

A full-body photograph of a smiling man with glasses and a bald head, standing in a doorway. He is wearing a white t-shirt and blue trousers. His right arm is a prosthetic, with a black sleeve and a realistic-looking hand. He is holding the door frame with his prosthetic hand. The background shows a stone wall and a colorful rug.

ottobock.

## **speedhand solution.**

### Durable strength with real-time control.

Introducing a next-generation prosthetic solution that combines trusted reliability with modern control and connectivity. At its core, the **speedhand** paired with **modular wrists**, the **myosmart** control, the **myosmart cuff** and the **connectgrip** app delivers an unmatched level of functionality and ease of use. This complete solution empowers users with customized, precise control through a single, seamless grip and provides professionals with an elevated fitting experience. With its innovative control system and app-based interface, this solution redefines what's possible, offering both users and clinicians a higher standard of confidence, convenience, and performance.

#### **For users:**

- Proven strength, speed, and durability
- More natural movements and fitting options due to **modular wrist** units
- Adjustable neutral position and AutoGrasp function
- Minimized motor sounds
- Customizable control personalized for each user
- **connectgrip** app enabling independent personalization and adjustments for everyday use

#### **For professionals:**

- That's been trusted for decades
- **modular wrists** supporting a range of build heights
- Suitable for below and above elbow fittings
- Up to 4 inputs, enabling excellent proportional control
- Signal separation issues reduces by **myosmart** and electrode configuration
- Guided app setup that can enhance training and fitting efficiency
- Comprehensive ottobock portfolio of upper limb components with clinical and technical support.

## speedhand solution.

Trusted reliability  
tailored to your user.

### 1. Trusted reliability

**speedhand** offers the speed, strength & durability users have always needed most.

### 2. Minimized motor sounds

Further minimize noise during use makes it the quietest **speedhand** yet.

### 3. AutoGrasp thumb sensor

The automatic AutoGrasp function detects when an object starts to slip and automatically tightens the grip, helping users maintain control effortlessly.

### 4. Automatic neutral position

With the **myosmart** control, the **speedhand** can be positioned in the neutral position – ideal for everyday use.

### 5. modular wrists

More functional options let you fit even more users.

### 6. myosmart

Precisely customize up to 4 inputs, giving users personalized control. Familiar fittings with a new level of versatility.

### 7. connectgrip app

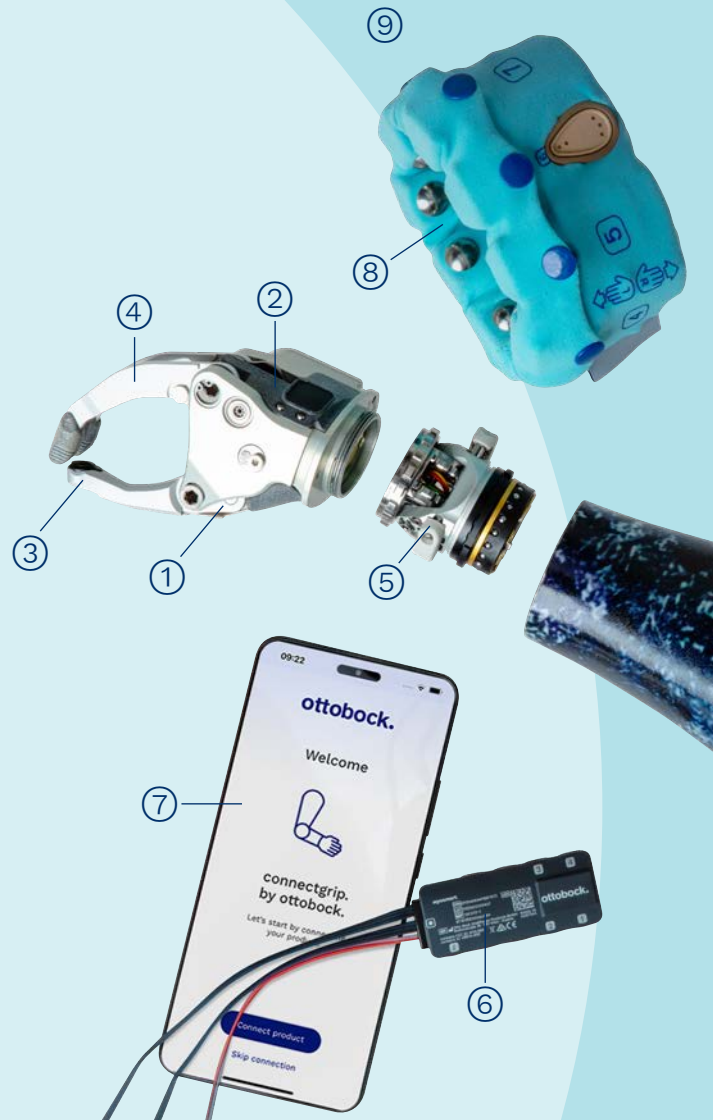
Optimal flexibility in customizing users' myosignals, providing a seamless and personalized prosthesis control to enhance user outcomes.

### 8. myosmart cuff

Visualize muscle signals and pinpoint electrode positions in real time with digital precision to optimize training and fitting processes. Users can also experience prosthesis control in action with the **myosmart cuff** and a demonstrator.

### 9. speedhand solution

Customizable performance for you and your user – the complete **speedhand** solution gives you both the power to precisely fine-tune the prosthesis.



## Technical data

### speedhand

|                                   |   |
|-----------------------------------|---|
| Article number                    | 8E2=*-0 speedhand (without sensor)<br>8E2=*-1 speedhand (with sensor)<br>Available sizes: XS, S, M, L |
| Opening width                     | 80 to 100 mm  |
| Operating voltage                 | 6,5V – 8,2 V  |
| Static current                    | 2 mA  |
| Proportional speed                | 15 to 300 mm/sec  |
| Max. actuating force              | 450 N (max. load hand with wrist)   |
| Proportional gripping force       | 105 ± 15 N  |
| Glove cover options for speedhand | 8S11=*, 8S11N=*<br>8S12=*, 8S12N=*<br>8S13=*, 8S13N=*   |

### modular wrists

**wrist flex**  
10V61=1



**wrist eqd**  
10V62=1



**wrist short**  
10V63=1



**wrist transcarpal**  
10V64=1



### myosmart

13E522 (one size)

### connectgrip

available in the App Stores

### myosmart cuff

757M20-2 (one size)

