

# PRACTITIONER'S MANUAL

## DAW Industries

### SURE STANCE™

4-Bar Weight-Activated Stance Control

Stock # THK-4PSC

**IMPORTANT:**

Adjusting alignment beyond recommended limits described within will adversely affect patient's gait, and could cause premature wear.



**HEADQUARTERS:**

6610 Nancy Ridge Road  
San Diego, CA 92121-2252  
Orders: (800) 252-2828 • (858) 622-4962  
Fax: (800) 856-8563  
www.daw-usa.com

**Technical Support**  
**(800) 242-8669**

**CENTRAL/EASTERN  
DISTRIBUTION CENTER:**

5579-B Chamblee Dunwoody Road  
Suite 227  
Atlanta, GA 30338-4154  
Orders: (800) 824-7192  
Fax: (800) 865-8563



# SURE STANCE™

Stock # THK-4PSC

4-Bar Weight-Activated Stance Control

*For the Low to Moderately Active K3/K2 Individual*

**Benefits:**

- ✓ Weight-Activated Stance Control up to 35° Flexion
- ✓ Precise Adjustability of Stance Control Sensitivity
- ✓ 4-Bar Stability & Swing Phase Shortening
- ✓ Stance Flexion
- ✓ Ultra-Lite Aerospace Alloy
- ✓ True Variable Cadence
- ✓ Forever-smooth stainless ball bearing axes
- ✓ Smooth Pneumatic “Hydraulic-Like” Function
- ✓ Trouble-Free, Zero Maintenance



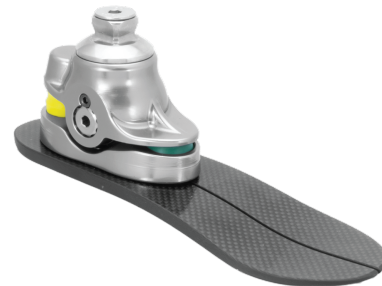
**3-Prong Adapter w/ Female Pyramid w/ Rotation, Stainless Steel (#: GUPS-FLAM3PRROT)**  
Provides Angular & Rotational Adjustment



**4-Hole Female Pyramid w/ Rotation, Titanium (#: GUPT-F4HROT)**  
Provides Angular & Rotational Adjustment

Browse our complete selection of Endo Components at [daw-usa.com/all-connectors](http://daw-usa.com/all-connectors)

## Recommended K3 Foot



**K3 Pro-Action™ Foot**  
Engineered for the low to moderately active K3 Individual  
Provides 3 Dynamic Energy Returning Carbon Keel Options & Multi-Axial Ankle Motion with Rotation.

Suggested L-Codes\*: **L5981** **L5986**

\*Please refer to the complete reimbursement disclaimer at [www.daw-usa.com](http://www.daw-usa.com)

**IMPORTANT:**

Read technical information thoroughly before using knee.



# Patient Notes

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## Recommended Order of Adjustments

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1. Flexion Dampening
2. Extension Dampening
3. Stance Control Sensitivity



**DAW**<sup>®</sup>  
Industries

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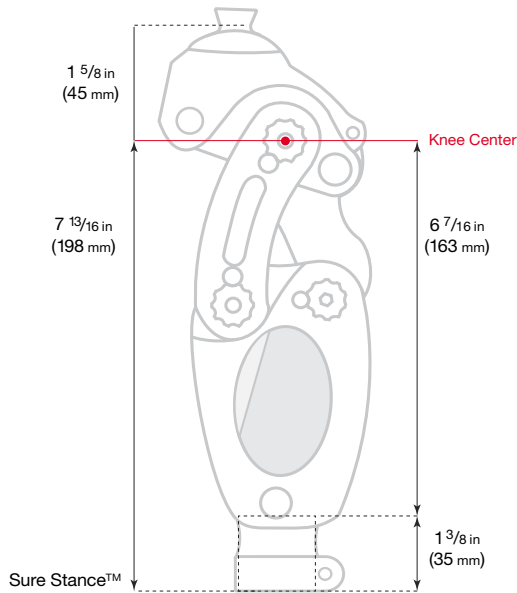


