

EXCELLENCE IN IMMEDIACY

STRAUMANN **BLX™** **IMPLANT SYSTEM**

Technical information at a glance

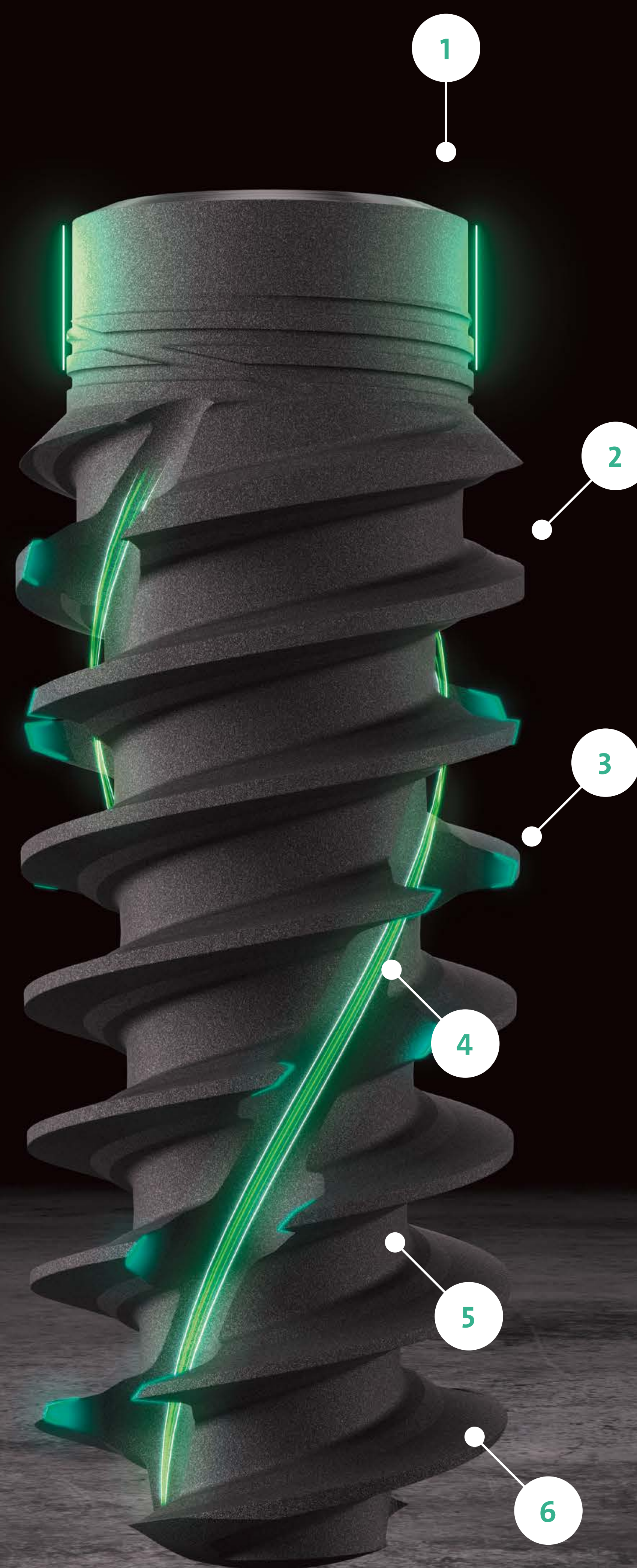


DYNAMIC BONE MANAGEMENT

The intelligent implant concept developed for optimal primary stability and immediate protocols in all bone types.

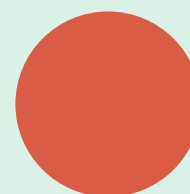
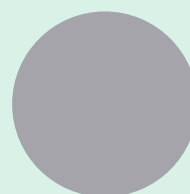
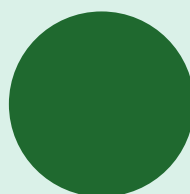
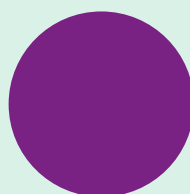
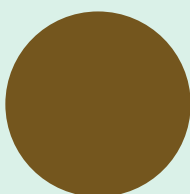
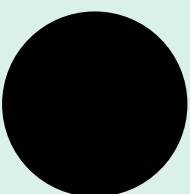
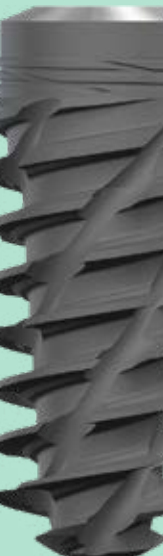


