

WillowWood Fasteners with Torque Specifications

Product	Part # (if applicable)	Fastener Description	Nm	Ft-lbs
Pediatric Components				
PPF-700250 Lam. Socket Attach. Block	700-B220	M5 x 10 Socket Head Capscrew (attach lam. cap)	hand-tighten	
		M5 x 12 Flat Head Capscrew (attach 4-hole components)	7	5
PPF-227014 4-Hole Pyramid	700-B220	M5 x 12 Flat Head Capscrew (attach to prosthesis)	7	5
PPF-137004 4-Hole Pyr. Receiver	700-B220	M5 x 12 Flat Head Capscrew (attach to prosthesis)	7	5
	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-SP471 Titanium Suction Pyramid	700-B220	M5 x 12 Flat Head Capscrew (attach to prosthesis)	7	5
PPF-994118 1/8" Spacer Plate	700-B221	M5 x 16 Flat Head Capscrew (attach to prosthesis)	7	5
PPF-994114 1/4" Spacer Plate	700-B222	M5 x 20 Flat Head Capscrew (attach to prosthesis)	7	5
PPF-130000 22mm Tube Clamp Adap.	700-B223	M4 x 20 Socket Head Capscrew (pylon clamp)	4	3
		M6 x 12 Setscrew (adjust alignment)	4	3
PPF-131330 300mm Pylon w/Fixed Adap.	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-131340 400mm Pylon w/Fixed Adap.	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-138027 27mm Dual Receiver	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-138051 51mm Dual Receiver	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-1209 Alum. Foot Pyr. Rec.	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-FS006 Symes Nut		M8 x 18 Socket Head Capscrew (attach lamination cap)	hand-tighten	
PPF-1540 Exo Lam. Core		M8 x 18 Socket Head Capscrew (attach lamination cap)	hand-tighten	
Foundation Components				
FND-995000 Comp. TP Pyramid Adapter		M6 x 40 Flat Head Capscrew (attach to socket)	12	9
FND-268000 AK Rotatable 3-Prong Pyr. Rec.	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
	700-B103	M6 x 25 Socket Head Capscrew (clamp)	12	9
FND-268001 AK Rotatable 3-Prong Pyr. Adap.	700-B103	M6 x 25 Socket Head Capscrew (clamp)	12	9
FND-268002 AK Rotatable 3-Prong Base	700-B103	M6 x 25 Socket Head Capscrew (clamp)	12	9
FND-268004 Threaded Rotatable Pyramid Receiver Insert	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
700-200/250 Lam. Socket Attachment Block	700-B107	M6 x 12 Socket Head Capscrew (attach lamination cap)	hand-tighten	
		M6 x 16 Coated Flat Head Capscrew (attach 4-hole components)	12	9
700-375 3/8" 4-Hole Spacer Plate	700-B102	M6 x 25 Flat Head Capscrew (attach to prosthesis)	12	9
700-300 1/8" 4-Hole Spacer Plate	700-B104	M6 x 20 Flat Head Capscrew (attach to prosthesis)	12	9
FND-135105/06/07 Offset Plates	700-B106	M6 x 10 Flat Head Capscrew (attach components to plate)	12	9
		M6 x 16 SS Flat Head Capscrew (attach plate to prosthesis)	12	9
FND-224120 20mm Offset Pyramid	700-B106	M6 x 16 SS Flat Head Capscrew (attach to prosthesis)	12	9
FND-227004 Titanium 4-Hole Pyramid Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228002 Titanium 4-Hole Rotatable Pyramid Receiver	700-FS002 700-B104	M8 x 16 Setscrew (adjust alignment)	16	12
		M6 x 20 Flat Head Capscrew (attach to prosthesis)	12	9
		M5 x 10 Coated Socket Head Capscrew (secure clamp slide)	11	8
FND-228003 Titan. 4-Hole Rotatable Pyr.	700-B104	M6 x 20 Flat Head Capscrew (attach to prosthesis)	12	9
		M5 x 10 Coated Socket Head Capscrew (secure clamp slide)	11	8
FND-130030 Alum. 30mm Adapter	700-B103	M6 x 25 Socket Head Capscrew (pylon clamp)	11-14	8-10
	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-220030 Titan. 30mm Adapter	700-B103	M6 x 25 Socket Head Capscrew (pylon clamp)	11-14	8-10
	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12

