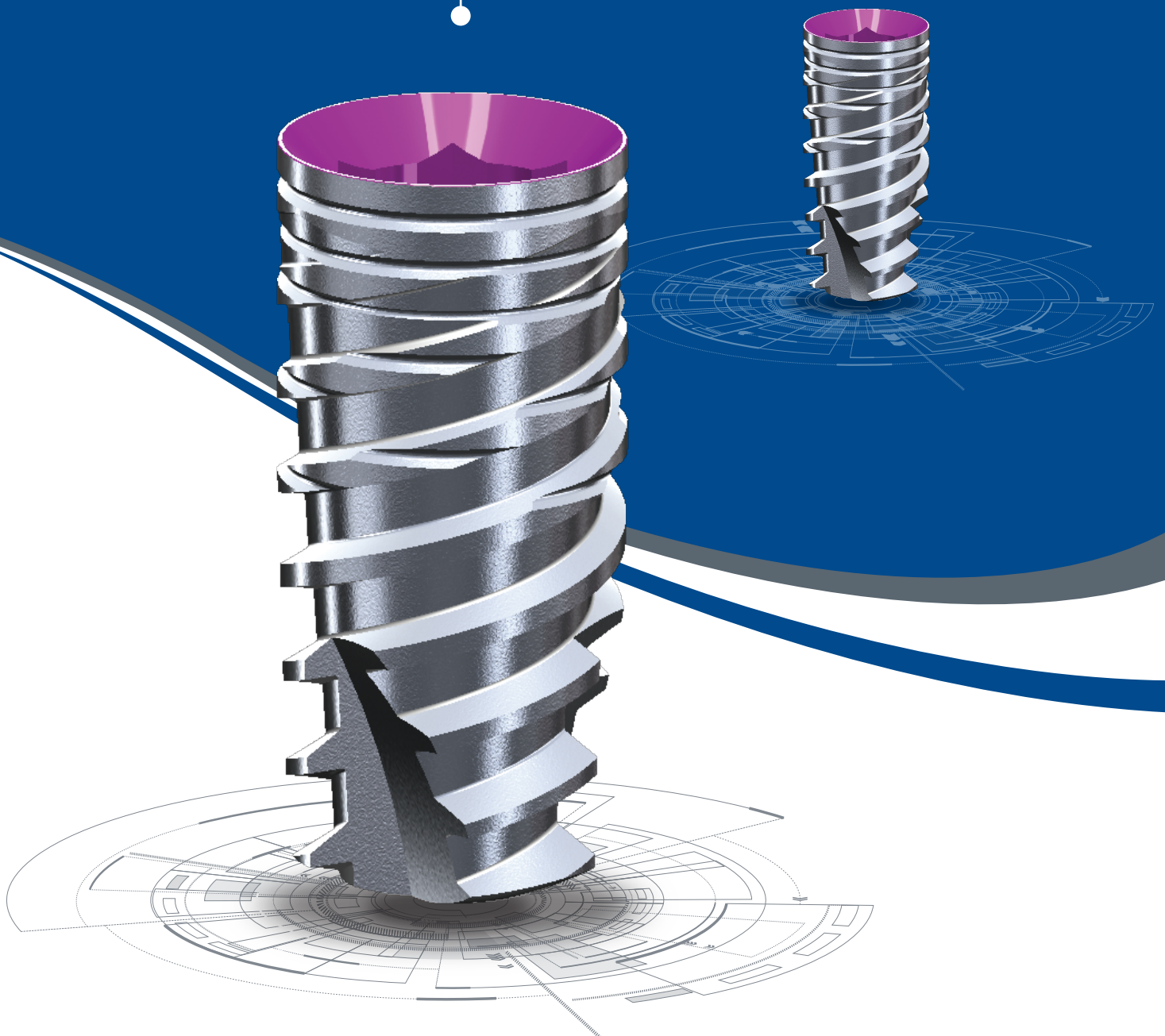


QRS Implants System Products Catalog





Who We Are

Driven by a passion for quality, **Iman Khorshid** - CEO of QRS MEDICAL Ltd., has been in the medical industry for years and been involved in the development of the quality of industrial processes in general and dental industry in particular.

In 2018, QRS MEDICAL Ltd. was founded with the main emphasis on quality, reliability and excellent services in the dental industry.

Using advanced manufacturing processes and Unique surface treatment technology - **AMC**, QRS MEDICAL Ltd. offers a comprehensive range of dental implants, superstructures, tools and kits, regenerative solutions, and high-quality digital dentistry services.

Quality Reliability and Service

QRS MEDICAL vision is to be the ultimate choice for dentists worldwide by providing the best Quality, Reliability and Service.

QRS MEDICAL developed and is producing advanced products and solutions, aimed to improve their quality and reliability, while providing excellent customer service.

QRS MEDICAL offers dental implants, superstructures, tools and kits of high quality, regenerative solutions and digital dentistry services.

Our Mission

To provide successful user experience and customer satisfaction.

Our Values

Believing in smiles for all, using advanced quality products supported by excellent services.

We stand by dentists and clinicians globally to provide patients with best quality of dental products for long lasting smile.

QRS Implants surface – AMC

QRS MEDICAL dental Implants are made of Titanium - Medical grade, a highly biocompatible material.

