patellar tracking, reduce anterior volume and the need for retinacular release.



Anatomical Femoral Condyle Design

A multi-radius femoral design was chosen to achieve maximum flexion.

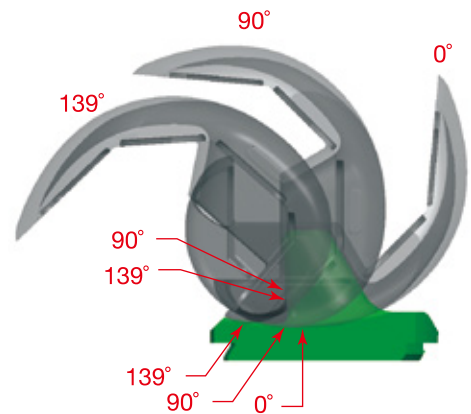


Divergent Patellar Flange Design

A 5 degree divergent patellar flange was also chosen to enhance low profile patellar tracking and reduce femoral notching.

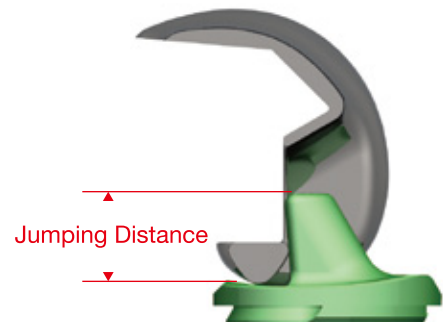
Deep Flexion Engineered

The increased 9mm posterior condylar thickness and the resultant extended condylar curvature, work together with the refined spine / cam mechanism, to provide effective anteroposterior rollback, and an unimpinged 139° ROM.



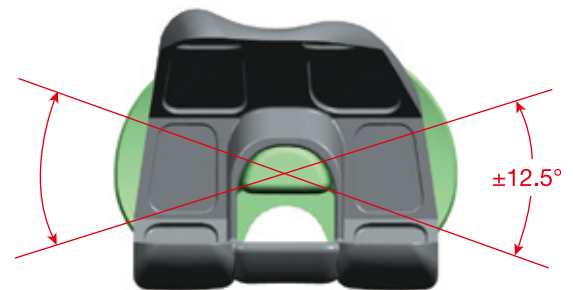
Jumping Distance Safety

The refined spine / cam mechanism achieves a mean jumping distance of 15.48 mm at maximum ROM.



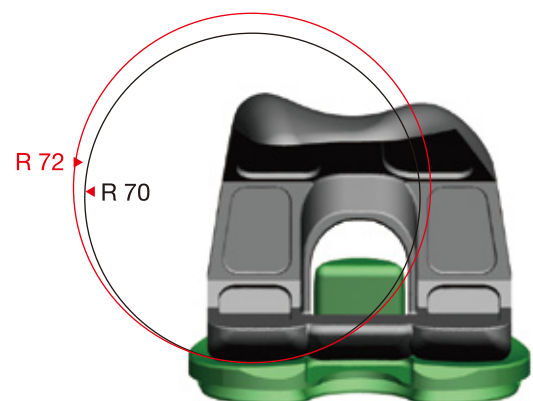
Enhanced Axial Rotation

The anterior aspect of the PS Housing and the PS Spine share a matched radius to accommodate variable tibial implant rotational placement and provide anatomic axial rotation. This design aspect also eliminates needless 'corner to corner' articular impingement seen in square post PS designs.



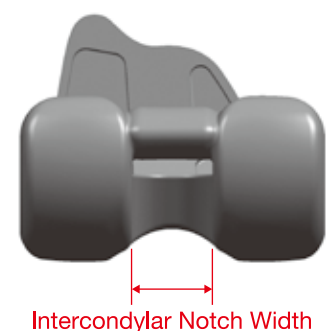
Femoral / Tibial Contact

The consistent 70 / 72 mm large radii 'round on round' geometries create optimal contact area and reduce UHMWPE contact stresses. This geometry assures a continued large contact area in varus/valgus lift-off conditions.