Product	Part # (if applicable)	Fastener Description	Torque	
			Nm	Ft-lbs
FND-131330 Al. Fixed Adap. w/30mm tube	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-221330 Ti. Fixed Adap. w/30mm tube	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-139930 Al. Fixed Adap. w/23mm rod	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-229930 Ti. Fixed Adap. w/23mm rod	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228075 75mm Dual Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228060 60mm Dual Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228045 45mm Dual Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228032 32mm Dual Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
Shorter setscrews	700-B122	M8 x 12 Setscrew (use in place of M8-1.25 x 16mm setscrews in cases of extreme alignment)	16	12
Magnum Components				
MHD-002 Magnum 30mm Adapter	700-B103	M6 x 25 Socket Head Capscrew (pylon clamp)	14-16	10-12
	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
MHD-PR-4 Magnum Titan. 4-Hole Pyr. Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
Suspension Components				
700-AIS48X Alpha Lock	700-B100	M6 x 10 Socket Head Capscrew (attach Forming Plate)	hand-tighten	
		M6 x 30 Flat Head Capscrew (attach to socket)	12	9
700-AL60X Lamination Lock	700-B106	M6 x 8 Socket Head Capscrew (attach Lamination Plate)	hand-tighten	
		M8 x 40 Socket Head Capscrew (attach Lock Body to Fab. Post) M6 x 16 SS Flat Head Capscrew (attach 4-hole components)	12	9
700-AIS10X Alpha Lanyard		M6 x 10 Socket Head Capscrew (attach Forming Plate)	hand-tighten	
		M6 x 30 Flat Head Capscrew, Alloy Steel (attach to socket)	12	9
700-AIS50X Suction Insert	700-B100	M6 x 10 Socket Head Capscrew (attach Forming Plate)	hand-tighten	
		M6 x 30 Flat Head Capscrew (attach to socket)	12	9
700-GL481 G-Lock with Pyramid	700-B106	M6 x 16 SS Flat Head Capscrew (attach pyramid)	12	9
700-SP10X Suction Pro	700-B106	M6 x 16 SS Flat Head Capscrew (attach 4-hole components)	12	9
700-SP500 Suction Spacer Plate	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
	700-B104	M6 x 20 Flat Head Capscrew (attach to socket)	12	9
700-SP501 Suction Spacer Plate w/Pyr. Rec.	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
	700-B104	M6 x 20 Flat Head Capscrew (attach to socket)	12	9
700-SP502 Suction Spacer Plate w/Pyr	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
	700-B104	M6 x 20 Flat Head Capscrew (attach to socket)	12	9
700-SP503 Suction Spacer Plate w/Slide Adap	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
700-SP504 Suction Spacer Plate w/5mm Offset	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
700-SP505 Suction Spacer Plate w/10mm Offset	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
LLV-01043 LimbLogic VS Vacuum Plate	700-B104	M6 x 20 Flat Head Capscrew (attach to socket)	12	9
	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
LLV-01044 LimbLogic VS Vacuum Pyramid	700-B093	M6 x 50 Flat Head Capscrew (attach to pump & other components)	12	9
	700-B092	M6 x 55 Flat Head Capscrew (attach to pump & other components)	12	9

