

RECIPROC® blue

Constantly striving for innovation, VDW developed a heat treatment solution to bring more flexibility to NiTi. Five years after launching RECIPROC®, VDW presented RECIPROC® blue in 2016 – an universal and flexible instrument for the majority of cases.

Features

Short 11 mm nickel plated shaft enabling better access to molars

Silicone stopper in the ISO color of the specific RECIPROC® blue instrument tip size

Working length 21 mm, 25 mm and 31 mm

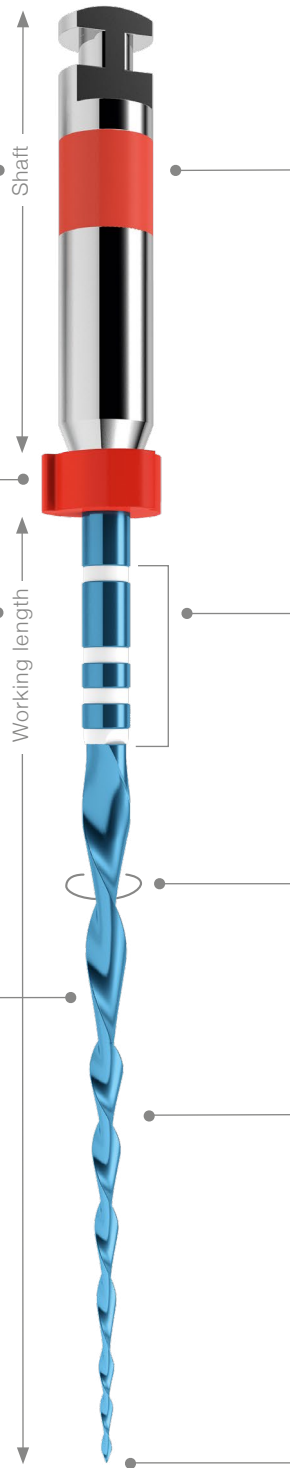
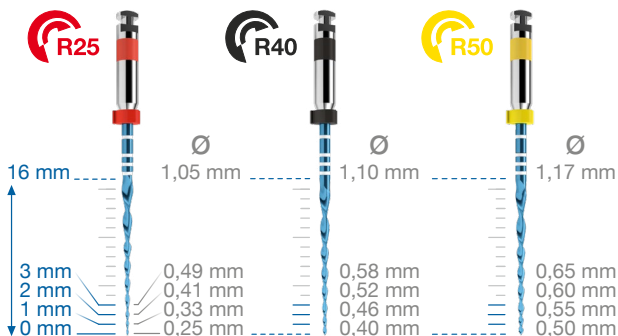
Variable taper

- R25 prepares the root canal to a diameter of 0.25 mm with a taper of .08 over the first apical millimeters.
- R40 prepares the root canal to a diameter of 0.40 mm with a taper of .06 over the first apical millimeters.
- R50 prepares the root canal to a diameter of 0.50 mm with a taper of .05 over the first apical millimeters.

narrow canals

medium canals

large canals

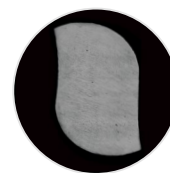


ISO color coding

Radiopaque calibration rings

Length	Calibration rings at
21 mm	18, 19, 20 mm
25 mm	18, 19, 20, 22 mm
31 mm	18, 19, 20, 22, 24 mm

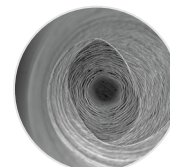
S-shaped cross-section



Heat treated NiTi material

RECIPROC® blue files are produced with Nickel-Titanium (NiTi) that goes through an innovative heat treatment.

Non-cutting tip



Benefits

Easy

Safe

 **RECIPROC**[®] *blue*

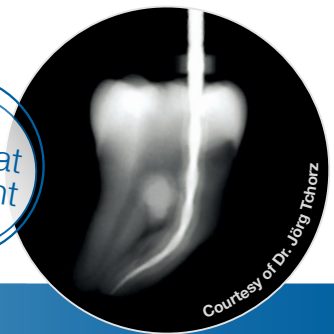
Efficient

Flexible

- The instrument **progresses smoothly** into the canal thanks to the heat treated NiTi alloy.
- It is possible to **prebend** the instrument for an **easier access** to the canal.
- The instrument **follows the natural canal anatomy smoothly** thanks to its blue heat treatment making the file more flexible.
- The flexibility obtained by the blue heat treatment improves the **centering abilities** of the instrument to reduce canal transportation.



Blue heat
treatment



Courtesy of Dr. Jörg Tchorz

The improved NiTi treatment

RECIPROC[®] *blue* instruments are produced with Nickel-Titanium (NiTi) that goes through an innovative heat treatment, modifying its molecular structure to give it **increased resistance to cyclic fatigue** and **additional flexibility** as well as its characteristic blue color.