

OmniWrists for Adults & Children

OmniWrists™



Pediatric OmniWrist with VASI Electric Hand

- **Wrist can bend 25° in any direction**
- **Separate friction adjustments for axial rotation and for bending**
- **Low profile – hand to proximal edge of lamination collar as little as 0.8”**
- **Can be used with most manufacturer’s prosthetic hands**
- **Sizes for adults and children**
- **Straight and tapered lamination pieces**

OmniWrists are now available for both adult and children's prosthetic hands. They are compatible with most manufacturer's hands and grippers. The children's OmniWrists are supplied with a 1" diameter ball and the adult OmniWrists are supplied with a larger (1¼" ball) for better support and greater friction adjustment. Small adult hands can be supplied with which ever size OmniWrist is more cosmetically appealing.

OmniWrists for VASI Electric Hands:



VOM03L OmniWrist 0-3 for VASI 0-3 Electric Hands, Long Slim
Single-groove lamination collar is 1.37" (35mm) in diameter. Use for good cosmesis when there is room for the extra 7mm in length.



VOM03 OmniWrist 0-3 for VASI 0-3 Electric Hands
VOM26 OmniWrist 2-6 for VASI 2-6 Electric Hands (shown)
VOM59 OmniWrist 5-9/7-11 for VASI 5-9 & 7-11 Electric Hands
Single-groove lamination collar is 1.7" (43mm) in diameter.

OmniWrists for Adults & Children



- VEM03** Elbow OmniWrist 0-3 for VASI 0-3 Electric Hands
- VEM26** Elbow OmniWrist 2-6 for VASI 2-6 Electric Hands (shown)
- VEM59** Elbow OmniWrist 5-9/7-11 for VASI 5-9 & 7-11 Electric Hands

Straight-sided, Multi-groove lamination collar is 1.57" (40mm) in diameter. Use with VASI prosthetic elbows.

OmniWrists for Otto Bock Hands:

- A Bock 8E41 Hand equipped with an OmniWrist weighs 34 grams *less* than a Bock 8E38 Quick Disconnect Hand with its wrist collar
- It is 0.28" (7mm) *shorter* from the thumb tip to the proximal edge of the lamination collar

An OmniWrist has been especially designed for use with Otto Bock 2000 hands (VOMB-2K). For the other Bock hands there are several choices. The quick choice is the VOMB-01 that accepts a Bock 10S1=45 Wrist. This combination uses off-the-shelf components. A lighter and shorter wrist adapter is offered in the VOMB-03 using a metric-stud hand. Large Bock hands are available as 8E41 Hand with M12x1.5 threaded stud. They may not be stocked in the U.S., resulting in a 4-6 week delay. Alternatively, Bock may convert an 8E38 hand (you will pay for parts and labor and own a leftover QD Chassis).



VOMB-2K OmniWrist For 8E51 Bock 2000 Child Hands

Single-groove lamination collar is 1.7" (43mm) in diameter. Ready for installation of the Bock 9E371 Contact Plate.

This wrist can be fitted with a straight lamination collar for use with VASI electric elbows.



VOMB-01 OmniWrist To Accept Bock 10S1=45 Collar

Single-groove lamination collar is 1.7" (43mm) in diameter. Use the 10S45 Collar regardless of the size of the Bock hand. The distance from the proximal edge of the OmniWrist to the distal edge of the 10S1 is 1.08" (27.5mm).

Cannot be used with Bock wrist rotators.



VOMB-02 OmniWrist for Bock 8E41 Small Hands (metric thread)

Uses 1" diameter ball for smaller hand sizes. Single-groove lamination collar is 1.68" (43mm) in diameter

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VOMB-05 OmniWrist for Bock 8E41 Large Hand (metric thread)
Uses 1¼" diameter ball for larger hand sizes. Single-groove lamination collar is 1.68" (43mm) in diameter



VOMB-03 OmniWrist With Bock QD For 8E41 Hand (metric thread)
LTI will wire the QD wrist to a customer-supplied 8E41 Hand. Includes spacer to allow full movement of wrist unit.

