FIDLOCK®

WINCH Assembly Guide

momentum

elegance

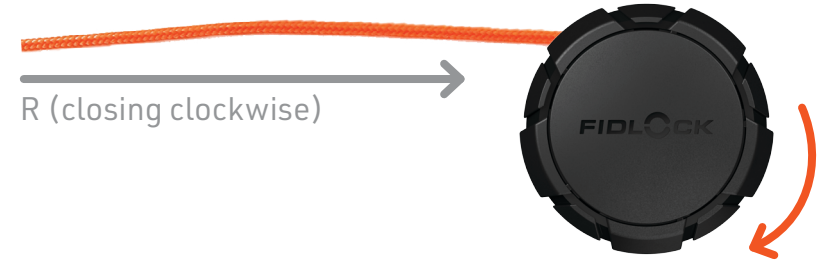**handle**
female

base
male

lace guides, eyelets and laces are
NOT included in scope of delivery

CCW and CW version available:
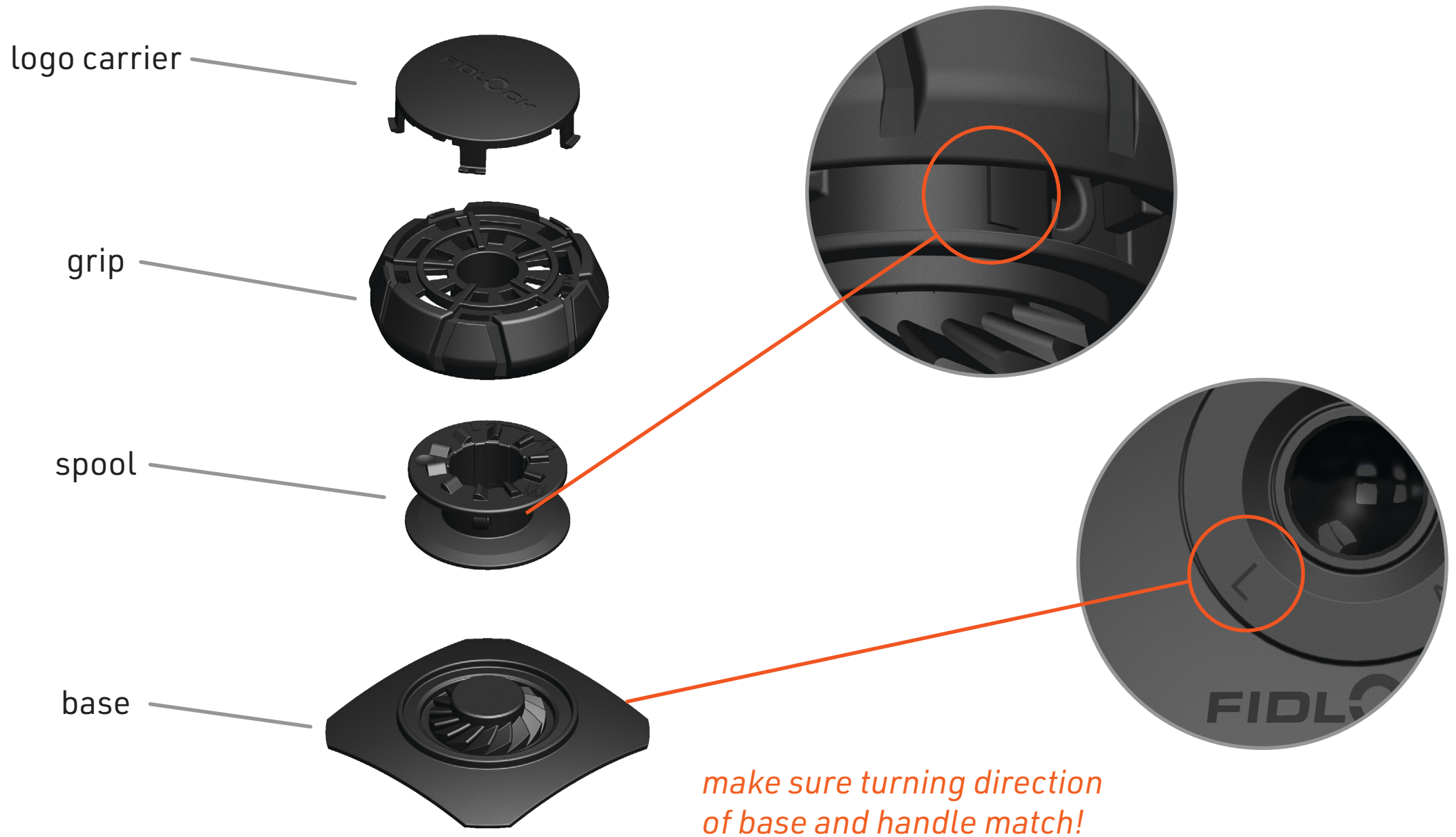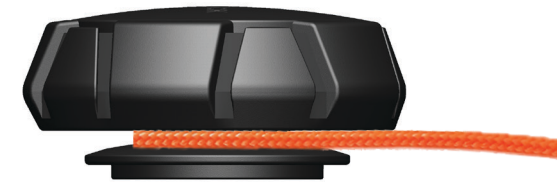seperate or as set

