

# INTRODUCING

**Original PDI locks** are modular, low-profile, lightweight, and durable. Each lock come with 2 X-SPP long lasting heat-treated and hard-chrome-plated steel plunger pins. A void is created in the distal end of a thermoplastic or thermoset (laminated) socket using Prosthetic Design's tooling.

**Plunger Pins:** ((2 each) **X-SPP** (Xtreme Short Plunger Pin, 25mm (1")) are included with the Locks. All Prosthetic Design plunger pins are heat-treated, chrome-plated steel which contributes to their durability but makes it difficult to shorten them using a hack saw, grinder, or cut-off wheel. For that reason, Prosthetic Design offers optional length plunger pins.

**Accessories:** Prosthetic Design offers optional size push buttons.

**Bolts:** (4) **M6X25** flat head socket bolts are included with the Xtreme and Pro locks. (4) **M6X20TL** socket head bolts are included with the Xtreme locks only (for changing to 'top loading'). These bolts are zinc plated carbon steel screws. Optional length screws are available from Prosthetic Design Inc. and are sold in packs of 4 each.

**Instructions:** Refer to Prosthetic Design's Fabrication Instructions located in the Product Catalog for specific instructions regarding use of fabrication tooling.

**Top Loaded Feature:** The locks come assembled for bottom-loaded use. Refer to Prosthetic Design's Lock Selection Guide for instructions to convert lock to top loading. To access the top loaded bolts in Locks installed in sockets, use TLW (Top Loaded Wrench); to remove locks from within a socket, use TLRT (Top Loaded Removal Tool). Both items are available exclusively from Prosthetic Design.

**Torque Specifications:** Apply a small amount of Loctite 242 on the (4) screws, tighten and torque to 12Nm (9ft-lb).

**Attention:** Caution must be taken in securing the plunger pin to the locking liner. Proper attachment in accordance with all manufacturer instructions (i.e., applicable to the liner, too) is required to ensure patient's safety. If excessive movement is detected between the locking liner and the plunger pin or between the plunger pin and the lock at any time, the patient should be instructed to immediately discontinue use of the device and consult his/her prosthetist.

**Limited Warranty For Xtreme and Pro Locks:** Prosthetic Design Inc. warrants its Locks to purchasers of the prosthetic components only. No warranties are made to consumers. All Prosthetic Design, Inc. Locks are warranted for 12 months from original purchase date. This warranty applies only to normal use and service against defects and/or excessive wear and does not cover: (1) any damage due to misuse, altering of Locks, improper service or accidents; (2) any product whose serial or batch number has been altered or removed; (3) any secondary costs that might be incurred in the exchange of Locks; (4) abnormal wear due to incorrect selection of component. During the warranty period, at Prosthetic Design, Inc.'s discretion, defective and/or worn parts will be repaired or replaced at no charge, providing the product is returned to Prosthetic Design Inc. prepaid and accompanied with a Return Merchandise Authorization (RMA). Missing hardware will be replaced at retail prices. This warranty applies only to Prosthetic Design, Inc. Locks. This warranty is in lieu of all other warranties, expressed or implied, including any implied warranty of merchantability or fitness of a particular purpose. The remedies provided above are exclusive; in no event shall Prosthetic Design, Inc. be liable for any special, indirect, incidental, or consequential damages.

**Returns:** A restocking fee amounting to 2% of the retail price will be charged to the customer should the customer wish to return any Prosthetic Design Inc. product for credit. The part must be unused, and in its original, unopened packaging. In addition, the return must be initiated within 30 days of its purchase in order to qualify for the credit.

## Specifications:

### **X-Ti-PLUS**

**Weight 112g (3.9oz)**

**Added Profile 13mm (1/2")**

*Load rated to 180kg (400 lbs.), Activity Levels K1, K2, K3*

*Load rated to 150kg (330 lbs.), Activity Level K4*

*Recommended Lcode exists (L5671)*

### **X-PSH-PLUS**

**Weight 110g (3.9oz)**

**Added Profile 13mm (1/2")**

*Load rated to 150kg (330 lbs.), Activity Levels K1, K2, K3*

*Load rated to 120kg (264 lbs.), Activity Level K4*

*Recommended Lcode exists (L5671)*

### **P-PSH-PLUS**

**Weight 133g (4.7oz)**

**Added Profile 13mm (1/2")**

*Load rated to 120kg (264 lbs.), Activity Levels K1, K2*

*Recommended Lcode exists (L5671)*



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