Dynamic Bone Management around the implant



- 1 **REDUCED NECK DIAMETER**
Designed to reduce stress on crestal bone and to facilitate slightly subcrestal implant placement
- 2 **VARIABLE THREAD DESIGN**
Thin and progressive thread design for high primary stability and efficient insertion
- 3 **BI-DIRECTIONAL CUTTING ELEMENTS**
Designed for reverse and forward cutting control and flexibility during implant insertion
- 4 **FULL LENGTH DYNAMIC CHIP FLUTE**
Collects and condenses native bone chips and distributes them around the implant body
- 5 **SLIM AND FULLY TAPERED IMPLANT CORE**
Allows for small and undersized osteotomy
- 6 **DEEP APICAL THREADS**
Large anchoring surface for immediate engaging and stability

STRAUMANN BLX™ IMPLANT PORTFOLIO

		Straumann BLX™ Implants						
		Ø 3.5 mm	Ø 3.75 mm	Ø 4.0 mm	Ø 4.5 mm	Ø 5.0 mm	Ø 5.5 mm	Ø 6.5 mm
Color code								
Prosthetic Base		RB (Regular Base)				WB (Wide Base)		
Connection		TorcFit™						
Picture								
SLActive®								
Available lengths	6 mm	—	061.4306	061.5306	061.6306	061.7306	061.8306	061.9306
	8 mm	061.3308	061.4308	061.5308	061.6308	061.7308	061.8308	061.9308
	10 mm	061.3310	061.4310	061.5310	061.6310	061.7310	061.8310	061.9310
	12 mm	061.3312	061.4312	061.5312	061.6312	061.7312	061.8312	061.9312
	14 mm	061.3314	061.4314	061.5314	061.6314	061.7314	061.8314	061.9314
	16 mm	061.3316	061.4316	061.5316	061.6316	061.7316	061.8316	061.9316
	18 mm	061.3318	061.4318	061.5318	061.6318	061.7318	—	
SLA®								
Available lengths	6 mm	—	061.4506	061.5506	061.6506	061.7506	061.8506	061.9506
	8 mm	061.3508	061.4508	061.5508	061.6508	061.7508	061.8508	061.9508
	10 mm	061.3510	061.4510	061.5510	061.6510	061.7510	061.8510	061.9510
	12 mm	061.3512	061.4512	061.5512	061.6512	061.7512	061.8512	061.9512
	14 mm	061.3514	061.4514	061.5514	061.6514	061.7514	061.8514	061.9514
	16 mm	061.3516	061.4516	061.5516	061.6516	061.7516	061.8518	061.9516
	18 mm	061.3518	061.4518	061.5518	061.6518	061.7518	—	

Note: Particular care should be taken when placing small-diameter implants (...) in the molar region or other highload situations due to the risk of implant overload

TorcFit™ CONNECTION

The intelligent implant concept developed for optimal primary stability and immediate protocols in all bone types.

1 MULTI-FUNCTIONAL OUTER SHOULDER

- High divergence compensation for direct-to-implant bridges
- Wide emergence profiles (optional)
- Precise impression taking

