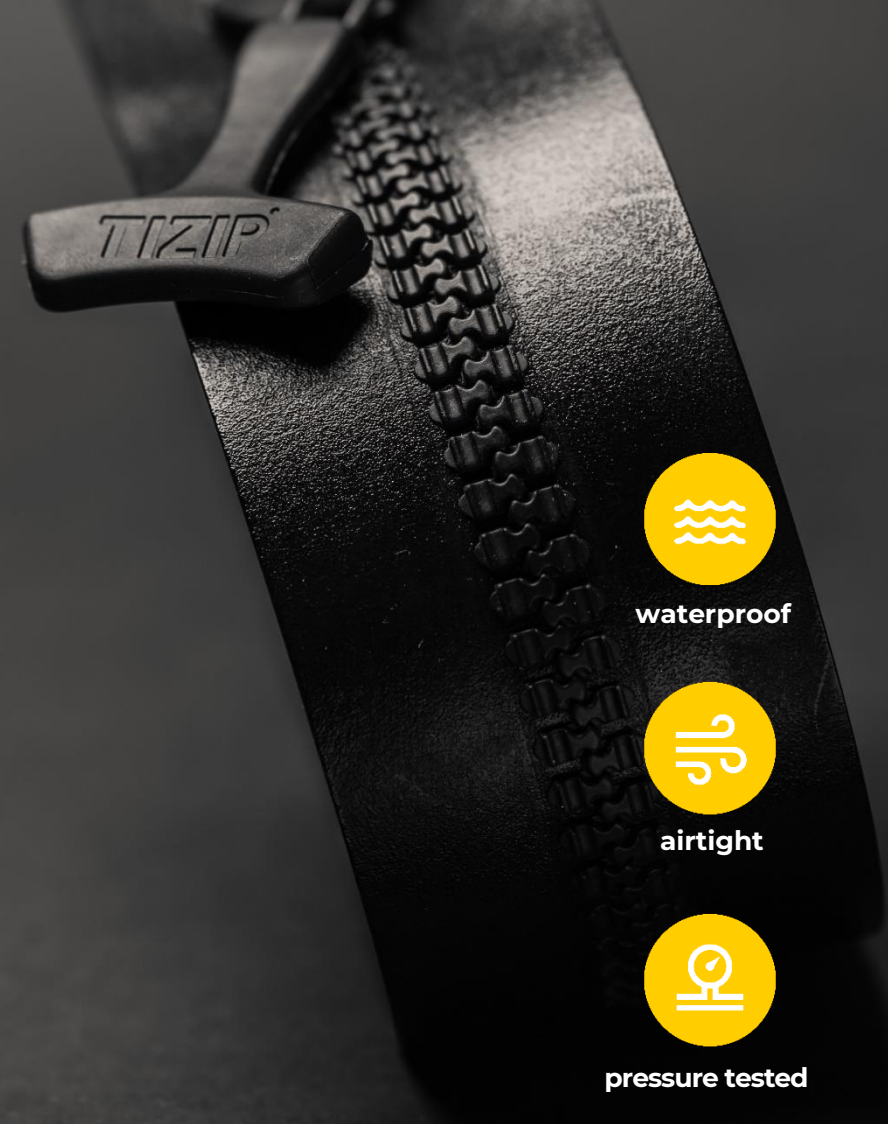


MASTERSEAL 10

▪ VERSIONS	2
▪ TECHNICAL DATASHEET	3
▪ APPLICATIONS	4
▪ MAINTENANCE	5
▪ CONFIGURATION	6