L (closing counter clockwise)
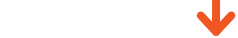
R (closing clockwise)

available handle versions:

momentum   *elegance*

logo carrier

grip

spool

base

make sure turning direction of base and handle match!

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tightening
by turning handle
counter clockwise

engaging
of base and handle
by magnetic attraction
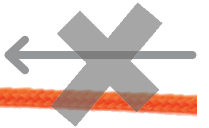
ratcheting
by turning handle
clockwise

Attention: lace will always pull in the
direction of closing
make sure to choose version turning
the direction which is most sufficient
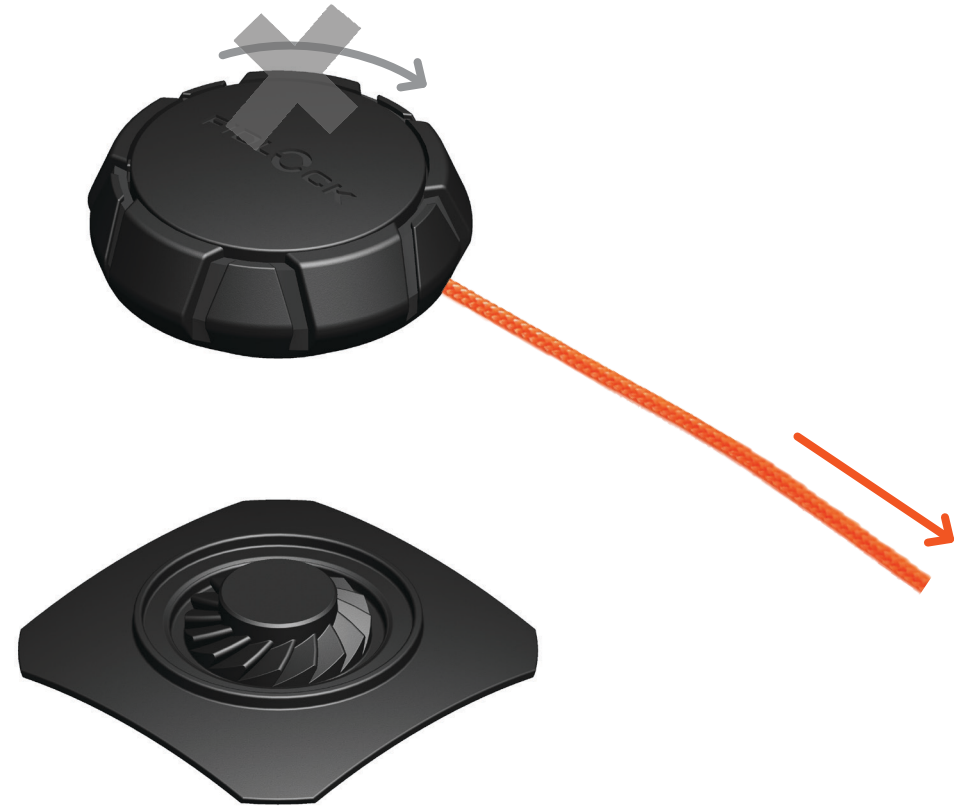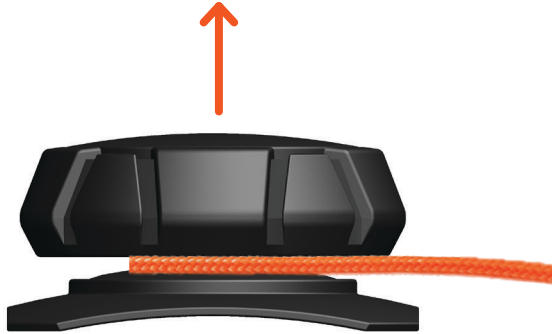for your lacing design