VOMB-04 OmniWrist With Bock QD For Converted 8E38 Hand
LTI will wire the QD wrist through the OmniWrist and to a customer supplied 8E38 hand that Bock has converted. Customer will supply left over QD chassis. Includes spacer to allow full movement of wrist unit.

OmniWrists to accept ½"-20 studs:

Most split hooks have ½"-20 studs and all RSLSteeper hands except the SCAMP Hand may be equipped with ½"-20 stud plates that are offered elsewhere. Connectors on Steeper electric hands will fit through the stud plates.



VOMTH- OmniWrist With ½"-20 Threaded 1" Ball for Children's Hands



VOMTH-05 OmniWrist With ½"-20 Threaded 1¼" Ball for Adult Hands



VOMTH-QD OmniWrist, ½"-20 Ball Attached To Bock QD
For swapping with another Bock QD device or using with a wrist rotator. Includes spacer to allow full movement of wrist unit.

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OmniWrist for SCAMP Hands:



VOM-ST1 OmniWrist, RSLSteeper SCAMP 0-3 child's hand

VOM-ST2 OmniWrist, RSLSteeper SCAMP 2-6 child's hand

Single-groove lamination collar is 1.68" (43mm) in diameter

This wrist can be fitted with a straight lamination collar for use with VASI electric elbows.

Cosmesis when using an OmniWrist. When you place a cosmetic glove over an OmniWrist, there is nothing to support the glove, so it will sag into the wrist area. To correct this, make a soft foam sleeve to go around the wrist. Shape the foam to support the glove while still allowing the wrist to bend.

Friction & Passive Wrists for VASI Electric Hands:

The VASI Short Oval and Short Round wrists are suitable for children with long residual limbs and natural pro/supination. The Short Friction wrist is suitable for children with a long limb needing a friction adjustment. The standard Friction wrists are suitable for shorter limbs.



VSO03 Short Oval Wrist 0-3 for VASI 0-3 Electric Hands (shown)

VSO26 Short Oval Wrist 2-6 for VASI 2-6 Electric Hands

VSO59 Short Oval Wrist 5-9 for VASI 5-9 & 7-11 Electric Hands



VSR03 Short Round Wrist 0-3 for VASI 0-3 Electric Hands (shown)

Single groove for lamination; 1.38" (35mm) in diameter

VSR26 Short Round Wrist 2-6 for VASI 2-6 Electric Hands

Single groove for lamination; 1.46" (37mm) in diameter

VSR59 Short Round Wrist 5-9 for VASI 5-9 & 7-11 Electric Hands

Single groove for lamination; 1.65" (42mm) in diameter



VSR03 Short Round Wrist 0-3 for VASI 0-3 Electric Hands (shown)

Single groove for lamination; 1.38" (35mm) in diameter

VSR26 Short Round Wrist 2-6 for VASI 2-6 Electric Hands

Single groove for lamination; 1.46" (37mm) in diameter

VSR59 Short Round Wrist 5-9 for VASI 5-9 & 7-11 Electric Hands

Single groove for lamination; 1.65" (42mm) in diameter

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VFR03 Friction Wrist 0-3 for VASI 0-3 Electric Hands (shown)

Three-groove lamination collar, 1.13" (28.6mm) in diameter

VFR26 Friction Wrist 2-6 for VASI 2-6 Electric Hands

Three-groove lamination collar, 1.46" (37mm) in diameter

VFR59 Friction Wrist 5-9 for VASI 5-9 & 7-11 Electric Hands

Three-groove lamination collar, 1.46" (37mm) in diameter



VEF03 Elbow Friction Wrist 0-3 for VASI 0-3 Electric Hands

VEF26 Elbow Friction Wrist 2-6 for VASI 2-6 Electric Hands

VEF59 Elbow Friction Wrist 5-9 for VASI 5-9 & 7-11 Electric Hands

Wide three-groove collar for cementing into VASI elbow forearm 1.57" (40mm) in Diameter

VASI Wrist Rotators – DISCONTINUED 2012!