



Helm Dental Laboratory

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Torque Recommendations for Final Abutments

*Torque values listed here are recommendations provided for your reference only. They are subject to change without notice in order to adhere to implant manufacturer's recommendations. Torques provided are for final abutments only. Please note that torque values for other types of abutment such as temporary abutments, healing abutments, multi-unit abutments or attachments such as Locators and ball abutments may be different. No guarantee is implied or given for this information. **Consult the OEM implant manufacturer for additional information or for any implant not listed here.***

Manufacturer	Implants	Torque (Ncm)	Screwdriver Type
3i Biomet	See Zimmer Biomet below		
3M (Imtec)	Endure 3.5, 4.3, 5.0	35	1.25mm Hex
Ace Surgical	Octagon BL 3.3, 3.75, 4.1, 4.8	35	Octagon
	Octagon TL 3.3, 4.1, 4.8		
	Infinity Internal Hex 3.7, 4.1, 4.7, 5.1	30	0.050" (1.25mm) Hex
AstraTech	See Dentsply Sirona below		
BioHorizons	Internal / Internal Tapered 3.0, 3.5, 4.5, 5.7	30	0.050" (1.25mm) Hex
	External 3.5, 4.0, 5.0		
BlueSky Bio	Conus 12	30	0.050" (1.25mm) Hex
	Internal Hex		
	Max	30	0.048" (1.22mm) Hex
	One Stage	30	Star & 0.048" Hex
	Quattro	30	0.048" (1.22mm) Hex
	TriLobe	30	Unigrip & 0.048" Hex
Camlog	Camlog Screw Line, Root Line 3.3, 3.8, 4.3, 5.0, 6.0	20	1.28mm Hex
	CONELOG 3.3, 3.8, 4.3, 5.0		
Dentis	SQ Mini 3.5, 4.0, Regular 4.5, 5.0, 5.5, Wide 6.0, 7.0, 8.0	30	1.25mm Hex
	S-Clean 3.7, 4.1, 4.3, 4.8, 5.5, 6.0		
Dentium	Implantium	20 N;	1.2mm Hex
	Super Line	30 R	
Dentsply Sirona (incl. AstraTech)	PrimeTaper EV 3.6 Purple, 4.2 Yellow, 4.8 Blue, 5.4 Blue	25	
	AstraTech EV 3.0 Green, 3.6 Purple, 4.2 Yellow, 4.8 Blue, 5.4 Brown	25	
	AstraTech EV Profile 4.2 Yellow, 4.8 Blue	25	
	Osseospeed / Osseospeed TX 3.0 Yellow	15	0.050" Hex
	Osseospeed / Osseospeed TX 3.5, 4.0 Aqua	20	
	Osseospeed / Osseospeed TX 4.5, 5.0 Lilac	25	
	Osseospeed 4.0 Blue (Previous)	25	
	Osseospeed TX Profile 4.5, 5.0	25	
	Ankylos C/X 3.5, 4.5, 5.5, 7.0 (Indexed or Non-indexed)	15	1.0mm Hex
	Frialit 3.4, 3.8, 4.5, 5.5	24	1.22mm Hex
Xive S 3.0, 3.4, 3.8, 4.5, 5.5	24		

