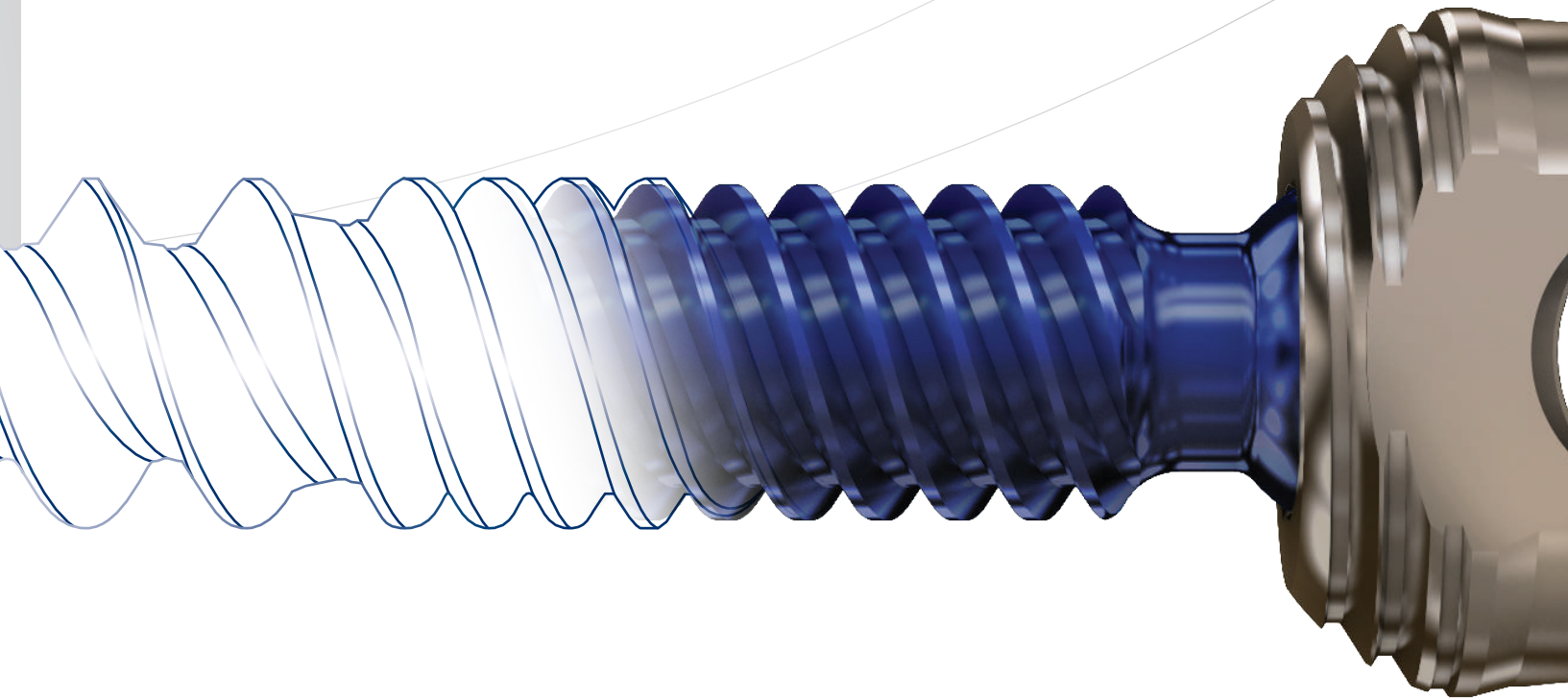


QUATTROTM

spinal system



Top to Tip Quad Lead

Minimizing operation time and strong enough
bone purchasing force with Top to Tip Quad Lead design
pedicle screw system

