Dual Belt Gripper Lip TGC-DBG-XX [SM/MD/LG]











The Modular belt gripper, with a series of job-optimized attachable belts is a another ground breaking innovative design, that empowers you to mimic the human two finger delicate grasp of especially small thin items, that just intuitively tends to grasp at the finger-tips of your thumb and forefinger. Even very fractal items like herb cuttings easily get grasped the belt gripper.

Typical workpieces



Herb cuttings and other similar cutting requires firm gentle grasp

Designed for the "COMPLIANT SEFL-ALIGNING" grasp

The tree belts are all optimized to match a targeted variety of object in respective dimen belt are carefully designed to balance gentleness and firmness of the grasp. The overall natural grasp, hold and release motion that fulfills a number of requirements such as

- Positioning tolerance
- Size- and shape tolerance
- Secure grasp
- Controlled release /placement
- even mounting with self-compliance
- minimum clearance requirements
- longevity and durability, even when crashed unintended

Thin cylindric plastic/glass/matal (nails, bolts, screw ne intersection made surface structures of the of the light hard feel optimized to ensure a



The release capability

When releasing the grasped item, the gripping process is reversed meaning the time in allowing a very comprehensive placement.



Nuts and Blots

but gently and control roll free of the belts

Low clearance requirements

Products may be presented in a dense collection even in a bin in multiple layers. Also when placement may often require a thigh-fit the

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



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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.

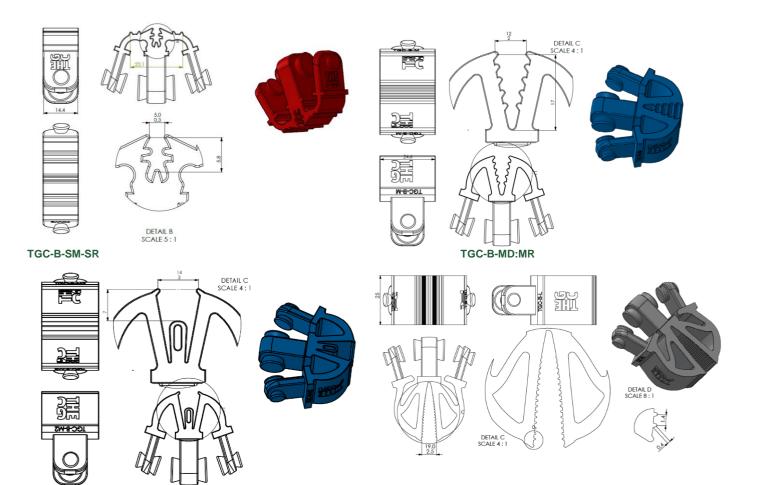




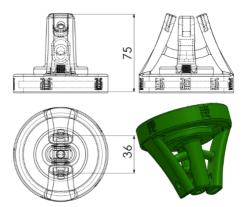
Dual Belt Gripper Lip

| SKU | Lip color | Fingertips | Max Pull (N) | Max push [N] | Actuator stroke [mm] | Min/Max. items size ² | Esp. MTBF [mill] | weight | Food Grade |
|-----------------|-----------|-------------|-----------------|-----------------|----------------------------|-------------------------------------|---------------------|--------|---------------|
| TGC-DBG -NON-A3 | Green | 5 RIPS | 80 | 100 | 30 | 13-65 | 5 | 142g | Yes |
| TGC-B-SM-SR | Red | Tiny reps | 80 | 100 | 20(use blocking) | 0.3-5 | 3 | 9g | Yes |
| TGC-B-MD-MR | Blue | Medium rips | 80 | 100 | 20 (use blocking) | 2-10 | 3 | 18g | Yes |
| TGC-B-MDPI-MR | Blue | Medium rips | 80 | 100 | 20 (use blocking) | 2-10 | 3 | 16g | Yes |
| TGC-B-LG-SR | Gray | Small rips | 80 | 100 | 20(use blocking) | 4-20 | 3 | 25g | Yes |

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



TGC-B-MDPI-SR TGC-B-LG-SR



TGC-DBG -NON-A3