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## BUILD HEIGHT



## TORQUE SETTINGS

### Important:

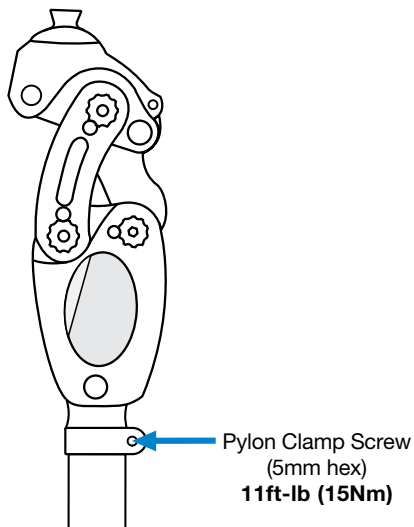
**Use blue Loctite™ 242 on all screws referenced here.**

It is not recommended to use Ottobock Titanium Pylon.

Do not use a spacer for height adjustment.

Ensure pylon is cut straight.

It is recommended these torques be checked within 30 days and then 6 months after your delivery of this prosthesis.



## Specifications

### Patient profile:

Body weight	Under 250lb (113kg)
Functional level	K3 / K2
Amputation level	Transfemoral, Bi-lateral TF or Hip Disarticulation

### Knee Specifications:

Stock number	THK-4PSC
Max weight limit	250lb (113kg)
Knee weight	2.4lb (1097g)
Swing controls	High Resistance Pneumatic Extension / Flexion Dampening
Stability control	4-Bar Geometric Lock plus Weight Activated Stance Control Lock up to 35° flexion
Proximal connection	Male Pyramid
Distal connection	30mm tube clamp
Warranty	2 years, upgrade for additional 3 years

## DAW Prosthetic Knee Limited Warranty

The knee comes with a Limited Warranty for 2-years. It covers manufacturer defects (excluding wear & tear). An additional 3 years of warranty coverage can be purchased for +15% of the original cost of the knee. See full warranty statement at:

[www.daw-usa.com/practitioner-resources/](http://www.daw-usa.com/practitioner-resources/)

### Weight limit of this knee is 250lb (113kg)

Bumpers are not under warranty.

Tight screws and a straight cut of the tubing are a must. Not following recommended use of components, including weight limit and alignment, will void the warranty. Make sure to read all instructions enclosed with the knee unit.

All repairs on the knee module must be done by a factory-trained DAW technician. Any disassembly done on the knee during the warranty period(s) will void the warranty (excluding disassembly of the extension spring housing).

## Service Under Warranty

For all component repairs call DAW Industries right away. We will ship a replacement knee the same day, which will become your patient's new knee. The replacement component is under warranty for the time remaining on the original component.

The overnight shipping charge will be credited upon receipt of the failed knee component.

## Service Outside of Warranty

Knees not under warranty may be repaired by DAW. While any unwarranted knee is being serviced, DAW will provide a rental knee subject to availability. The DAW rental fee is listed in the price list under each knee. The rental fee covers the period DAW takes to complete the repair with ten (10) days allowed for shipping in both directions. The same rental fee will be charged every 30 days passed the initial rental fee period.

For any repair you must first contact our Technical Services at 1(800)242-8669. This will allow DAW to best understand the issue. Our Technical Support will immediately assess if the repair qualifies as a "minor" or "substantial" repair. A "minor" repair will be completed, as a courtesy, free of charge (you will just pay for return shipping). A "substantial" repair will be billed at a flat rate according to knee model. Upon return of your repaired knee, you will be invoiced for the repair charge, if any. When DAW receives the rental knee, your account will be credited for the value of the returned knee (Gold Preferred+ = FREE rental; Preferred = 33% off).

In the event your knee is unrepairable, you will be notified immediately. The rental must then be returned to DAW, 2nd day, within five (5) working days. The rental fee may be applied toward the purchase of a new DAW knee.