PREMIUM WATERPROOF ZIPPERS MADE IN GERMANY



waterproof



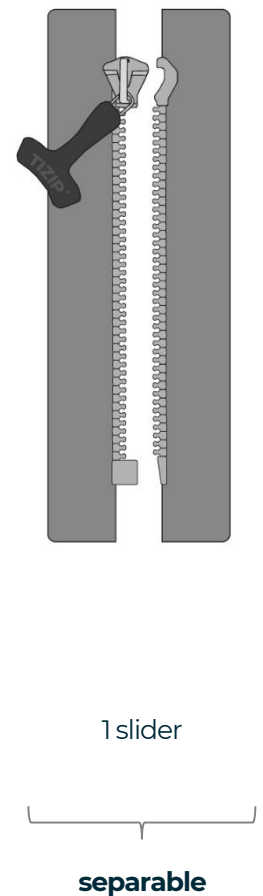
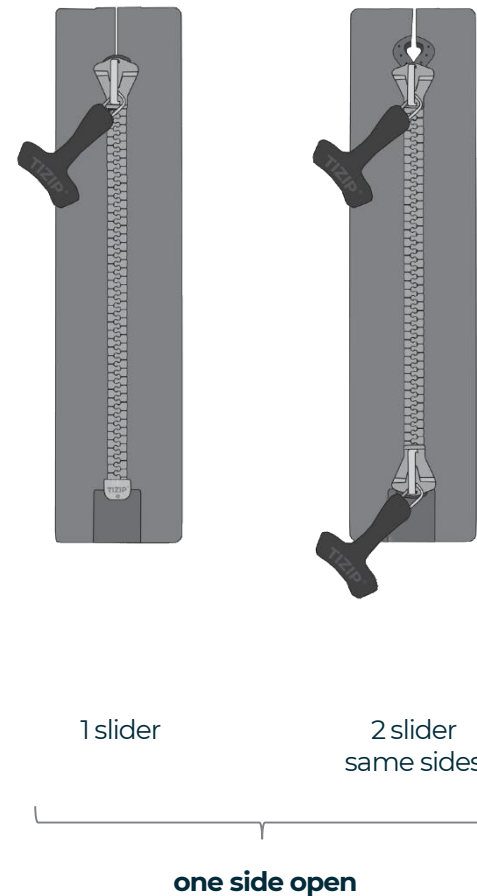
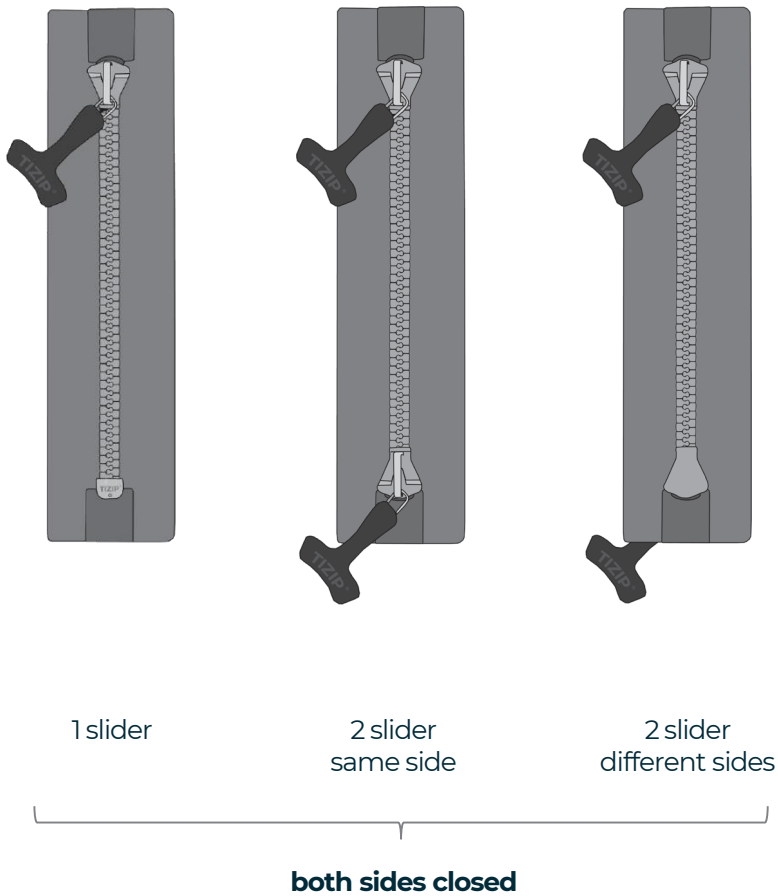
airtight



