

Synthes Screw Reference Chart

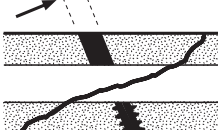









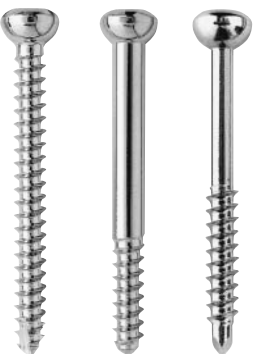



Screws, Drill Bits, Taps
and Guide Wires

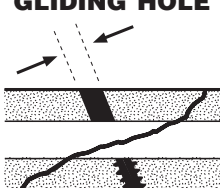





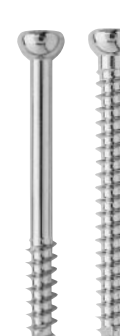
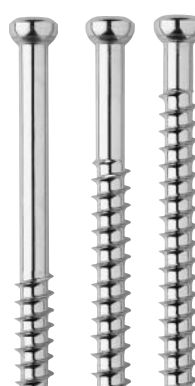




*Original Instruments and Implants of the Association
for the Study of Internal Fixation — AO ASIF*

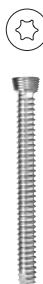









SYNTHES® Screws, Drill Bits and Taps (Self-tapping and Non-self-tapping Screws)

SCREW DIAMETER (mm)																			
Thread Diameter	1.0	1.3	1.5	2.0	2.4	2.7	3.5			4.0		4.5			6.5				
Screw Type	Cortex, self-tapping						Cortex Self-tapping and Non- self-tapping	Pelvic Cortex Self-tapping	Shaft Non- Self-tapping	Cortex Self-tapping	Cancellous Non-self-tapping		Cortex Self-tapping and Non- self-tapping	Shaft Non- Self-tapping	Malleolar Non- Self-tapping	Cancellous Non-self-tapping			
	---	---	and Non- self-tapping	and Non- self-tapping	---	and Non- self-tapping					Partial Thread	Full Thread				16 mm Thread	24 mm Thread	32 mm Thread	Full Thread
	DRILL BIT and TAP DIAMETER (mm)																		
Drill Bit for Gliding Hole	1.0	1.3	1.5	2.0	2.4	2.7	3.5			4.0	---	4.5			4.5 in hard bone				
<div>GLIDING HOLE</div>  <div>THREADED HOLE</div>																			
Drill Bit for Threaded Hole	0.76	1.0	1.1	1.5	1.8	2.0	2.5			2.9	2.5	3.2			3.2				
Tap (in hard bone and for non-tapping screws) [Item Number]	---	---	1.5 [311.15]	2.0 [311.19]	---	2.7 [311.26]	3.5 [311.32]			4.0 [311.400]	4.0 [311.34]	4.5 [311.46]			6.5 [311.66]				
Drive Type	1.0 mm Cruciform	1.3 mm Cruciform	1.5 mm/ 2.0 mm Cruciform	1.5 mm/ 2.0 mm Cruciform	2.4 mm Cruciform T8 StarDrive	2.5 mm Hex T8 StarDrive	2.5 mm Hex			2.5 mm Hex		3.5 mm Hex			3.5 mm Hex				

Cannulated Screws, Guide Wires, Drill Bits and Taps

SCREW DIAMETER (mm)																				
Thread Diameter	2.4		3.0		3.5		4.0		4.5		6.5			7.0			7.3			
Screw Type	Cancellous Self-drilling Self-tapping		Cancellous Self-drilling Self-tapping		Cortex		Cancellous Self-drilling Self-tapping		Cancellous Self-drilling Self-tapping		Cancellous Self-drilling Self-tapping			Cancellous			Cancellous Self-drilling Self-tapping			
	Short	Long	Short	Long	Partial	Full	Short	Long	Partial	Full	16 mm	32 mm	Full	16 mm	32 mm	Full	16 mm	32 mm	Full	
Thread Length																				
GUIDE WIRE, DRILL BIT and TAP DIAMETER (mm)																				
Guide Wire	0.8		1.1		1.25		1.25		1.6		2.8			2.0			2.8			
Drill Bit for Gliding Hole <i>(in hard bone)</i> [Item Number]	---		---		3.5		---		4.5		7.3 [310.495]			---			7.3 [310.495]			
<div><div>GLIDING HOLE</div><div>THREADED HOLE</div></div>																				
	Drill Bit for Threaded Hole	1.7		2.0		2.7		2.7		3.2		5.0			4.5			5.0		
Tap <i>(in hard bone)</i> [Item Number]	---		---		3.5 [311.39]		4.0 [311.63]		4.5 [311.59]		7.3 [311.689]			7.0 [311.69]			7.3 [311.689]			
Drive Type	T8 StarDrive		3.0 mm Cruciform		2.5 mm Hex		2.5 mm Hex		3.5 mm Hex		4.0 mm Hex			3.5 mm Hex			4.0 mm Hex			

Locking Screws, Guide Wires, Drill Bits and Taps

SCREW DIAMETER (mm)										
Thread Diameter	2.4	2.7	3.5	4.0	5.0			7.3		
Locking Screw Type	Locking Head	Locking Head	Locking Head	Locking Head	Locking Head		Conical Head	Locking Head	Conical Head	
	Solid Self-tapping	Solid Self-tapping	Solid Self-tapping	Solid Self-tapping	Solid Self-tapping	Cannulated Self-drilling, Self-tapping	Cannulated Self-drilling, Self-tapping	Cannulated Self-drilling, Self-tapping		
Thread Length	Full	Full	Full	Full	Full	Full	Partial	Full	Full	Partial
GUIDE WIRE, DRILL BIT and TAP DIAMETER (mm)										
Guide Wire and Threaded Wire Guide	---	---	---	---	---	2.5	2.5	2.5	2.5	2.5
Drill Bit and Threaded Drill Guide										
	1.8	2.0	2.8	3.2	4.3 (required)	4.3 (optional)	4.3 (optional)	5.0 (optional)		
	Tap (in hard bone) [Item Number]	---	---	---	---	---			7.3 [311.682]	
Drive Type	T8 StarDrive	T8 StarDrive	2.5 mm Hex T15 StarDrive	4.0 mm Hex T25 StarDrive	T25 StarDrive	4.0 mm Hex	4.0 mm Hex	4.0 mm Hex		