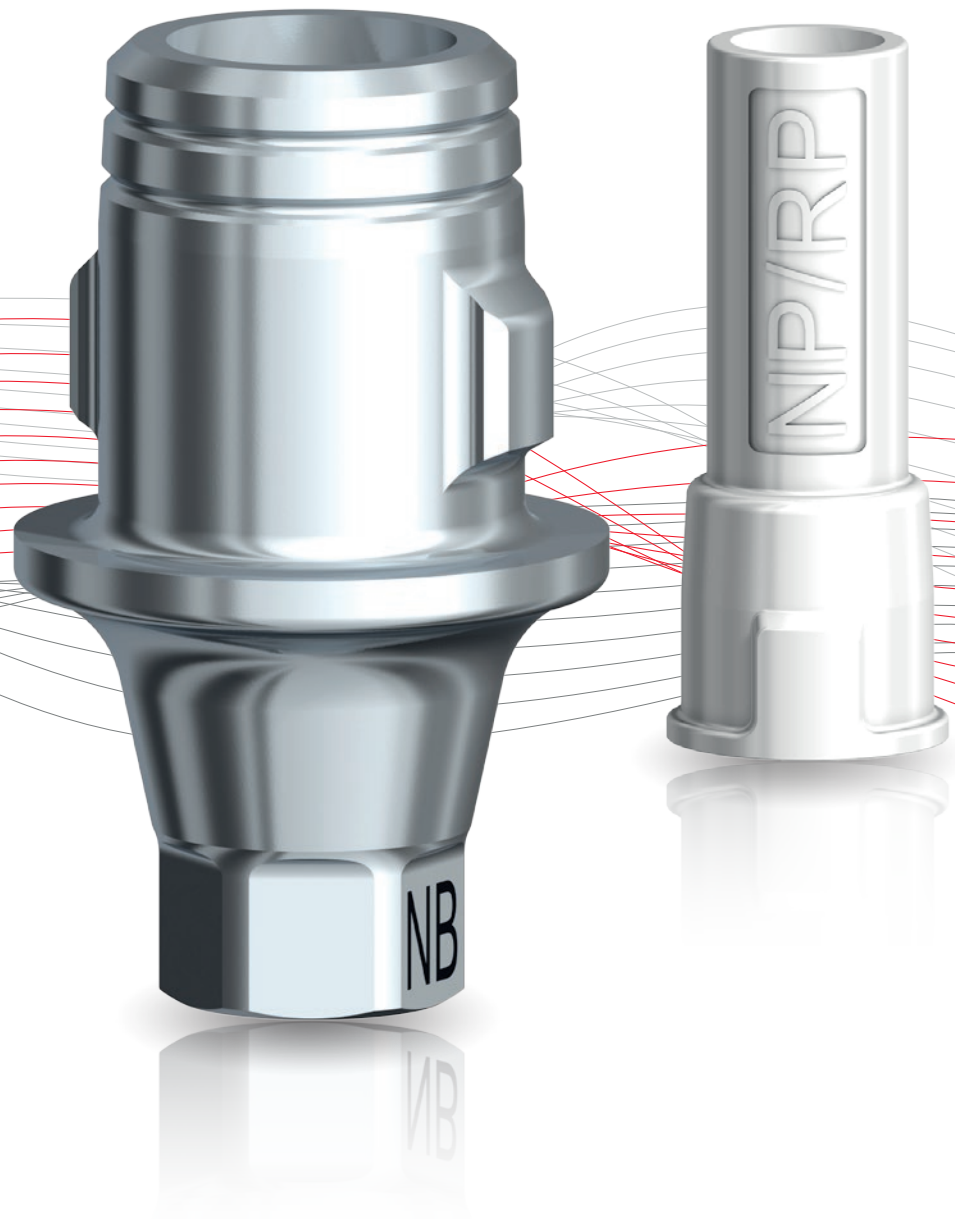


Abutments, made your way
Universal Base



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

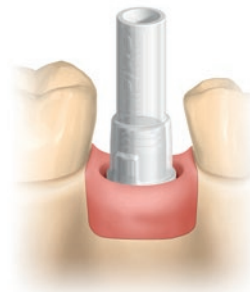
Use as a base for press-on or CAD/CAM restorations with STL data available for open CAD Software.



