

Ordering Information	
Part no	Description
695 000 100	Intelligent Knee Single Axis
695 000 250	Intelligent Knee Needle Bearing 4 bar
695 000 330	NK-1H with regular swing phase motion
695 000 340	NK-1H with extension spring

NABTESCO Intelligent Knee Spare Parts Ordering Information	
Part no	Description
695 000 101	Programming unit
695 000 102	Tube 34/30 mm
695 000 110	Tube 34 mm

Specifications: Intelligent Knee Single Axis	
Weight	965 gram
Maximum angle of flexion	160°
Weight category	100 kg

Specifications: Intelligent Knee needle bearing 4 bar	
Weight	1097 gram
Maximum angle of flexion	160°
Weight category	100 kg

Specifications: NK-1H (with regular swing phase control)	
Weight	910 gram
Maximum angle of flexion	160°
Weight category	125 kg

Specifications: NK-1Hs (with extension spring)	
Weight	910 gram
Maximum angle of flexion	160°
Weight category	125 kg



Nabtesco Intelligent Knee

- ▶ Microprocessor controlled
- ▶ Instant adjustment
- ▶ Less energy consumption for the wearer
- ▶ Less maintenance
- ▶ Easy programming
- ▶ 160 degrees flexion
- ▶ Weight limitation 100 kg
- ▶ Long battery life

Nabtesco NK-1 Series

Advanced Pneumatic Knee

- ▶ Natural and smooth swing phase
- ▶ Stable stance phase
- ▶ Low weight
- ▶ compact design
- ▶ Titanium frame
- ▶ 160 degrees flexion
- ▶ Weight limitation of 125 kg
- ▶ Weight 910 gram



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Nabtesco Intelligent Knee

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- ▶ Instant adjustment
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- ▶ Easy programming
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Nabtesco

Intelligent Knee Single Axis / 4-Bar & NK-1 Series Advanced Pneumatic Knee



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Intelligent Knee Single Axis / 4-Bar

Features for the Intelligent Knee Series

- ▶ Microprocessor controlled knee joint for the active patient
- ▶ Instant adjustment to actual walking speed
- ▶ Less energy consumption for the wearer
- ▶ Less maintenance
- ▶ Easy programming and adjustments
- ▶ 160 degrees flexion
- ▶ Weight limitations 100kg

Features for the Single Axis Intelligent Knee

- ▶ The carbon fibre frame is manufactured with high precision
- ▶ The breaking block is manufactured in titanium
- ▶ Improved breaking action.
- ▶ Weight 965 g

Features for the 4-Bar Intelligent Knee

- ▶ Specially manufactured on demands for the Scandinavian market
- ▶ The bushings have been replaced with needle bearings that result in lower friction and a more stable knee joint.
- ▶ Increased stability for long time users.
- ▶ Weight 1097 g



**Intelligent Knee
Single Axis**
695 000 100
Weight: 965 g
Improved Break
Titanium Break block

**Intelligent Knee
4-Bar**
695 000 250
Weight: 1097 g
Lower friction
Increased stability



NK-1 Series Advanced Pneumatic Knee



Nabtesco NK-1 Series

Advanced Pneumatic Knee

- ▶ Natural and smooth swing phase
- ▶ Stable stance phase
- ▶ Low weight
- ▶ compact design
- ▶ Titanium frame
- ▶ 160 degrees flexion
- ▶ Weight limitation of 125 kg
- ▶ Weight 910 gram

The well known NK-1 has developed into NK-1H and NK-1Hs Advanced Pneumatic Knees, and exists in two versions of swing phase controls. NK-1H with a regular swing phase motion and NK-1Hs with an incorporated extension spring, as shown in the picture to the right. Both have strong titanium frames and are passed for body weights up to 125kg!

- ▶ NK-1H with regular swing phase control
- ▶ NK-1Hs with extension spring assist swing phase control

The NK-1Hs version with extension spring is intended for slow to normal users that have the ability to change walking speed, and need assist in extension.

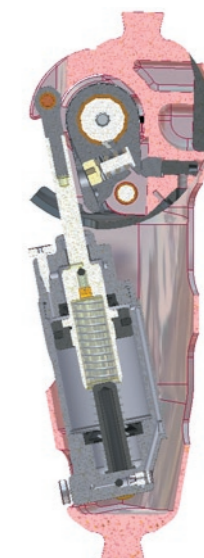
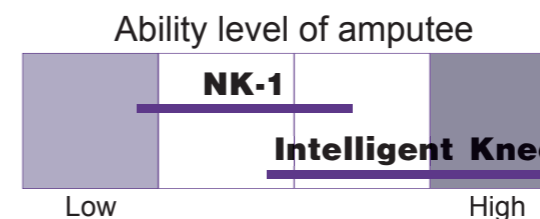
Both versions have a compact design and low weight. They have a natural and smooth swing phase with up to 160 degrees flexion. They also have a larger extension stop rubber that result in a smoother extension stop.



AV (Assistive Valve) adjusts for maximum walking speed. Turn AV counterclockwise for control of excessive heel rise.

TV (Terminal Impact Valve) adjusts for terminal impact. A clockwise adjustment gives more cushioning in terminal impact.

MV (Main valve) adjusts for slow and normal walking speed. Turn MV counterclockwise for a quicker swing.



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