



Zimmer® M/L Taper Hip Prosthesis

Abbreviated
Surgical Technique

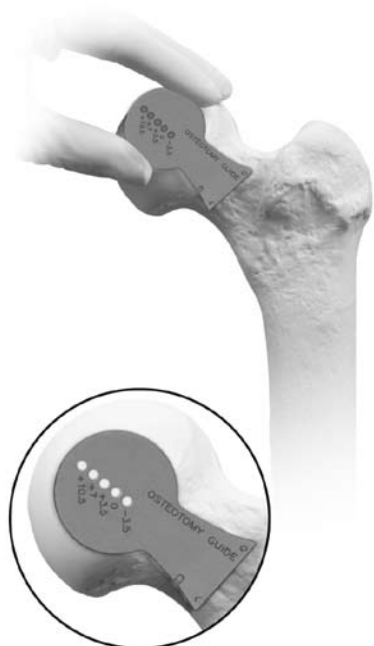


Bone Conserving, Simple Technique



1 Resect Femoral Head

Place the Osteotomy Guide in the desired position on the femur and resect the femoral head.



2 Remove Medial Trochanteric Bone

Use the Box Osteotome to remove the medial portion of the greater trochanter and lateral femoral neck.



3 Open Medullary Canal

Use the Starter Awl or Starter Rasp to open the medullary canal.



4 Rasp Femur

Begin the rasping sequence with an M/L Taper System Rasp that is at least two sizes smaller than the estimated implant size.



5 Plane Calcar (Optional)

Insert the tip of the guide rod on the Calcar Planer into the hole on top of rasp. Start the drill/driver and advance the planer into the bone slowly while rotating the planer around the guide rod.



6 Perform Trial Reduction

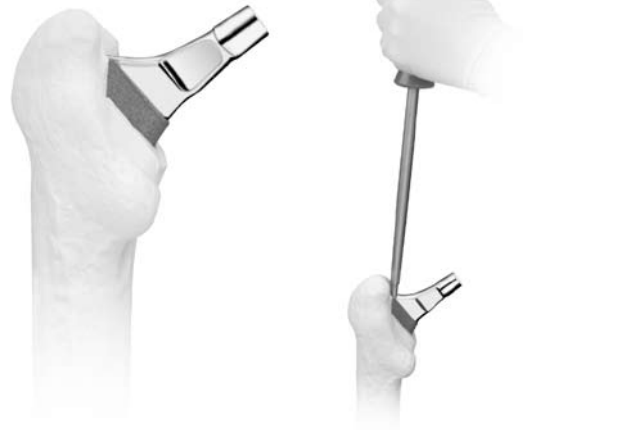
Assemble the appropriately sized Standard or Extended Cone Provisional and Femoral Head Provisional to the rasp and perform a trial reduction.

Note: Verify etched size on rasp and provisionals before performing a trial reduction.



7 Insert Femoral Stem Implant

Insert the implant by hand and use the Standard Stem Driver to impact the implant. The Standard Stem Driver has a teardrop-shaped tip to allow the surgeon to control rotation during insertion.



7A Optional Insertion Technique

Attach the Stem Inserter to the selected femoral implant and insert the implant until it will no longer advance with hand pressure. Begin to tap the Stem Inserter handle with mallet until prosthesis is fully seated. A third option, Round Tip Stem Driver allows rotational freedom during insertion.

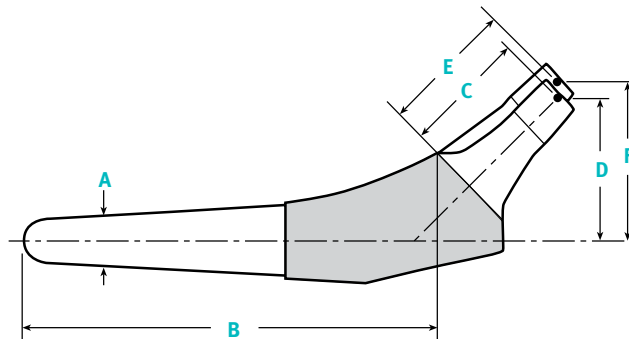


8 Attach Femoral Head Implant

Check to ensure that the 12/14 taper is clean and dry. Then place the selected femoral head on the taper and secure it firmly by twisting it and striking it once with the Head Impactor.



