





2

NECK



NECK

A **LOT** TO UNPACK#

NECK	4
2 VERSIONS	6
NECK#1	8
NECK#1 CLAMP	10
NECK#2	14
NECK#2 CLAMP	20
RECAP	24

3

tyrolon

NECK

ONE
FOR
ALL

tyrolon® **NECK** is an extremely versatile clamp with superior design that takes care of all PET neck handling processes.

1 NECK#1

Rely on our proven version of PET neck handling clamps which are in use all over the world.



2 NECK#2

Upgrade to our brand new flagship version of neck handling with even more advantages.

NECK#1



EFFICIENT

Highly efficient neck handling for bottles through simple design and low part count, resulting in both cost & bottling efficiency.

SIMPLE

The single part design without springs, rubber cushions or other unnecessary parts leads to low maintenance cost. Broken clamps can be individually replaced instead of changing whole formats.

AFFORDABLE

The Low maintenance clamps can be replaced swiftly, leading to less cost in the long run. In case of crash broken clamps are easily identified as they break instead of deform.



UNIVERSAL

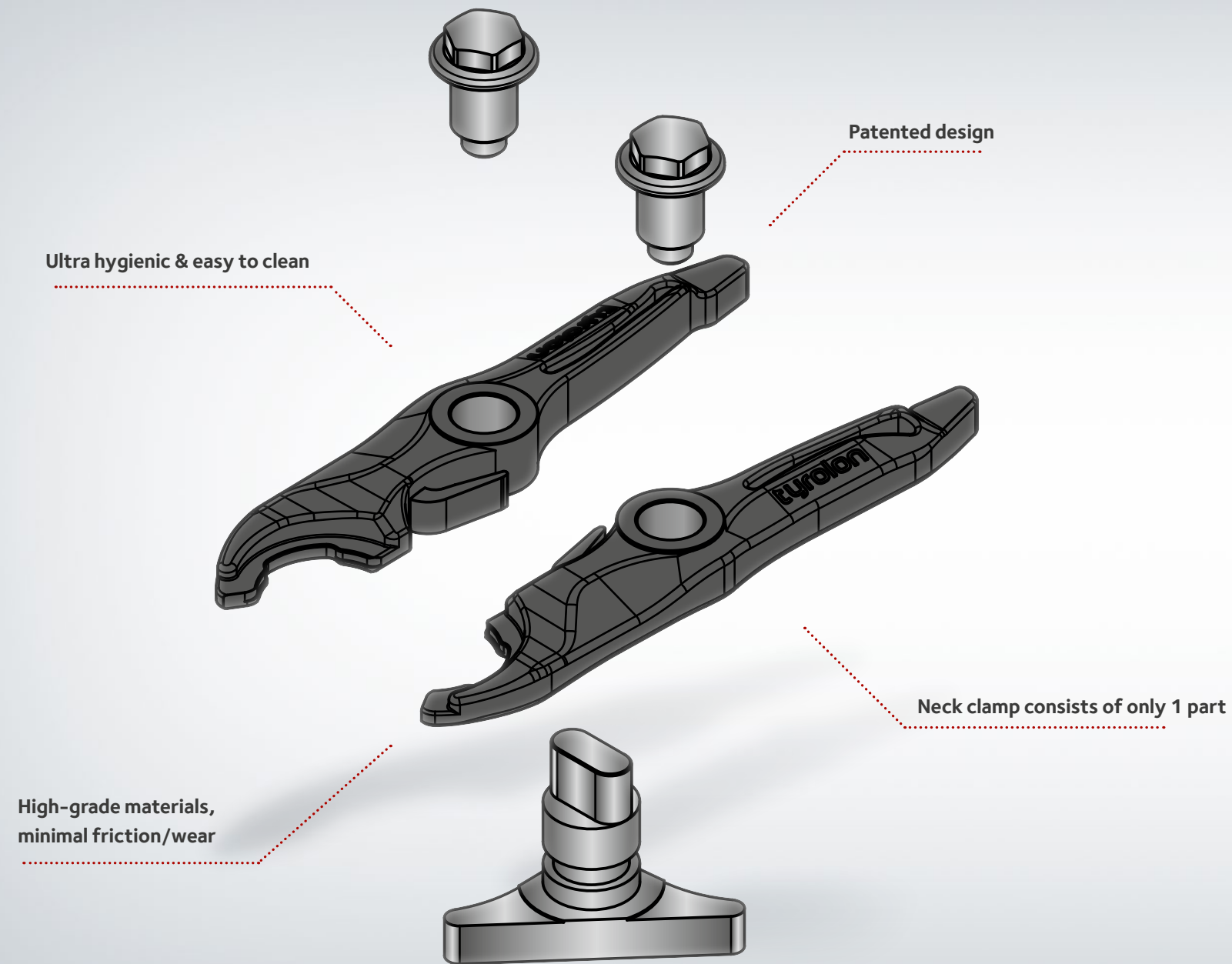
Individual star plates allow for conversions of existing and older machines.