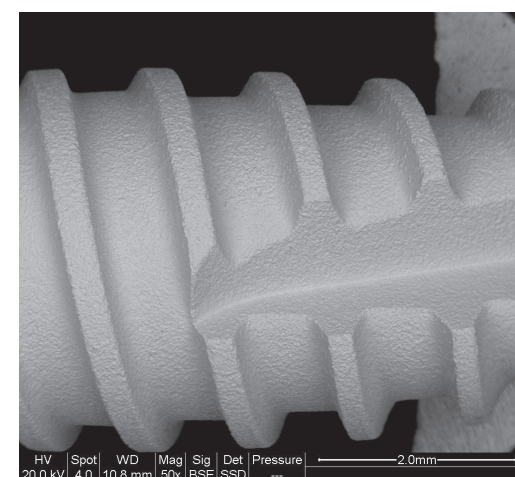
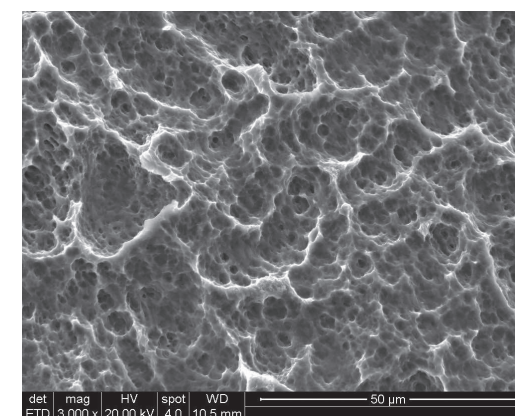
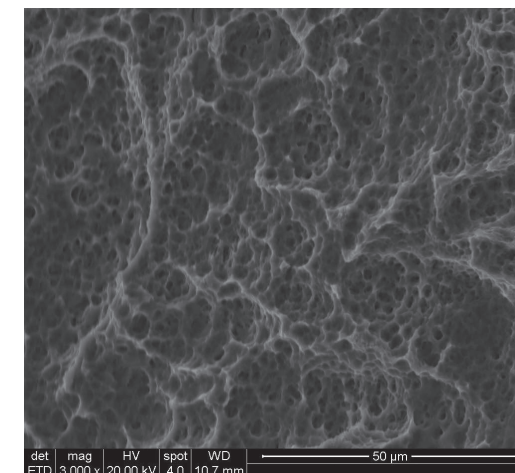
Years of intense research and follow up of dental implant's surface morphology and cleanliness led QRS MEDICAL to develop a new technique - **AMC**, to improve surface morphology and cleanliness of implants for successful osseointegration.

AMC - QRS MEDICAL surface cleanliness of a dental implant determines the initial phase of biological response to the inserted implant and greatly influence the initial contact with the jaw bone and enables a more intense absorption of blood and plasma proteins directly into the implant's microstructure immediately after its placement.

The implants are characterized by SEM microscope and XPS analysis as a routine quality inspection procedure.

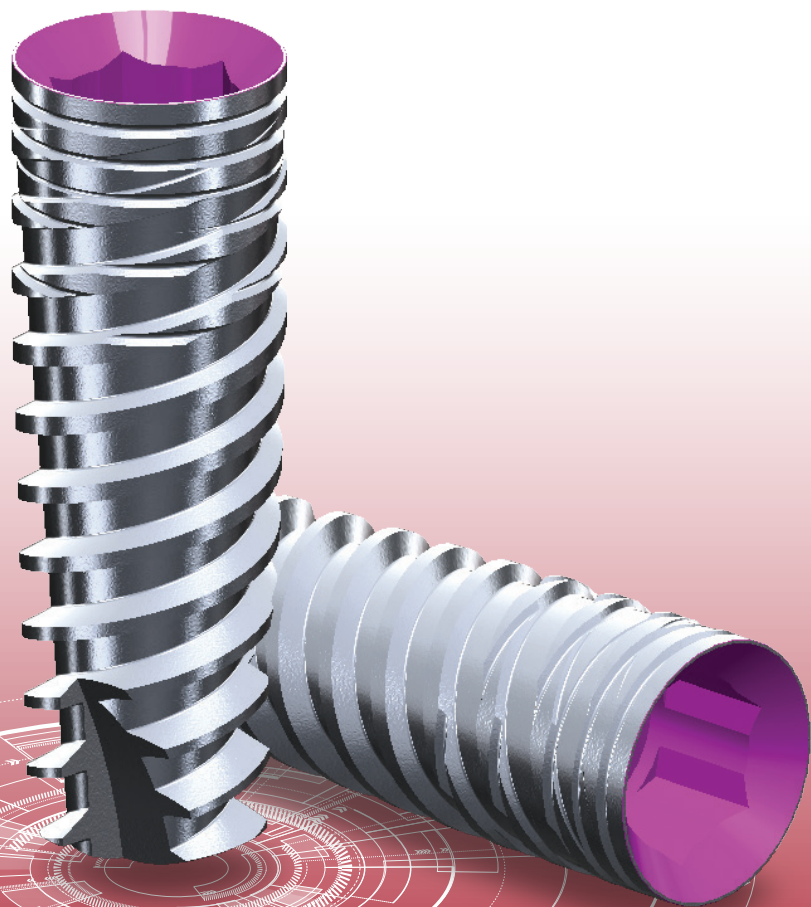
The AMC process creates an excellent surface area which contributes to:

- Primary stability
- Early osseointegration
- High long-term bone to implant contact
- High excellence rate



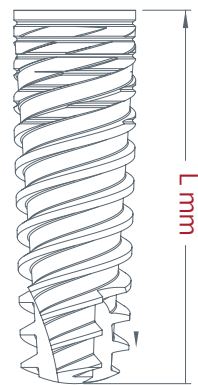
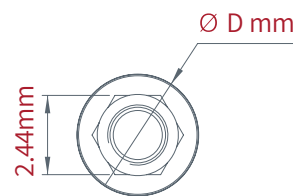
RED CLASS IMPLANTS

A conical shape implant with standard hexagonal connection, designed to assure better primary stability and fast osseointegration in the most intricate cases.