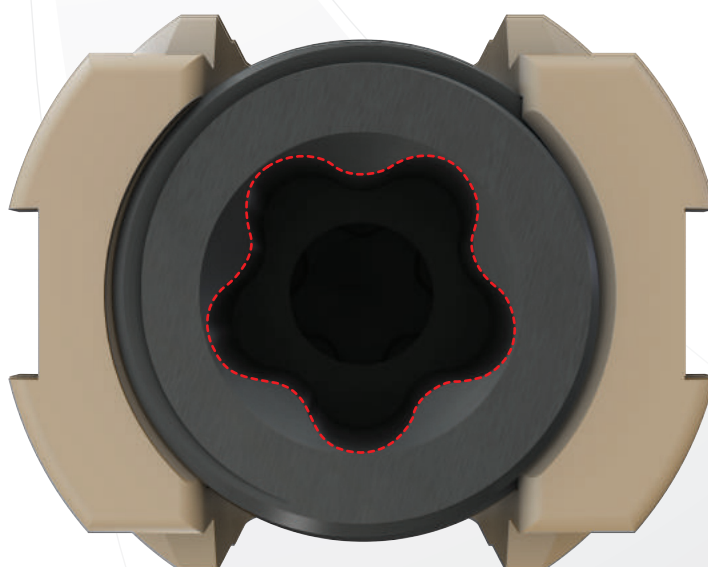
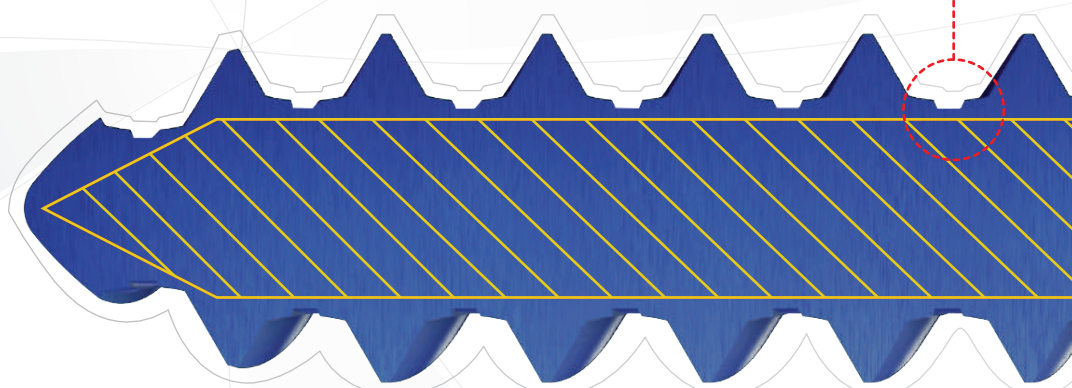
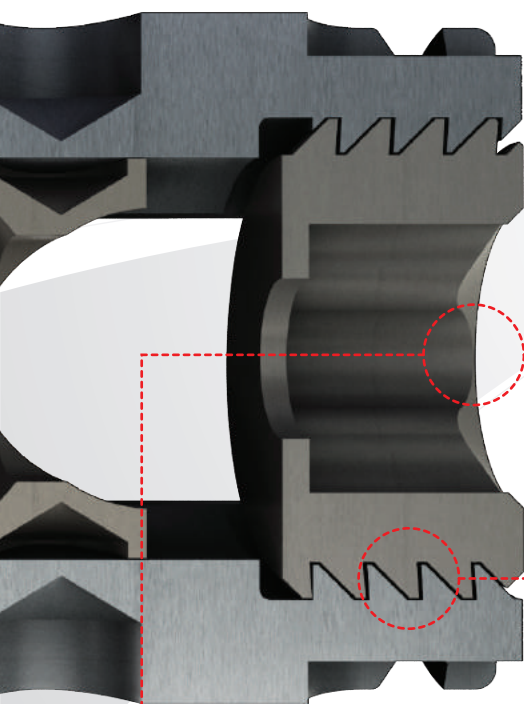


TTQ SCREW DESIGN

Top to Tip Quad Lead

Patented TTQ(Top to Tip Quad Lead) screw design minimizes operation time compare to standard(or dual lead) one and maximizes the bone purchasing force through providing optimal contact surface each part of the vertebrae.

Experience the power & speed of 4 leads fixation!