LONG LASTING

High-grade & wear-resistant special plastics, in combination with stainless steel guarantee long lifetimes and reduce demand for spare parts.

ASEPTIC / NON ASEPTIC

Absence of drill holes, spaces, gaps, flat springs, & rubber cushions result in far superior, flawless hygiene — no more friction, residues or corrosion.



SIMPLE DESIGN

FOR **COMPLEX** APPLICATIONS

The extremely **simple design** removes the need for small parts such as: flat or pressure springs, rubber cushions, roll pins, bushings. A minimum number of drill holes, spaces and gaps make it far **less prone to corrosion, residues and germs.**

The tyrolon® NECK-System works on **every machine** in the industry with minor conversions.



The perfect mix of high-grade materials account for **faint wear**, and a minimum amount of friction between the retaining plate and neck clamp.

All this while avoiding downtimes of machines, bottle deformations and — ultimately — **production loss.**

12

WANT TO
SPICE
THINGS UP
A NOTCH?



13

NECK#2



**NEW:
DIFFERENT
DIAMETERS
POSSIBLE**

MORE EFFICIENT

Handles bottles with different diameters, resulting in less machine downtime & even more efficiency.

SIMPLER

Even simpler design accounts for less complexity, less parts, less maintenance, less cost. No switch cam = even less wear.

GENTLER

Applies little and consistent force while gripping, leaving behind less stress marks & damage.

MORE TOLERANT

Tolerates machine setting errors such as synchronization, star-wheel distances & more.



LONGER LASTING

Longest lasting clamp on the market. No repairs + magnetic cam control.

CLEANER

Simpler design leads to less surface for residues/contamination and easy cleansing. The perfect solution for aseptic bottling.

MORE VERSATILE

Three types of clamps: high-grade plastics, stainless steel or hybrid

UNIVERSAL

Upgrades possible for all types of machine with PET neck handling.

COMPENSATE VARIOUS NECK DIAMETERS

AVOID

Format **changeovers** and machine downtime as the new neck#2 clamps tolerate small differences in diameters while handling PET bottles.

PREVENT DAMAGE

New NECK#2 clamps ensure gentle gripping to prevent damage to PET bottles, downtime of machines or other forms of disruption to your factory lines.

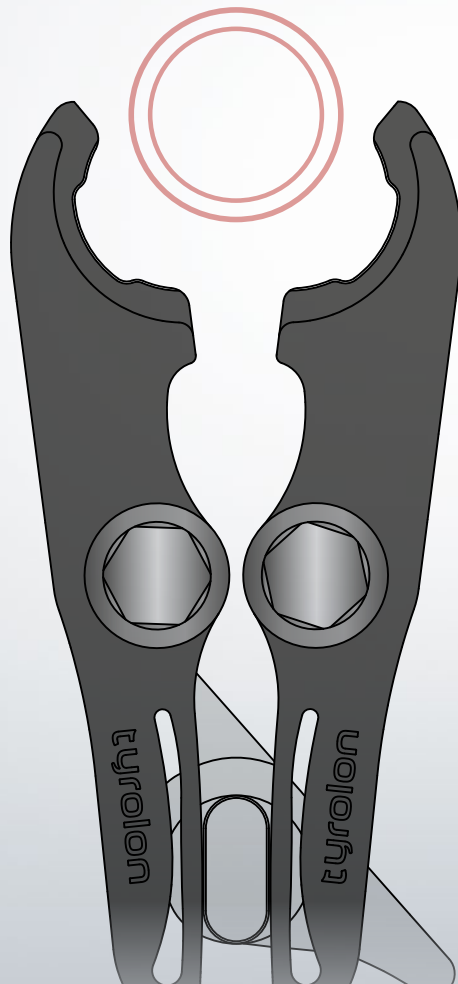
[ill fitting clamps cause damage to bottles or errors in alignment]