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detaching
by simply pulling or tilting
handle off the base

unspooling
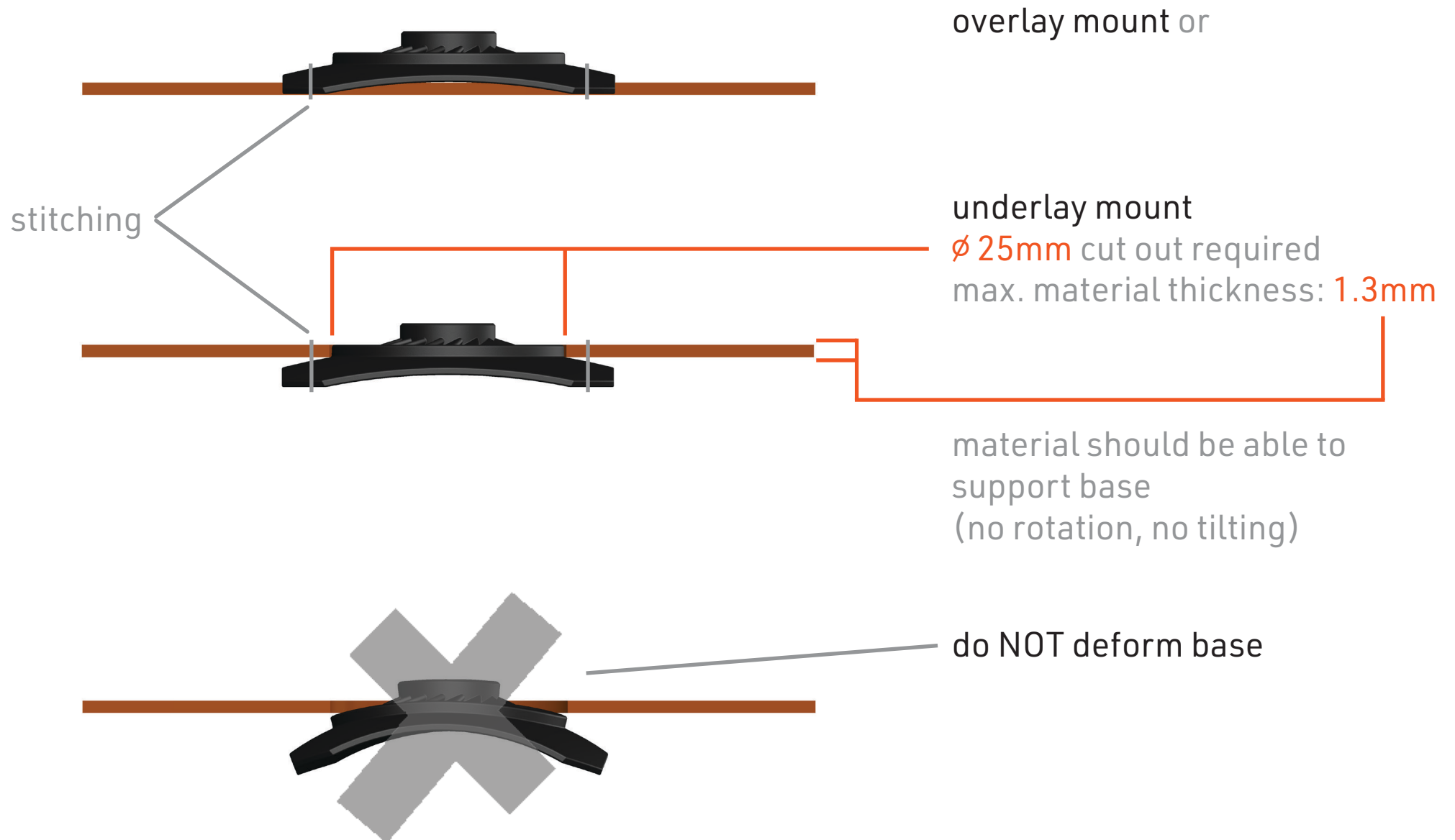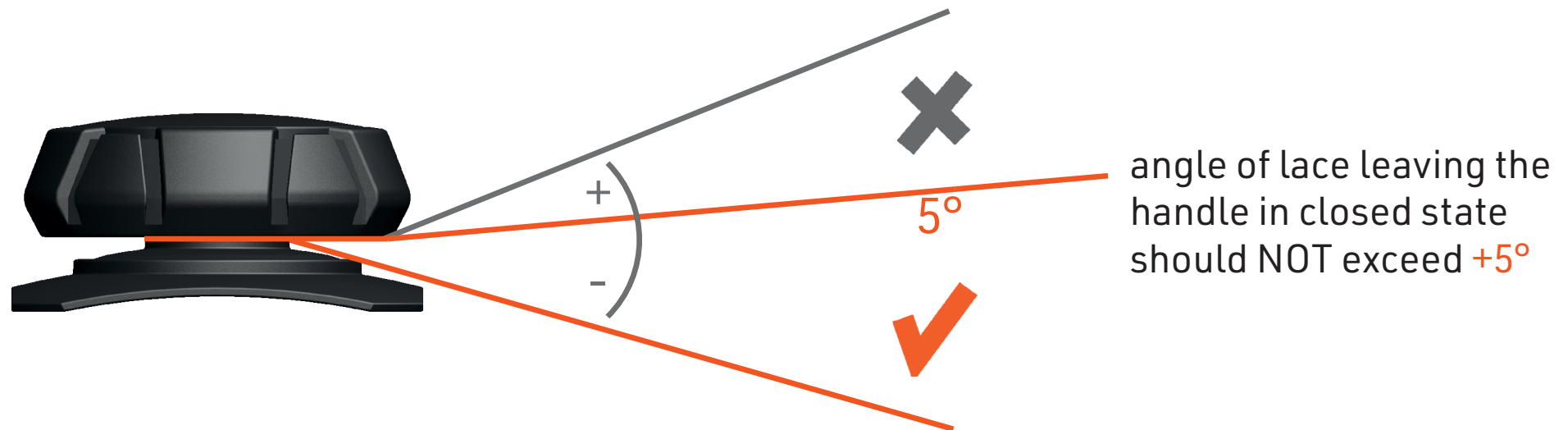by itself once handle
is detached from base

