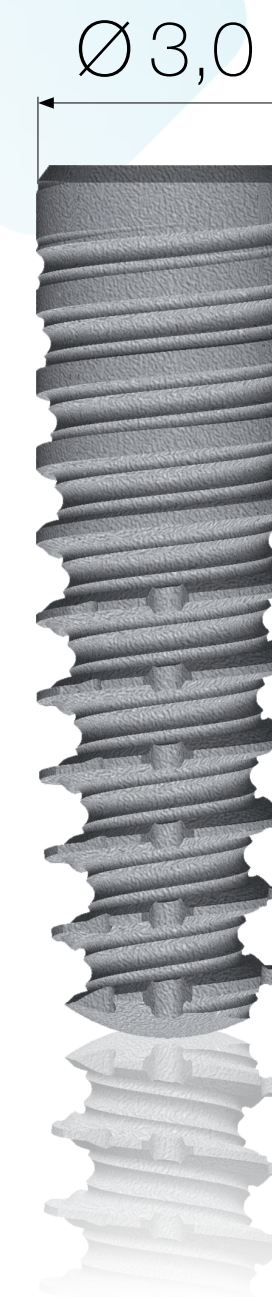


D3
PointZero 3Cones *In* One

Implantline






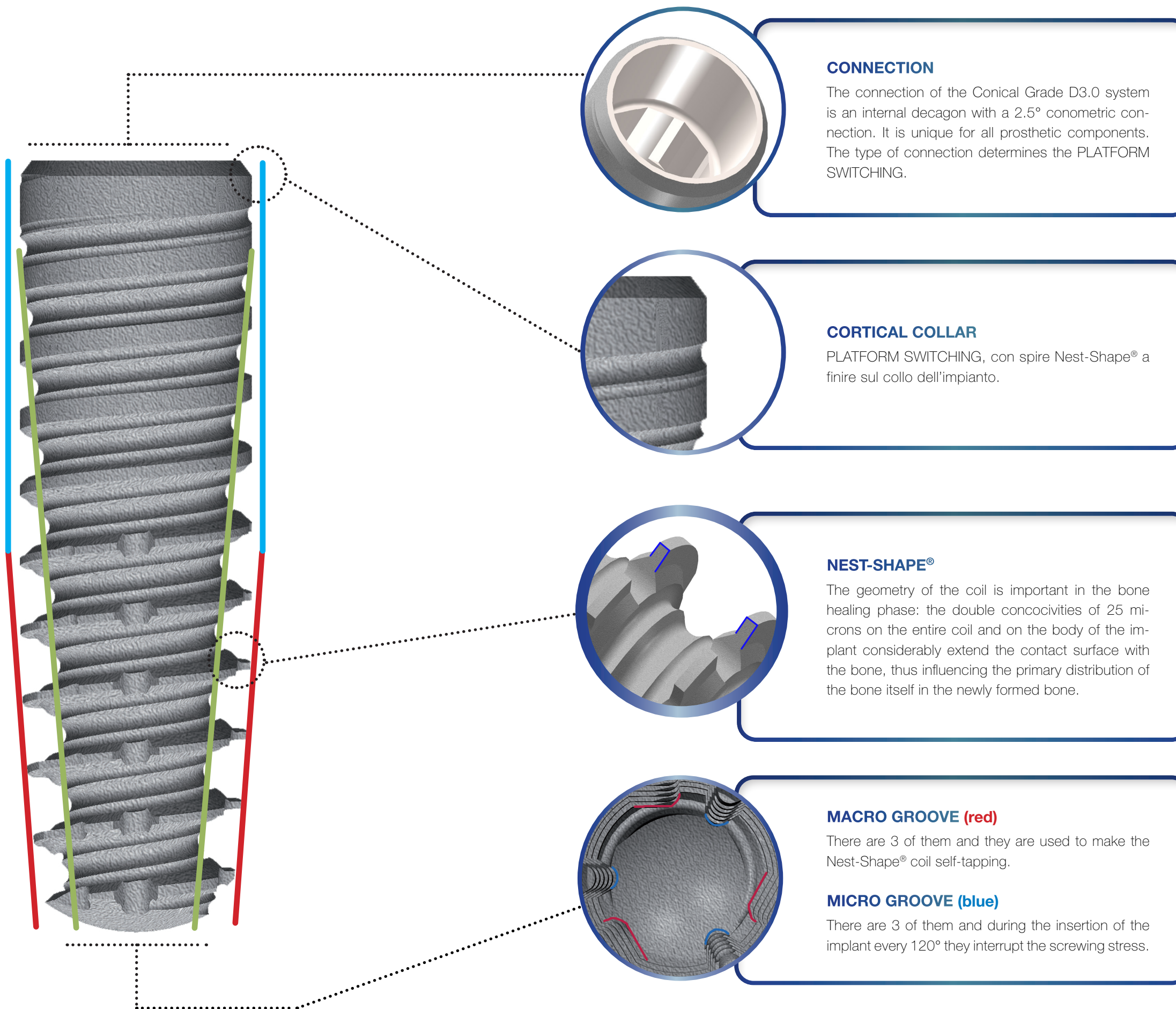
Ornaghi s.r.l.
Viale Marche,70 - 20159 Milano (MI)
Phone +39 0392142070
www.ornaghimedical.com



MADE IN ITALY

 **ornaghi.**

-  Cylindrical part outer diameter
-  The exterior has a 6° inclination at the vertices
-  The body has an inclination of 6.4° at the vertices



NEST-SHAPE®

The main characteristics of the coil, thanks to the new **Nest-Shape®** morphology, highlight very relevant biological and biomechanical functions.

The geometry of the coil is important in the bone healing phase: the double concavities of 25 microns on the entire coil and on the body of the implant greatly extend the surface of contact with the bone in such a way as to influence the primary distribution of the bone itself in new formation. In fact, the first osteoblasts, vessels and bony trabeculae are concentrated primarily in the concavities of the coils and only later, 30 days after the insertion of the implant, can a homogeneous distribution on the implant surface be observed.

Osteoblastic proliferation is confirmed by increased al-caline phosphatase formation and the presence of PGE2 and TGF-beta.

The concavities, in addition to generating benefits in the healing phase, allow a significant reduction in the cutting section of the bone, making the coil, despite its height of 0.5 mm, atraumatic for the implant socket. The **Nest-Shape®** coil has a profile with a constant pitch along the entire length of the implant.

Specifically, the pitch, measuring 0.9 mm, makes the device versatile and significantly reduces the insertion time. The **Nest-Shape®** coil has the particularity of having 3 grooves inside its profile. The grooves, made with a radius of 0.25 mm, allow a considerable reduction in the cutting section of the coil and significantly increase the osseointegration surface.

Another important feature of the **Nest-Shape®** coil consists in the insertion phase of the fixture into the implant socket where the coil mechanically clings to the medullary bone.

The implant site, as per protocol, must be prepared with specially designed drills, thus allowing the blood to flow and distribute over the entire body of the implant, stimulating a rapid formation of young and well-oxygenated blood clots. The **Nest-Shape®** coil has a constant depth along the entire length of the implant, except in the coronal area where, on the other hand, it is reduced.

HEIGHT 0,5