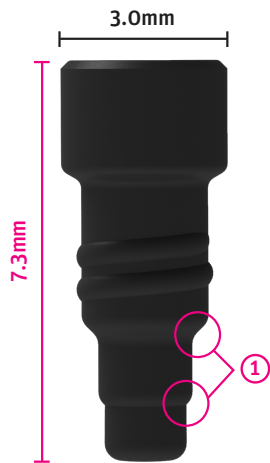


# P6 VICARBO screws Data Sheet



Distinguishing feature of **SN** VICARBO screw

- ① Screw tip tapers over **two** stages
- ② Screw head diameter: 3.0mm



## P15450

### Matches:

P6 Abutment SN straight, 1mm (P15501)

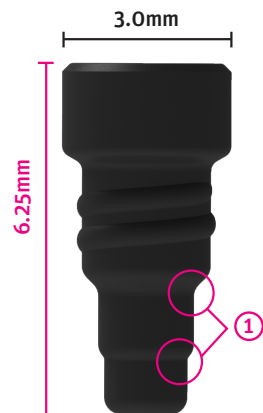
P6 Abutment SN straight, 2mm (P15502)

P6 ZERABASE SN, for crown (P15530)

P6 ZERABASE SN, for bridge/bar (P15531)

Distinguishing feature:  
Length 7.3mm  
Two-stage tip ①

Tightening torque: **25Ncm**



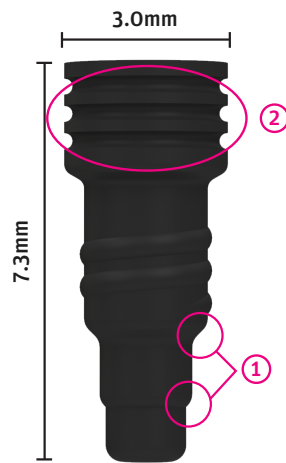
## P15451

### Matches:

P6 Abutment SN angular 15° (P15515)

Distinguishing feature:  
Length 6.25mm  
Two-stage tip ①

Tightening torque: **25Ncm**



## P35550

### Matches:

P6 Provisorium SN (P35530)

P6 Scanbody SN (P35514)

**Only to be used for provisional treatment!**

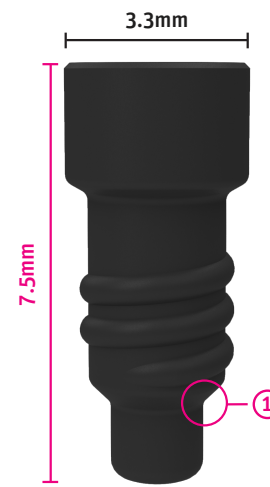
Distinguishing feature:  
Two-stage tip ①  
Grooves in screw head ②

Tightening torque: **15Ncm**



Distinguishing feature of **RN** VICARBO screw

- ① Screw tip tapers over **one** stage
- ② Screw head diameter: 3.3mm



## P16450

### Matches:

P6 Abutment RN straight, 1mm (P16501)

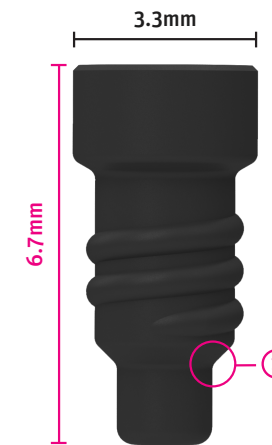
P6 Abutment RN straight, 2mm (P16502)

P6 ZERABASE RN, for crown (P16530)

P6 ZERABASE RN, for bridge/bar (P16531)

Distinguishing feature:  
Length 7.5mm  
Single stage tip ①

Tightening torque: **35Ncm**



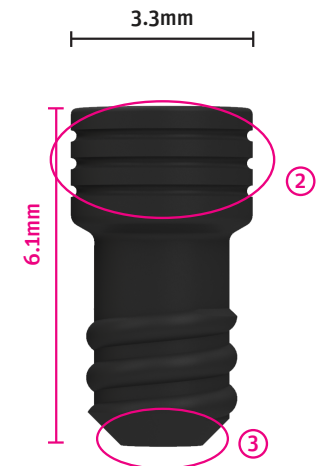
## P16451

### Matches:

P6 Abutment RN angular 15° (P16515)

Distinguishing feature:  
Length 6.7mm  
Single stage tip ①

Tightening torque: **35Ncm**



## P36550

### Matches:

P6 Provisorium RN (P36530)

P6 Scanbody RN (P36514)

**Only to be used for provisional treatment!**

Distinguishing feature:  
Grooves in screw head ②  
No screw-on tip ③

Tightening torque: **15Ncm**



All screws have the More Torque Index. Use prosthetic wrench (P38619 or P38623)

# The innovative, metal-free VICARBO screw.

## The metal-free innovation: VICARBO screws

Our objective was to offer a 100% metal-free solution in which not only the implant but also the screw were metal-free. We therefore decided to use the high performance material VICARBO. VICARBO is a carbon-fiber reinforced PEEK plastic, in which the carbon fibers are aligned with the longitudinal axis of the material. In this way, we can achieve enormous strength. Thanks to the production process developed by ZERAMEX®, the carbon fibers are not damaged during production and they retain their full function. This patented implant-abutment connection, based on the VICARBO® screw, is unique in dental implantology!

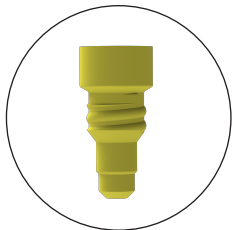
This material has already proved its worth in other medical applications (e.g. orthopedics) and is considered to be the material of the future. Aerospace engineers also use carbon fiber reinforced components because of their enormous strength and low weight.

## Technical Specifications

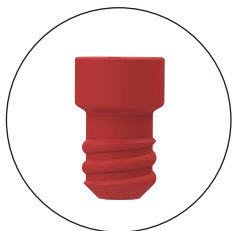
■ Modulus of elasticity: >160 GPa.   ■ Flexural strength: >1'100 MPa.   ■ Tensile strength: 2'000 MPa.   ■ Sterilization: Steam sterilization at 134°C, 18min.

## The laboratory screw

To protect the original VICARBO screws give them to the practitioner in an unused state, we offer laboratory screws.



Matches: all SN abutments  
Distinguishing feature: yellow color  
Tightening torque: 5Ncm  
Material: PEEK



Matches: all RN abutments  
Distinguishing feature: red color  
Tightening torque: 5Ncm  
Material: PEEK

## FAQ's

### Do i have to keep the specified tightening torques??

- Yes. With the torques stated above, the special properties of the screw are optimally realized. The screw fits snugly into the contours of the implant and is in direct contact with the ceramic over a large surface area. A very compact connection is created.

### Why are several different screws available per platform?

- The requirements on the screw differ, due to the various designs of the respective abutments. Each screw is optimized to achieve the greatest possible stability in combination with the respective abutment.

### Why does head of the VICARBO screw have a conical shoulder?

- The conical shoulder of the screw head is designed so that the fit with the abutment is as tight as possible while avoiding lateral forces that could damage the abutment latter.

### What material is the VICARBO screw made from? Why is it black?

- The screw is made of PEEK plastic reinforced with longitudinally aligned carbon fibers. The carbon fibers are responsible for the VICARBO screw's color.