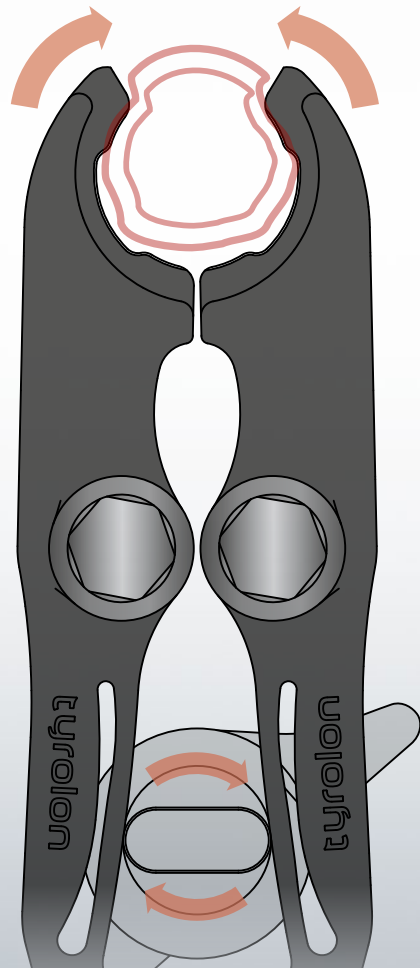
Visit our website for more information

NECK#1

OPEN



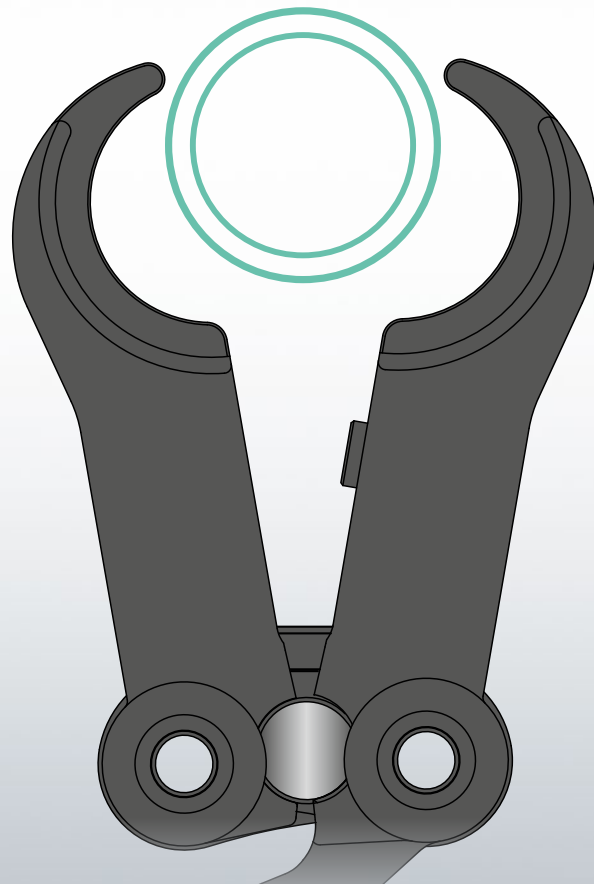
CLAMPS CLOSE ALL THE WAY



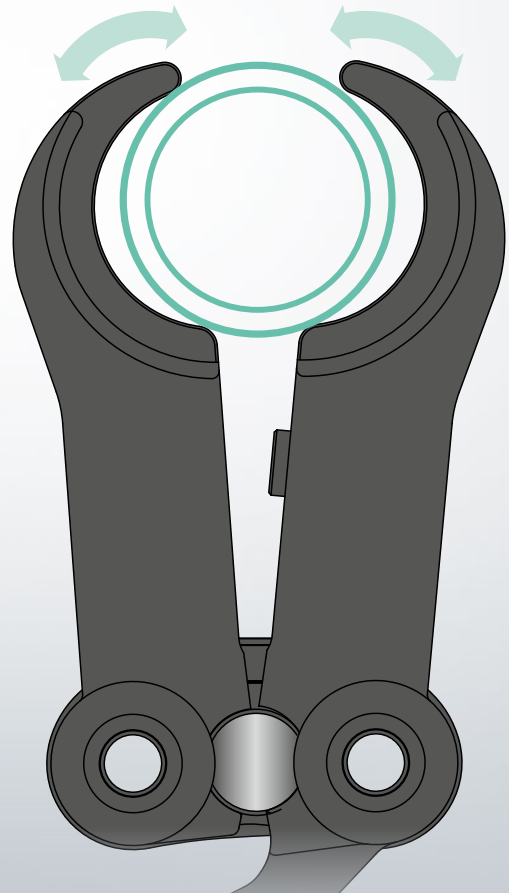
Conventional neck clamps always close **entirely** which might lead to bottle damage in cases of different diameters or wrong alignment.

