

Nexgear Tango ankle. 17AD300.

Dynamic. Modular. Powerful.

Thanks to its comparatively high energy return, the modular, double action *Nexgear Tango ankle* joint offers the dynamic properties required for a more physiological gait.

More flexibility thanks to modular design

The *Nexgear Tango ankle* offers four different function modules: the Stop-module, the Spring-module, the Reaction-module and the Ultra-module. With these modules, the *Nexgear Tango ankle* can be adapted to the patient's individual needs at any time. Different springs can be used to accommodate different needs. Cushioning and a spring-mounted stop ensure silent stops of the joint. The joint can be used throughout the entire rehabilitation process, even as the patient's needs change.

Fit-Kit and test braces for user testing

The *Tango Fit-Kit* includes all four function modules in each size, all the springs and the required tools. During the fitting process modules and springs can be tested on the user with the test brace to find the proper setting and alignment.

Dummy kit

A tool case containing the tools required for orthosis fabrication is available, including reusable lamination dummies, shaping dummies and foot stirrup assembly aids.

Serviceable stirrup

The replaceable shim plates prevent abrasion on the foot stirrup and provide wear protection.

Indications

- Partial or total paralysis of the leg muscles
- Orthopaedic diseases of the lower limbs

ottobock.



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Article number	System width	Max. body weight		Material	Quantity unit
		unilateral	bilateral		
17AD300=14-T	14 mm	50 kg / 110 lbs	80 kg / 176 lbs	Titanium	1 piece
17AD300=14-ST	14 mm	50 kg / 110 lbs	80 kg / 176 lbs	Steel	1 piece
17AD300=16-T	16 mm	85 kg / 187 lbs	120 kg / 264.5 lbs	Titanium	1 piece
17AD300=16-ST	16 mm	85 kg / 187 lbs	120 kg / 264.5 lbs	Steel	1 piece
17AD300=20-T	20 mm	110 kg / 242.5 lbs	160 kg / 352.5 lbs	Titanium	1 piece
17AD300=20-ST	20 mm	110 kg / 242.5 lbs	160 kg / 352.5 lbs	Steel	1 piece

Available sides:

universally usable for either the left or right leg and either medially or laterally.

Available materials:

titanium (T), steel (ST)

The 17AD300 Nexgear Tango ankle joint includes the joint base body, the appropriate screws and blind caps, the axial washers and an upper (part) lamination dummy.

The following are not included in the scope of delivery and must be ordered separately:

- 17AD301=* *Stop-module*
- 17AD302=* *Spring-module*
- 17AD303=* *Reaction-module*
- 17AD304=* *Ultra-module*
(only available for sizes 16 and 20)
- 17AD305=* *Reaction-spring*, blue (strong)
- 17AD306=* *Reaction-spring*, yellow (extra strong)

- 17AD307=* *Ultra-spring*, grey (ultra-strong, only available for sizes 16 and 20)
- 17AD308=* *Spring dummy set*
- 17AD310=* *Shaping dummy set*
- 17AD312=* *Assembly tool set for 17SF300*
- 17AD313=* *Lamination dummy set*
- 17LS3=* *Lamination bar*
- 17SF300=* *Foot stirrup*, straight

Optional accessories:

- 17AD309=* *Tool set for dynamic adjustment of Reaction- and Ultra-module*
- 17AT1=1 *Test brace set*
(in combination with 17AT3=1 *Fit-Kit*)
- 17AT2=* *Test braces*
(in combination with 17AT3=1 *Fit-Kit*)
- 17AT3=1 *Fit-Kit for 17AD300*
- 17AT4=1 *Dummy kit for 17AD300*
(also available in 17MK1=1 *Nexgear set of dummies*)



Ultra-module



Reaction-module



Stop-/Spring-modules



strong



extra strong



ultra strong

Sizing and Fitting Options

		Size	10	12	14	16	20	10	12	14	16	20	10	12	14	16	20
Ankle joint	Bilateral fitting	17AD300 Nexgear Tango ankle	14		≤ 50 kg ≤ 110 lbs	≤ 80 kg ≤ 176 lbs				≤ 80 kg ≤ 176 lbs					≤ 50 kg ≤ 110 lbs	≤ 80 kg ≤ 176 lbs	
		16			≤ 85 kg ≤ 187 lbs	≤ 110 kg ≤ 242.5 lbs				≤ 120 kg ≤ 264.5 lbs						≤ 85 kg ≤ 187 lbs	≤ 110 kg ≤ 242.5 lbs
		20									≤ 160 kg ≤ 352.5 lbs						
	Unilateral fitting	17AD300 Nexgear Tango ankle	14		≤ 50 kg ≤ 110 lbs				≤ 40 kg ≤ 88 lbs						≤ 50 kg ≤ 110 lbs		
		16			≤ 85 kg ≤ 187 lbs				≤ 80 kg ≤ 176 lbs							≤ 85 kg ≤ 187 lbs	
		20				≤ 110 kg ≤ 242.5 lbs				≤ 110 kg ≤ 242.5 lbs							≤ 110 kg ≤ 242.5 lbs



Combinable



Combination possible if needed