2 7° MORSE TAPER

- Tight conical sealing
- Slim profile
- High stability in all diameters

3 TORX SHAPE

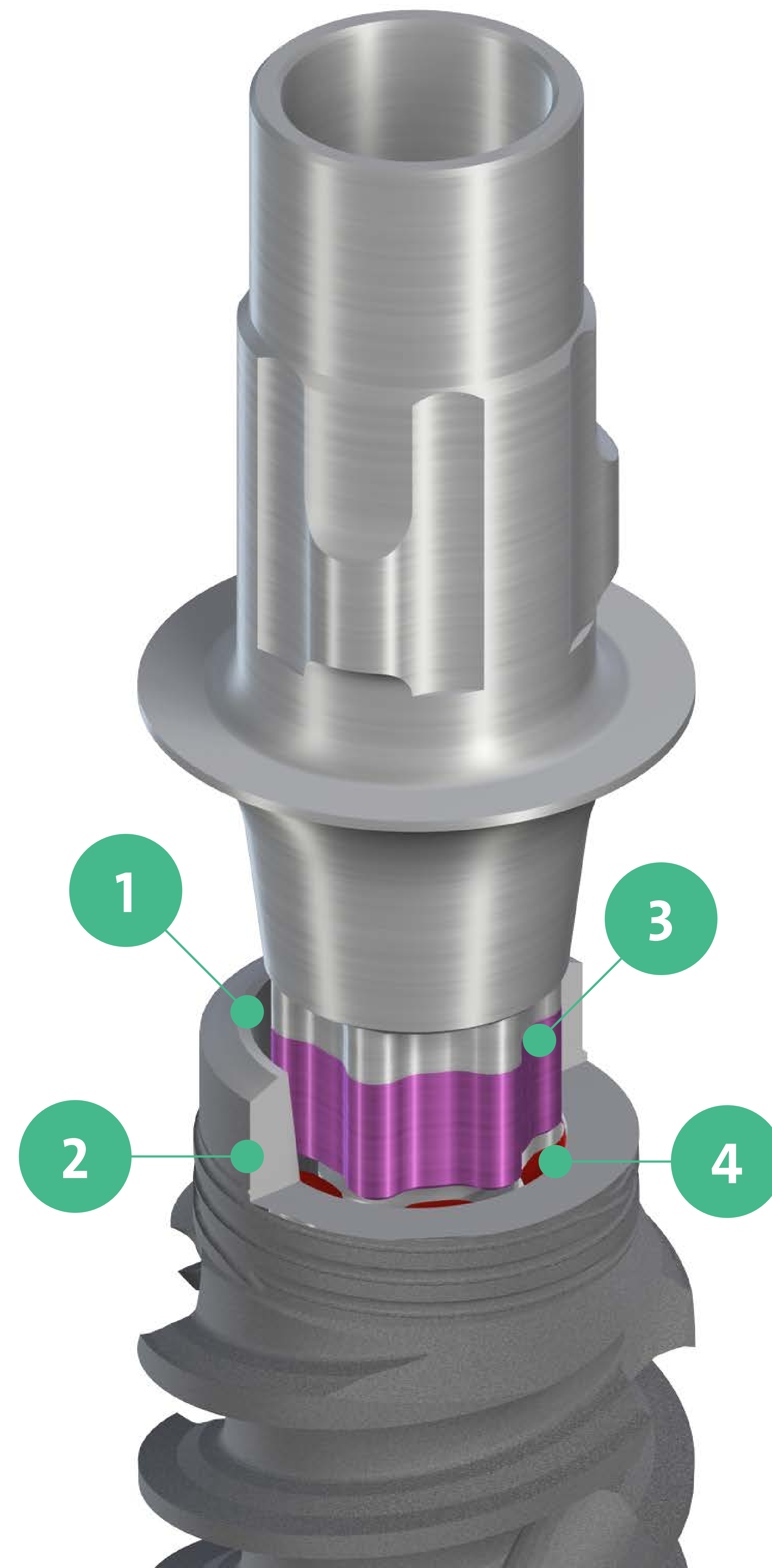
- 6 positions
- Tight/direct torque transmission
- Full depth engagement for high stability

4 TACTILE FEEDBACK ON CORRECT SEATING

- Allows for small and undersized osteotomy

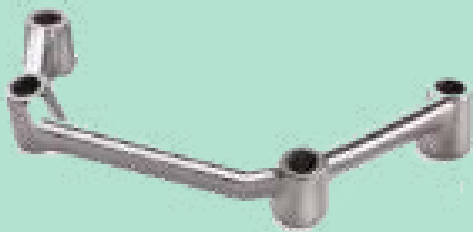
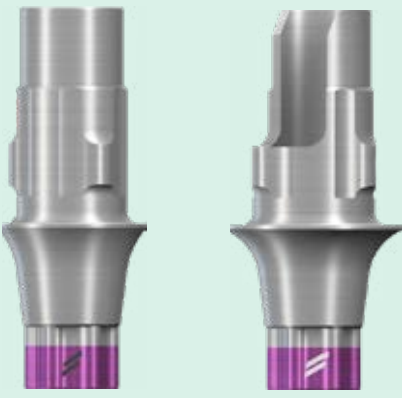
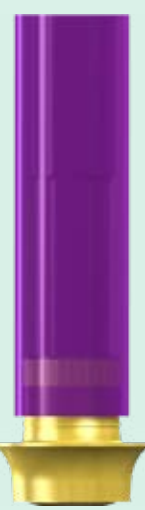
5 SHORT & STRONG CONNECTION (5 MM)

