



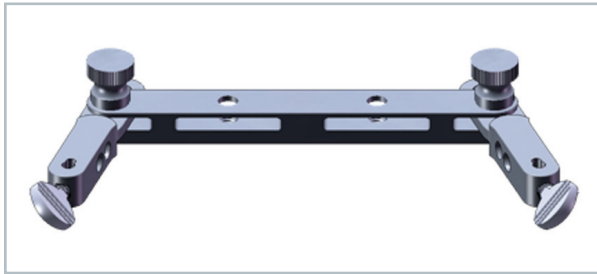
NEW GENERATION DEVICES
Choice without compromise



Universal Osteotomy Jig

Introduction:

The New Generation Devices Universal Osteotomy Jig (UOJ) is designed to provide the surgeon with a cutting guide with the greatest amount of flexibility for use with a large range of plate sizes. As plate selection has increased and saw blade sizes range from 10mm to 33mm, large, one size cutting guides are no longer able to adjust to the smaller bone and plate needs. The NGD Universal Osteotomy Jig adjusts for plate sizes from 2.0mm up to 3.5mm broad plates. The unique design of the jig arms allows for the jig to be adjusted such that smaller pins and tighter placement is possible. In addition, the specially designed pin holes can properly accommodate smaller 3/32" pins for use with smaller plates, but still hold 1/8" pins for larger bones. In addition, due to the flexibility of adjustment, the guide can be used for other indications, including wedge cuts for a Distal Femoral Osteotomy. No instruments are required for use with the Jig since all adjustment and tightening points can be made by hand.



Indications:

- The New Generation Devices Universal Osteotomy Jig is indicated for use for temporary support and positioning of bone segments during the creation of a crescentic, wedge, transverse or other type of osteotomy.

Contraindications:

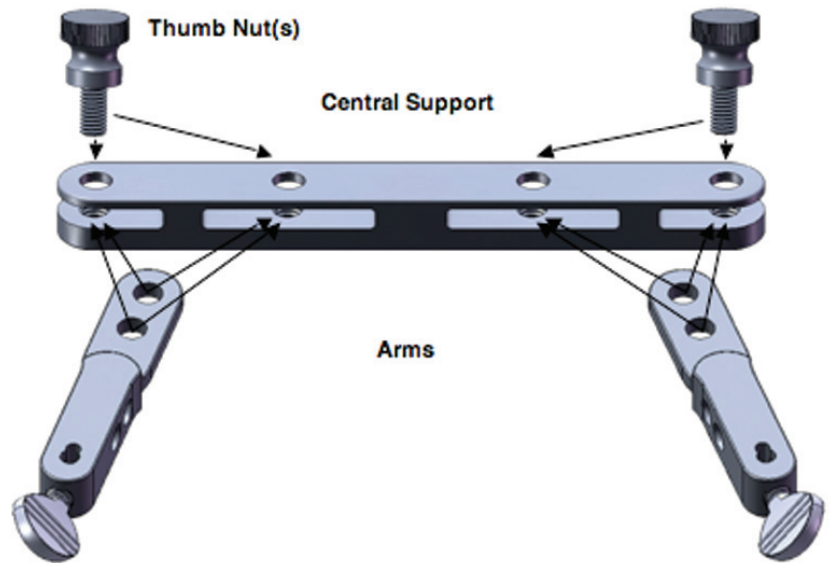
- The Universal Osteotomy Jig is contraindicated for use as a long term fixation device.

Design Features:

- The UOJ can be used for a large range of osteotomy types, including but not limited to wedge, transverse or crescentic, and plate sizes ranging from 2.0 UCP to 3.5 Jumbo UCP and 2.0 DFO to 3.5 Broad DFO
- Arms can handle a large range of pin sizes however, they have been specifically designed to accommodate the popular 3/32" and 1/8" pins
- No tools required, all adjustments can be made by hand
- Jig can be adjusted closer or further from osteotomy site due to multiple options for arm placement



The jig has been specially designed to handle osteotomies of all sizes, while maintaining a rigid and sturdy construct. The ease and simplicity of moving the arm positions allows the jig to be properly adjusted to meet the delicate nature of small bones and small plates while still allowing for the appropriate span for larger plates. All adjustment points can be made by hand; therefore the jig can be properly aligned with minimal effort. Due to the multiple positioning points, specific pin positioning is left up to the operating physician.