Manufacturer	Implants	Torque (Ncm)	Screwdriver Type
Glidewell	Hahn Tapered 3.0	15	Hahn Prosthetic Driver
	Hahn Tapered 3.5, 4.3, 5.0, 7.0	35	
	Inclusive Tapered 3.7, 4.2, 4.7, 5.2	35	0.050" (1.25mm) Hex
Hiossen (Osstem)	ET Mini 3.2	20	1.2mm Hex
	ET Regular 4.0, 4.5, 5.0, 6.0, 7.0	30	
	HG Mini 3.5	20	
	HG Standard 4.0, 4.5, 5.0	30	
	TS Mini 3.5	20	
	TS Regular 4.0, 4.5, 5.0, 6.0 7.0	30	
Implant Direct	Legacy 3.0	20-25	0.050" (1.25mm) Hex
	Legacy 3.7, 4.2, 4.7, 5.7, 7.0	30	
	RePlant 3.5, 4.3, 5.0, 6.0	35	1.25mm Hex or Unigrip
	ReActive 3.7, 4.2, 4.7, 5.7		
	SwishActive 3.3, 4.1, 4.8 (Bone Level)	35	1.25mm Hex or SCS
SwishPlus 3.3, 4.1, 4.8 (Tissue Level)			
Imtec	See 3M above		
Keystone (incl. Lifecore & Paltop)	PrimaConnex SD 3.3, 3.5, RD 4.0, 4.1, WD 5.0	30	Keystone Quad Driver
	Genesis 3.8, 4.5, 5.5, 6.5		
	TiLobe 3.5, 3.8, 4.1, 4.5, 5.0, 5.5		
	TiLobe MAXX 6.5, 7.0, 8.0, 9.0	30	0.048" Hex
	Renova SDI 3.75, RDI 4.5/4.7		
	Restore Sustain SD 3.3, RD 3.75, 4.0, 4.2	25-30	0.050" (1.25mm) Hex
	Paltop Internal Hex NP 3.0, 3.25		
	Paltop Internal Hex SP 3.75, 4.2, 5.0, WP 6.0		
	Paltop Conical Active 3.25, 3.75, 4.2, 5.0	25	
Lifecore	See Keystone above		
Megagen	AnyRidge 3.5, 4.0, 4.5, 5.0, 6.0, 6.5, 7.0, 7.5, 8.0	25-35	1.2mm Hex
	EZ Plus 3.5, 4.1, 5.0	35	0.048" Hex
	Rescue 5.0, 6.0	45	
	ExFeel Internal 3.5	25	1.2mm Hex
	ExFeel Internal 4.1, 4.8, 5.5	35	
	ExFeel External 3.3	25	
ExFeel External 3.75, 4.0, 4.5, 5.0, 5.5	35		
MIS	C1 NP 3.3, SP 3.75, 4.2, WP 5.0	30	0.050" Hex
	M4 NP 3.3, SP 3.75, 4.2, WP 5.0, 6.0		
	SEVEN NP 3.3, SP 3.75, 4.2, WP 5.0, 6.0		
	V3 NP 3.3, SP 3.9, 4.3, 5.0		
Neodent	GM 3.5, 3.75, 4.0, 4.3, 5.0	20	Neo Screwdriver
	CM 3.5, 3.75, 4.0, 4.3, 5.0	15	0.9mm Hex

Manufacturer	Implants	Torque (Ncm)	Screwdriver Type
Nobel Biocare	NobelActive 3.0	15	Uni-Grip Driver
	NobelActive NP 3.5, RP 4.3, 5.0, WP 5.5		
	Nobel Replace Conical Connection NP 3.5, RP 4.3, 5.0		
	Nobel Replace TriLobe NP 3.5, RP 4.3, WP 5.0, 6.0	35	
	Branemark System (External) NP 3.3, RP 3.75, 4.0, WP 5.0, 5.5		
	SteriOss Replace (External) 3.5, 4.3, 5.0, 6.0		
OCO BioMedical	ERI 3.25, 4.0, 5.0	30	0.050" (1.25mm) Hex
	TSI 3.25, 4.0, 5.0		
Paltop	See Keystone above		
Southern Dental	TriNex 3.5, 4.1	32	Uni-Grip Driver
	OCT 4.8, 6.5	32	Star/Torx
Straumann	BLX 3.5, 3.75, 4.0, 4.5, 5.0, 5.5, 6.5	35	SCS Screwdriver
	Bone Level NC 3.3, RC 4.1, 4.8 (Tapered or Straight)		
	Standard / Standard Plus (Tissue Level) RN 4.8, WN 4.8		
	Standard Plus NN 3.3 (External)		
	Standard Plus NNC 3.3		
Surgikor	All implants	30	0.050" Hex
Thommen	SPI 3.5	15	Four Lobe
	SPI 4.0, 4.5, 5.0, 6.0	20-25	
Zimmer Biomet (incl. Biomet 3i)	3i Certain 3.25, 4.0, 4/3, 5.0, 5/4, 6.0	20	0.048" Hex
	3i Certain Prevail 3/4/3, 4/5/4, 5/6/5, 4/3, 5/4, 6/5		
	3i Certain XP 4/5, 5/6		
	3i Miniplant 3.25		
	3i Osseotite 3.75, 4.0, 5.0, 6.0	30	1.25mm Hex
	3i Osseotite XP 4/5, 5/6		
	Zimmer Tapered Screw-Vent 3.5, 4.5, 5.7		
	Zimmer Screw-Vent 3.3, 3.7, 4.5		
	Zimmer SwissPlus 4.8		

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