



speed reducer

Design & Function

domicet
est. 1978



domicet

SPEED REDUCER

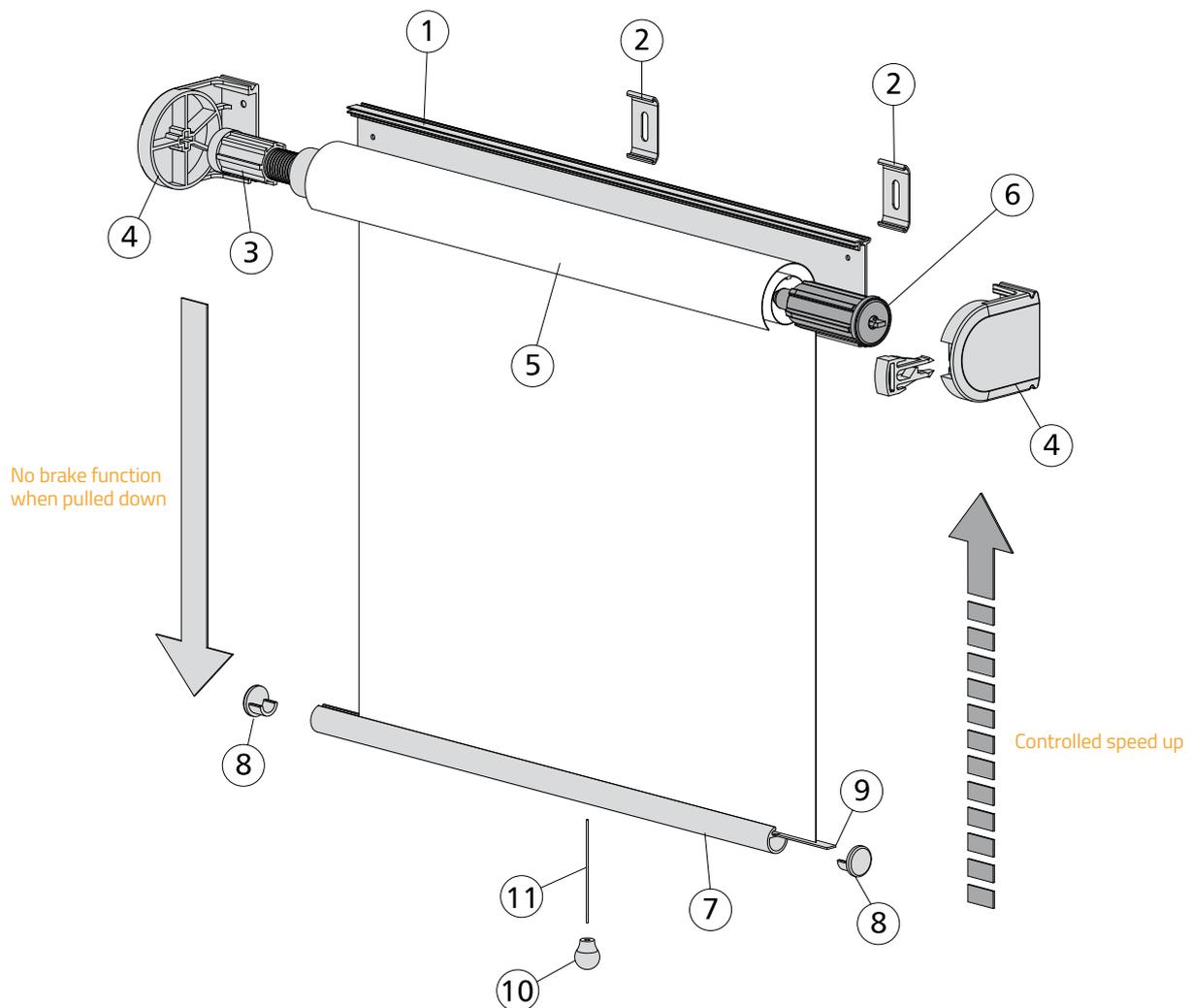
The Domicet speed reducer is designed and produced in Finland. It is suitable for Domicet 25, 28 and 32 mm steel and/or aluminium tubes and can be used for roller blinds, roman blinds, insect screen doors, car industry, mobile homes etc. We offer two versions of the speed reducer: with stop and without stop.

The Domicet speed reducer is used together with a Domicet spring mechanism. The Domicet speed reducer is a braking system that works with centrifugal force. It reacts on the lifting speed of the roller blind and keeps the speed controlled. After releasing the stop of the spring mechanism the blind will rise slowly to the top.

Due to the construction of the speed reducer it does not make the pulling down of the roller blind heavy as the braking power only works in one direction.

Our tests have shown a very long lifetime for the speed reducer in normal use, i.e. at least as long as the lifetime of our spring mechanism.