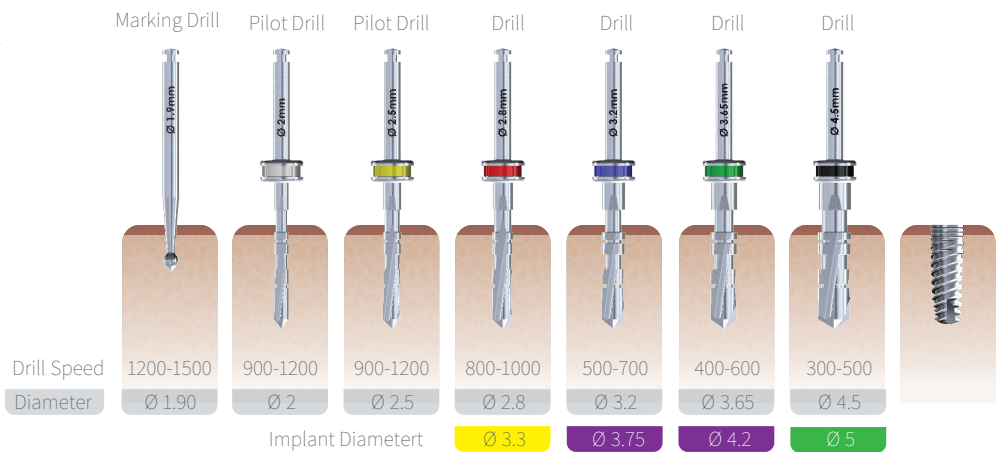
- Made of biocompatible Titanium Alloy Ti 6AL 4V ELI with internal hexagon for anti-rotation purposes.
- Surface - The surface cleanliness, roughness and microgeometry of commercially Ti6Al4V ELI are achieved by using **AMC** technique developed by QRS MEDICAL to obtain more bone-to-implant surface contact, compared to machined surfaces.
- Micro rings - 7 micro rings on the implant's top increase the envelop surface, and overall bone - implant contact, thus improving the implant's primary stability and the inter facial shear strength, especially in the crestal zone.
- Threads - A progressive three spiral thread allows bone compression and initial stability in the bone. The main purpose is to transfer the load from the crestal to the cancellous bone. The triple macro thread offers fast installation, while the deep profile reverse buttress provides high bone grip and stability.
- Added value - Self-tapping allows for excellent cutting capability and is able to increase stability during insertion, as the implant carves, fills, and compresses the bone. Implant geometry based on platform switching allows for a biologic space.
- Recommended for wide range of bone types.

QRH-DL



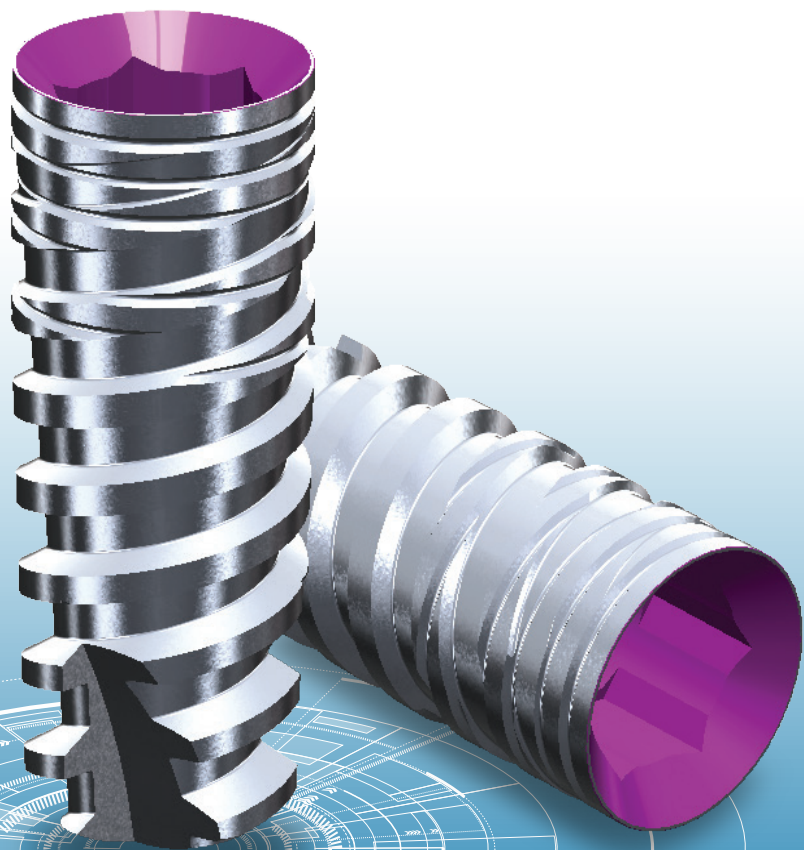
3.3mm	8mm
3.75mm	10mm
4.2mm	11.5mm
5mm	13mm
6mm	16mm

- Tapered Screw type Implant
- Internal Hex
- Titanium Alloy Ti 6Al4V ELI
- Sand Blasted, Acid-Etched
- Thread compresses bone
- APEX Drills* and Bone Collection



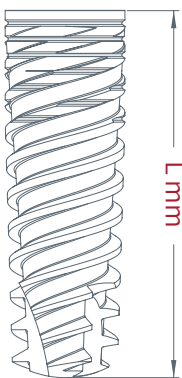
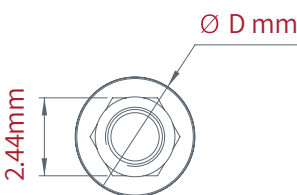
BLUE CLASS IMPLANTS

A conical shape implant with standard hexagonal connection, designed to assure better primary stability and fast osseointegration in the most intricate cases.