Product	Part # (if applicable)	Fastener Description	Torque	
			Nm	Ft-lbs
LLV-02003 LimbLogic VS Drop-In Adapter	700-B092	M6 x 55 Flat Head Capscrew (attach to socket)	12	9
	LLV-02103	1/4 x 20 Socket Head Capscrew (secure distal pad during fabrication) M10-1.5 x 40 Socket Head Capscrew w/Nut (distal pad fabrication)	hand-tighten	hand-tighten
Knees				
GEO-500 GeoLite		M6 x 10 Flathead Capscrew (attach 4-hole threaded adapter)	12	9
GEO-200 GeoFlex		M6 x 12 Flathead Capscrew (attach 4-hole threaded adapter)	12	9
GEO-200 GeoFlex	700-B106	M6 x 16 Flathead Capscrew (attach 4-hole threaded adapter)	12	9
GEO-200, 500 GeoFlex/GeoLite	700-B103	M6 x 25 Socket Head Capscrew (pylon clamp)	11-14	8-10
GEO-025 Threaded Clamp Adapter	700-B104	M6 x 20 Flat Head Capscrew (attach to socket)	12	9
		M5 x 10 Coated Socket Head Capscrew (secure clamp slide)	11	8
STK-222 Stab. Knee Extension Assist	700-B103	M6 x 25 Socket Head Capscrew (spring adjustment)	7	5
Feet (and feet accessories)				
PFDR-XXXX-X Pathfinder	700-B130	M6 x 12 Setscrew (A/P slide adjustment)	7.7	5.7
	700-B132	M8 x 12 Lowhead Capscrew (toe-out adjustment)	24.4	18
PFD-0114 Pathfinder Through 4-Hole Adap	700-B104	M6 x 20 Flat Head Capscrew (attach to socket)	12	9
PFD-0116 Pathfinder Pyramid Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
2LTC-1210 Pyramid Spacer Block	700-B128	M10 x 68 Socket Head Capscrew (used with Impulse)	41	30
Carbon Copy 2 Men's Foot	700-B114	M10 x 50 Socket Head Capscrew	41	30
Carbon Copy 2 Women's Foot	700-B116	M10 x 43 Socket Head Capscrew	41	30
Impulse Foot	700-B116	M10 x 43 Socket Head Capscrew	41	30
Impulse Ankle	700-B126	M10 x 32 Socket Head Capscrew	41	30
SACH Foot	700-B118	M10 x 38 Socket Head Capscrew	41	30
Single Axis Foot		M5 x 10 Capscrew (attach endoskeletal ankle)	7	5
Trailblazer Foot, Trailblazer MA Foot	700-B134	M6 x 6 Setscrew (attach heel)	6.8	5
English thread for use with all feet	700-B120	3/8" x 2.75" Socket Head Capscrew	41	30
Pediatric SACH	700-B200	M8 x 24 Socket Head Capscrew (used with Foot Pyramid Receiver, Symes Nut, or Exo ankle)	20	15
	700-B202	M8 x 32 Socket Head Capscrew (used with Foot Pyramid Adapter)	20	15
Pediatric Impulse	700-B201	M8 x 28 Socket Head Capscrew (used with Foot Pyramid Receiver, Symes Nut, or Exo ankle)	20	15
	700-B203	M8 x 34 Socket Head Capscrew (with Foot Pyr. Adapter)	20	15
PPK-GKIT Growth Kit	700-B204	M8 x 55 Socket Head Capscrew	20	15
DuraLite Foot	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
	700-B090	M6 x 10 Setscrew (attach prox. adapter to foot)	7	5
		M3 x 6 Socket Head Capscrew (attach stair guard)	hand-tighten	
700-B091	M8 x 16 Socket Head Capscrew (attach heel to shank)	21	16	
Fusion Foot	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
	700-B090	M6 x 10 Setscrew (attach prox. adapter to foot)	7	5
		M3 x 6 Socket Head Capscrew (attach stair guard)	hand-tighten	
	700-B106	M6 x 16 SS Flat Head Capscrew (attach heel)	12	9
	700-B135	M6 x 18 SS Flat Head Capscrew (attach heel)	12	9
FFA-1008	Special M8 Shoulder Bolt (attach heel and shank to foot plate)	12	9	

Product	Part # (if applicable)	Fastener Description	Torque	
			Nm	Ft-lbs

WillowWood Fasteners by Type

Part # (if applicable)	Description	Uses
	M3 x 6 Socket Head Capscrew	DLF-XXXX-XX-X DuraLite™ Foot (attach stair guard) FFT-XXXX-XX-X Fusion™ Foot (attach stair guard)
	M4 x 20 Socket Head Capscrew	PPF-130000 P-POD 22mm Tube Clamp Adap. (pylon clamp)
	M5 x 10 Socket Head Capscrew	PPF-700250 P-POD Lam. Socket Attach. Block (attach lam. cap)
	M5 x 10 Socket Head Capscrew, Coated	GEO-025 Threaded Clamp Adapter (secure clamp slide) FND-228002 4-Hole Rotatable Rec. (secure clamp slide) FND-228003 4-Hole Rotatable Pyr. (secure clamp slide)
	M6 x 8 Socket Head Capscrew	700-AL60X, Lamination Lock (attach Lamination Plate)
	M6 x 10 SS Flathead Capscrew	GEO-200 GeoFlex (attach 4-hole component) FND-135105/06/07 Angle Offset Plate (attach components to Angle Plate)
	M6 x 12 Flathead Capscrew	GEO-500 GeoLite (attach 4-hole component)
	M6 x 10 Socket Head Capscrew	700-AIS48X Alpha® Lock (attach Forming Plate) 700-AIS10X Locking Lanyard (attach Forming Plate)
	M6 x 12 Socket Head Capscrew	700-200/250 Lam. Socket Attachment Block (attach lamination cap)
	M6 x 40 Flat Head Capscrew	FND-995000 Comp. TP Pyramid Adapter (attach to socket)
	M8 x 40 Socket Head Capscrew	700-AL60X Lamination Lock (attach Lock Body to Fab. Post)
	1/4" x 20 Socket Head Capscrew	LLV-02003 (secure distal pad during fabrication)
FFA-1008	Special M8 Shoulder Bolt	FFT-XXXX-XX-X Fusion Foot (attach heel and shank to foot plate)
LLV-02103	M10-1.5 x 40 Socket Head Capscrew w/Nut	LLV-02003 LimbLogic® VS Drop-In Adapter (attach to socket)
700-B090	M6 x 10 Setscrew	DLF-XXXX-XX-X Duralite Foot (attach proximal adapter to foot) FFT-XXXX-XX-X Fusion Foot (attach proximal adapter to foot)
700-B091	M8 x 16 Socket Head Capscrew	DLF-XXXX-XX-X Duralite Foot (attach heel to shank)
	M8 x 18 Socket Head Capscrew	PPF-1540 Pediatric Exo Lam. Core (attach lamination cap) PPF-FS006 Pediatric Symes Nut (attach lamination cap)
700-B092	M6 x 55 Flat Head Capscrew	LLV-01044 LimbLogic VS Vac. Pyr. (attach to pump & other components) LLV-02003 LimbLogic VS Drop-In Adapter (attach to socket)
700-B093	M6 x 50 Flat Head Capscrew	LLV-01044 LimbLogic VS Vac. Pyr. (attach to pump & other components)
700-B100	M6 x 30 Flat Head Capscrew	700-AIS48X Alpha Lock (attach to socket)
	M6 x 30 Flat Head Capscrew, Alloy Steel	700-AIS10X Alpha Lanyard (attach to socket)
700-B102	M6 x 25 Flat Head Capscrew	700-375 3/8" 4-Hole Spacer Plate (attach to prosthesis) 700-SP500 Suction Spacer Plate (attach to socket) 700-SP501 Suction Spacer Plate w/Pyr. Rec. (attach to socket) 700-SP502 Suction Spacer Plate w/Pyr (attach to socket) 700-SP503 Suction Spacer Plate w/Slide Adap (attach to socket)