Conventional press-workflow



Screw the Universal Base onto the model.



Adjust the height of the burn-out coping.



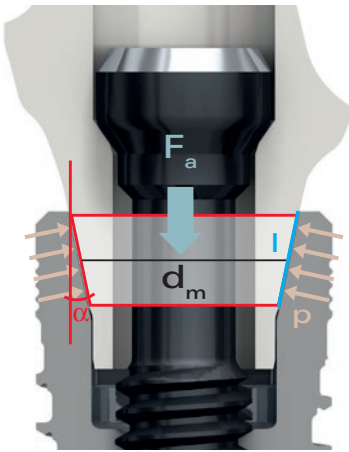
Contour a wax-up shape and use the standard procedure to either press or cast the coping or full-contour crown. Finalize the restoration before bonding.

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 optimized 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



The importance of a perfect fit

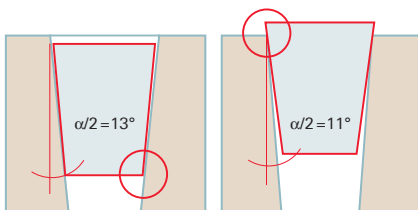
All our products are designed and manufactured for a precise fit between abutment and implant. Selecting an abutment with a precise fit is decisive for system performance, as this ensures that occlusal forces are distributed evenly and that uncontrolled peak stresses are avoided.

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

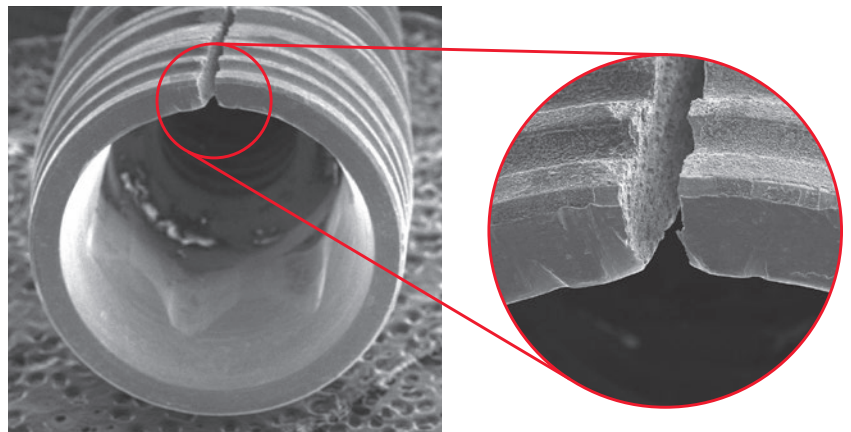
Joint compression (p) depends on a number of variables such as preload (tensile force F_a), friction angle (α) and contact length (l). Small changes in any of these parameters can lead to extreme load and stress conditions, which can cause implants to fracture.

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 for Nobel Biocare implants

Clinical screw and burn-out coping included

	Conical connection implants	Tri-channel connection implants	External hex connection implants
NP 1.5mm	38213	38171	38227
RP 1.5mm	38214	38172	38228
WP 1.5mm	38215	38173	38229
NP 3mm	38216	38174	38230
RP 3mm	38217	38225	38231
WP 3mm	38218	38226	38232



Universal Base burn-out coping

NP/RP	38221
WP	38222

Optional components

	Protection analog conical connection	Protection analog tri-channel connection	Protection analog external hex connection
NP	36730	29119	29116
RP	36731	29120	29117
WP	37880	29121	29118

Handle for Protection Analog	29122
Prosthetic kit	37448



Digital production workflow

Download files here:
nobelbiocare.com/stl