- Allows short implants from 6 mm



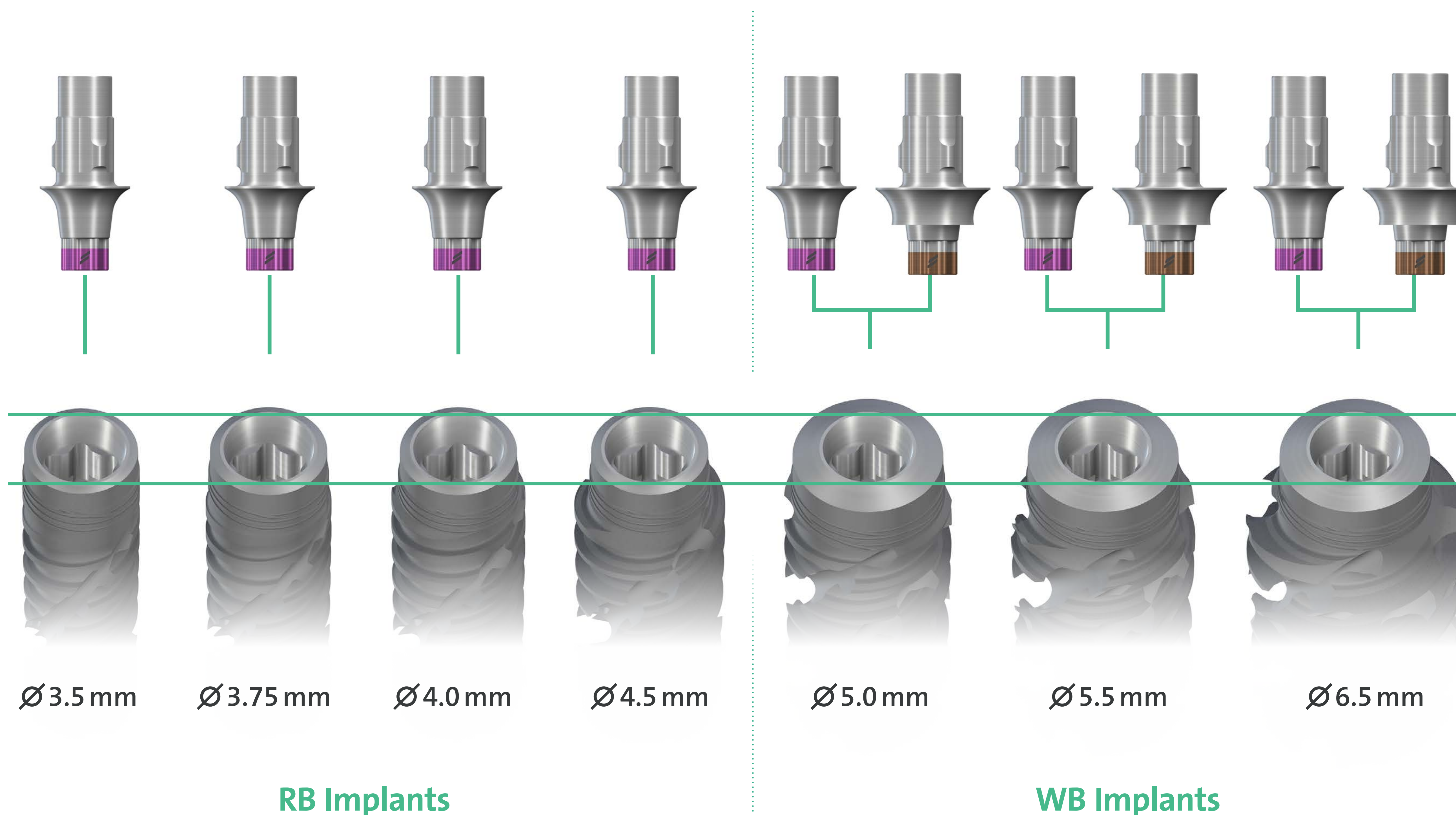
STRAUMANN BLX™ PROSTHETIC PORTFOLIO

Simple portfolio without compromising on versatility

PROSTHETIC PHASE	SINGLE-UNIT REPLACEMENT					EDENTULOUS			
	MULTI-UNIT REPLACEMENT					Removable		Fixed	
	Removable	Fixed		Screw-retained Bridge		CARES® Milled Bar		CARES® Milled Bar	
Digital									
	Custom Abutments	Pre-milled Abutments Blanks	Variobase®	Variobase® for Bridge/Bar	Screw-retained Bridge	CARES® Milled Bar	CARES® Milled Bar	CARES Advanced Fixed Bar	CARES® Screw-retained Bridge
Stock									
	Anatomic Abutments	Gold abutment for Crown	Variobase®	Variobase® for Bridge/Bar	Gold Abutment for bridge	LOCATOR®	Novaloc® Abutment	Screw-retained Abutment	

ONE CONNECTION FOR SIMPLIFIED WORKFLOWS