Part # (if applicable)	Description	Uses
700-B102	M6 x 25 Flat Head Capscrew (cont'd)	700-SP504 Suction Spacer Plate w/5mm Offset (attach to socket) 700-SP505 Suction Spacer Plate w/10mm Offset (attach to socket) LLV-01043 LimbLogic VS Vacuum Plate (attach to socket)
700-B103	M6 x 25 Socket Head Capscrew	FND-130030 Alum. 30mm Adapter (pylon clamp) FND-220030 Titan. 30mm Adapter (pylon clamp) FND-134130 Alum. 4-Hole 30mm Adapter (pylon clamp) MHD-002 Magnum 30mm Adapter (pylon clamp) FND-268000, 001 AK Rotatable 3-Prong Adap., Rec. (clamp) FND-268002 AK Rotatable 3- Prong Base (clamp) STK-222 Stab. Knee Extension Assist (spring adjustment) GEO-200, 500 GeoFlex/GeoLite (pylon clamp)
700-B104	M6 x 20 Flat Head Capscrew	700-SP500 Suction Spacer Plate (attach to socket) 700-SP501 Suction Spacer Plate w/Pyr. Rec. (attach to socket) 700-SP502 Suction Spacer Plate w/Pyr (attach to socket) GEO-025 GeoFlex Threaded Clamp Adapter (attach to socket) FND-228002 4-Hole Rotatable Pyr. Rec. (attach to prosthesis) FND-228003 4-Hole Rotatable Pyr. (attach to prosthesis) PFD-0114 Pathfinder Through 4-Hole Adap (attach to socket) LLV-01043 LimbLogic VS Vacuum Plate (attach to socket)
700-B105	M6 x 20 Flat Head Capscrew, Coated	700-300 1/8" 4-Hole Spacer Plate (attach to prosthesis)
700-B106	M6 x 16 SS Flat Head Capscrew	700-SP10X Suction Pro (attach 4-hole components) 700-AL60X, Lamination Lock (attach 4-hole components) FND-224120 20mm Offset Pyramid (attach to prosthesis) GEO-200, 500 GeoFlex/Lite (attach 4-hole component) 700-GL481 G-Lock with Pyramid (attach pyramid) FFT-XXXX-XX-X Fusion Foot (attach heel) FND-135105 Angle Offset Plate (attach Angle Plate to prosthesis) FND-135105/106/107 Offset Plates (attach plate to prosthesis)
700-B107	M6 x 16 Flat Head Capscrew, Coated	700-200/250 Lam. Socket Attachment Block (attach 4-hole components)
700-B110	M8 x 25 Setscrew	700-AL48X Alpha Lock (attaches Distal Adapter to Fabricating Dome)
700-B114	M10 x 50 Socket Head Capscrew	Carbon Copy 2 Men's Foot
700-B116	M10 x 43 Socket Head Capscrew	Carbon Copy 2 Women's Foot; Impulse Foot
700-B118	M10 x 38 Socket Head Capscrew	SACH Foot
700-B120	3/8" x 2.75" Socket Head Capscrew	English thread for use with all feet
700-B122	M8 x 12 Setscrew	Shorter setscrews to use in place of M8-1.25 x 16mm setscrews in cases of extreme alignment
700-B126	M10 x 32 Socket Head Capscrew	Impulse Ankle (used with Impulse Foot)
700-B128	M10 x 68 Socket Head Capscrew	2LTC-1210 Pyramid Spacer Block (used with Impulse)
700-B130	M6 x 12 Setscrew	PFDR-XXXX-X Pathfinder (A/P slide adjustment)
700-B132	M8 x 12 Lowhead Capscrew	PFDR-XXXX-X Pathfinder (toe-out adjustment)
700-B134	M6 x 6 Setscrew	Trailblazer Foot, Trailblazer MA Foot (attach heel)