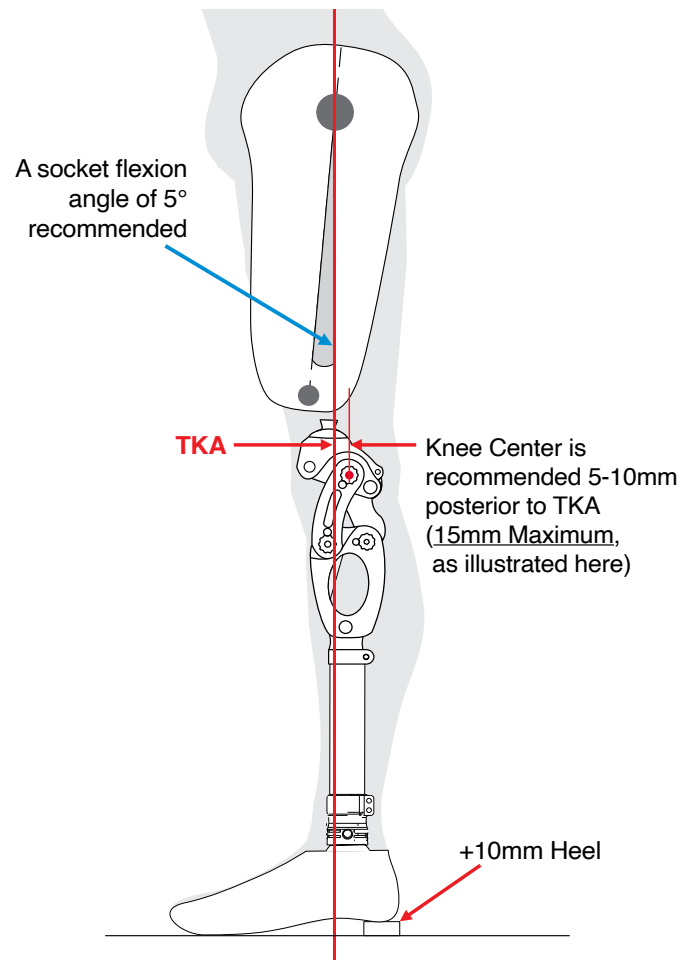


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# RECOMMENDED BENCH & STATIC ALIGNMENT

Standard alignment procedure must be observed to obtain the maximum benefits offered by this knee. All alignment references should be taken from the center of the anterior superior knee axis (commonly referred to as the Knee Center).



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## Adjusting Swing Phase Controls

(Flexion & Extension Dampening)

### Flexion Dampening Adjustment

Resistance to heel rise is accomplished by turning the Flexion Adjustment Screw (3mm Hex) located at the back of the knee.

Turn the Flexion Adjustment Screw:

**Clockwise** to increase resistance.

**Counter-Clockwise** to decrease resistance.

### Extension Dampening Adjustment

Resistance to extension and terminal impact is accomplished by turning the Extension Adjustment Screw (3mm Hex). Turn the Extension Adjustment Screw:

**Clockwise** to increase resistance.

**Counter-Clockwise** to decrease resistance.

### RECOMMENDED PROCEDURE FOR FLEXION / EXTENSION ADJUSTMENTS

Adjust all Flexion and extension in  $\frac{1}{4}$  turn increments.

**WARNING:** Excessive clockwise adjustment of the Flexion or Extension Screws can jam and damage the needle pin, thus eliminating all resistance control.

Flexion Adjustment Screw  
(3mm Hex)

Extension Adjustment Screw  
(3mm Hex)



## Adjusting Stance Control Sensitivity

1. Loosen the Set Screw (1.5mm Hex)
2. Turn the Stance Control Sensitivity Adjustment Screw (3mm Hex) in extremely small increments: ( $\frac{1}{16}$  of a turn at a time,  $\frac{1}{8}$  of a turn at a time is way too much). Full adjustment from the least sensitive to the most sensitive adjustment is a  $\frac{1}{2}$  turn.  
**Clockwise** to increase sensitivity.  
**Counter-Clockwise** to decrease sensitivity.
3. Retighten the Set Screw (1.5mm Hex)