Fewer components, reduced surgical and restorative complexity thanks to one for all implant diameters



📖 Straumann iXCEL™ Surgical Procedure

📖 Straumann iXCEL™ Prosthetic Procedure

CONSISTENT EMERGENCE PROFILES™

Matching components for straightforward soft tissue conditioning

3.2.2 Consistent Emergence Profiles, overview of matching components

Ø 4.0	RB/WB Healing Abutment	Ø 3.8	Temporary Abutment	Ø 3.8	Final Abutment
Long 4 mm Short 2 mm	 ◀ 064.4203S ◀ 064.4202S GH 1.5				
Long 4 mm Short 2 mm	 ◀ 064.4205S ◀ 064.4204S GH 2.5				
Long 4 mm Short 2 mm	 ◀ 064.4207S ◀ 064.4206S GH 3.5				

Ø 5.0	RB/WB Healing Abutment	Ø 4.5	Temporary Abutment	Ø 4.5	Final Abutment
Long 4 mm Short 2 mm	 ◀ 064.4213S ◀ 064.4212S GH 1.5				
Long 4 mm Short 2 mm	 ◀ 064.4215S ◀ 064.4214S GH 2.5				
Long 4 mm Short 2 mm	 ◀ 064.4217S ◀ 064.4216S GH 3.5				