PS Notch Width Consistency

The PS Intercondylar Notch Width has been standardized at 18mm M/L for all femoral sizes, allowing reduced instrumentation and full interchangeability of all femoral and tibial sizes.





U2 PS

Reduced medial lateral flange taper angle provides optimal flange fit without overhang

Single intercondylar notch width for size interchangeability

Peripheral insert locking provides secure coupling and reduces micromotion

U2 CR



Cast cobalt chrome available in both porous and cemented

Curve on curve articulation via consistent 70/ 72 mm contact radius provides high contact and efficient load distribution

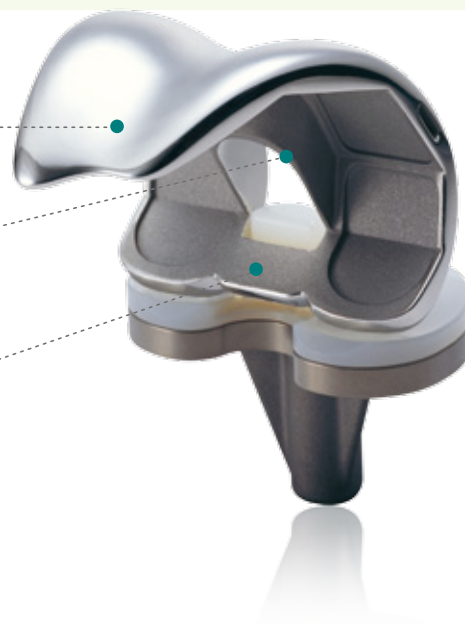
Available in both UHMWPE and X-linked PE

PS

7 femoral and 6 tibial sizes

PS housing radial contour allows axial rotation, and reduces 'corner-impingement' wear potentials

Spine/ cam engineered to provide effective posterior rollback and to enhance maximum ROM



Extended deep patellar groove provides stable patellarfemoral tracking even in deep flexion

Anterior chamfer cut for optimized patellar tendon clearance

Built-in 5° progressive AP slope tibial insert to mimic natural kinematics

Patella



UHMWPE & X-linked PE available

Dome shaped design

Onset type, 3 pegs, 7 sizes

Inset type, 1 peg, 4 sizes

U2 Femoral Component

Cat. No.	Description
2103-1110	CR, porous, #1, left
2103-1120	CR, porous, #2, left
2103-1130	CR, porous, #3, left
2103-1140	CR, porous, #4, left
2103-1150	CR, porous, #5, left
2103-1210	CR, porous, #1, right
2103-1220	CR, porous, #2, right
2103-1230	CR, porous, #3, right
2103-1240	CR, porous, #4, right
2103-1250	CR, porous, #5, right
2103-1310	CR, cemented, #1, left
2103-1320	CR, cemented, #2, left
2103-1330	CR, cemented, #3, left
2103-1340	CR, cemented, #4, left
2103-1350	CR, cemented, #5, left
2103-1360	CR, cemented, #6, left
2103-1410	CR, cemented, #1, right
2103-1420	CR, cemented, #2, right
2103-1430	CR, cemented, #3, right
2103-1440	CR, cemented, #4, right
2103-1450	CR, cemented, #5, right
2103-1460	CR, cemented, #6, right

Cat. No.	Description
2103-3110	PS, #1, left
2103-3120	PS, #2, left
2103-3130	PS, #3, left
2103-3140	PS, #4, left
2103-3150	PS, #5, left
2103-3160	PS, #6, left
2103-3170	PS, #7, left
2103-3210	PS, #1, right
2103-3220	PS, #2, right
2103-3230	PS, #3, right
2103-3240	PS, #4, right
2103-3250	PS, #5, right
2103-3260	PS, #6, right
2103-3270	PS, #7, right