Zimmer M/L Taper Hip Prosthesis



Standard Offset

Prod. No.	HA/TCP Prod. No.	A Stem Size (mm)	B Stem Length (mm)	C Neck Length (mm) When Head/Neck Component Selected is:					D Stem Offset (mm) When Head/Neck Component Selected is:				
				-3.5	+0	+3.5	+7	+10.5	-3.5	+0	+3.5	+7	+10.5
00-7711-004-10	65-7711-004-10	4	107	28	32	35	39	42	33	35	38	40	43
00-7711-005-00	65-7711-005-00	5	109	33	37	40	44	47	37	40	42	45	48
00-7711-006-00	65-7711-006-00	6	111	33	37	40	44	47	38	40	43	46	48
00-7711-007-00	65-7711-007-00	7.5	114	35	38	42	45	49	40	43	45	48	50
00-7711-009-00	65-7711-009-00	9	117	35	38	42	45	49	41	43	46	49	51
00-7711-010-00	65-7711-010-00	10	119	35	38	42	45	49	41	44	46	49	52
00-7711-011-00	65-7711-011-00	11	121	35	38	42	45	49	42	44	47	50	52
00-7711-012-00	65-7711-012-00	12.5	124	35	38	42	45	49	42	45	48	50	53
00-7711-013-00	65-7711-013-00	13.5	126	35	38	42	45	49	43	46	48	51	53
00-7711-015-00	65-7711-015-00	15	129	35	38	42	45	49	44	46	49	52	54
00-7711-016-00	65-7711-016-00	16.25	132	35	39	42	46	49	44	47	49	52	54
00-7711-017-00	65-7711-017-00	17.5	134	35	38	42	45	49	45	48	50	53	55
00-7711-020-00	65-7711-020-00	20	139	35	38	42	45	49	46	49	51	54	57
00-7711-022-00	65-7711-022-00	22.5	144	35	38	42	46	49	47	50	53	55	58

Extended Offset

Prod. No.	HA/TCP Prod. No.	A Stem Size (mm)	B Stem Length (mm)	E Neck Length (mm) When Head/Neck Component Selected is:					F Stem Offset (mm) When Head/Neck Component Selected is:				
				-3.5	+0	+3.5	+7	+10.5	-3.5	+0	+3.5	+7	+10.5
00-7711-004-40	65-7711-004-40	4	107	32	35	39	42	46	38	40	43	45	48
00-7711-005-20	65-7711-005-20	5	109	37	40	44	47	51	42	45	47	50	53
00-7711-006-20	65-7711-006-20	6	111	37	40	44	47	51	43	45	48	51	53
00-7711-007-20	65-7711-007-20	7.5	114	39	42	46	49	52	45	48	50	53	55
00-7711-009-20	65-7711-009-20	9	117	39	42	46	49	52	46	48	51	54	56
00-7711-010-20	65-7711-010-20	10	119	39	42	46	49	52	46	49	51	54	57
00-7711-011-20	65-7711-011-20	11	121	39	42	46	49	53	47	49	52	55	57
00-7711-012-20	65-7711-012-20	12.5	124	39	42	46	49	52	47	50	53	55	58
00-7711-013-20	65-7711-013-20	13.5	126	39	42	46	49	52	48	51	53	56	58
00-7711-015-20	65-7711-015-20	15	129	39	42	46	49	53	49	51	54	57	59
00-7711-016-20	65-7711-016-20	16.25	132	39	42	46	49	53	49	52	54	57	59
00-7711-017-20	65-7711-017-20	17.5	134	39	42	46	49	52	50	53	55	58	60
00-7711-020-20	65-7711-020-20	20	139	39	42	46	49	52	51	54	56	59	62
00-7711-022-20	65-7711-022-20	22.5	144	39	42	46	49	53	52	55	58	60	63

Please refer to package insert for complete product information, including contraindications, warnings, precautions, and adverse effects.



Contact your Zimmer representative or visit us at www.zimmer.com



+H124977711003001/\$081217R1L08+

97-7711-003-00 Rev.1 1ML Printed in USA ©2003, 2008 Zimmer, Inc.