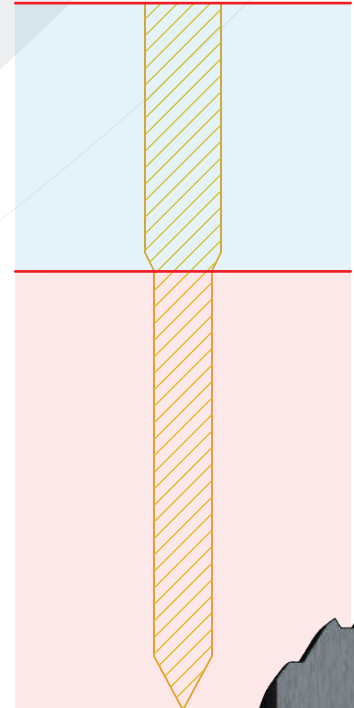
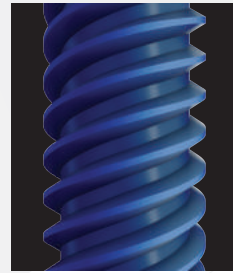


Torx head set screw

- ⊕ Secures engagement minimize slippage of a screwdriver on the screw head
- ⊕ Minimizes screw head/screw driver tip damage

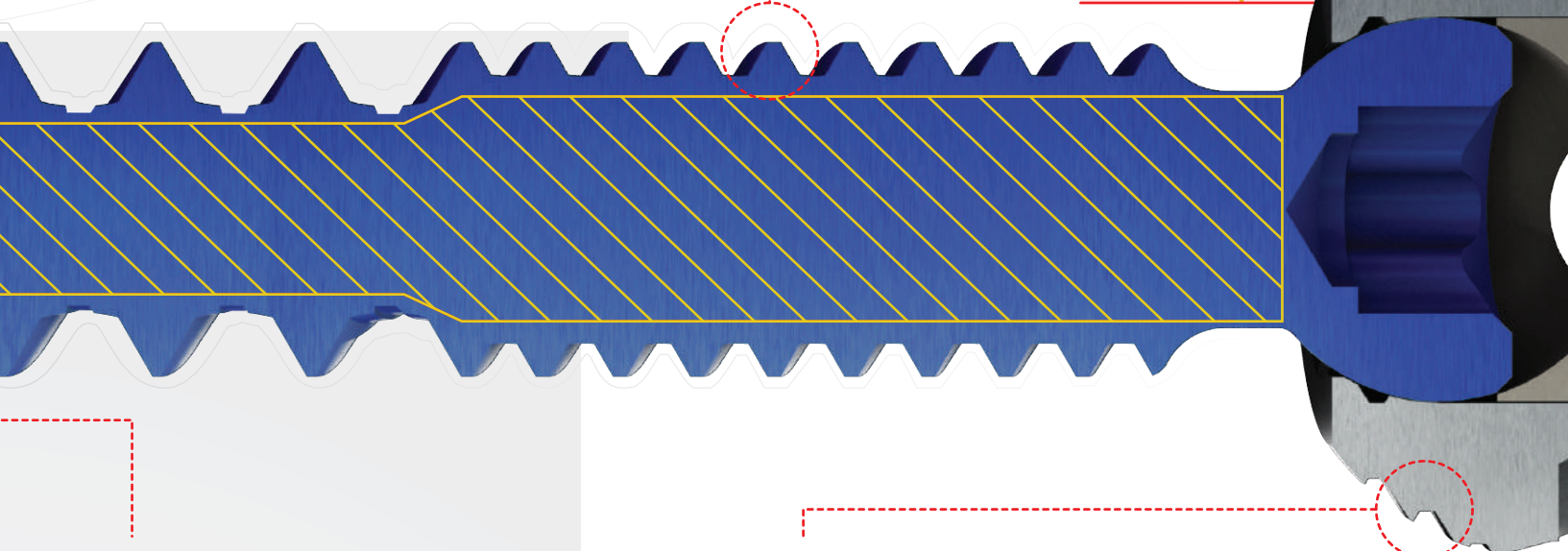
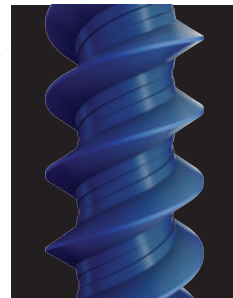
TTQ Cortical Zone