NECK#2

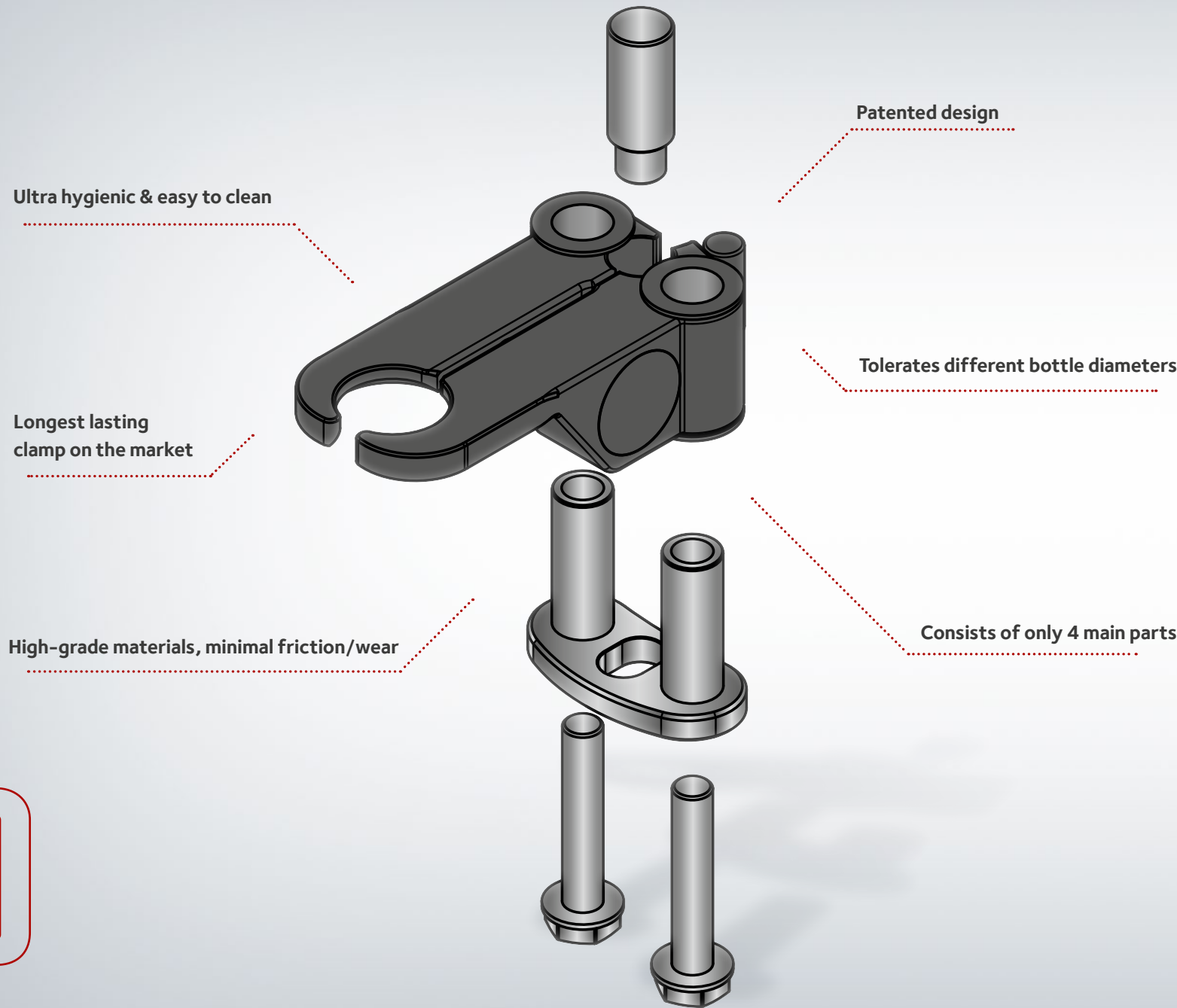
OPEN



CLAMPS CLOSE SMOOTHLY



Neck#2 clamps are **smoothly closed** by magnetic force until they reach the bottle neck. This enables differing neck diameters to be processed **without damage**.



SUPERIOR
DESIGN

FOR COMPLEX APPLICATIONS

The new universal neck clamp is the longest lasting clamp on the market and adaptable to all **known machine brands** in PET/neckhandling areas. Gentle gripping by magnet force prevents neck damage.

Equipped with powerful, efficient and low-maintenance clamps that come in 3 variations: high-grade plastic, **stainless steel** or hybrid (not shown, coming soon).



CLAMPARISON

Comparison of neck handling clamps on the market

CLAMPS

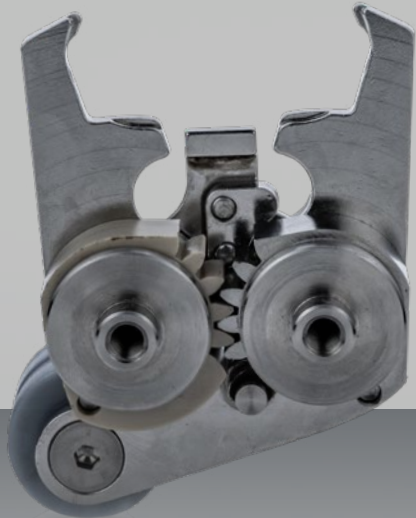
[OTHER MANUFACTURERS]

