



DYNAMIC ABUTMENT® SOLUTIONS es la marca que engloba, entre otros, la totalidad de los productos diseñados por nuestro centro de I+D+i, para proveer soluciones que resuelvan los problemas de posicionamiento desfavorable de los implantes mejorando la estética y funcionalidad de la prótesis.

Dynamic Abutment® Solutions es la empresa líder en soluciones anguladas. Aportamos una amplia cartera de productos como parte de un completo sistema para cad-cam, que incluye además todos los recursos digitales precisos para resolver la complejidad de las angulaciones en el campo del diseño digital, permitiendo correcciones de ángulo de hasta 45°.

La innovación y la calidad de nuestros productos son nuestro principal objetivo para responder a las exigencias del sector y de nuestros clientes.



Graphenano Dental came into being as a result of own studies on the reinforcement of polymer matrices, becoming the pioneer company in incorporating graphene nanotechnology in dentistry in order to meet the needs of the dental sector.

Since its creation, it has sought to obtain a new material with new properties that is versatile, comfortable in terms of workability, precise and long-lasting, as well as offering good structural stability and being biodynamic and biocompatible. Thanks to graphene, and more specifically to resins doped with this nano-material, the company has achieved the market launch of its first product: The G-CAM disk for milling using a CAD/CAM system.



G-DAS SYSTEM



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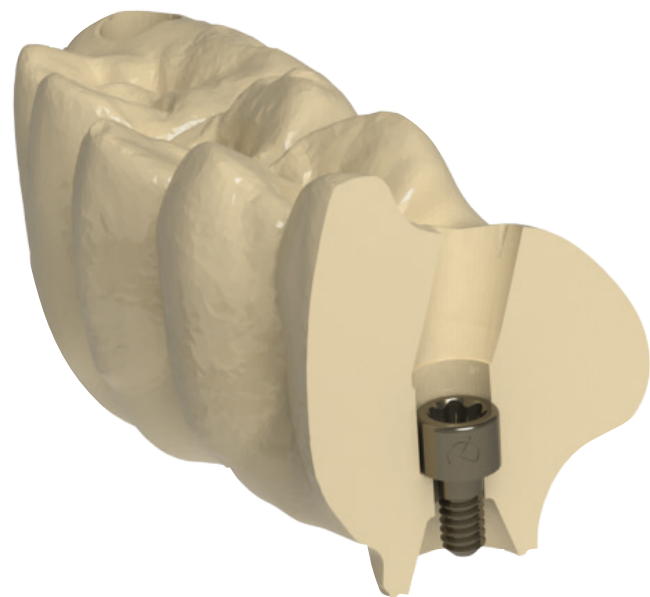


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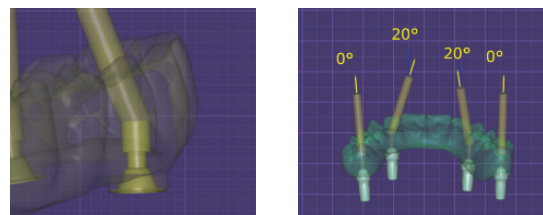
graphenanodental.com