- ⊕ Enhances fixation to prevent the screw pull out by doubling the number of contact points with cortical bone
- ⊕ Prevents the screw neck breakage / toggle



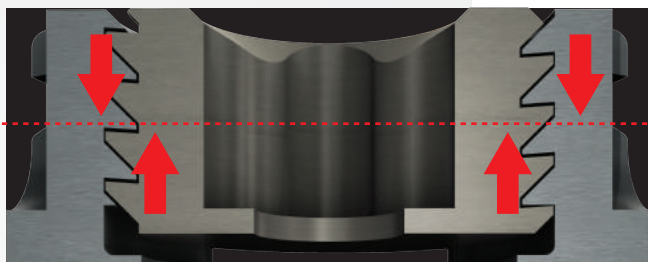
TTQ Cancellous Zone

- ⊕ Enables faster screw insertion into the pedicle
- ⊕ Provides stronger bone purchasing force by holding the larger cancellous bone fragment
- ⊕ Prevents the lucency around screw on x-rays



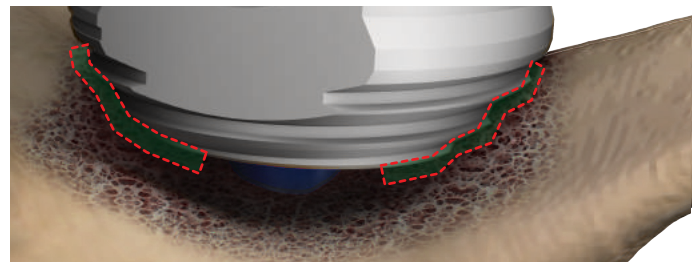
Buttress thread

- ⊕ Enhances security
- ⊕ Minimizes the screw head spreading

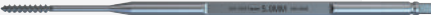
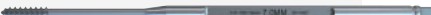


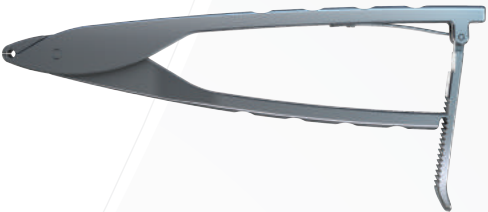
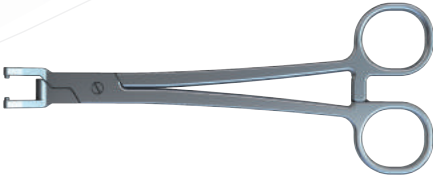
Threaded Bottom Anchor

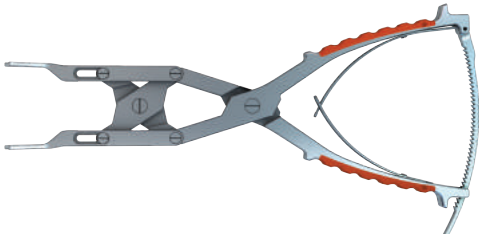
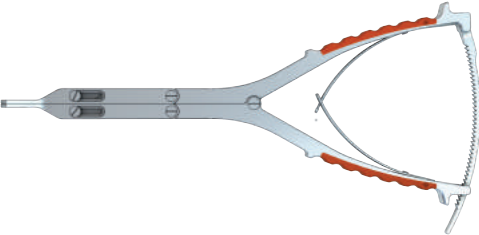
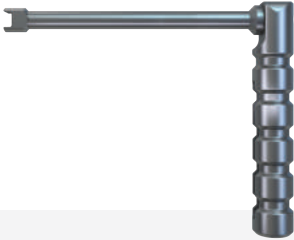
- ⊕ Enables screw head placement to fit in the posterior pedicle wall firmly



