

Sprinter.

The 1E90 **Sprinter** is intended for athletes with a body weight of up to 118 kg / 260 lbs and has proven itself in international competition as the sports foot of choice for outstanding performance.

Designed for optimal outcomes

- Distinguished by its low weight
- The spring contour provides high propulsion and low resistance
- Available in different stiffness variants corresponding to the body weight of the user

More than a foot. A foundation.

Technical data

Area of application	Jogging and sprints
Max. body weight	118 kg / 260 lbs
Size	Universal
Weight	550 – 675 g / 19.4 – 23.8 oz

Recommended combinations



3S80 Sport knee joint
3S80=1 Sport knee joint with low-viscosity oil

ottobock.



The **Sprinter** is also available as a custom fabrication and can be ordered via 1E96=SPR-CUSTOM. Please use the separate order form or contact Ottobock customer service.

1E90

Recommended combinations.

For TT fittings.

Stiffness chart

Stiffness version 1E90 Sprinter	Short-distance running Body weight	Long-distance running Body weight
SPR-1	40-52 kg/88-115 lbs	40-59 kg/88-130 lbs
SPR-2	53-63 kg/116-139 lbs	60-70 kg/132-154 lbs
SPR-3	64-79 kg/141-174 lbs	71-86 kg/157-190 lbs
SPR-4	80-95 kg/176-209 lbs	87-102 kg/192-225 lbs
SPR-5	96-111 kg/212-245 lbs	103-118 kg/227-260 lbs

For TF fittings.

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SPR-4	80-95 kg/176-209 lbs	87-100 kg/192-221 lbs
SPR-5	96-100 kg/212-221 lbs	-

4R210 TT test sport foot adapter & 4R208 TT definitive sport foot adapter

The 4R210 adapter (red) helps select the correct 1E90 **Sprinter** model. A clamping mechanism allows the adapter to be secured and released to determine the optimum position and height of the **Sprinter**. The clamp can be released as often as required. The 4R210 TT test sport foot adapter is replaced by the 4R208 TT definitive sport foot adapter in the definitive sport prosthesis. Both adapters can be used up to a maximum patient weight of 100 kg.



4R206 TF test sport foot adapter & 4R204 TF definitive sport foot adapter

The 4R206 adapter (red) is available to determine the proper structural height for the foot, so there is no need to cut the carbon spring foot to length multiple times to gradually reach the correct structural height. For alignment correction, the adapter has a corresponding adjustment option in the A/P direction. The 4R206 TF test sport foot adapter is replaced by the 4R204 TF definitive sport foot adapter in the definitive sport prosthesis.



3S80 Sport knee joint

A patented principle of rotation hydraulics is used in the 3S80 **Sport knee joint**. The 3S80=1 variant is particularly well suited for sports prostheses for children and prostheses used for sprinting.



For both.

2Z500 Universal sole & 2Z501 Spike sole

Two sole designs provide the necessary grip on different types of surfaces. The universal sole with a running shoe tread is suitable for running on a variety of surfaces, whereas the spike sole can be used for fast sprints, especially on an all-weather track.