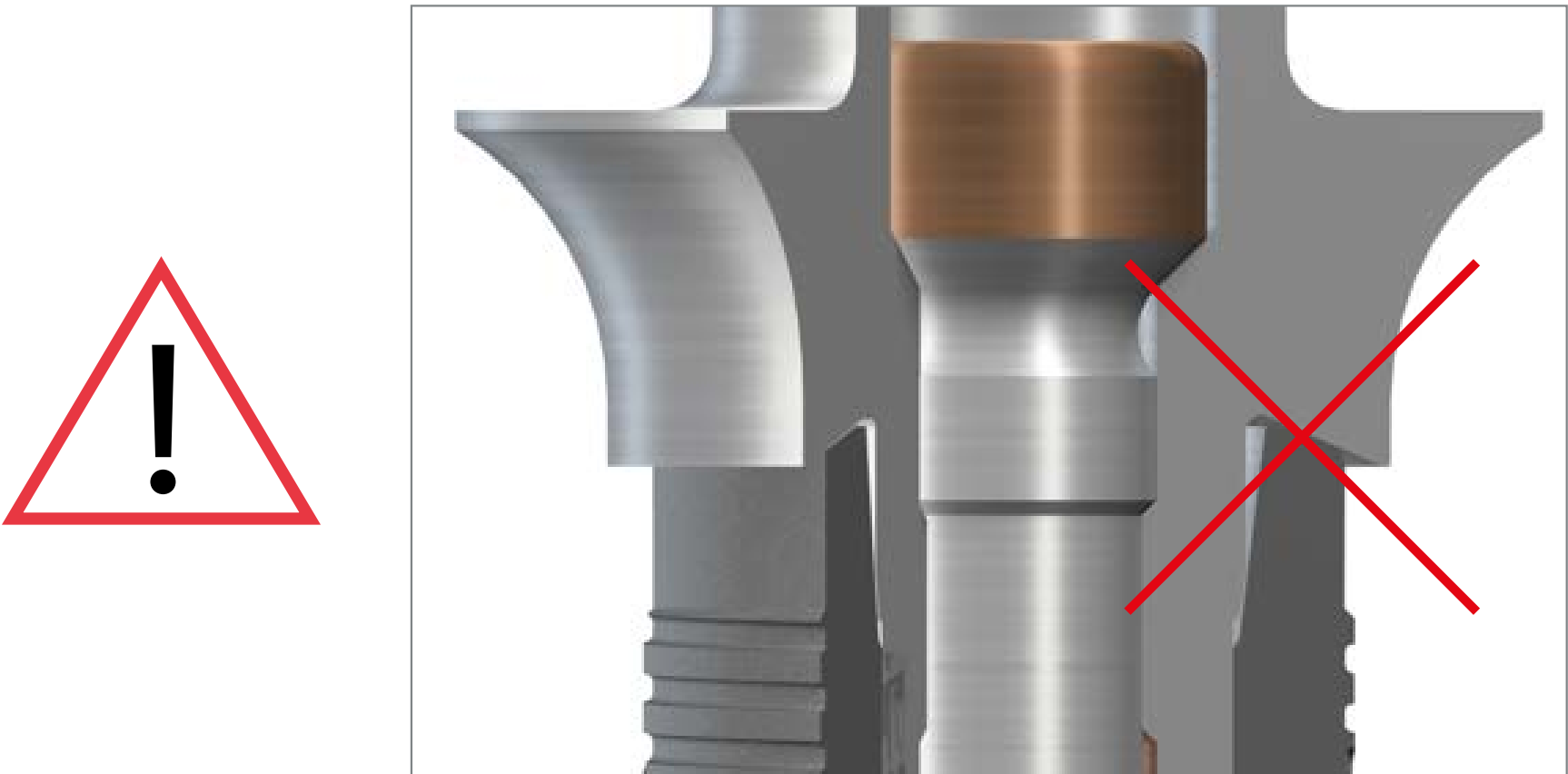
Non-Engaging (Bar/Bridge)

Ø 5.0	RB/WB Healing Abutment	Ø 4.5	Temporary Abutment	Ø 4.5	Final Abutment
Long 4 mm Short 2 mm	B/B  ◀ 064.4233S ◀ 064.4232S GH 1.5				

Always communicate the implant diameter and the selected healing abutment to the restoring dentist or dental lab.

Ø 6.5	WB Healing Abutment	Ø 5.5	Temporary Abutment	Ø 5.5	Final Abutment
Long 4 mm					
Short 2 mm					
	◀ 064.8202S				
	◀ 064.8201S				
	GH 0.75				
Long 4 mm					
Short 2 mm					
	◀ 064.8213S				
	◀ 064.8212S				
	GH 1.5				

Place WB Abutments only on wide diameter (WB) Implants. WB
 Healing Abutmentst exceed the should of RB Implants.