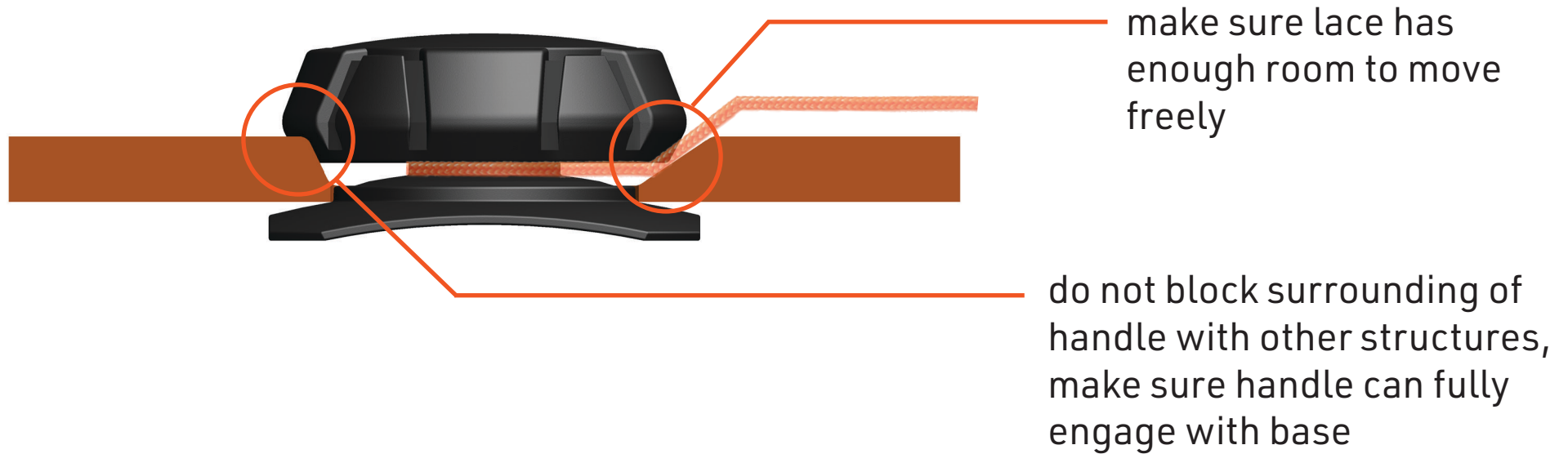assembly by **stitching** through plastic
we recommend:
use leather needle
if hard to stitch - soak base in water for a couple of hours

do NOT cover this area
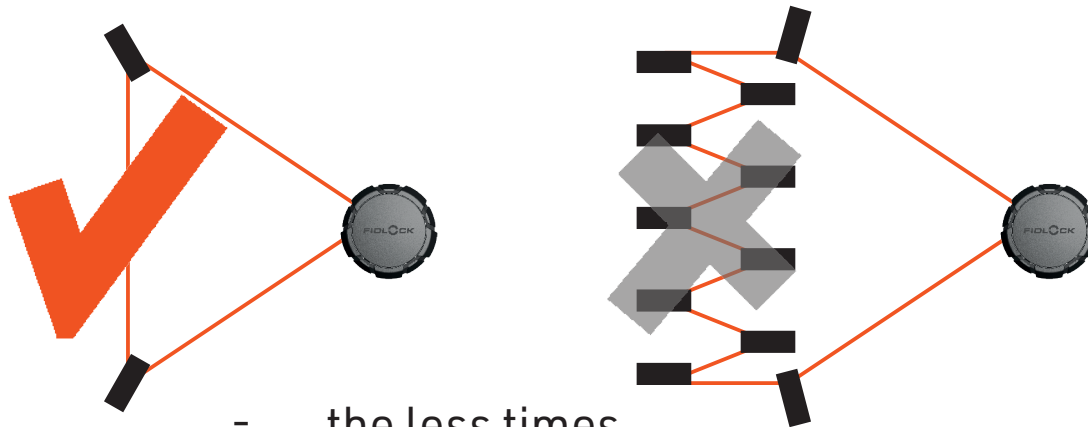
do NOT heat above 80°C
magnet inside

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overlay mount or

stitching

underlay mount
∅ 25mm cut out required
max. material thickness: 1.3mm

material should be able to
support base
(no rotation, no tilting)

do NOT deform base

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make sure lace has enough room to move freely

do not block surrounding of handle with other structures, make sure handle can fully engage with base

angle of lace leaving the handle in closed state should NOT exceed +5°
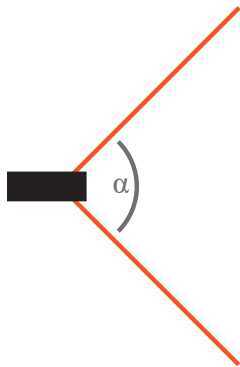
5°

laces move more freely:

- the less times
  the lace is redirected

- the flatter the angle of
  each redirection

- the lower the friction
 between lace and lace
  guide , plastic or webbing

Attention!
lace will always pull in the
direction of closing

make sure to choose version
turning the direction which
is most sufficient for your
lacing design

make sure lace is pulled through lace guides easily
so pull is transmitted to all areas of lacing
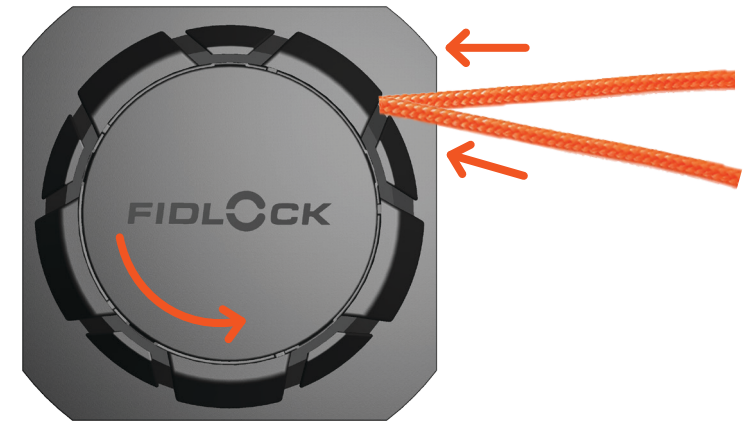
multiple lace attachment options possible
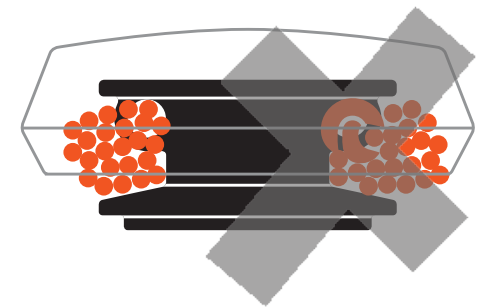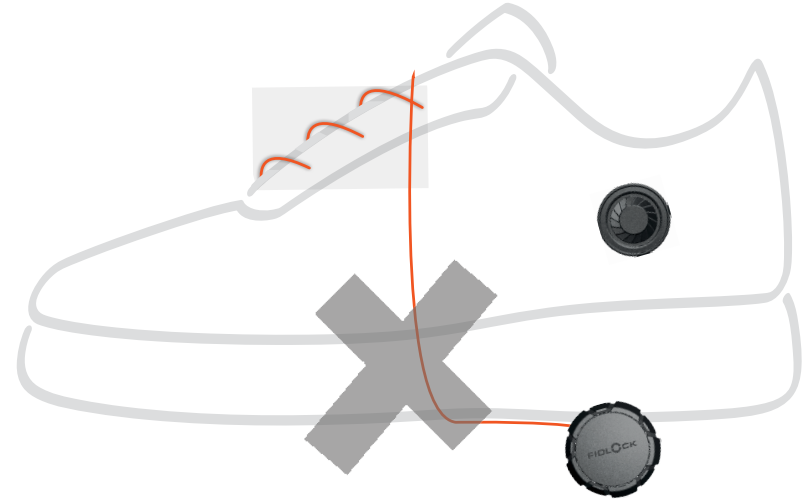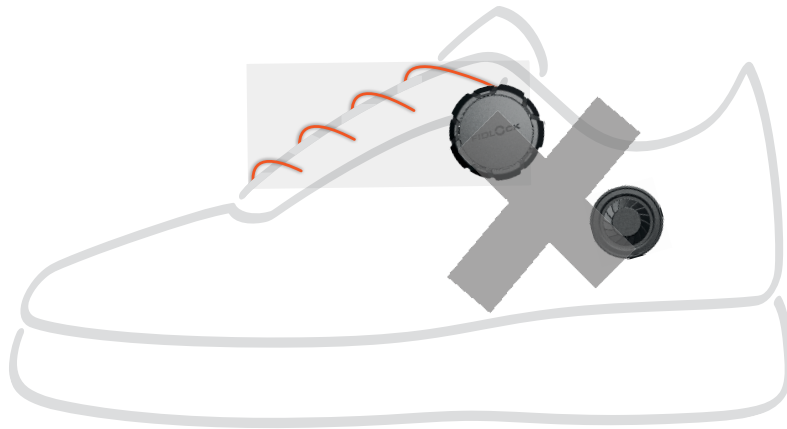max. lace diameter: 1.2 - 2.75mm
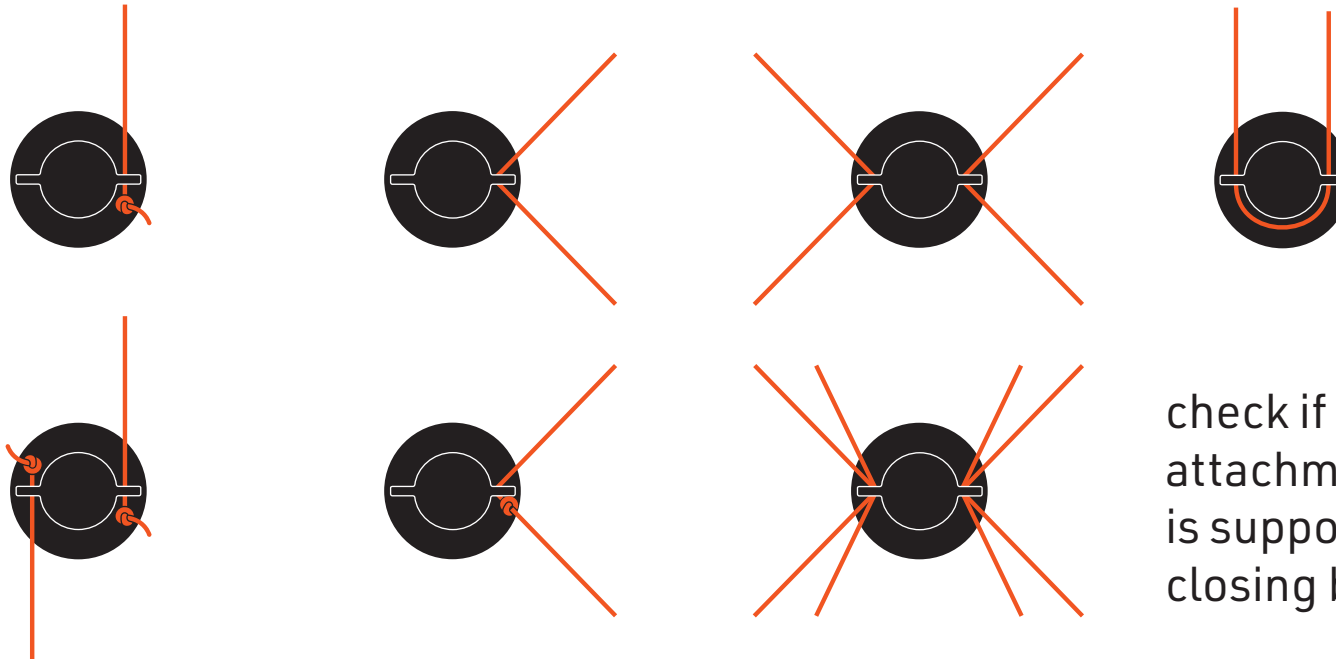
check if chosen lace
attachment method
is supporting proper
closing behavior

NOTE if using more than 1 lace:
all laces will be tightened by the SAME amount when closing

we recommend:
do not use too stiff laces to ensure smooth unspooling
do not use uncoated stainless steel wire to prevent abraison of plastic parts
do not use pure cotton lace to prevent abraison of lace

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① insert lace into eyelet against direction of pull

② make knot and trim tail

③ singe end of lace

④ make sure knot does not pull through eyelet

make sure knot does NOT interfere with handle when rotating

define lace length
as long as necesarry - make sure handle can attach to
base for closing

as short as possible - make sure fully closed the spool
can take all lace

check function !
conduct performance tests on applications in real conditions !