pressure tested

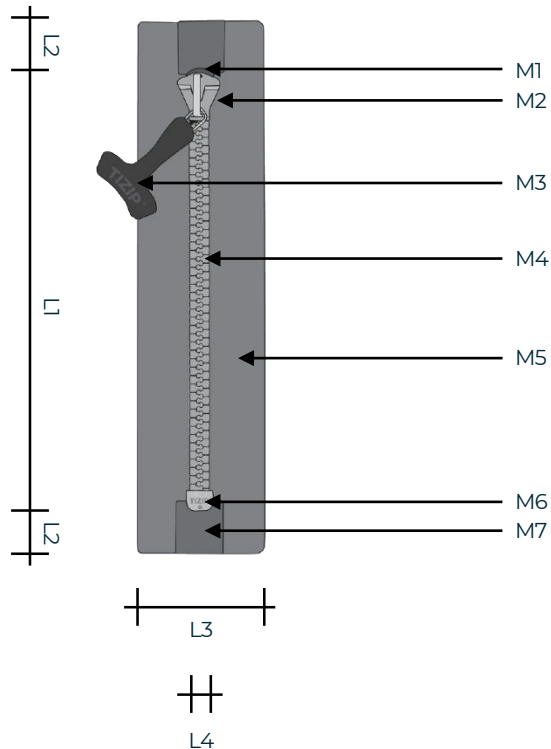
MASTERSEAL 10

VERSIONS



MASTERSEAL 10

TECHNICAL DATASHEET



Geometry*

- L1 Order length: 130 - 7.000 mm
- L2 Overhang length: 16 mm / 25 mm
- L3 Tape width: 50 mm / 70 mm
- L4 Chain width: 10 mm

Material*

- M1 Docking End: Thermoplastic Polyurethane
- M2 Slider: Polymer, Metal
- M3 Puller: Thermoplastic Polyurethane
- M4 Chain: Polyester
- M5 Tape: Polyurethan coated Polyester
- M6 End Stop: Thermoplastic Polyurethan
- M7 Pattern: Polyurethan coated Polyester

Parameter*

- ☔ Sealing strength: 500 mbar
- ↔ Cross tension: 200 N/cm
- 🌡️ Temperatur: -30° to +70° C

