

TGC-AO-NAIL-xx (priliminary)



- The Nail AddOn is an empowerment of the Soft finger grippers, that expands and enhances the grasping capability. Think about in the same way you make use of your own nails.

Designed for the impossible pickup – perfectly and reliable

Just like you know from your human experience nails often plays a important role when they smoothly with the surface from where they are to be taken. The AddOn nails empowers the gripper to pick up objects that often otherwise seems impossible.

The release capability

When releasing the grasped item, the gripping process is reversed meaning the time it takes to release is allowing a very comprehensive placement.

Multi-pick – stacking inside the gripper

Products may have to be placed in a tray or insert in stacks. The nails gives a solid way of consistaly picking up saw cookies individually and easily allows a single release for the whole stack.

Best in class Total cost of ownership, saves up to 90% energy

Save up to 90% energy compared to your standard suction cup. Make your own consumption savings calculation - [link](#)

Long lifetime

Save up to 90% energy compared to your standard suction cup. Make your own consumption savings calculation - [link](#)

Safely and ease of use and handling

As our grippers reflects bionic design its intuitively easy to get a basic idea about how our grippers works. The

High compliance

Innovative gripper design delivers a unique outstanding level of self-compliance, providing a firm but natural gentleness when conforming around the workpiece.



Typical workpieces



Stacked Sliced meat, picked from a belt conveyor where the nails ensures that the bottom low lowest slice is always taken.



cream buns, where the base thin cookie is the solid element for pickup.



Cookies picked from a belt conveyor, stacked by concurrent individual pickups and then delivered into a tray/insert cavity in one single placement.



Finger Nails

SKU	Lip color	Compliant lips	Max Pull (N)	Max push [N]	Length along fingertip [mm]	Min/Max. items size ³	Esp. MTBF [mill]	weight	Food Grade
TGC-AO-NAIL_SXX-D55-V1 XX 01 = Style 1 XX 02 = style 2 XX 03 = style 3 XX 04 = style 4	Translucent	Four Finger gripper Lips builds with Finger reinforcement mod. TGC-SFG-4X-MRIP-XX	20	20	12	20/65	3	3g	Yes

- 5) Diameter, trials would have to validate the case specific feasibility
- 6) Exp. release Jan/21