Size	AP	ML
1	52	56
2	56	60
3	60	64
4	64	68
5	68	72
6	72	76
7*	76	80

* PS only

U2 Tibial Baseplate

Cat. No.	Description
2203-3010	Cemented, #1
2203-3020	Cemented, #2
2203-3030	Cemented, #3
2203-3040	Cemented, #4
2203-3050	Cemented, #5
2203-3060	Cemented, #6

Size	1	2	3	4	5	6
AP	42	44.5	47	49.5	52.5	55.5
ML	63	66	69	72	76	80

Inset Patellar Component

Cat. No.	Description
2401-1010	Size S
2401-1020	Size M
2401-1030	Size L
2401-1040	Size XL

Size	S	M	L	XL
Diameter(mm)	22	25	28	32
Thickness(mm)	8	10	10	10

Onset Patellar Component

Cat. No.	Description
2403-1010	Size XS
2403-1020	Size S
2403-1030	Size M
2403-1040	Size L
2403-1050	Size XL
2403-1060	Size 2XL
2403-1070	Size 3XL

Size	XS	S	M	L	XL	2XL	3XL
Diameter(mm)	26	29	32	35	38	41	44
Thickness(mm)	7	8	8.5	9	9.5	10	10.5

Tibial Insert

Cat. No.	Description	Cat. No.	Description
2303-1211	CR, #1, 9mm	2303-3011	PS, #1, 9mm
2303-1212	CR, #1, 11mm	2303-3012	PS, #1, 11mm
2303-1213	CR, #1, 13mm	2303-3013	PS, #1, 13mm
2303-1214	CR, #1, 15mm	2303-3014	PS, #1, 15mm
2303-1215	CR, #1, 18mm	2303-3015	PS, #1, 18mm
2303-1221	CR, #2, 9mm	2303-3021	PS, #2, 9mm
2303-1222	CR, #2, 11mm	2303-3022	PS, #2, 11mm
2303-1223	CR, #2, 13mm	2303-3023	PS, #2, 13mm
2303-1224	CR, #2, 15mm	2303-3024	PS, #2, 15mm
2303-1225	CR, #2, 18mm	2303-3025	PS, #2, 18mm
2303-1231	CR, #3, 9mm	2303-3031	PS, #3, 9mm
2303-1232	CR, #3, 11mm	2303-3032	PS, #3, 11mm
2303-1233	CR, #3, 13mm	2303-3033	PS, #3, 13mm
2303-1234	CR, #3, 15mm	2303-3034	PS, #3, 15mm
2303-1235	CR, #3, 18mm	2303-3035	PS, #3, 18mm
2303-1241	CR, #4, 9mm	2303-3041	PS, #4, 9mm
2303-1242	CR, #4, 11mm	2303-3042	PS, #4, 11mm
2303-1243	CR, #4, 13mm	2303-3043	PS, #4, 13mm
2303-1244	CR, #4, 15mm	2303-3044	PS, #4, 15mm
2303-1245	CR, #4, 18mm	2303-3045	PS, #4, 18mm
2303-1251	CR, #5, 9mm	2303-3051	PS, #5, 9mm
2303-1252	CR, #5, 11mm	2303-3052	PS, #5, 11mm
2303-1253	CR, #5, 13mm	2303-3053	PS, #5, 13mm
2303-1254	CR, #5, 15mm	2303-3054	PS, #5, 15mm
2303-1255	CR, #5, 18mm	2303-3055	PS, #5, 18mm
2303-1261	CR, #6, 9mm	2303-3061	PS, #6, 9mm
2303-1262	CR, #6, 11mm	2303-3062	PS, #6, 11mm
2303-1263	CR, #6, 13mm	2303-3063	PS, #6, 13mm
2303-1264	CR, #6, 15mm	2303-3064	PS, #6, 15mm
2303-1265	CR, #6, 18mm	2303-3065	PS, #6, 18mm