Installation*

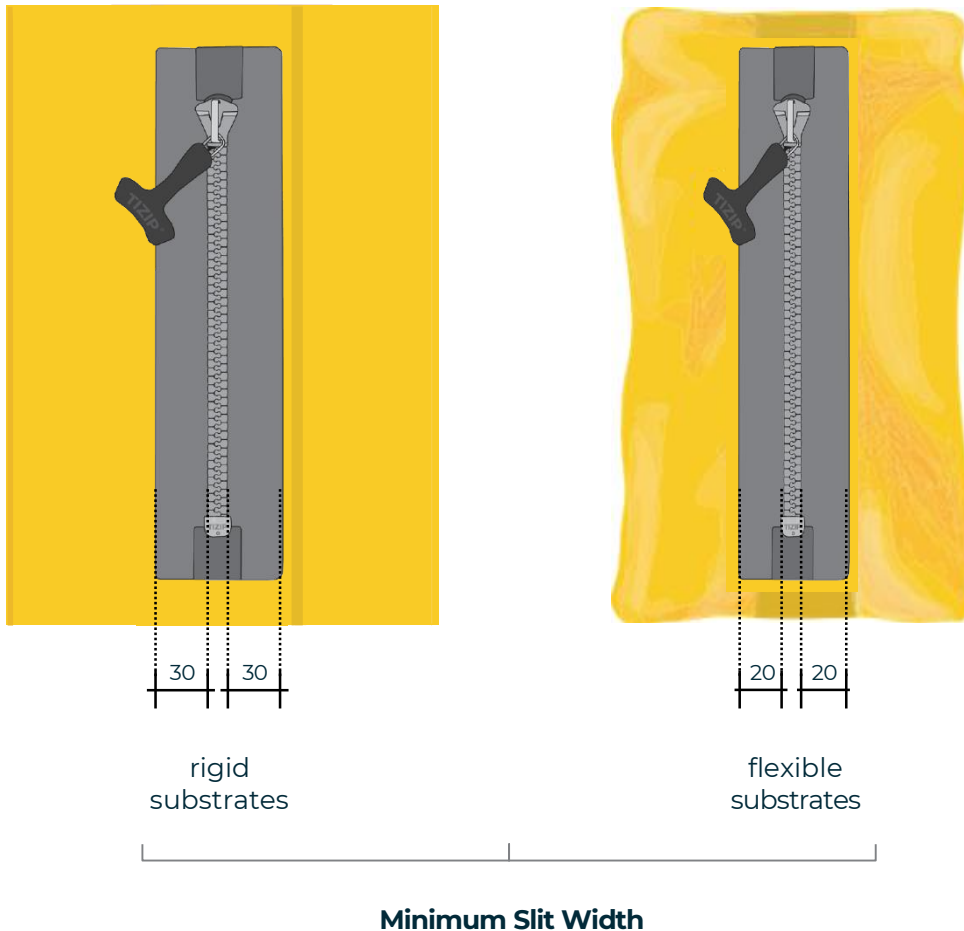
HF welding, sewing/taping, gluing

*configuration-dependent target values

MASTERSEAL 10



APPLICATIONS / DURABILITY / INSTALLATION



Applications

- Diving Suits
 - Waders
 - Inflatable objects
- } Water Sports
- Motorcycle jackets & pants
 - Hiking- / skiing jackets & pants
 - Protective & survival
 - Shoes
- } Clothing
- Tents, covers
 - Backpacks, duffel bags, cooler bags
 - Other
- } Outdoor

Durability

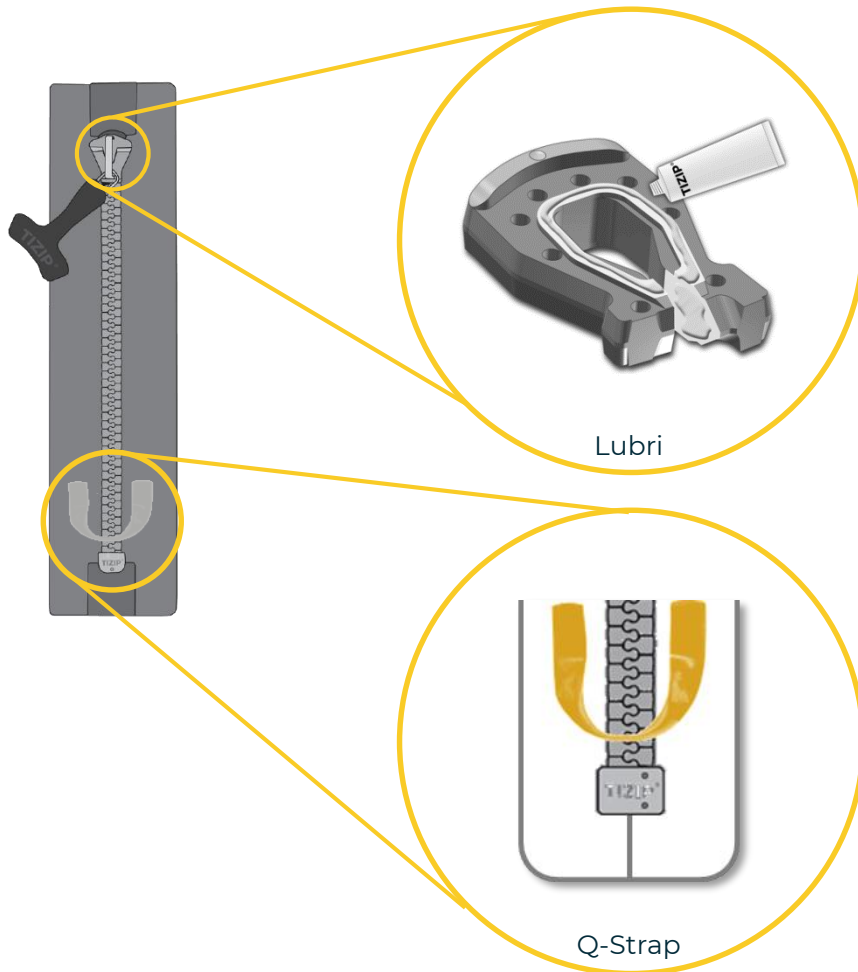
- Weather-resistant
- Suitable for both freshwater and saltwater applications
- Oil and gasoline-resistant

Installation

- A minimum slit width of 20 mm is recommended for all types of substrates.
- With rigid substrates (fabric, foils, neoprene, etc.) the slit width should be increased to at least 30 mm.
- The zip must not be roughened for installation.
- The welding temperature, welding time, welding electrode and contact pressure must be optimally adjusted to the zipper (material, geometry, etc.). Tests are recommended before installation.

