

## Torque Specifications

Part #	Description	Screw Size	Function	ft/lbs	Nm	Loctite
<b>ALUMINUM COMPONENTS</b>						
AL-10T	Aluminum 10" 30mm Seamless Pylon	None				
AL-17T	Aluminum 17" Seamless Pylon	None				
AL-416B	Aluminum 4 Hole Spacer Plate (.08)	None				
AL-418B	Aluminum ROUND 1/8" 4 Hole Space Plate	None				
AL-420L	Round Aluminum 4 Hole Laminating Plate	M6x20 & M6x25	Mounting Screws	11	15	242
AL-420L-TH	Round Aluminum 4 Hole Laminating Plate w/ Ctr THREAD	M6x20 & M6x25	Mounting Screws	11	15	242
AL-409-OS	Alum 4 Hole 9mm Offset Plate	M6x12 & M6X16	Mounting Screws	11	15	
AL-413-OS	Alum 4 Hole 13mm Offset Plate	M6x12 & M6X16	Mounting Screws	11	15	
AL-419-OS	Alum 4 Hole 19mm Offset Plate	M6x12 & M6X16	Mounting Screws	11	15	
AL-425-OS	Alum 4 Hole 25mm Offset Plate	M6x12 & M6X16	Mounting Screws	11	15	
AL-430L	Square Aluminum 4 Hole Laminating Plate	M6x20 & M6x25	Mounting Screws	11	15	242
AL-TF900SET	Aluminum Thermoplastic Attach Plate Set	M6x20	Mounting Screws	11	15	242
<b>STAINLESS STEEL COMPONENTS</b>						
SS-01MS	Stainless Steel Pyramid Adapter w/ Female Rotation Thread	M5x.08x25	Clamping Screw	7	9	242
SS-100C	Stainless Steel Tube Clamp Adapter	M5x.08x20	Clamping Screw	7	9	242
		M8-1.25x12	Set Screws	20	15	242
SS-10TC	10" 30mm Pylon w/ Stainless Steel Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
SS-132D	Stainless Steel 32mm Dual Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
SS-145D	Stainless Steel 45mm Dual Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
SS-160D	Stainless Steel 60mm Dual Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
SS-175D	Stainless Steel 75mm Dual Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
SS-177C	17" 30mm Pylon w/ Stainless Steel Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
SS-300LM	Stainless Steel 3 Prong Laminating Base	None				
SS-400B	Stainless Steel 4 Hole Pyramid Adapter	Mounting Block Specs				
SS-425BH	Stainless Steel 4 Hole Pyramid Adapter w/ Hole	Mounting Block Specs				
SS-500P	Stainless Steel Foot Pyramid Adapter	M10x1.5x65	Attachment Bolt	20	32	242
SS-60FS	Stainless Steel Receiver Adapter w/ Female Rotation Thread	M5x.08x25	Clamping Screw	7	9	242
		M8-1.25x12	Set Screws	11	15	242
SS-700LM	Stainless Steel Rotating Pyramid Adapter w/ 3 Prong Base	M5x.08x25	Clamping Screw	7	9	242
SS-740L	Stainless Steel 4 Prong Laminating Adapter	None				
SS-750LM	Stainless Steel Rotating Receiver Adapter w/ 3 Prong Base	M5x.08x25	Clamping Screw	7	9	242
		M8-1.25x12	Set Screws	11	15	242
<b>TITANIUM COMPONENTS</b>						
TI-01-MS	Titanium Pyramid Adapter w/ Female Rotation Thread	M5x.08x25	Clamping Screw	7	9	242
TI-100C	Titanium Tube Clamp Adapter	M5x.08x20	Clamping Screw	7	9	242
		M8-1.25x12	Set Screws	11	15	242
TI-10TC	10" 30mm Pylon w/ Titanium Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-10TC-I	10" 30mm Pylon w/ Titanium "INTERNAL" Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-110AT	Titanium Adjustable Pylon / Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-115DM	Titanium Dual Pyramid Adapter	None				
TI-120P	Titanium Tube Clamp With Pyramid Adapter	M5x.08x20	Clamping Screw	7	9	242
TI-125P	Titanium Pyramid /Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-132D	Titanium 32mm Dual Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-145D	Titanium 45mm Dual Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-160D	Titanium 60mm Dual Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-175D	Titanium 75mm Dual Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-177C	17" 30mm Pylon w/ Titanium Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-177C-I	17" 30mm Pylon w/ Titanium "INTERNAL" Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
CPF-400	Titanium Pre-Form 4 Hole PLATE (Cap Included) See Pre-Form Section for connector & Socket Complete	None				
TI-400A	Titanium Offset 4 Hole Pyramid Adapter (Axial)	Mounting Block Specs				
TI-400B	Titanium 4 Hole Pyramid Adapter	Mounting Block Specs				
TI-400D	Titanium Offset 4 Hole Pyramid Adapter (Diagonal)	Mounting Block Specs				
TI-400-RM	Titanium Rotating 4 Hole Pyramid Adapter	M6x20 & M6x25	Mounting Screws	11	15	242
TI-406PAT	Titanium Rotating 4 Hole Pyramid Adaptor w/ Threaded Mounting Holes	M6x20 & M6x25	Mounting Screws	11	15	242
TI-425BH	Titanium 4 Hole Pyramid Adapter w/Hole	Mounting Block Specs				
TI-450BF	Titanium 4 Hole Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
TI-455RF	Titanium Rotating 4 Hole Receiver Adapter	M6x20 & M6x25	Mounting Screws	11	15	242
		M8-1.25x12	Set Screws	11	15	242
TI-456PAT	Titanium Rotating 4 Hole Receiver Adapter w/ Threaded Mounting Holes	M6x20 & M6x25	Mounting Screws	11	15	242
		M8-1.25x12	Set Screws	11	15	242
TI-460B	Titanium Center Thread Clamping 4 Hole Rotation Base	M6x20 & M6x25	Mounting Screws	11	15	242
		M5x.08x25	Clamping Screw	7	9	242
TI-460RM	Titanium Center Thread Clamping 4 Hole Rotation Base w/ Pyramid Adapter	M6x20 & M6x25	Mounting Screws	11	15	242
		M5x.08x25	Clamping Screw	7	9	242
TI-465RF	Titanium Center Thread Clamping 4 Hole Rotation Base w/ Receiver Adapter	M6x20 & M6x25	Mounting Screws	11	15	242
		M5x.08x25	Clamping Screw	7	9	242
		M8-1.25x12	Set Screws	11	15	242
TI-500P	Titanium Foot Pyramid Adapter (Includes Bolt & Pins)	M10x1.5x65	Attachment Bolt	20	32	242
500P-PL	Plastic Foot Pyramid Cover	None				
TI-600AD	Titanium 4 Hole Adapter w/ Alignable Dome-Pyramid	Mounting Block Specs				
		M8 X 20 - 25	Set Screws	11	15	242
TI-675AR	Titanium Alignable Offset and Rotating Dual Receiver Adapter	M8 X VARIOUS	Set Screws	11	15	242
TI-60FS	Titanium Receiver Adapter w/ Female Rotation Thread	M5x.08x25	Clamping Screw	7	9	242

