

INFINIDENT

SOLUTIONS



NPM milled (CoCr)

The milled, base metal alloy from INFINIDENT

CTE (20 – 600 °C)*

$14.6 \cdot 10^{-6} \cdot K^{-1}$

VICKERS*

289 HV

NPM milled (CoCr)



Order Number 001-1799EN

INDICATIONS

- + Anterior and posterior crown and bridge frameworks with up to 16 units
- + Unlimited possibilities for full anatomical units (individually or in bridges)
- + Fully anatomical and partially veneered as well as primary telescopic crowns

BENEFITS

- + Less post-processing effort due to perfectly milled surface structure
- + Consistently high microstructure quality with no voids, porosity or warping
- + Reduced oxide formation during firing of ceramic
- + Can be further handled like cast frameworks

REFERENCES

The CTE value of NPM milled is ideally matched to the veneering ceramics of most manufacturers. The veneering can be done with your usual ceramic materials for non-precious metal alloys. Please always observe the processing instructions of the respective manufacturer.

COMPOSITION*

Co	~ 61.0 %
Cr	~ 27.5 %
W	~ 8.5 %
Si	~ 1.6 %
Other	<1.0 %

* typical material characteristics.
The published information of the respective material manufacturer shall apply.