Xtend Connect A100 Technical Specification

Xtend Connect is a patented quick coupler that allows the user to disassemble his/her prosthesis in parts to make it easier to change feet, change pants or just save space for example when traveling. Otherwise, Xtend Connect works just like any adapter and has the most common standard interfaces to fit most prosthetic products on the market.

Material

Xtend Connect is made of stainless steel. Screws are made of acid-proof steel and the locking wheel is made of polyamide.

Quick Fit Unit

The quick fit unit exists in three different configurations; 4-hole adapter, tube-clamp 30 mm and female pyramid. All quick fit units can be combined with any of the base-units.

Base Unit

The base unit exists in two configurations; female pyramid and male pyramid. All base units can be combined with any of the quick fit units.

Configuration

Before you order, please carefully review the configuration. Sometimes you may need two base units and in other cases you might need two quick fit units. It is also possible to rotate the unit in any direction and also to turn it upside down. An advice is to review the entire set-up of the prosthesis. Then you can save both money and weight.

Xtend Connect is just like any other adapter, except that it is possible to disconnect.

Colour on locking wheel

Xtend Connect exists in two colours, orange and black. Orange is standard if nothing else is indicated when ordering.

Double locking

Xtend Connect is the only product on the market that has a double security locking function, with both safety button AND locking wheel. This guarantees for safe usage.

Patient weight

Maximum patient weight is 100 kg. Always double check the weight of the patient. The max weight may not be exceeded.
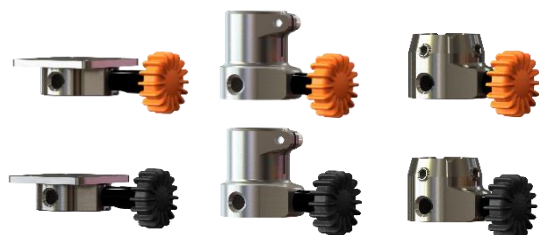
Guaranteed in water

All parts of Xtend Connect is guaranteed for usage in salt-, pool and tål användning i salt-, pool- and freshwater.

Assortment

Xtend Connect exists in many different configurations and colours.
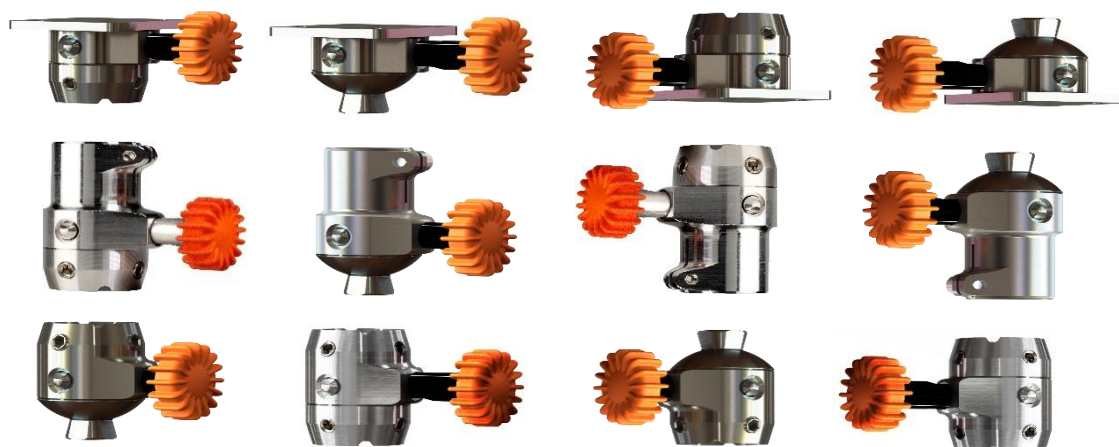
Quick fit units:

Base units:

Article No:	Description English
A100-Q4	Xtend Connect Quick fit unit, 4-holes adapter, orange locking wheel
A100-Q30	Xtend Connect Quick fit unit, tube clamp 30 mm, orange locking wheel
A100-QF	Xtend Connect Quick fit unit, female pyramid adapter, orange locking wheel
A100-Q4-B	Xtend Connect Quick fit unit, 4-holes adapter, black locking wheel
A100-Q30-B	Xtend Connect Quick fit unit, tube clamp 30 mm, black locking wheel
A100-QF-B	Xtend Connect Quick fit unit, female pyramid adapter, black locking wheel
A100-BF	Xtend Connect Base unit, female pyramid adapter
A100-BM	Xtend Connect Base unit, male pyramid adapter