STRAUMANN® MODULAR CASSETTE

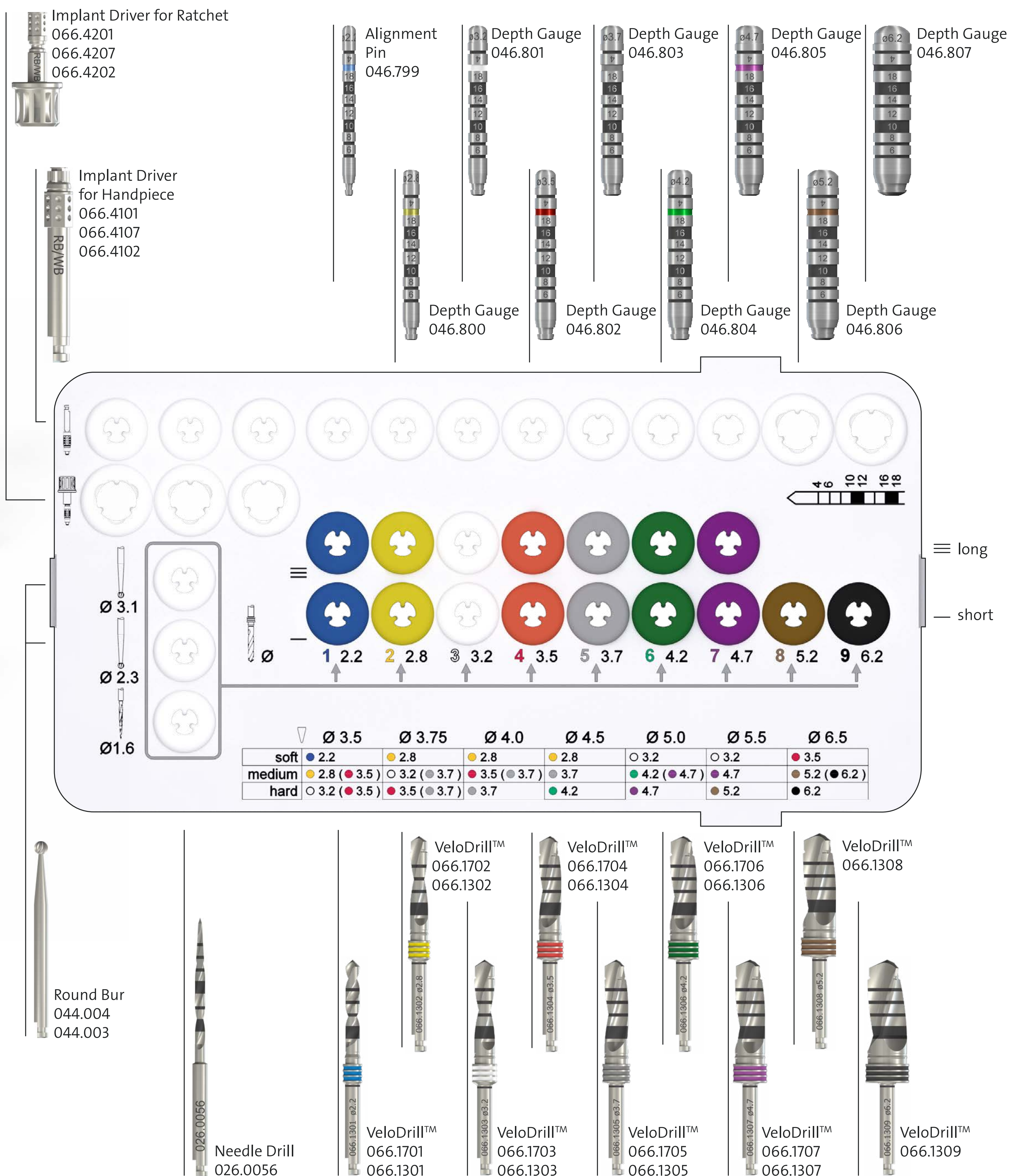
A compact and customizable instrument cassette for all Straumann® Implant lines