tyrolon
bottling efficiency

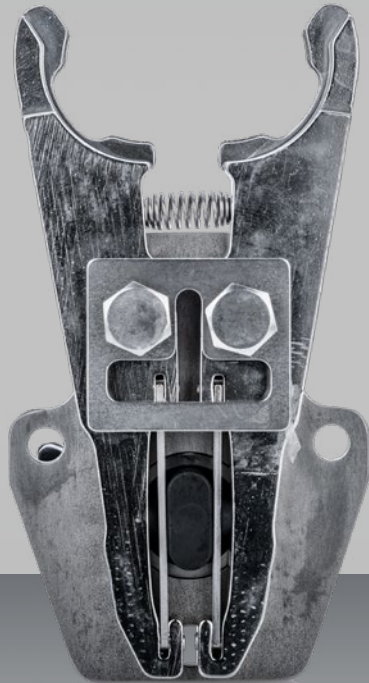
22



26
PARTS



41
PARTS



19
PARTS



36
PARTS



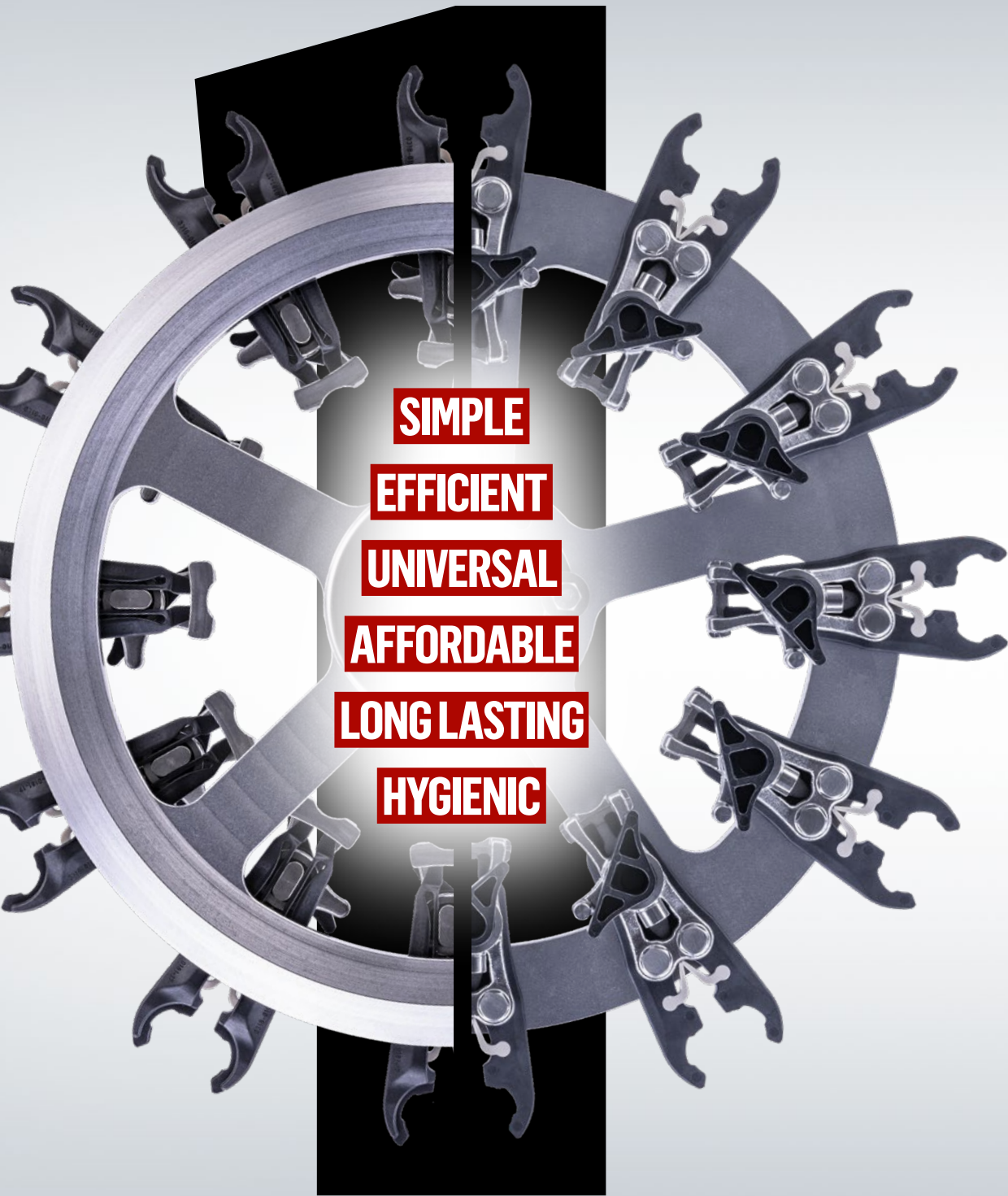
6
PARTS



6
PARTS

23

NECK#1



A circular tool assembly with multiple black and silver components arranged around a central hub. The components are connected by a central vertical rod. The background is black.