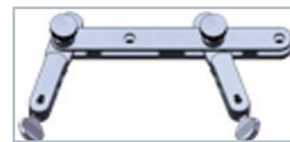
Jig Positioning and Suggested Usage:



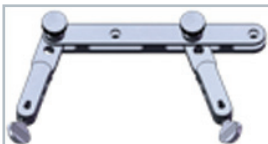
For use with:
2.0 UCP
2.0 DFO
2.4 DFO



For use with:
2.4 UCP
2.4 DFO



For use with:
2.7 UCP
3.5 Mini UCP
2.7 DFO



For use with:
3.5 Mini UCP
3.5 UCP
3.5 UCPP
3.5 DFO



For use with:
3.5 UCP
3.5 UCPP
3.5 Broad UCP
3.5 Broad UCPP
3.5 Broad DFO



For use with:
3.5 Broad UCP
3.5 Broad UCPP
3.5 Jumbo UCP
3.5 Broad DFO

Implants

Unity Cruciate Plate for TPLO

Cat#	Description	Length
UCP2.0L	2.0mm Unity Cruciate Plate, Left	.29mm
UCP2.0R	2.0mm Unity Cruciate Plate, Right	.29mm
UCP2.4L	2.4mm Unity Cruciate Plate, Left	.38mm
UCP2.4R	2.4mm Unity Cruciate Plate, Right	.38mm
UCP2.7L	2.7mm Unity Cruciate Plate, Left	.42mm
UCP2.7R	2.7mm Unity Cruciate Plate, Right	.42mm
UCPM3.5L	3.5mm Mini Unity Cruciate Plate, Left	.55mm
UCPM3.5R	3.5mm Mini Unity Cruciate Plate, Right	.55mm
UCP3.5L	3.5mm Unity Cruciate Plate, Left	.64mm
UCP3.5R	3.5mm Unity Cruciate Plate, Right	.64mm
UCPB3.5L	3.5mm Broad Unity Cruciate Plate, Left	.79mm
UCPB3.5R	3.5mm Broad Unity Cruciate Plate, Right	.79mm
UCPJ3.5L	3.5mm Jumbo Unity Cruciate Plate, Left	.103mm
UCPJ3.5R	3.5mm Jumbo Unity Cruciate Plate, Right	.103mm

Pre-Contoured

UCPP3.5L	3.5mm Unity Cruciate Plate, Pre-Contoured Left	.64mm
UCPP3.5R	3.5mm Unity Cruciate Plate, Pre-Contoured Right	.64mm
UCBP3.5L	3.5mm Broad Unity Cruciate Plate, Pre-Contoured Left	.79mm
UCBP3.5R	3.5mm Broad Unity Cruciate Plate, Pre-Contoured Right	.79mm

Distal Femoral Osteotomy/Ostectomy Plate

Cat#	Description	Length
DFO2.0L	2.0mm DFO Plate, Left	.47mm
DFO2.0R	2.0mm DFO Plate, Right	.47mm
DFO2.4L	2.4mm DFO Plate, Left	.56mm
DFO2.4R	2.4mm DFO Plate, Right	.56mm
DFO2.7L	2.7mm DFO Plate, Left	.65mm
DFO2.7R	2.7mm DFO Plate, Right	.65mm
DFOM3.5L	3.5mm Mini DFO Plate, Left	.74mm
DFOM3.5R	3.5mm Mini DFO Plate, Right	.74mm
DFO3.5L	3.5mm DFO Plate, Left	.83mm
DFO3.5R	3.5mm DFO Plate, Right	.83mm
DFOB3.5L	3.5mm Broad DFO Plate, Left	.99mm
DFOB3.5R	3.5mm Broad DFO Plate, Right	.99mm

Fixation Pins

Cat#	Description
FP3/32"	3/32" Fixation Pin, 8" length
FP7/64"	7/64" Fixation Pin, 8" length
FP1/8"	1/8" Fixation Pin, 9" length
PTFP3/32"	3/32" Partially Threaded Fixation Pin, 8" length
PTFP1/8"	1/8" Partially Threaded Fixation Pin, 9" length

Instruments:

Cat#	Description
UOJ	Universal Osteotomy Jig
COB-10S	10mm Crescentic Osteotomy Blade
COB-12S	12mm Crescentic Osteotomy Blade
COB-15S	15mm Crescentic Osteotomy Blade
COB-18S	18mm Crescentic Osteotomy Blade
COB-21S	21mm Crescentic Osteotomy Blade
COB-24S	24mm Crescentic Osteotomy Blade
COB-27S	27mm Crescentic Osteotomy Blade
COB-30S	30mm Crescentic Osteotomy Blade
COB-33S	33mm Crescentic Osteotomy Blade

NGD Crescentic Saw Blade Tibial Rotation Chart

Rotation Calculations Intended to Leave 5° of Tibial Slope

Tibial Angle	10mm	12mm	15mm	18mm	21mm	24mm	27mm	30mm	33mm
10	.85	1.00	1.50	1.75	1.75	2.00	2.50	2.75	3.00
11	1.00	1.25	1.75	2.00	2.00	2.50	3.00	3.25	3.50
12	1.20	1.50	2.00	2.25	2.50	3.00	3.50	3.75	4.00
13	1.35	1.70	2.25	2.50	2.75	3.50	4.00	4.25	4.50
14	1.50	1.90	2.50	2.75	3.25	3.75	4.50	4.75	5.25
15	1.70	2.10	2.75	3.25	3.50	4.25	5.00	5.50	5.75
16	1.85	2.25	3.00	3.50	3.75	4.50	5.50	5.75	6.25
17	2.00	2.50	3.50	3.75	4.25	5.00	5.75	6.25	7.00
18	2.20	2.75	3.75	4.25	4.50	5.50	6.25	6.75	7.50
19	2.40	2.90	4.00	4.50	5.00	6.00	6.75	7.50	8.25
20	2.55	3.15	4.25	4.75	5.25	6.25	7.25	8.00	8.75
21	2.70	3.30	4.50	5.00	5.50	6.75	7.75	8.50	9.25
22	2.90	3.55	4.75	5.50	6.00	7.00	8.25	9.00	9.75
23	3.10	3.75	5.00	5.75	6.25	7.50	8.75	9.50	10.50
24	3.25	4.00	5.25	6.00	6.75	8.00	9.25	10.00	11.00
25	3.40	4.25	5.50	6.50	7.00	8.25	9.75	10.50	11.50
26	3.55	4.40	6.00	6.75	7.25	8.75	10.25	11.00	12.25
27	3.75	4.60	6.25	7.00	7.75	9.00	10.75	11.50	12.75
28	3.90	4.85	6.50	7.25	8.00	9.50	11.25	12.25	13.25
29	4.10	5.00	6.75	7.25	8.50	10.00	11.75	12.75	14.00
30	4.25	5.25	7.00	8.00	8.75	10.25	12.25	13.25	14.50
31	4.40	5.45	7.25	8.25	9.00	10.75	12.75	13.75	15.00
32	4.60	5.65	7.50	8.75	9.50	11.00	13.25	14.25	15.50
33	4.75	5.90	7.75	9.00	9.75	11.50	13.75	14.75	16.25
34	4.95	6.10	8.00	9.25	10.25	12.00	14.25	15.25	16.75
35	5.00	6.30	8.50	9.50	10.50	12.25	14.75	16.00	17.50
36	5.25	6.50	8.75	10.00	10.75	12.75	15.25	16.50	18.00
37	5.45	6.75	9.00	10.25	11.25	13.00	15.75	17.00	18.50
38	5.60	6.95	9.25	10.50	11.50	13.50	16.25	17.50	19.25
39	5.80	7.15	9.50	11.00	12.00	14.00	16.75	18.00	19.75
40	5.95	7.35	10.00	11.25	12.25	14.25	17.25	18.50	20.25
41	6.10	7.55	10.25	11.50	12.50	15.00	17.75	19.00	20.75
42	6.30	7.75	10.50	11.75	13.00	15.50	18.25	19.50	21.50
43	6.45	8.00	10.75	12.25	13.25	16.00	18.75	20.00	22.00
44	6.65	8.20	11.00	12.50	13.75	16.50	19.00	20.50	22.50
45	6.80	8.40	11.25	12.75	14.00	16.75	19.50	21.25	23.25



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