The speed reducer is designed for all Domicet spring mechanisms in 25, 28 and 32 mm. The bracket used for the speed reducer is the plastic bracket 550 25 211.



Components for roller blind with speed reducer

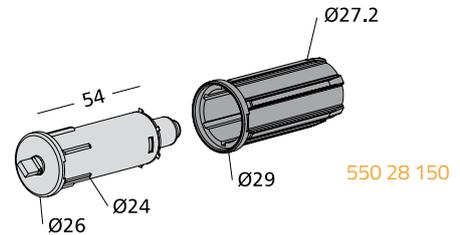
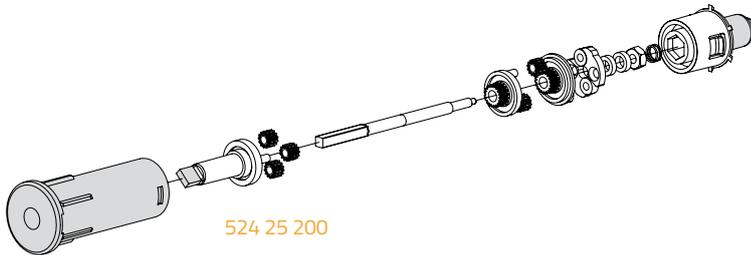
Code	Item
1.	560 25 202 Fitting rail
2.	560 00 100 Fixing clip
3.	522 25 300 Spring mechanism
4.	550 25 211 Security bracket set
5.	542 25 000 Steel tube with tape
6.	524 25 100 Speed reducer

Code	Item
7.	532 00 021 Bottom rail
8.	532 00 023 End plug
9.	532 00 322 Mounting tape
10.	532 00 001 Acorn tassel
11.	440 20 000 Cord

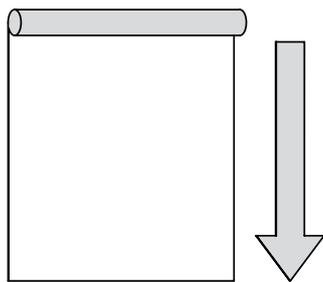
Speed reducer & adapter

The Domicet speed reducer is available for 25 mm and with adapter for 28 and 32 mm tubes. We offer two versions: with stop and without stop.

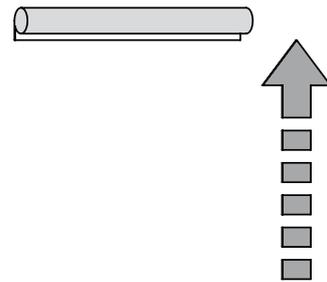
Code	Packing	Description
524 25 100	100 pcs	Speed reducer Ø 25 mm without stop
524 25 200	100 pcs	Speed reducer Ø 25 mm with stop
550 28 150	100 pcs	Adapter for Ø 28 mm tubes
550 32 150	100 pcs	Adapter for Ø 32 mm tubes



Speed reducer without stop

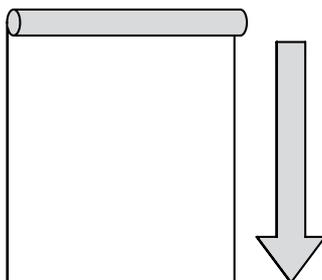


1. The speed reducer without stop brings the roller blind all the way up after releasing the stop of the spring mechanism.