 Website Straumann® Modular Casette

 Selection Guide

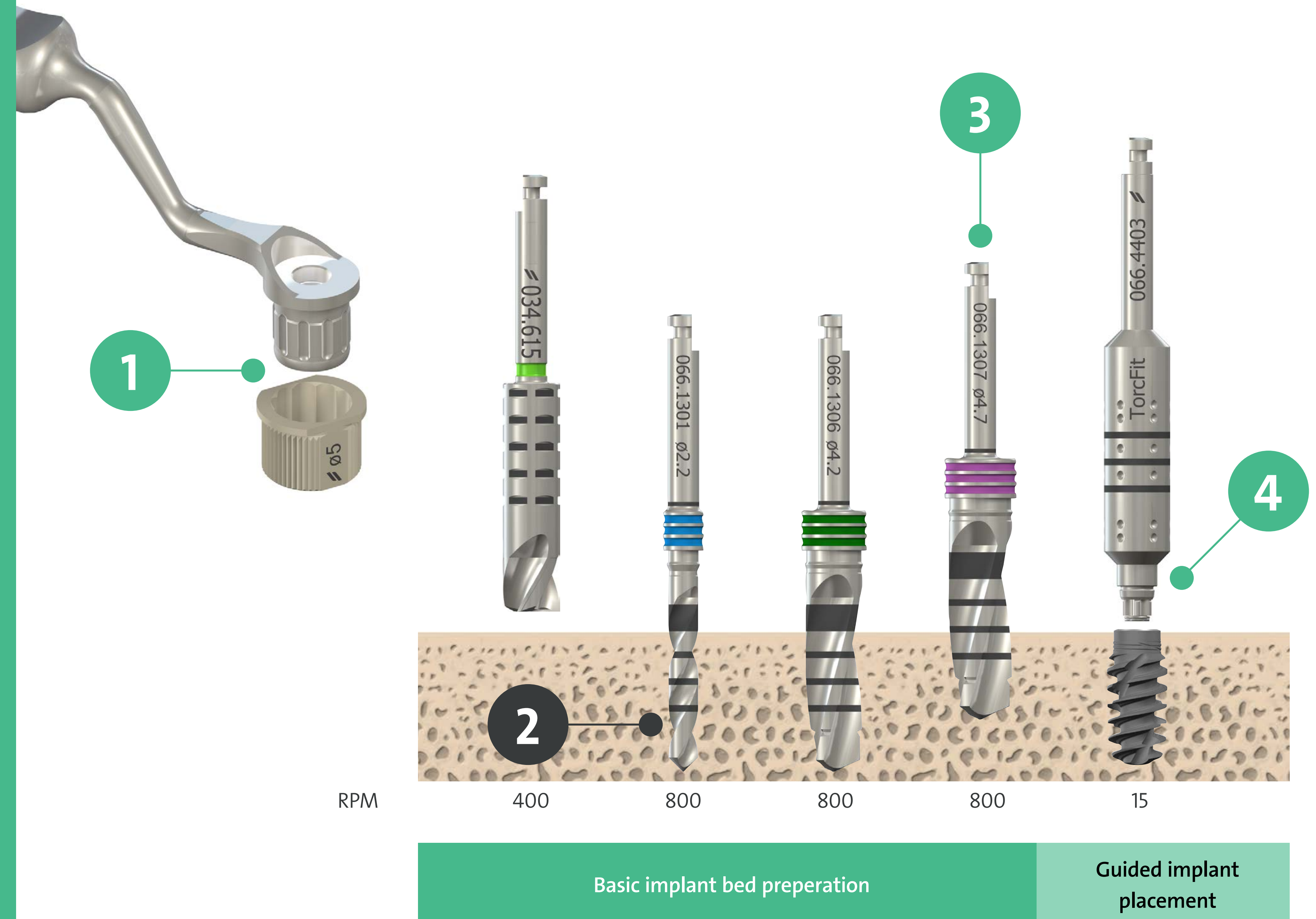
Basic Information



GUIDED SURGERY COMPONENTS

The Straumann® VeloDrill™ System can be used for free-hand and guided surgery and minimize the heat generation during drilling

- 1 Abutment heights 2 mm and 4 mm
- 2 VeloDrill™ protocol: pilot to final drilldiameter at 800 rpm drill speed
- 3 For Straumann BLX™ and TLX implants, the coronal segment of medium and hard bone should be widened before implant placement if indicated by the protocol
- 4 Guided implant driver



[Website Straumann® VeloDrill™ System](#)

[Basic Information](#)

BLX GUIDED SURGERY PROTOCOL

Recommended drill sequence

Pilot drilling Check implant axis		Decide on- bonedensity	Finalize implant bed according to bone density							
Pilot Drill	Alignment Pin Ø 3.5 mm		Drill Ø 2.8 mm	Drill Ø 3.2 mm	Drill Ø 3.5 mm	Drill Ø 3.7 mm	Drill Ø 4.2 mm	Drill Ø 4.7 mm	Drill Ø 5.2 mm	Drill Ø 6.2 mm
800 rpm										
Implant Ø 3.5 mm										
		Soft								
		Meium								
Implant Ø 3.75 mm		Hard		○	●					
		Soft			●					
		Meium	●	○		●				
Implant Ø 4.0 mm		Hard			●	●				
		Soft	●							
		Meium	●		●	●				
Implant Ø 4.5 mm		Hard	●	○						
		Soft	●							
		Meium	●	○		●				
Implant Ø 5.0 mm		Hard		○			●			
		Soft		○						
		Meium		○			●	●		
Implant Ø 5.5 mm		Hard		○			●	●		
		Soft		○						
		Meium		○			●	●		
Implant Ø 6.5 mm		Hard		○	●		●		●	
		Soft		○						
		Meium		○			●		●	●
		Hard		○			●		●	●

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