MASTERSEAL 10

BEST PRACTICE / CLEANING / STORAGE



Best Practice

- Operate the slide gently. Pulling at an angle can negatively affect the zippers, e.g. their tightness.
- Avoid overstretching the docking end and end pieces if necessary by using the optional Q-Strap. Do not pull the two sides of the zipper apart forcefully.
- Be careful not to fold or squeeze the zippers.
- Close each zipper carefully so that the slider lies correctly in the docking end to guarantee tightness.

Cleaning

- Dirt particles, especially between the teeth, can affect the sealing lip and thus negatively affect the tightness and durability.
- We recommend a light soapy water and a fine brush.
- Do not use solvents or aggressive cleaning agents as these negatively affect the function of the zipper.

Lubrification

- MasterSeal zippers need to be lubricated from time to time.
- Apply gently the lubricating grease in the area of the docking end on the front and back, as well as on the inside at the transition to the zip chain.
- Do not use grease along the zipper chain.
- Remove remaining lubricating grease to avoid stains.
- Use the original TIZIP® lubricating grease.

Storage

- TIZIP® zippers should be stored completely closed, dry, clean and without bending.

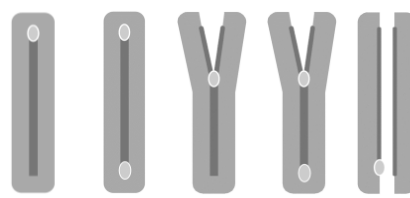
MASTERSEAL 10

CONFIGURATION



1.0 Tape

1.1	Overhang	25 mm
1.2	Overhang	16 mm
1.3	Overhang (with secure lock puller)	19/33 mm
1.4	Overhang (customized)	25 - 50 mm
1.5	Width	50 mm
1.6	Width	70 mm
1.7	Optic	plain
1.8	Optic	structured
1.9	Optic	custom



<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Standard Option

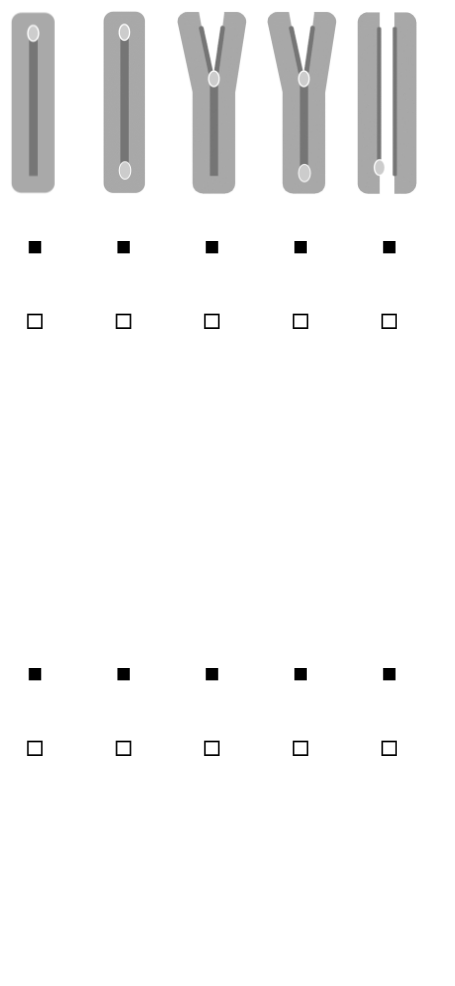
MASTERSEAL 10

CONFIGURATION



2.0 Pattern

- 2.1 Position front side
- 2.2 Position back side



	Black	RAL 7016	Pantone 000 C	Pantone 7501 C	Pantone 7497 C	Pantone 2426 C	Pantone 18-1555	Pantone 2174 C	Pantone 13-0752	Customized ²
2.1 Position front side	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Position back side	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.1 Regular Quality 200 N/cm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.1 Performance optimized Easy operation & durability 160 N/cm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Standard Option