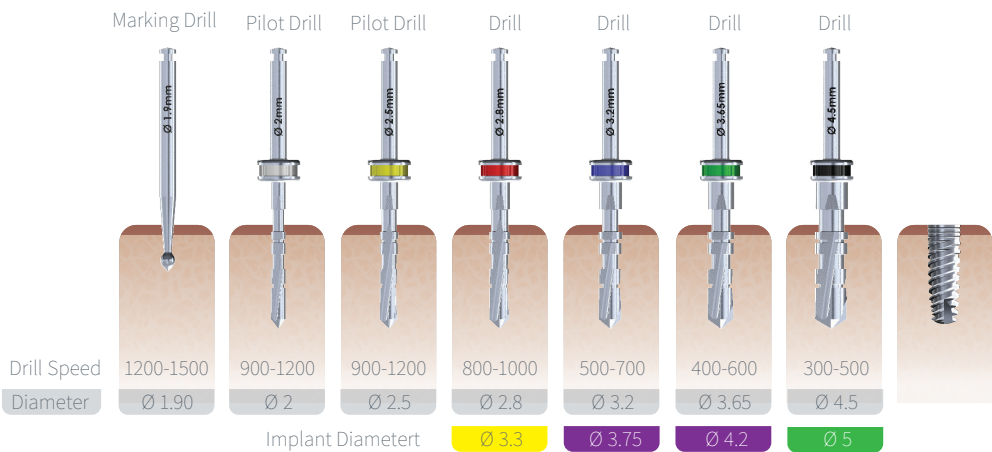
- Made of biocompatible Titanium Alloy Ti 6AL 4V ELI with internal hexagon for anti-rotation purposes.
- Surface - The surface cleanliness, roughness and microgeometry of commercially Ti6Al4V ELI are achieved by using **AMC** technique developed by QRS MEDICAL to obtain more bone-to-implant surface contact, compared to machined surfaces.
- Micro rings - 7 micro rings on the implant's top increase the envelop surface, and overall bone - implant contact, thus improving the implant's primary stability and the inter facial shear strength, especially in the crestal zone.
- Threads - A progressive dual spiral thread allows bone compression and initial stability in the bone. The main purpose is to transfer the load from the crestal to the cancellous bone. The dual macro thread offers fast installation, while the deep profile reverse buttress provides high bone grip and stability.
- Added value - Self-tapping allows for excellent cutting capability and is able to increase stability during insertion, as the implant carves, fills, and compresses the bone. Implant geometry based on platform switching allows for a biologic space.
- Recommended for wide range of bone types.

QBH-DL



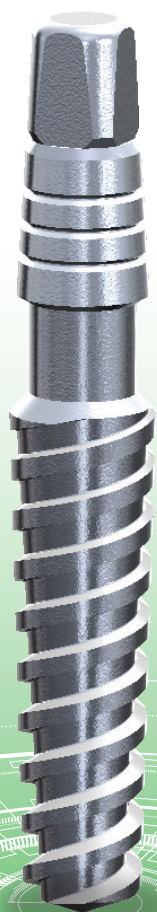
3.3mm	8mm
3.75mm	10mm
4.2mm	11.5mm
5mm	13mm
6mm	16mm

- Tapered Screw type Implant
- Internal Hex
- Titanium Alloy Ti 6Al4V ELI
- Sand Blasted, Acid-Etched
- Thread compresses bone
- APEX Drills* and Bone Collection



ONE-PIECE IMPLANTS

Is self-tapping, designed for one-step surgical procedure with an integrated abutment. The one piece is specifically designed for narrow ridges, and narrow spaces, for placement with small bone width and tight spaces.

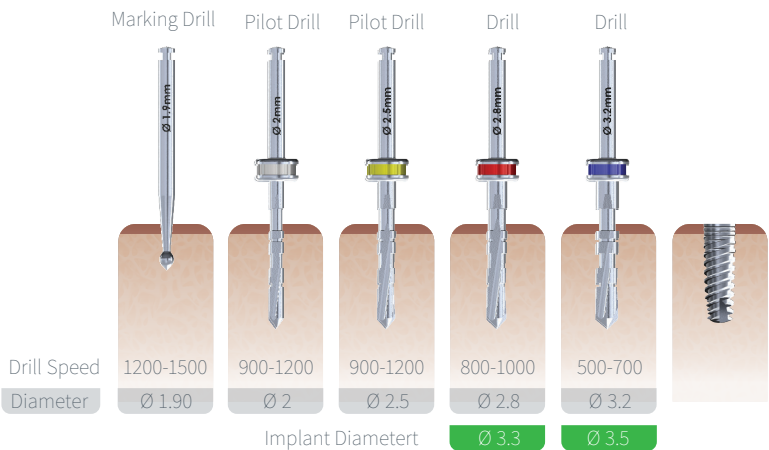


- Made of biocompatible Titanium Alloy Ti 6AL 4V ELI
- Surface - The surface cleanliness, roughness and microgeometry of commercially Ti6Al4V ELI are achieved by using **AMC** technique developed by QRS MEDICAL medical to obtain more bone-to-implant surface contact, compared to machined surfaces.
- Suitable for all types of bones and for immediate loading.
- QRS MEDICAL designed the one piece implants with dual micro thread
- Due to their innovative geometries and advanced surface morphology of QRS MEDICAL one piece implants, these unique implants offer high initial stability.