SIMPLE

EFFICIENT

UNIVERSAL

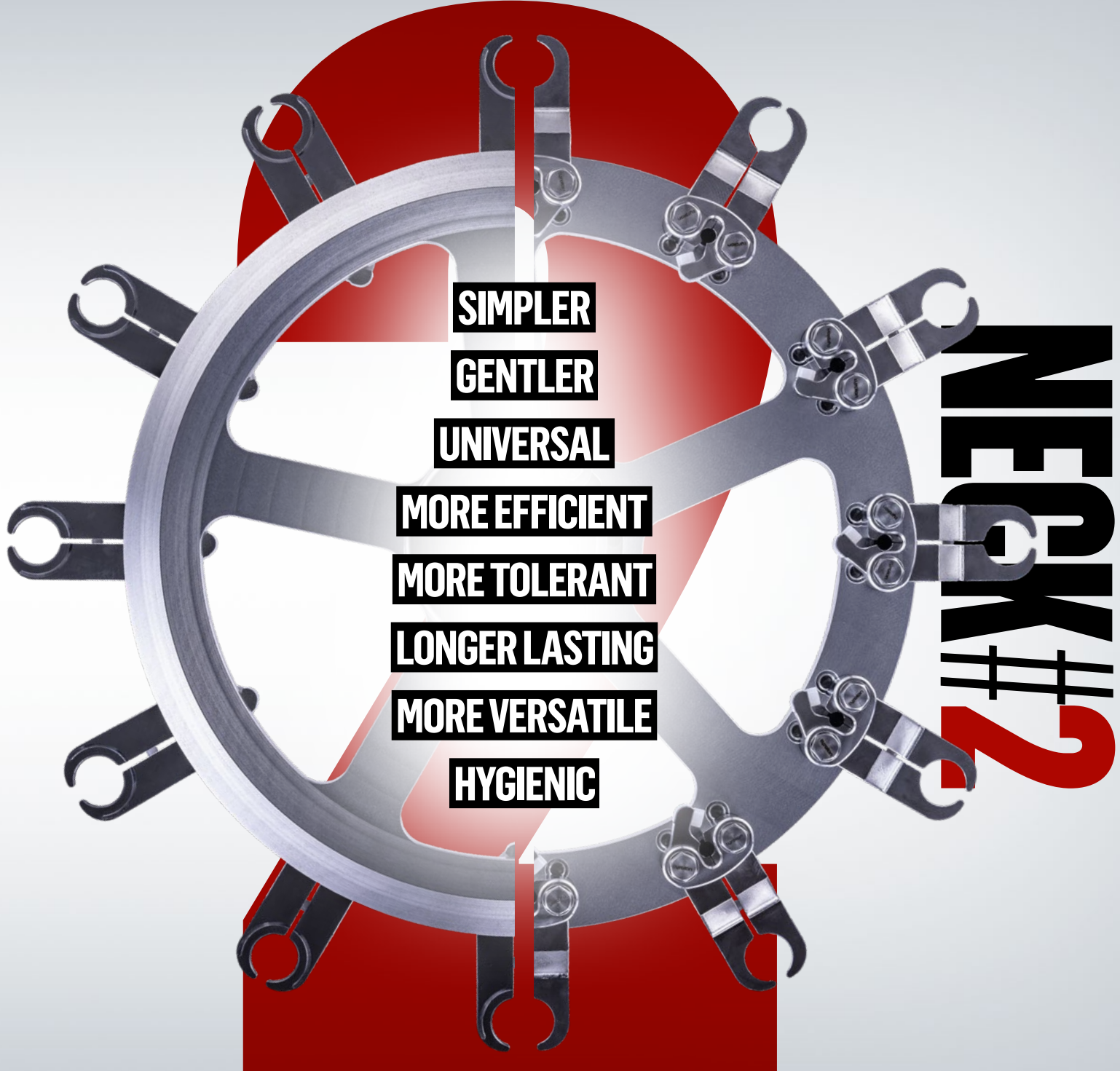
AFFORDABLE

LONG LASTING

HYGIENIC

VS

NECK#2



A circular tool assembly with multiple black and silver components arranged around a central hub. The components are connected by a central vertical rod. The background is red.

SIMPLER

GENTLER

UNIVERSAL

MORE EFFICIENT

MORE TOLERANT

LONGER LASTING

MORE VERSATILE

HYGIENIC



USED BY LEADING MANUFACTURERS

Global leaders of the beverage industry such as **Coca-Cola**, **Pepsi**, **Nestlé**, **Suntory** & **many more** bank on tyrolon® NECK handling technology. Years of research and development in cooperation with our customers and their laboratories have steadily improved our designs & materials.

[tyrolon.cc]



tyrolon

bottling efficiency

EN

6395 HOCHFILZEN | AUSTRIA | +43 5359 721 | OFFICE@TYROLON.CC | WWW.TYROLON.CC