



USMC A5

Instructions for USMC A5 Prosthetic
Knee Joint



6405 218th St.SW,
Suite 304 Mountlake Terrace,
WA 98043



Phone: (425) 640-2004
Fax: (206) 299-9445



Easy Guide

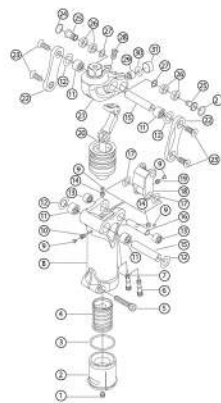
- Installation instructions

- Product Characteristics

- Technical data

- Adjustment

- Attention



Installation instructions

1. Assembly instructions

All the components are assembled by the combination of screw and screw cap, so you only need to fit the components in a proper place and then fixed the screws.

2. Joint adjustment

There are two adjustment screws for you to increase or decrease the sensitivity and stretching speed of knee joints according to various category



Product Characteristics

·Unique Extension / Flexion dual air-pressure control system, capable of changing walking speed according to user's demand, bring you a natural and smooth gait.

·The knee's swinging and bending is more close to the human knee joint, more natural gait.

·Multi-axial knee joint design to achieve balanced load break for the bearing in the stance phase and much extend the knee life.

·Unique full-sealed needle bearing knee joint design which differs from the current conventional ball bearing or bushing design on the market.

·wide flexion angle design providing more convenience for the users. Flexion angle can be 160 degrees.

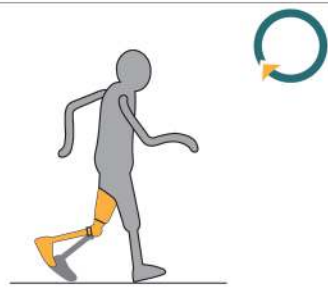
·Weight limitation: 125kgs

Technical data

Name	A5
Material	Alloy light aviation
Weight	650g
Amputation level	Above knee
Weight limitation	125kg

Mobility class	(II) and III
Bending angle	160°
Axes	Polycentric
Height	190mm

Adjustment



Too much flexion

Turn the flexion valve to the right with a 3 mm Allen key.



Too little flexion

Turn the flexion valve to the left with a 3 mm Allen key.



Hard extension of end stop

Turn the extension valve to the right with a 3 mm Allen key.



Extension too slow

Turn the extension valve to the left with a 3 mm Allen key.

Safety instructions

- 1) The adapter used (e.g. tube adapter) on the lower connection must be slid up to the stop in the knee joint pylon clamp.
- 2) The pylon clamp screw must be tightened with a torque of 16 Nm and secured with Loctite. Use a torque wrench (5mm hexagon socket).
- 3) The assembly and adjustment instructions must be observed.

- 1) The adapter used (e.g. tube adapter) on the lower connection must be slid up to the stop in the knee joint pylon clamp.
- 2) The pylon clamp screw must be tightened with a torque of 16 Nm and secured with Loctite. Use a torque wrench (5mm hexagon socket).
- 3) The assembly and adjustment instructions must be observed.