Part # (if applicable)	Description	Uses
700-B135	M6 x 18 SS Flat Head Capscrew	FFT-XXXX-XX-X Fusion Foot (attach heel)
700-B200	M8 x 24 Socket Head Capscrew	Pediatric SACH (with Foot Pyr. Receiver, Symes Nut, or Exo ankle)
700-B201	M8 x 28 Socket Head Capscrew	Pediatric Impulse (with Foot Pyr. Receiver, Symes Nut, or Exo ankle)
700-B202	M8 x 32 Socket Head Capscrew	Pediatric SACH (with Foot Pyr. Adapter)
700-B203	M8 x 34 Socket Head Capscrew	Pediatric Impulse (with Foot Pyr. Adapter)
700-B204	M8 x 55 Socket Head Capscrew	PPK-GKIT Pediatric Growth Kit
700-B220	M5 x 12 Flat Head Capscrew	PPF-227014 Pediatric 4-Hole Pyramid (attach to prosthesis) PPF-137004 Pediatric 4-Hole Pyramid Rec. (attach to prosthesis) PPF-SP471 Pediatric Titanium Suction Pyr. (attach to prosthesis) PPF-700250 Pediatric Lam. Socket Attach. Block (attach 4-hole components)
700-B221	M5 x 16 Flat Head Capscrew	PPF-994118 Pediatric 1/8" Spacer Plate (attach to prosthesis)
700-B222	M5 x 20 Flat Head Capscrew	PPF-994114 Pediatric 1/4" Spacer Plate (attach to prosthesis)
700-B223	M6 x 12 Setscrew	PPF-137004 Pediatric 4-Hole Pyr. Receiver (adjust alignment) PPF-130000 Pediatric 22mm Tube Clamp Adap. (adjust alignment) PPF-131330 Pediatric 300mm Pylon w/Fixed Adap. (adjust alignment) PPF-131340 Pediatric 400mm Pylon w/Fixed Adap. (adjust alignment) PPF-138027 Pediatric 27mm Dual Receiver (adjust alignment) PPF-138051 Pediatric 51mm Dual Receiver (adjust alignment) PPF-1209 Pediatric Alum. Foot Pyr. Rec. (adjust alignment)
700-FS002	M8 x 16 Setscrew	FND-130030 Alum. 30mm Adapter (adjust alignment) FND-220030 Titan. 30mm Adapter (adjust alignment) FND-131330 Al. Fixed Adap. w/30mm tube (adjust alignment) FND-221330 Ti. Fixed Adap. w/30mm tube (adjust alignment) FND-139930 Al. Fixed Adap. w/23mm rod (adjust alignment) FND-229930 Ti. Fixed Adap. w/23mm rod (adjust alignment) FND-228002 4-Hole Rotatable Pyr. Rec. (adjust alignment) FND-268000 AK Rotatable 3-Prong Pyr. Rec. (adjust alignment) FND-268004 Threaded Rotatable Pyr. Rec. Insert (adjust alignment) FND-228075 75mm Dual Receiver (adjust alignment) FND-228060 60mm Dual Receiver (adjust alignment) FND-228045 45mm Dual Receiver (adjust alignment) FND-228032 32mm Dual Receiver (adjust alignment) FND-136101 Duralite/Fusion Pyramid Adapter FND-136102 Duralite/Fusion Pyramid Receiver MHD-002 Magnum 30mm Adapter (adjust alignment) MHD-PR-4 Magnum Titan. 4-Hole Pyr. Receiver (adjust alignment) PFD-0116 Pathfinder Pyramid Receiver (adjust alignment)



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