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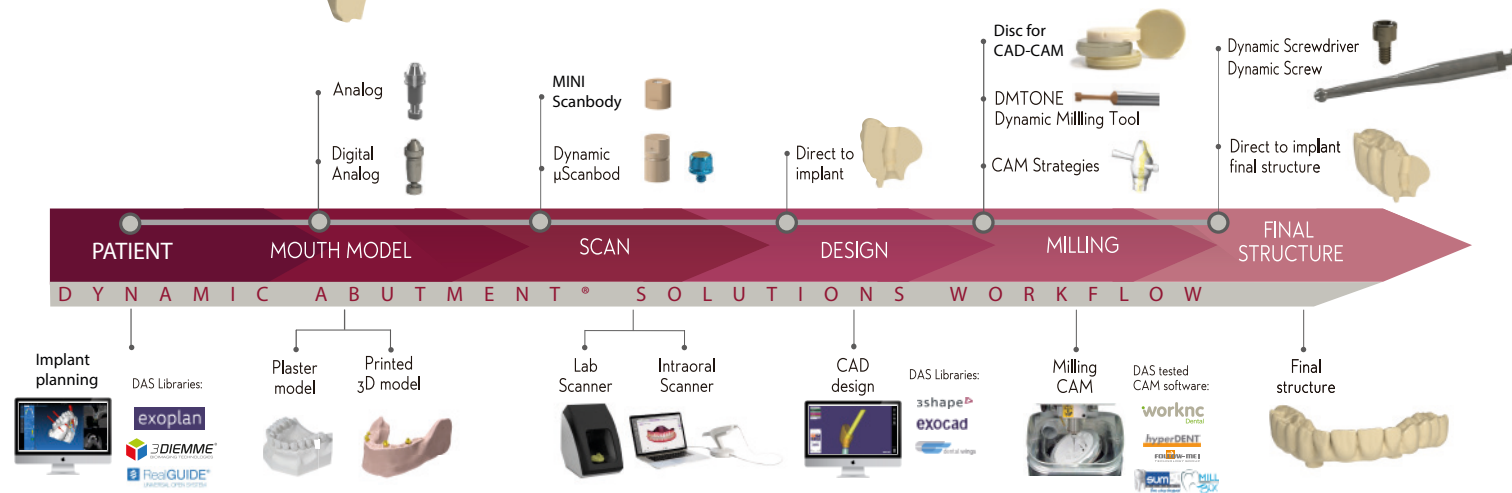


G-DAS SYSTEM

GDAS-SYSTEM allows you to work direct-to-implant on Nobel Biocare Multi-Unit with the Dynamic Abutment® Solutions Dynamic Abutment® Solutions libraries and the angulated system.



GDAS SYSTEM library:
DAS_G_0025



G-DAS screws
Ref. 41.314.048.01-2

Dynamic Screwdriver
Ref. 43.618.201.01-2 (18mm)
Ref. 43.624.201.01-2 (24mm)
Ref. 43.632.201.01-2 (32mm)

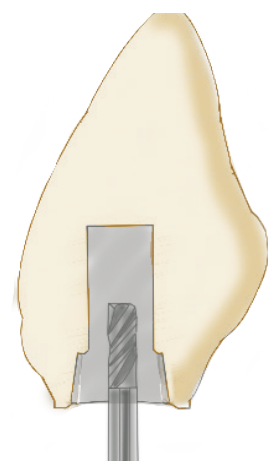
DMTone
Ref. 33.390.716.01-2 (Shank Ø 3)
Ref. 33.490.716.01-2 (Shank Ø 4)
Ref. 33.690.716.01-2 (Shank Ø 6)

Dynamic µScanbody
Ref. 52.408.112.01-2

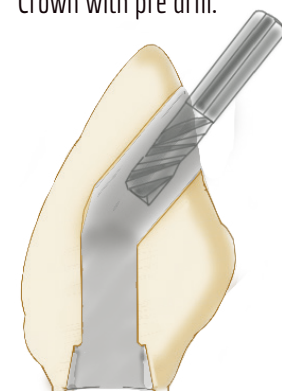
Dynamic µScanbody Adaptor
Ref. 50.313.025.02-2

Digital Analog
Ref. 34.613.025.01-2

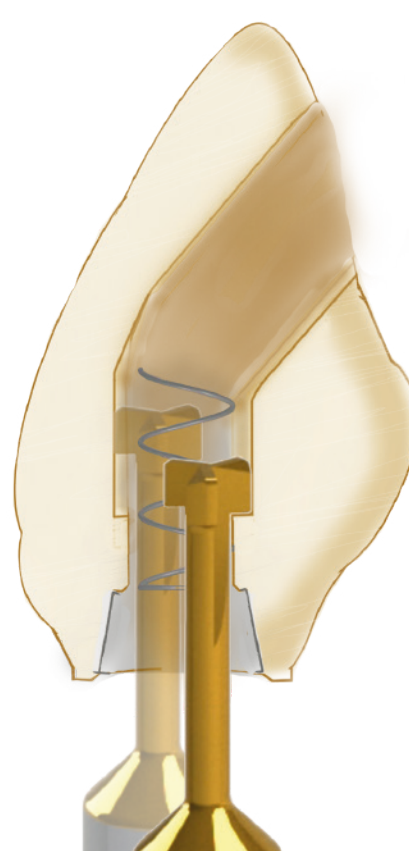
Screwdriver SIO
Ref. 43.620.411.01-2



STEP 1
Crown with pre drill.