XPE Tibial Insert

Cat. No.	Description	Cat. No.	Description
2303-1611	XCR, #1, 9mm	2303-3611	XPS, #1, 9mm
2303-1612	XCR, #1, 11mm	2303-3612	XPS, #1, 11mm
2303-1613	XCR, #1, 13mm	2303-3613	XPS, #1, 13mm
2303-1614	XCR, #1, 15mm	2303-3614	XPS, #1, 15mm
2303-1615	XCR, #1, 18mm	2303-3615	XPS, #1, 18mm
2303-1621	XCR, #2, 9mm	2303-3621	XPS, #2, 9mm
2303-1622	XCR, #2, 11mm	2303-3622	XPS, #2, 11mm
2303-1623	XCR, #2, 13mm	2303-3623	XPS, #2, 13mm
2303-1624	XCR, #2, 15mm	2303-3624	XPS, #2, 15mm
2303-1625	XCR, #2, 18mm	2303-3625	XPS, #2, 18mm
2303-1631	XCR, #3, 9mm	2303-3631	XPS, #3, 9mm
2303-1632	XCR, #3, 11mm	2303-3632	XPS, #3, 11mm
2303-1633	XCR, #3, 13mm	2303-3633	XPS, #3, 13mm
2303-1634	XCR, #3, 15mm	2303-3634	XPS, #3, 15mm
2303-1635	XCR, #3, 18mm	2303-3635	XPS, #3, 18mm
2303-1641	XCR, #4, 9mm	2303-3641	XPS, #4, 9mm
2303-1642	XCR, #4, 11mm	2303-3642	XPS, #4, 11mm
2303-1643	XCR, #4, 13mm	2303-3643	XPS, #4, 13mm
2303-1644	XCR, #4, 15mm	2303-3644	XPS, #4, 15mm
2303-1645	XCR, #4, 18mm	2303-3645	XPS, #4, 18mm
2303-1651	XCR, #5, 9mm	2303-3651	XPS, #5, 9mm
2303-1652	XCR, #5, 11mm	2303-3652	XPS, #5, 11mm
2303-1653	XCR, #5, 13mm	2303-3653	XPS, #5, 13mm
2303-1654	XCR, #5, 15mm	2303-3654	XPS, #5, 15mm
2303-1655	XCR, #5, 18mm	2303-3655	XPS, #5, 18mm
2303-1661	XCR, #6, 9mm	2303-3661	XPS, #6, 9mm
2303-1662	XCR, #6, 11mm	2303-3662	XPS, #6, 11mm
2303-1663	XCR, #6, 13mm	2303-3663	XPS, #6, 13mm
2303-1664	XCR, #6, 15mm	2303-3664	XPS, #6, 15mm
2303-1665	XCR, #6, 18mm	2303-3665	XPS, #6, 18mm

XPE Patellar Component

Cat. No.	Description
2403-3010	Inset, Size S
2403-3020	Inset, Size M
2403-3030	Inset, Size L
2403-3040	Inset, Size XL
2403-3210	Onset, Size XS
2403-3220	Onset, Size S
2403-3230	Onset, Size M
2403-3240	Onset, Size L
2403-3250	Onset, Size XL
2403-3260	Onset, Size 2XL
2403-3270	Onset, Size 3XL





Office

■ Taiwan

12F, No. 80, Sec. 1, Chenggong Rd., Yonghe Dist.,
New Taipei City 23452, Taiwan
Tel: +886 2 2929-4567 Fax: +886 2 2922-4567

■ EU Representative

mdi Europa GmbH
Langenhagener Strasse 71, 30855 Langenhagen, Germany
Tel: +49-511-3908 9530 Fax: +49-511-3908 9539

Plant

■ Taiwan

No. 57, Park Ave. 2, Science Park, Hsinchu, 30075, Taiwan
Tel: + 886 3 577-3351 Fax: + 886 3 577-7156

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