QOP-DL

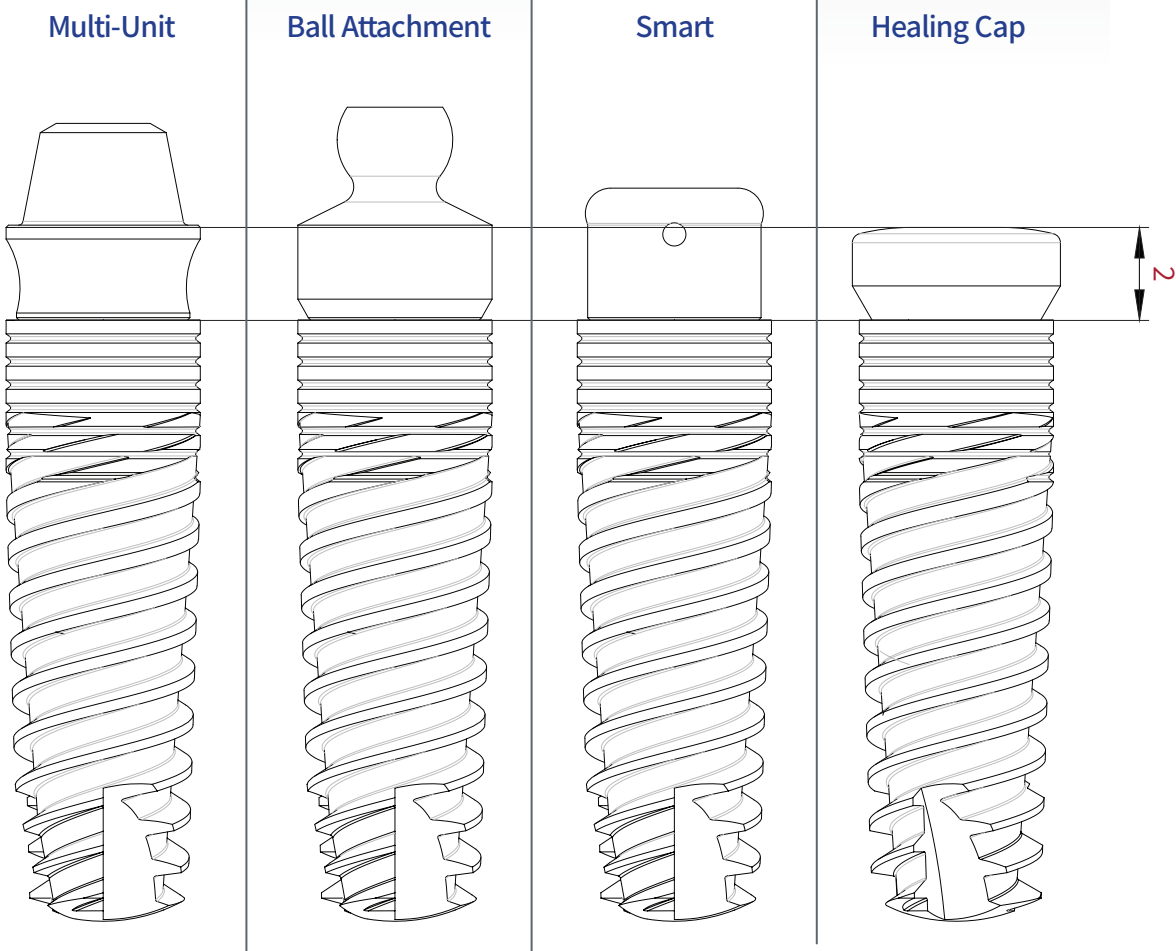


- Tapered Screw type Implant
- Internal Hex
- Titanium Alloy Ti 6Al4V ELI
- Sand Blasted, Acid-Etched
- Thread compresses bone
- APEX Drills* and Bone Collection



Prosthetics

QRS MEDICAL offers a wide variety of Superstructures that provide many options, with an emphasis on simplicity and convenience in restoration work.



Prosthetics

Screw retained restoration

The screw-retained restoration procedure allows for simple and easy retrieval, and upholding of abutments during routine checkups, with minimal risk of damage to the existing restoration. These advantages have made the choice of screw-retained restorations especially attractive to dentists and patients alike, facilitating patient comfort and saving chair-time for the dentist.

Healing Cap

	Cat no.	Dia	TL
Healing Cap Standard Platform	QHH-4502	4.5mm	2mm
	QHH-4503	4.5mm	3mm
	QHH-4504	4.5mm	4mm
	QHH-4505	4.5mm	5mm
	QHH-4506	4.5mm	6mm
	QHH-4507	4.5mm	7mm
Healing Cap Wide Platform	QHH-5503	5.5mm	3mm
	QHH-5504	5.5mm	4mm
	QHH-5505	5.5mm	5mm
	QHH-5506	5.5mm	6mm



Ball Attachment

	Cat no.	Dia	TL
Ball attachment Int. Hex.	QBH-3702	3.75mm	2mm
	QBH-3703	3.75mm	3mm
	QBH-3704	3.75mm	4mm
	QBH-4202	4.2mm	2mm
	QBH-4203	4.2mm	3mm
	QBH-4204	4.2mm	4mm
	QBH-5002	5.5mm	2mm
	QBH-5003	5.5mm	3mm
	QBH-5004	5.5mm	4mm