STEP 2
Crown with Angled channel.



STEP 3
Crown with Dynamic Milling Tool. Milling the screw seat and increasing the diameter of the straight channel.



DMTONE
DYNAMIC MILLING TOOL

Precision milling tool. In the screwed angled structure direct to implant, it is used to mill the screw seating and to increase the internal diameter of the straight channel.

G-CAM

Graphene nanoreinforced biopolymer disc for CAD/CAM drilling

CE
1984

GRAPHENE
INSIDE

Graphenano
DENTAL

Material properties

Elastic modulus (1)
3200 ± 7% MPa

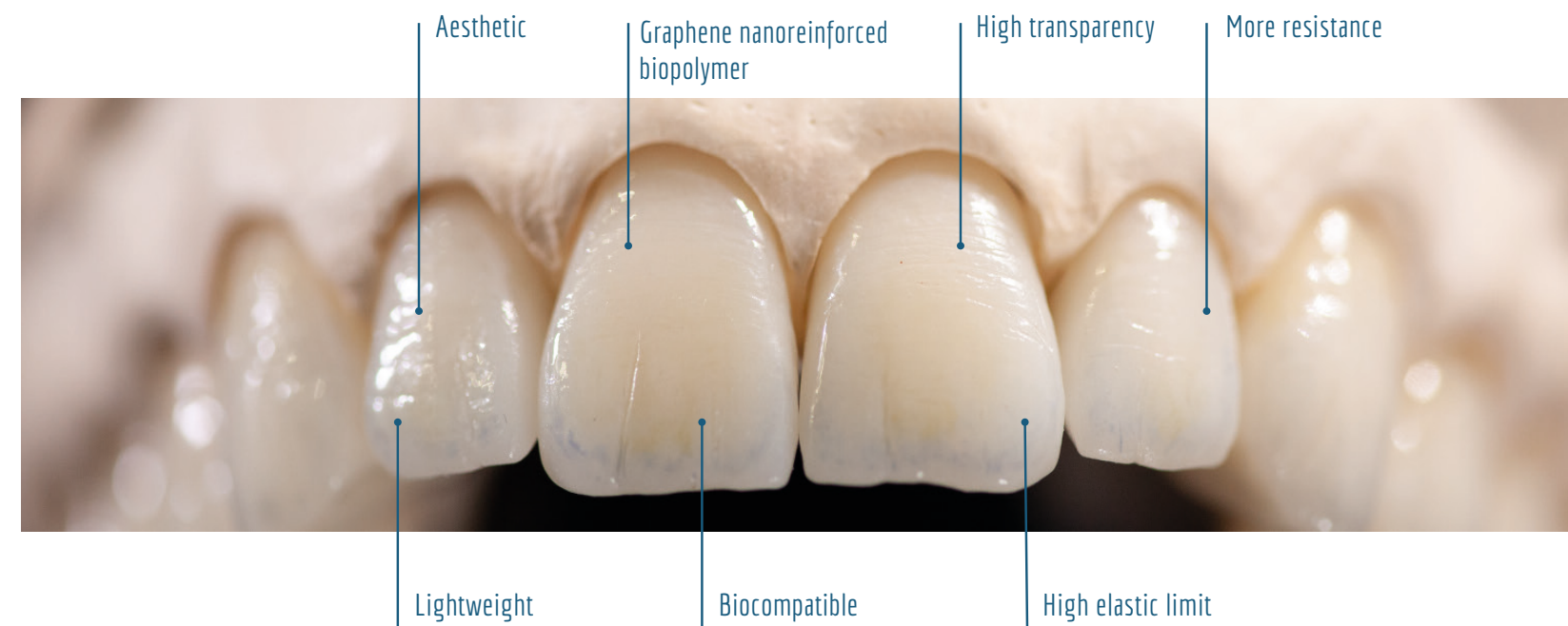
Bending strength (1):
140 ± 7% MPa

Surface hardness (2):
88 Shore

Water absorption (1):
4 µg/mm³

Residual monomer (1):
<0,004 %

(1) UNE-EN ISO 20795-1: 2013 | (2) Internal method



G-CAM work process