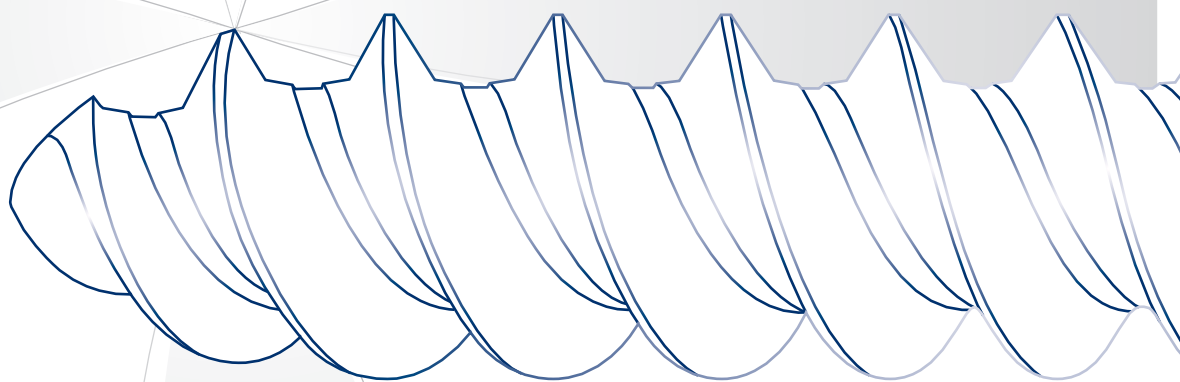
INSTRUMENTS

Catalog No.	A1A - 1010	
Description	Guide Pin, left	
	A1A - 1011	
	Guide Pin, right	
Catalog No.	A1A - 1050	
Description	Awl	
Catalog No.	A1A - 1013	
Description	Probe, straight	
	A1A - 1014	
	Probe, curved	
Catalog No.	A1A - 1015	
Description	Tester	
Catalog No.	A1A - 1016	
Description	Tapper 4.3mm	
	A1A - 1018	
	Tapper 5.0mm	
	A1A - 1020	
	Tapper 6.0mm	
	A1A - 1022	
	Tapper 7.0mm	
Catalog No.	A1A - 1055	
Description	Mono Screw Driver	
	A1A - 1052	
	Poly Screw Driver Shaft Long	
	A1A - 1053	
	Screw Driver Outer Sleeve Long	
Catalog No.	A1A - 1028	
Description	Long Arm Cutter	

Catalog No.	A1A - 1029	
Description	Rod Holder, Straight	
Catalog No.	A1A - 1031	
Description	Rod Gripper	
Catalog No.	A1A - 1032	
Description	Rod Bender	
Catalog No.	A1A - 1033	
Description	Rod Pusher	
Catalog No.	A1A - 1034	
Description	Long Locker	
Catalog No.	A1A - 1035	
Description	Reducer	
Catalog No.	A1A - 1036	
Description	Set Screw Driver Starter	
	A1A - 1049	
	Set Screw Driver Starter(Handle Type)	
Catalog No.	A1A - 1037	
Description	Set Screw Driver, short	
	A1A - 1038	
	Set Screw Driver, long	
Catalog No.	A1A - 1039	
Description	Anti - Torque Wrench	

Catalog No.	A1A - 1040		
Description	Compressor		
	A1A - 1041		
	Distractor		
Catalog No.	A1A - 1045		
Description	Cross-link Driver		
	A1A - 1046		
	Cross-link Wrench		
Catalog No.	A1A - 1042		
Description	I-Handle, Ratchet		
	A1A - 1043		
	Parm Handle, Ratchet		
	A1A - 1047		
	T-Handle, Ratchet		
Catalog No.	A1A - 1048		
Description	I-Handle, Simple		
Catalog No.	A1A - 1054	 	
Description	Torque Limited Handle 5Nm		
	A1A - 1044		
	Torque Limited Handle 12Nm		

[above the standard]



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MZSC - H002 - 001(Rev.001)