Combination possibilities

Xtend Connect can be turned in all directions and fits both above and below the knee. Using the five basic parts, over 12 different configurations can be created to suit many different types of patients and prostheses.
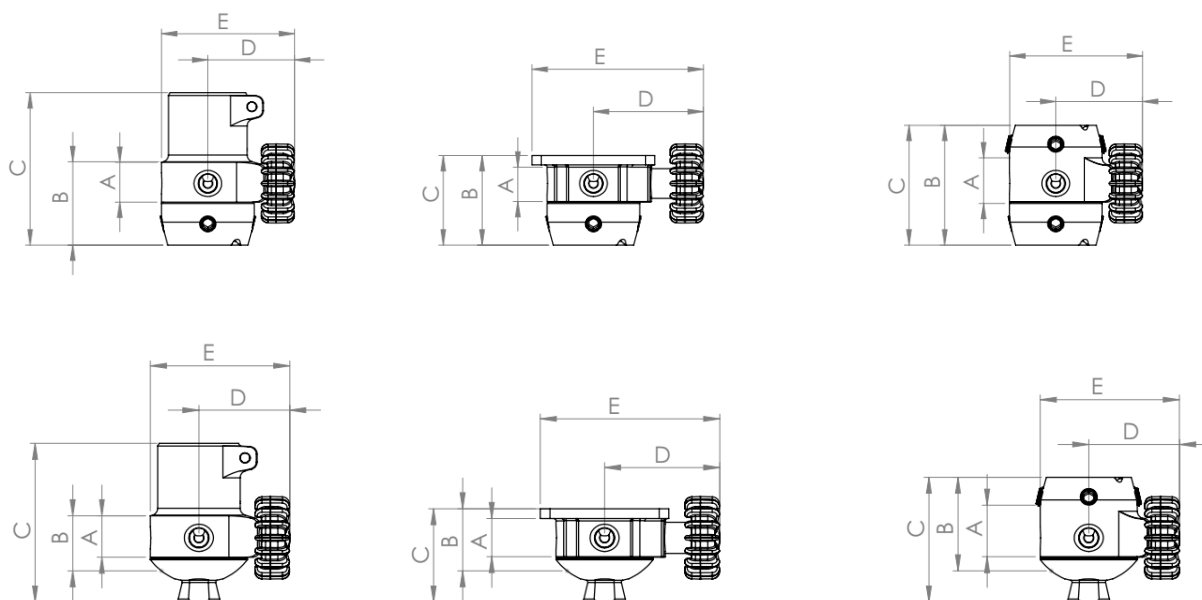
Building Heights

Xtend Connect works with three different heights. All measurements in mm.

A: Functional height is the height that you add extra to get the function of a quick connector.

B: Effective height is the free clearance you need to fit the Xtend Connect in the prosthesis. This measure is an average measurement as it is also affected by connecting components.

C: Total height.

Combination:	Description	Functional height = A	Effective height = B	Total height = C	Width center to outer wheel locked= D	Total width wheel locked = E
A100-Q4 + A100 BF	Xtend Connect Quick fit unit, 4-holes adapter + Xtend Connect Base unit, female pyramid adapter	19	39	39	48	74
A100-Q4 + A100 BM	Xtend Connect Quick fit unit, 4-holes adapter + Xtend Connect Base unit, male pyramid adapter	19	26	39	48	74
A100-Q30 + A100 BF	Xtend Connect Quick fit unit, tube clamp 30 mm + Xtend Connect Base unit, female pyramid adapter	19	36	66	38	58
A100-Q30 + A100 BM	Xtend Connect Quick fit unit, tube clamp 30 mm + Xtend Connect Base unit, male pyramid adapter	19	23	66	38	58
A100-QF + A100 BF	Xtend Connect Quick fit unit, female pyramid adapter + Xtend Connect Base unit, female pyramid adapter	19	52	52	38	58
A100-QF + A100 BM	Xtend Connect Quick fit unit, female pyramid adapter + Xtend Connect Base unit, male pyramid adapter	19	39	52	38	58

Weight

Xtend Connect works with two different weight concepts. All measures in grams.

A: Effective weight is the weight you put on extra to get the function of quick connector. The normal extra weight that a standard adapter has is therefore reduced. This is an average measure because different standard couplings have different weights.

B: Total weight is the total weight of the component.

Combination:	Description	Effective weight = A	Total weight = B
A100-Q4 + A100 BF	Xtend Connect Quick fit unit, 4-holes adapter + Xtend Connect Base unit, female pyramid adapter	208	338
A100-Q4 + A100 BM	Xtend Connect Quick fit unit, 4-holes adapter + Xtend Connect Base unit, male pyramid adapter	208	314
A100-Q30 + A100 BF	Xtend Connect Quick fit unit, tube clamp 30 mm + Xtend Connect Base unit, female pyramid adapter	208	330
A100-Q30 + A100 BM	Xtend Connect Quick fit unit, tube clamp 30 mm + Xtend Connect Base unit, male pyramid adapter	208	305
A100-QF + A100 BF	Xtend Connect Quick fit unit, female pyramid adapter + Xtend Connect Base unit, female pyramid adapter	208	303
A100-QF + A100 BM	Xtend Connect Quick fit unit, female pyramid adapter + Xtend Connect Base unit, male pyramid adapter	208	279

Application areas - examples

With Xtend Connect your imagination sets the limit. Here are some examples of common uses:

- Switch between everyday/outdoor foot and indoor foot
- Switch between sports foot and everyday foot
- Switch between hygiene prosthesis and regular prosthesis
- Switch between two sockets and one foot
- Change between regular long prostheses to short stubbies.
- Easier getting dressed in tight pants
- Travelling with prostheses, just take for example an extra foot for bathing and save packing and weight

	Change feet	Change knees	Change socket	Short/long legs	Getting dressed	Travels
TF unilateral	Yes	Yes	Yes	No	Yes	Yes
TF double	Yes	Yes	Yes	Yes	Yes	Yes
TT unilateral	Yes	No	Yes	No	Yes	Yes
TT double	Yes	No	Yes	Yes	Yes	Yes