Smart Straight Attachment

	Cat no.	Dia	BL
Smart Straight Attachment SP	QPH-LS01	3.8mm	1mm
	QPH-LS02	3.8mm	2mm
	QPH-LS03	3.8mm	3mm
	QPH-LS04	3.8mm	4mm
Smart Straight Attachment WP	QPH-LW01	5.0mm	1mm
	QPH-LW02	5.0mm	2mm
	QPH-LW03	5.0mm	3mm
	QPH-LW04	5.0mm	4mm



Multi-Unit abutment Straight

	Cat no.	Dia	TL
Multi-Unit abutment Straight SP	QMH-40002	4mm	2mm
	QMH-40003	4mm	3mm
	QMH-40004	4mm	4mm
	QMH-40005	4mm	5mm
Multi-Unit abutment Straight WP	QMH-50002	5mm	2mm
	QMH-50003	5mm	3mm
	QMH-50004	5mm	4mm
	QMH-50005	5mm	5mm



Impression coping

The QRS MEDICAL abutments allows for a complete restoration procedure: Closed tray impression taking, provisional restoration, and final restoration; without compromising or disturbing the implant-abutment interface. The abutment once installed in the implant, is not removed again and is used in the final restoration. This is recommended in cases of single or multiple implants which do not require angulation correction.

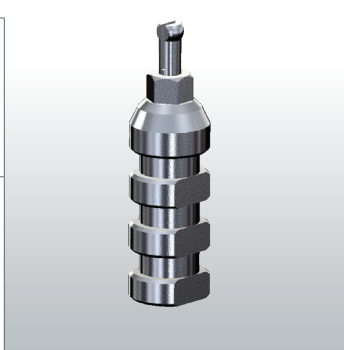
Open Tray Indirect Transfer

	Cat no.	Dia	BL
Open Tray SP Indirect Transfer	QPA-SOT09	4.5mm	9mm
	QPA-SOT11	4.5mm	11mm
	QPA-SOT13	4.5mm	13mm
Open Tray WP Indirect Transfer	QPA-WOT09	5.5mm	9mm
	QPA-WOT11	5.5mm	11mm
	QPA-WOT13	5.5mm	13mm



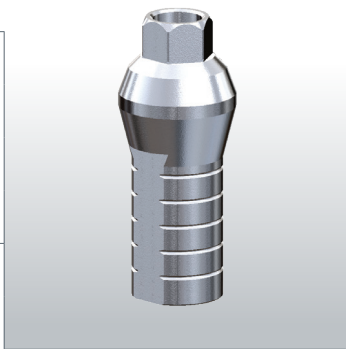
Close Tray Indirect Transfer

	Cat no.	Dia	BL
Close Tray SP Indirect Transfer	QPA-SCT09	4.5mm	9mm
	QPA-SCT11	4.5mm	11mm
	QPA-SCT13	4.5mm	13mm
Close Tray WP Indirect Transfer	QPA-WCT09	5.5mm	9mm
	QPA-WCT11	5.5mm	11mm
	QPA-WCT13	5.5mm	13mm



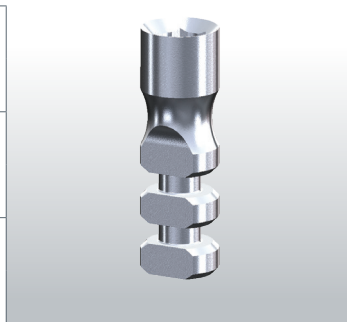
Straight Abutment

	Cat no.	Dia	BL
Straight Abutment SP Int. Hex.	QPH-SS09	4.5mm	9mm
	QPH-SS11	4.5mm	11.5mm
	QPH-SS13	4.5mm	13mm
Straight Abutment WP Int. Hex.	QPH-WS09	5.5mm	9mm
	QPH-WS11	5.5mm	11.5mm



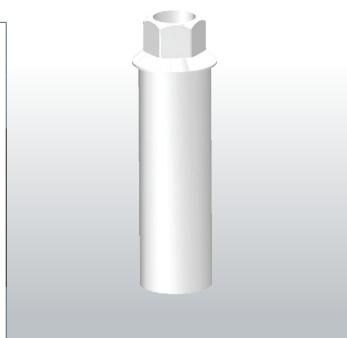
Implant Analog

	Cat no.	Dia	BL
Implant Analog wide	QAH-W500	5mm	
Implant Analog Standard	QAH-S375	3.75mm	
Implant Analog Narrow	QAH-N330	3.4mm	



Peek abutment

	Cat no.	Dia	L
PEEK Abutment	QPH-PA01	3.75mm	9mm

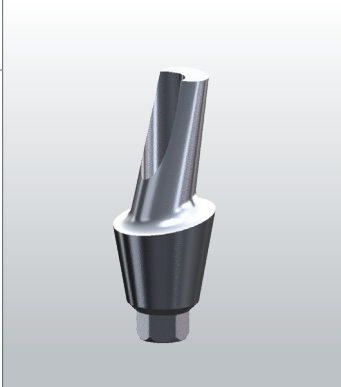


Cemented option

QRS MEDICAL offers a series of abutments that feature a chamfer line which enables precise alignment and seating of the crown, while maintaining esthetics in terms of buccal-lingual crown position. Additionally, there are options for angulation correction, which enable compensation for anatomical deviations in the anterior, or in cases of mechanical issues which may arise as a result of implants placed at an angle.

