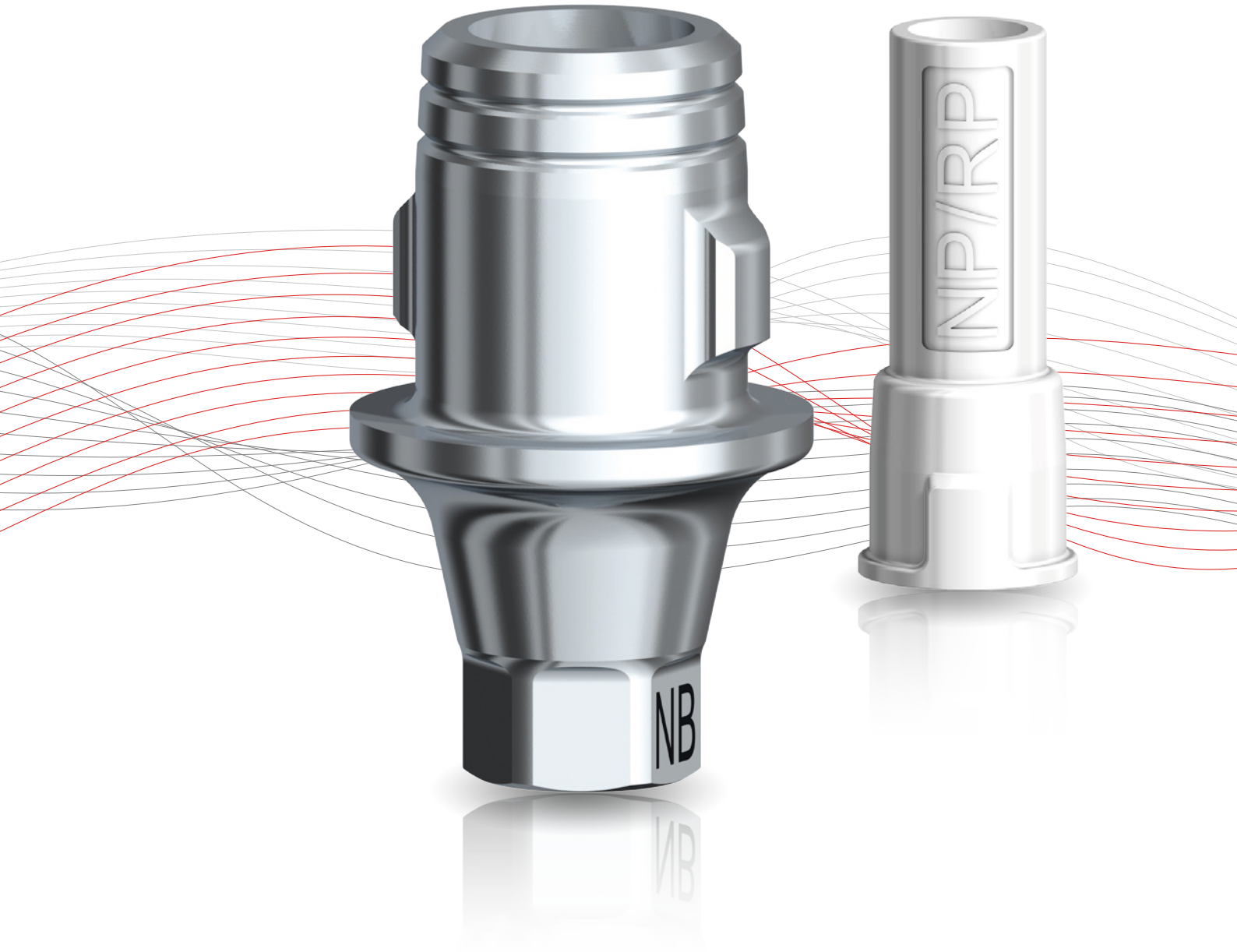
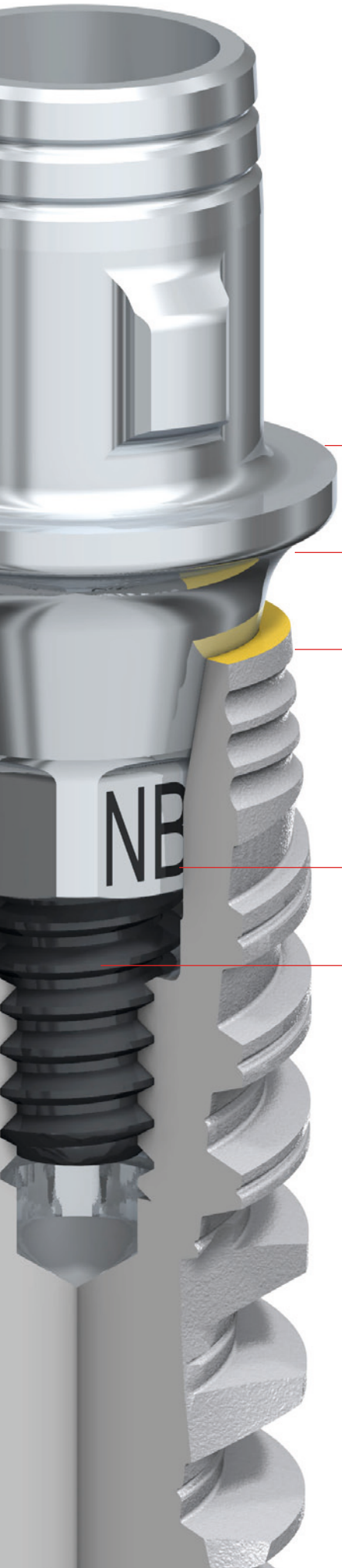
Abutments, made your way
Universal Base



Nobel Biocare®



Versatility you can base your success on

Quickly create quality abutments for Nobel Biocare implants using whichever workflow you prefer. Press-on techniques, wax-ups or CAD/CAM – the choice is yours. Whatever the method, the Universal Base is the direct way into restoring implants. And the best part? No investment is needed, so your technicians can get started right away.