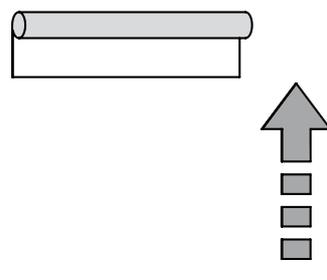


2. Release the stop of the spring mechanism and the roller blind goes up slowly all the way.

Speed reducer with stop

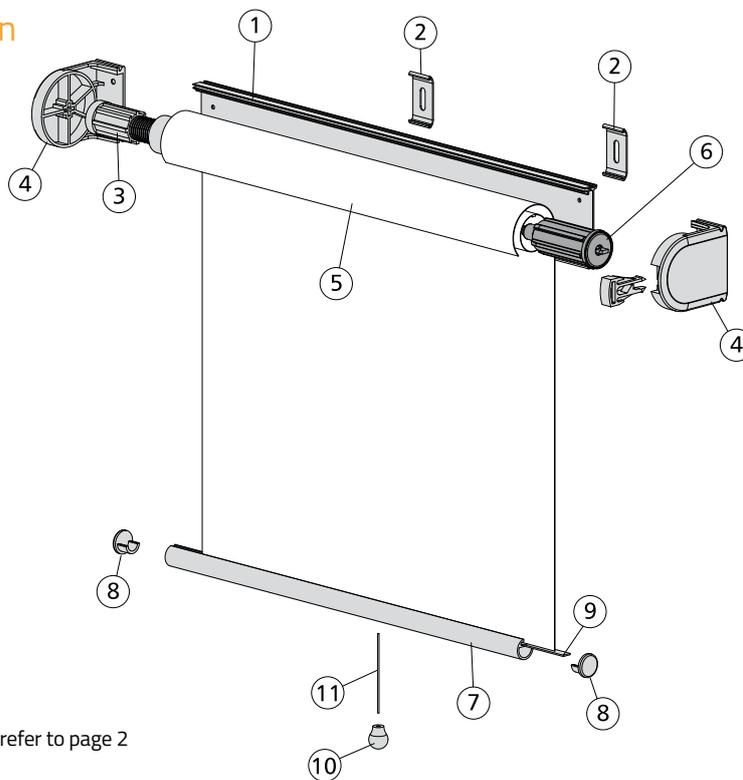


1. By using a speed reducer with stop it is possible to fix the end stopping position of the roller blind at any height. After releasing the stop of the spring mechanism the blind will rise slowly to the desired end stop position of the roller blind.

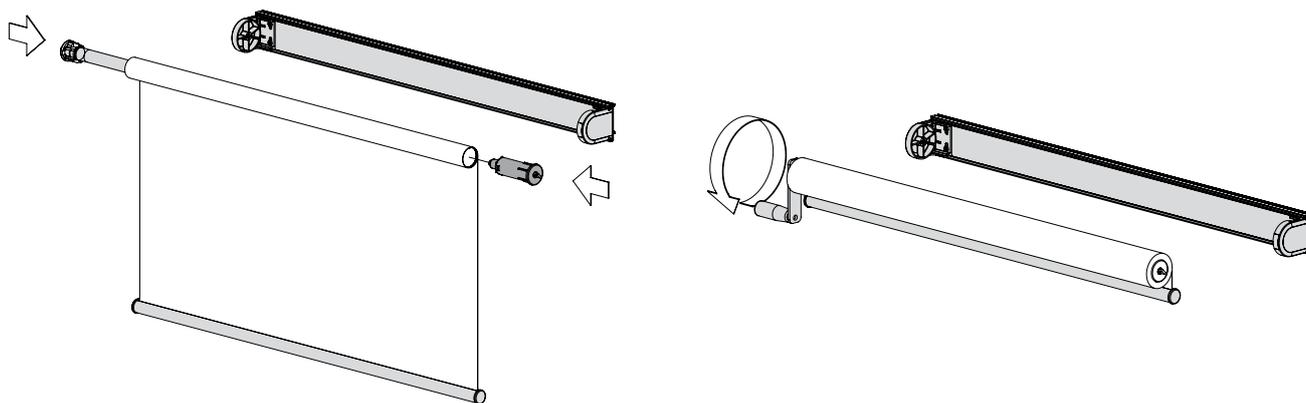


2. Release the stop of the spring mechanism and the roller blind goes slowly to the preadjusted stopping position.

Mounting instruction



For the list of components, please refer to page 2



Mounting instruction for Domicet speed reducer WITHOUT STOP (the roller blind goes slowly all the way to the top).

1. Mount the components in the blind as in the sketch above, fix the brackets to the fitting rail with screws. When putting the speed reducer into the tube make sure you are not using any force on the end pin of the speed reducer.
2. Pretension the spring with 7–12 turns (3 kg spring mechanism).
3. Put the blind into the brackets and pull it down 1,5 m, release the stop of the spring mechanism and let the blind roll up freely.
4. If the fabric does not roll onto the tube completely, take the blind down from the brackets and roll the remaining fabric on the tube by hand.
5. Put the blind back on the brackets and test the stopping height. If the stopping height needs to be adjusted, repeat phases 3–4.

Mounting instructions for Domicet speed reducer WITH STOP (the roller blind goes to the preadjusted stop position).

1. Mount the components in the blind as in the sketch above, fix the brackets to the fitting rail with screws. When putting the speed reducer into the tube make sure you are not using any force on the end pin of the speed reducer.
2. The speed reducer with stop is pre-adjusted to the stop position in the production. This adjustment can easily be changed to any desired stopping height.
3. Pretension the spring with 7–12 turns (3 kg spring mechanism).
4. Pull the fabric down and release the stop of the spring mechanism and let the blind roll up freely. If the stop position is not as desired pull the fabric down to the desired stopping height and continue to step 5.
5. Take down the blind from the brackets and bring the speed reducer to the stop position: Turn the pin of the speed reducer clockwise until you can't turn anymore. Don't use any force.
6. Mount the blind back on the brackets and test the stopping position as in the step 4. It should now stop at the chosen height.
7. If the stopping position is not correct, repeat phases 4–6.