



Helm Dental Laboratory

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Implant Torque Recommendations for Custom Milled Abutments

These implant torque values are recommendations only and are provided for your reference. They are subject to change without notice in order to adhere to manufacturer's recommendations. No guarantee is implied or given for this information. Torques provided are for custom milled abutments. **Stock abutments, temporary abutments, healing abutments, multi-unit abutments or any other type of abutment may have different torque recommendations.** Check with the implant manufacturer for additional information.

Manufacturer	Implants	Torque (Ncm)	Screwdriver Type
Ace Surgical	Octagon BL 3.3, 3.75, 4.1, 4.8	35	Octagon
	Octagon TL 3.3, 4.1, 4.8	35	Octagon
	Infinity Internal Hex 3.7, 4.1, 4.7, 5.1	30	0.050" (1.25mm) Hex
BioHorizons	Internal / Tapered Internal 3.5, 4.5, 5.7	30	0.050" (1.25mm) Hex
	External 3.5, 4.0, 5.0	30	0.050" (1.25mm) Hex
BlueSky Bio	One Stage (Straumann Tissue Level compatible)	30	Star & 0.048" Hex
	TriLobe (Nobel Replace compatible)	30	Unigrip & 0.048" Hex
	Internal Hex (Zimmer compatible)	30	0.050" (1.25mm) Hex
	Conus 12 (Astra Tech Osseospeed compatible)	30	0.050" (1.25mm) Hex
	Max (Nobel Active compatible)	30	0.048" Hex
	Quattro (Straumann Bone Level compatible)	30	0.048" Hex
Dentsply Sirona	Ankylos C/X 3.5, 4.5, 5.5, 7.0 (indexed or non-indexed)	15	1.0 mm Hex
	Osseospeed EV 3.0 Green, 3.6 Purple, 4.2 Yellow, 4.8 Blue, 5.4 Brown	25	0.050" (1.25mm) Hex
	Osseospeed Profile EV 4.2 Yellow, 4.8 Blue	25	0.050" (1.25mm) Hex
	Osseospeed / Osseospeed TX 3.0 Yellow	15	0.050" (1.25mm) Hex
	Osseospeed / Osseospeed TX 3.5, 4.0 Aqua	20	0.050" (1.25mm) Hex
	Osseospeed / Osseospeed TX 4.5, 5.0 Lilac	25	0.050" (1.25mm) Hex
	Osseospeed 4.0 Blue (Previous)	25	0.050" (1.25mm) Hex
	Osseospeed TX Profile 4.5, 5.0	25	0.050" (1.25mm) Hex
	Xive S 3.0, 3.4, 3.8, 4.5, 5.5	24	1.22 mm Hex
Glidewell	Hahn Tapered 3.0	15	0.050" (1.25mm) Hex
	Hahn Tapered 3.7,4.7, 5.2	35	0.050" (1.25mm) Hex
Hiossen	ET Mini 3.5	20	1.2 mm Hex
	ET Regular 4.0, 4.5, 5.0, 6.0, 7.0	30	1.2 mm Hex
Implant Direct	Legacy 3.0	20-25	0.050" (1.25mm) Hex
	Legacy 3.0, 3.5, 4.5, 5.7 (Zimmer TSV compatible)	30	0.050" (1.25mm) Hex
	Interactive 3.0, 4.3 (Nobel Active compatible)		Consult Implant Direct
	RePlant, ReActive 3.5, 4.3, 5.0, 6.0 (Nobel Replace compatible)	35	0.050" (1.25mm) Hex
	SwishPlus 3.7, 4.8, 6.5 (Straumann Tissue Level compatible)	35	1.25 mm Hex or SCS Driver

Manufacturer	Implants	Torque (Ncm)	Screwdriver Type
Keystone Dental	External Hex	30	Keystone Quad Driver
	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	30	Keystone Quad Driver
	TiLobe MAXX	35	Keystone Quad Driver
	Renova	30	0.048" Hex
	Restore	30	0.048" Hex
MegaGen	AnyRidge 3.0, 3.5	15	1.2mm Hex
	AnyRidge 3.5, 4.0, 4.5, 5.0, 5.5, 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	0.048" Hex
	ExFeel Internal 3.5	25	1.2 mm Hex
	ExFeel Internal 4.1, 4.8, 5.5	35	1.2 mm Hex
	ExFeel External 3.3	25	1.2 mm Hex
	ExFeel External 3.75, 1.0, 4.5, 5.0, 5.5	35	1.2 mm Hex
MIS	M4 NP 3.5, SP, 3.7, 4.2, WO 5.0, 6.0	30	0.050" (1.25mm) Hex
	SEVEN NP 3.3, SP 3.75, 4.2, WP5.0, 6.0	30	0.050" (1.25mm) Hex
Neodent	GM 3.5, 3.75, 4.0, 4.3, 5.0		<i>Consult Neodent</i>
	CM 3.5, 3.75, 4.0, 4.3, 5.0	15	0.9 mm Hex
Nobel Biocare	NobelActive 3.0	15	Nobel Biocare Unigrip
	NobelActive NP 3.5, RP 4.3, 5.0	35	Nobel Biocare Unigrip
	NobelActive WP 5.5	35	Nobel Biocare Unigrip
	Nobel Replace Conical Connection NP 3.5, RP 4.3, 5.0	35	Nobel Biocare Unigrip
	Branemark System NP 3.3, RP3.75, 4.0, WP 5.0, 5.5	35	Nobel Biocare Unigrip
	SteriOss 3.5, 4.3, 5.0, 6.0	35	Nobel Biocare Unigrip
Paltop <i>(owned by Keystone now)</i>	Internal Hex NP	25-30	0.050" (1.25mm) Hex
	Internal Hex SP,WP	30-35	0.050" (1.25mm) Hex
	Conical	25	0.050" (1.25mm) Hex
Southern Dental	TriNex 3.5, 4.3,	32	UniGrip (not Nobel)
	OCT 4.8, 6.5	32	SCS / Torx Driver
Straumann	BLX 3.75, 4.5, 5.5, 6.5	35	SCS Screwdriver
	Bone Level NC 3.3, RC 4.1, 4.8	35	SCS Screwdriver
	Standard / Standard Plus RN 4.8, WN 4.8	35	SCS Screwdriver
	Standard Plus NN 3.3	35	SCS Screwdriver
Thommen	SPI 3.5	15	Four lobe
	SPI 4.0, 4.5, 5.0, 6.0	25	Four lobe

Manufacturer	Implants	Torque (Ncm)	Screwdriver Type
Zimmer Biomet	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	20	0.048" Hex
	3i Certain XP 4/5, 5/6	20	0.048" Hex
	3i Miniplant 3.25	20	0.048" Hex
	3i Osseotite 3.75, 4.0, 5.0, 6.0	20	0.048" Hex
	3i Osseotite XP 4/5, 5/6	20	0.048" Hex
	Zimmer Tapered Screw-Vent 3.5, 4.5, 5.7	20	1.25 mm Hex
	Zimmer Screw-Vent 3.3, 3.7, 4.5	30	1.25 mm Hex
	Zimmer SwissPlus 4.8	30	1.25 mm Hex

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