Optimized retention with a unique indexing feature

Design flexibility with two margin heights available

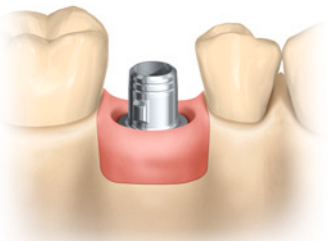
Precise fit due to the original Nobel Biocare implant – abutment interface

Complete package with clinical screw and burn-out coping

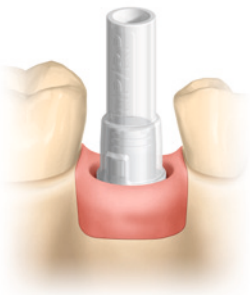
Laser marked for easy confirmation that you're using an original

Full workflow versatility
Use as a base for press-on or CAD/CAM restorations with STL data available for open CAD Software.

Conventional press-workflow



Screw the Universal Base onto the model.



Adjust the height of the burn-out coping.

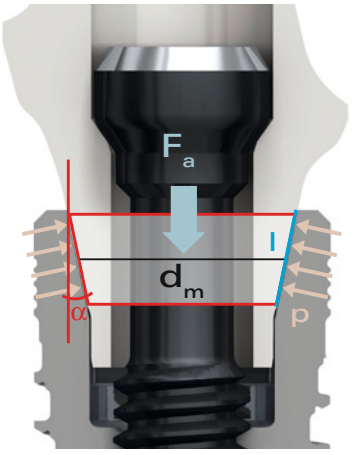
Contour a wax-up shape and use the standard procedure to either press or cast the coping or full-contour crown. Finalize the restoration before bonding.

Avoid the risks:
Choose original components

Place one order only and you're ready to go – the Universal Base comes with the fitting burn-out coping. The whole system – from the implant and the clinical screw to the universal base – are tested together. This ensures all the components you receive, work together for optimal long-term performance.

Biomechanical investigations and micro gap measurements with cross-sectional SEM images highlight the precise fit that's only guaranteed by the original abutment-implant interface.

Precise fit ensures long-term performance



Joint compression (p) depends on a number of variables such as preload (tensile force F_a), friction angle (α) and contact length (l). Small changes in any of these parameters can lead to extreme load and stress conditions, which can cause implants to fracture.

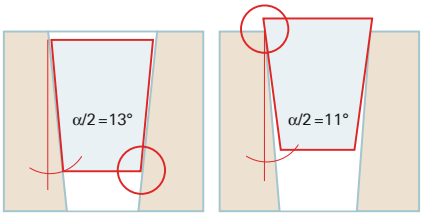
The importance of a perfect fit

All our products are designed and manufactured for a precise fit between abutment and implant. Selecting an abutment with a precise fit is decisive for system performance, as this ensures that occlusal forces are distributed evenly and that uncontrolled peak stresses are avoided.

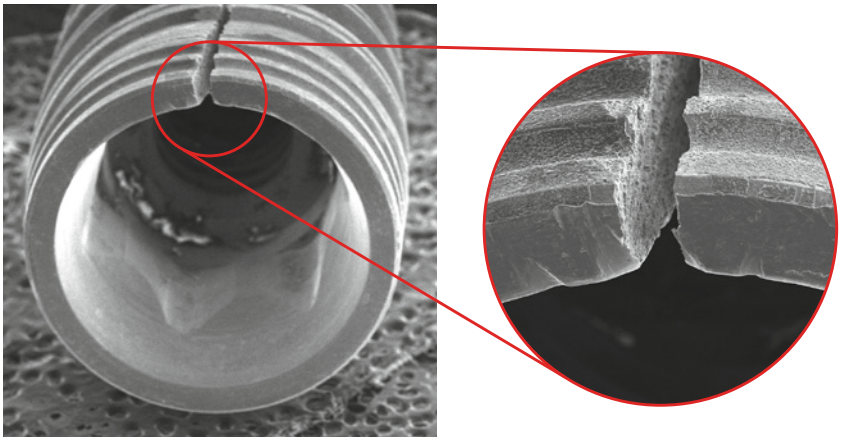
$$p = \frac{F_a * \cos(\rho) * \cos(\frac{\alpha}{2})}{d_m * \pi * l * \sin(\rho + \frac{\alpha}{2})}$$

Substitutes can put patients at risk

The use of substitute components means that the parameters governing system performance are no longer controlled. Any mismatch between implant and abutment can increase the load and stress conditions up to 30 times, which may cause individual components or the entire system to fail.



Mismatching components can lead to uncontrolled peak forces, which can cause implants to fracture.



Product overview

Universal Base Abutment for Nobel Biocare conical connection implants

Clinical screw and burn-out coping included

38213	Universal Base CC NP 1.5mm
38214	Universal Base CC RP 1.5mm
38215	Universal Base CC WP 1.5mm
38216	Universal Base CC NP 3mm
38217	Universal Base CC RP 3mm
38218	Universal Base CC WP 3mm

Other implant platforms will come later in the year.

Burn-out coping

38221	Universal Base burn-out Coping NP/RP
38222	Universal Base burn-out Coping WP

Optional components:

36730	Protection Analog CC NP
36731	Protection Analog CC RP
37880	Protection Analog CC WP
29122	Handle for Protection Analog
37448	Prosthetic kit

Digital prodution workflow
Download files here:
nobelbiocare.com/stl