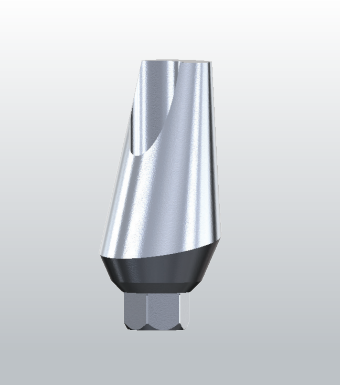
Anatomic Angulated Abutment

	Cat no.	TL	ANGL
Anatomic Angulated Abutment SP	QAH-S1502	2mm	15
	QAH-S1503	3mm	15
	QAH-S1504	4mm	15
	QAH-S2502	2mm	25
	QAH-S2503	3mm	25
	QAH-S2504	4mm	25
Anatomic Angulated Abutment WP	QAH-W1502	2mm	15
	QAH-W1503	3mm	15
	QAH-W1504	4mm	15
	QAH-W2502	2mm	25
	QAH-N2503	3mm	25
	QAH-N2504	4mm	25



Titanium Angulated Abutment

	Cat no.	BL	ANGL
Angulated Abutment SP 15/25° Int. Hex.	QTH-S1509	9mm	15
	QTH-S2509	9mm	25
	QTH-S1512	12mm	15
	QTH-S2512	12mm	25
Angulated Abutment WP 15/25° Int. Hex.	QTH-W1509	9mm	15
	QTH-W2509	9mm	25
	QTH-W1512	12mm	15
	QTH-W2512	12mm	25



Shoulder Abutment Int. Hex.

	Cat no.	Dia	TL
Shoulder Abutment WP Int. Hex.	QPA-WSH01	5.5mm	1mm
	QPA-WSH02	5.5mm	2mm
	QPA-WSH03	5.5mm	3mm
	QPA-WSH04	5.5mm	4mm
Shoulder Abutment SP Int. Hex.	QPA-SSH01	4.5mm	1mm
	QPA-SSH02	4.5mm	2mm
	QPA-SSH03	4.5mm	3mm
	QPA-SSH04	4.5mm	4mm

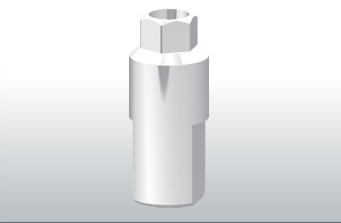


Prosthetics

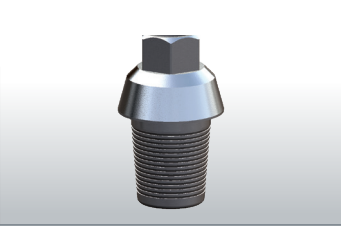
CAD\CAM

QRS MEDICAL offers titanium base abutments, compatible with most CAD/CAM systems’ software. These abutments meet the specific requirements of all QRS MEDICAL internal Hex. Implant system. Allowing for large variety of prosthetic options the titanium base abutments are available for all platform sizes, ensuring superior strength, reliability and esthetic implant supported restorations.

CAD/CAM

	Cat no.	Dia	L	
Scan Body SP	QPH-SOP07	4.5mm	7mm	
	QPH-SOP09	4.5mm	9mm	

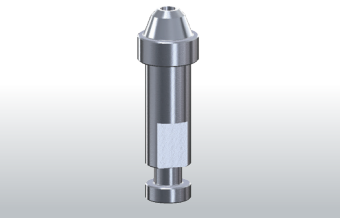
Anti Rotation

	Cat no.	Dia	TL	
TI-Base Anti Rotation	QPA-TBSA05	4.5mm	0.5mm	
	QPA-TBSA15	4.5mm	1.5mm	
	QPA-TBSA25	4.5mm	2.5mm	

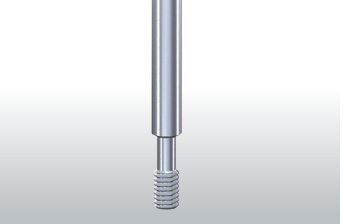
Free Rotation

	Cat no.	Dia	TL	
TI-Base Free Rotation	QPA-TBS005	4.5mm	0.5mm	
	QPA-TBS015	4.5mm	1.5mm	
	QPA-TBS025	4.5mm	2.5mm	