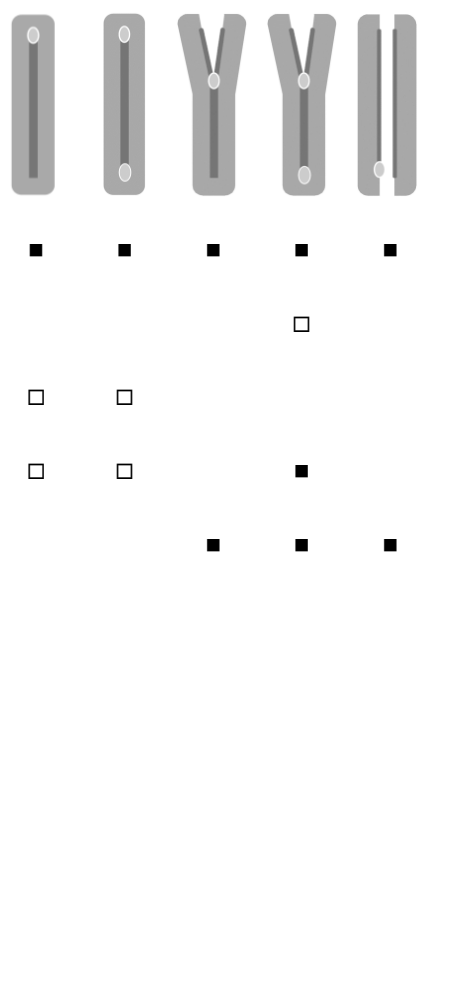
MASTERSEAL 10

CONFIGURATION



4.0 Slider

- 4.1 Position slider #1 front side
- 4.2 Position slider #2 back side
- 4.3 Performance optimized Polymer 0,5 bar
- 4.4 Performance optimized Metal 0,5 bar
- 4.6 Performance optimized & brake system Metal 0,0 bar



■ Standard □ Option

MASTERSEAL 10

CONFIGURATION



5.0 Puller

										Black	RAL 7016	Pantone 000 C	Pantone 7501 C	Pantone 7497 C	Pantone 2426 C	Pantone 18-1555	Pantone 2174 C	Pantone 13-0752	Customized ²	
5.1	TIZIP-Logo Metal mount	35 mm		■	■	■	■	■	■	■	□	□	□	□	□	□	□	□	□	□
5.2	TIZIP-Logo Metal mount	25 mm		□	□	□	□	□	■	□	□	□	□	□	□	□	□	□	□	□
5.3	TIZIP-Logo Cord mount	35 mm		□	□				■	□	□	□	□	□	□	□	□	□	□	□
5.4	TIZIP-Logo Cord mount	25 mm		□	□				■	□	□	□	□	□	□	□	□	□	□	□
5.5	Cord mount Length	12 mm		□	□				■	□	□	□	□	□	□	□	□	□	□	□
5.6	Cord mount Length	14 mm		□	□				■	□	□	□	□	□	□	□	□	□	□	□
5.7	TIZIP-Logo Webbing mount	35 mm		□	□			□	■	□	□	□	□	□	□	□	□	□	□	□
5.8	TIZIP-Logo Webbing mount	10 mm		□	□			□	■	□	□	□	□	□	□	□	□	□	□	□
5.9	TIZIP-Logo Webbing mount & secure lock	35 mm		□					■	□	□	□	□	□	□	□	□	□	□	□
5.10	TIZIP-Logo Belt mount	70 mm		□	□			□	■	□	□	□	□	□	□	□	□	□	□	□

■ Standard □ Option

MASTERSEAL 10

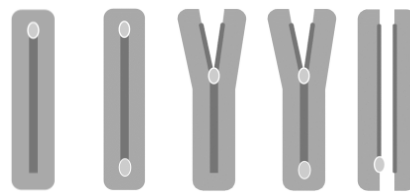
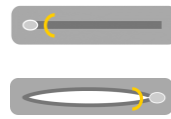
CONFIGURATION



6.0 Options

- 6.1 Q-strap Reinforcement
- 6.2 Q-strap Reinforcement
- 6.3 Pin-Box Left handling
- 6.4 Puller Customized Logo
- 6.5 Welding electrode

docking end
bottom stop



Black	RAL 7016	Pantone 000 C	Pantone 7501 C	Pantone 7497 C	Pantone 2426 C	Pantone 18-1555	Pantone 2174 C	Pantone 13-0752	Customized ²
-------	----------	---------------	----------------	----------------	----------------	-----------------	----------------	-----------------	-------------------------

■ Standard □ Option

MASTERSEAL 10

WWW.TIZIP.COM



Copyright © 2020

- Contents are subject to German copyright law.
- Duplication, processing, distribution require the written consent of TITEX.
- Copies are not permitted for commercial use.

Titex Vertriebs-GmbH

- Rainstrasse
- D- 91560 Heilsbronn
- info@tizip.com | www.tizip.com

Follow us on social media

