



The world's most
lifelike bionic hand



The culmination of years of development, investment and interaction with amputees at every stage has led to the creation of bebionic.

Pioneering technology and innovative design has combined to make bebionic one of the most lifelike, natural and easy-to-use multi-articulating prosthetic hand available today.

Comfortable, intuitive and precise, bebionic continues to transform the lives and abilities of amputees around the world. From helping them perform simple tasks like tying their shoelaces, to giving them back their control and pride.

Size Options



small black

small white

medium

large

Grip Patterns

bebionic provides 14 different grip patterns, allowing the user to have a more complete device to assist them in their day to day life. The hand has two selectable thumb positions: opposed and non-opposed.

Opposed

Non-Opposed



Opposed Grips	Non-Opposed Grips
Tripod	Key Grip
Power	Finger Point
Finger Adduction	Open Palm
Hook	Column
Active Index	Mouse Grip
Pinch	Relaxed Hand
Precision Open	
Precision Closed	

Wrist Options

bebionic hands come ready supplied with one of four wrist options, to suit individual requirements. Options available include an EQD (electric quick disconnect) Wrist, a Short Wrist to accommodate a long residual limb / wrist disarticulation and Multi-Flex and Flexion Wrist allowing an enhanced range of wrist motion.

1 - EQD Wrist

Allows the hand to be removed with a rotating action. The EQD wrist allows the patient to quickly rotate and remove or attach terminal devices as required.



2 - Short Wrist

Low profile connector for applications where there is a long residual limb. A short wrist lamination assembly is supplied with these hands. The hand can be rotated against a constant friction, which can be adjusted by the patient. For use when length is an issue. Supplied with lamination ring.



3 - Multi-Flex Wrist*

Offers passive wrist movement in all directions and the ability to lock in 30° flexion, 30° extension or a neutral position. Lateral deviation remains available while the wrist is locked in the preferred flexion angle.

*This wrist option is only compatible with bebionic medium and large hands.



4 - Flexion Wrist

A versatile flexion device that allows the wearer to easily lock or unlock the wrist position and reposition the wrist in either a flexion or extension position. With 30 degrees in either direction and locked in each of the three positions.



Principal Dimensions and Specifications



**‘Thanks to my bebionic small,
I can do things never before possible’
- Nicky Ashwell.**

Specifications	Small	Medium	Large
Power grip force	140N	140N	140N
Tripod grip force	36.6N	36.6N	36.6N
Key grip force	26.5N	26.5N	26.5N
Time to open or close - tripod grip	0.5 secs	0.5 secs	0.5 secs
Time to open or close - power grip	1.0 secs	1.0 secs	1.0 secs
Time to open or close - key grip	1.0 secs	1.0 secs	1.0 secs
Hand carry load (static)	45kg (99lb 3oz)	45kg (99lb 3oz)	45kg (99lb 3oz)
Finger carry load (static)	25kg (55lb 3oz)	25kg (55lb 3oz)	25kg (55lb 3oz)
Finger tip extension load	6kg (13lb 3oz)	6kg (13lb 3oz)	6kg (13lb 3oz)
Vertical push down load (through knuckles)	90kg (198lb 6oz)	90kg (198lb 6oz)	90kg (198lb 6oz)
Principal Dimensions	Small	Medium	Large
A Middle finger tip to hand base	160mm (6 ¼")	175mm (6 ⅞")	180mm (7 ⅙")
B Thumb tip to hand base	100mm (3 7/8")	120mm (4 ¾")	124mm (4 7/8")
C Max chassis width (no glove)	70mm (2 ¾")	83mm (3 ¼")	91mm (3 ½")
D Diameter of chassis at wrist	45mm (1 ¾")	50mm (2")	50mm (2")
Palm circumference (no glove)	180mm (7")	210mm (8 ¼")	230mm (9")
Maximum opening width - tripod grip	90mm (3 ½")	105mm (4 ⅛")	105mm (4 ⅛")

Part Number	Build Height †	Weight	Description	
Small Hand				
1	BBHSM*QD-W	105mm + 25mm (4" + 1")	390g (13 ¾oz)	bebionic small hand with EQD Wrist - White
2	BBHSM*SW-W	105mm + 12mm (4" + ½")	369g (13oz)	bebionic small hand with Short Wrist - White
3	BBHSM*QD-W-F	105mm + 53mm (4" + 2")	460g (16oz)	bebionic small hand with Flexion Wrist - White
1	BBHSM*QD-B	105mm + 25mm (4" + 1")	390g (13 ¾oz)	bebionic small hand with EQD Wrist - Black
2	BBHSM*SW-B	105mm + 12mm (4" + ½")	369g (13oz)	bebionic small hand with Short Wrist - Black
3	BBHSM*QD-B-F	105mm + 53mm (4" + 2")	460g (16oz)	bebionic small hand with Flexion Wrist - Black
Medium Hand				
1	BBHMD*QD	121mm + 25mm (4 ¾" + 1")	591g (1lb 5oz)	bebionic medium hand with EQD Wrist
2	BBHMD*SW	121mm + 12mm (4 ¾" + ½")	570g (1lb 4oz)	bebionic medium hand with Short Wrist
3	BBHMD*QD-MF	121mm + 50mm (4 ¾" + 2")	691g (1lb 8oz)	bebionic medium hand with Multi-Flex Wrist
4	BBHMD*QD-F	121mm + 53mm (4 ¾" + 2")	661g (1lb 7oz)	bebionic medium hand with Flexion Wrist
Large Hand				
1	BBHLG*QD	125mm + 25mm (5" + 1")	598g (1lb 5oz)	bebionic large hand with EQD Wrist
2	BBHLG*SW	125mm + 12mm (5" + ½")	577g (1lb 4oz)	bebionic large hand with Short Wrist
3	BBHLG*QD-MF	125mm + 50mm (5" + 2")	698g (1lb 8oz)	bebionic large hand with Multi-Flex Wrist
4	BBHLG*QD-F	125mm + 53mm (5" + 2")	668g (1lb 7oz)	bebionic large hand with Flexion Wrist

† Build height comprises of thumb tip to base of hand measurement, followed by the build height for each wrist option. The second number refers to the minimum allowance for the mating wrist unit.

*Denotes side of hand, Insert L for a left hand, or R for a right hand.

10.26

Wednesday 18th February

was the moment **Kevin** gained unprecedented control over his bike. It started when continuous innovation led to the development of the V3 bebionic hand, which was prescribed and fitted through close consultation with our prosthetist. This gave the patient, who had worn prosthetic forearms for over 30 years, more precise, flexible, myoelectric control over his world – as well as the best, most comfortable cycling position he'd ever experienced, without needing a specialist riding arm.





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