Multi-Unit Analog

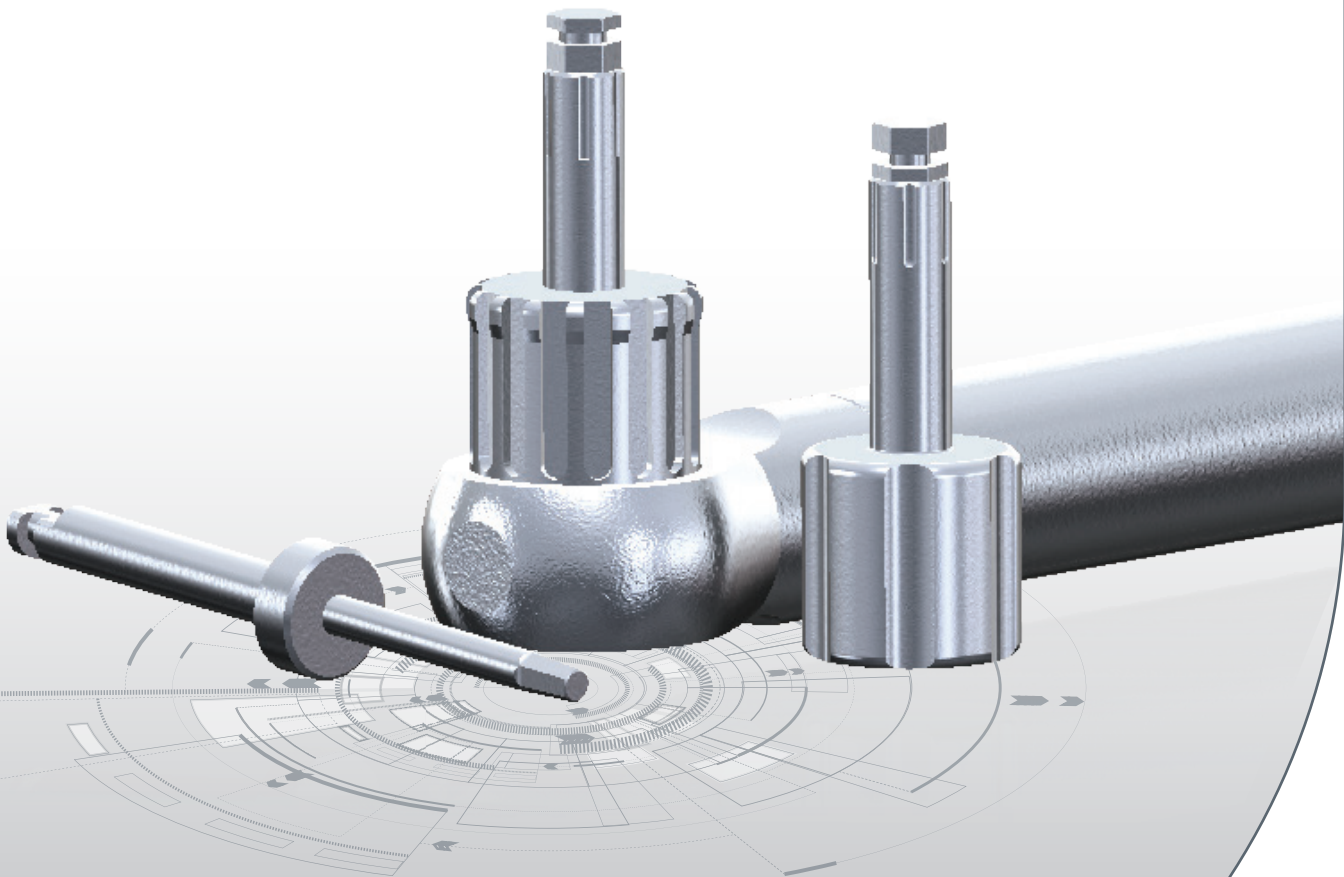
	Cat no.	Dia	L	
Multi-Unit Analog	QMH-DA01	4.5mm	16mm	

Direct prosthetic screw

	Cat no.	L	UNF	
Direct prosthetic screw UNF	QDS-DP220	7.6mm S/WP	1.72	
	QDS-DP221	14mm S/WP	1.72	

Surgical instruments

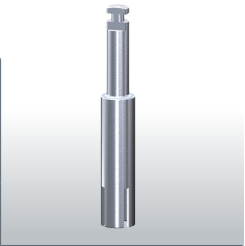
Reliable and easy-to-use, QRS MEDICAL surgical instruments are your ideal solution for restorative dental procedures. We offer a variety of precision-manufactured, high-performance surgical tools that are designed to enable you to meet your patients' expectations and restore even the most challenging of dental cases, safely and seamlessly.



One Piece instruments

Motor Adapter

	Cat no.	Platform	L	Use for
Short Motor Adapter for ONE Piece	QHK-SMO10		10mm	motor
	QHK-SMO20		20mm	motor



Tools

Ratchet

	Cat no.	Platform	L	Use for
Ratchet Adapter for Hex. Insert	QHK-SA01			Ratchet
Ratchet	QHK-RT20			Ratchet



Surgical instruments

Implants instruments

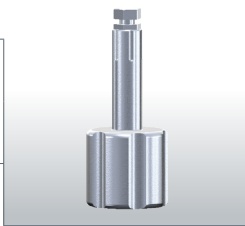
Motor Adapter

	Cat no.	Platform	L	Use for
Short Motor Adapter for SP Int. Hex.	QHK-SMA10	Standard	10mm	motor
Long Motor Adapter for SP Int. Hex.	QHK-SMA20	Standard	20mm	motor



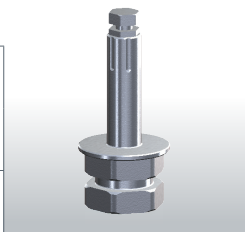
Hand key

	Cat no.	Platform	L	Use for
Short Hand key for SP Int. Hex.	QHK-SHK10	Standard	10mm	handle
Long Hand key for SP Int. Hex.	QHK-SHK20	Standard	20mm	handle



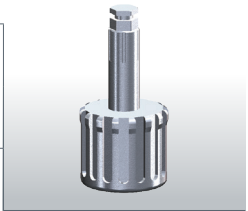
Ratchet Adapter

	Cat no.	Platform	L	Use for
Short Hand key for SP Int. Hex.	QHK-SRA10	Standard	10mm	Ratchet
Long Hand key for SP Int. Hex.	QHK-SRA20	Standard	20mm	Ratchet



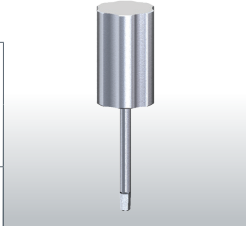
Slot Ratchet Adapter

	Cat no.	Platform	L	Use for
Short Slot Ratchet Adapter for SP Int.	QHK-SRA11	Standard	10mm	Ratchet
long Slot Ratchet Adapter for SP Int.	QHK-SRA21	Standard	20mm	Ratchet



Long Driver

	Cat no.	Platform	L	Use for
Long Driver for Hex.	QHK-LH128-P	Standard	15mm	handle
Long Motor Adapter for Hex.	QHK-LM128-P	Standard	15mm	motor





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