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Part #	Description	Screw Size	Function	ft./lbs	Nm	Loctite
		M8-1.25x12	Set Screws	11	15	242
TI-700LM	Titanium Rotating Pyramid Adapter w/ SS 3 Prong Base	M5x.08x25	Clamping Screw	7	9	242
TI-740L	Titanium 4 Prong Laminating Adapter	None				
TI-740-RM	Titanium 4 Prong Laminating Adapter w/ Titanium Rotating Pyramid Adapter	M5x.08x25	Clamping Screw	7	9	242
TI-745-RF	Titanium 4 Prong Laminating Adapter w/ Titanium Rotating Receiver Adapter	M5x.08x25	Clamping Screw	7	9	242
		M8-1.25x12	Set Screws	11	15	242
TI-750LM	Titanium Rotating Receiver Adapter w/ SS 3 Prong Base	M5x.08x25	Clamping Screw	7	9	242
		M8-1.25x12	Set Screws	11	15	242
CPF-800	Titanium Pre-Form PYRAMID Adapter Only (Cap Included) See Pre-Form Section for connector & Socket Complete	M6x20 & M6x25	Mounting Screws	11	15	242
<b>PEDIATRIC COMPONENTS</b>						
JR-100C	Pediatric 22mm Titanium Tube Clamp Adapter	M6x10	Set Screws	8	10	242
		M4-0.7x16	Clamping Screw	5	7	242
JR-100C-A	Pediatric Titanium 22mm Tube Clamp Adapter with Standard Adult Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
		M4-0.7x16	Clamping Screw	5	7	242
JR-100C-LONG	Pediatric 22mm Titanium Tube Clamp Adapter "LONG" (25mm longer than standard Pediatric Tube Clamp Adapter)	M6x10	Set Screws	8	10	242
		M4-0.7x16	Clamping Screw	5	7	242
JR-10T	Pediatric 22mm 10" Inch Pylon	None				
JR-10TC	Pediatric 10" 22mm Pylon with Pediatric Titanium Receiver	M6x10	Set Screws	8	10	242
JR-10TC-A	Pediatric 22mm 10" Pylon with 30mm Titanium Receiver Adapter	M8-1.25x12	Set Screws	11	15	242
JR-400B	Pediatric Titanium 4 Hole Pyramid Adapter	Mounting Block Specs				
JR-416B	Pediatric Aluminum 4 Hole Spacer Plate	None				
JR-AL-420L	Pediatric Aluminum 4 Hole Laminating Plate	M6x20 & M6x25	Mounting Screws	11	15	242
JR-425BH	Pediatric Titanium 4 Hole Pyramid Adapter w/ Hole	Mounting Block Specs				
JR-450BF	Pediatric Titanium 4 Hole Receiver Adapter	Mounting Block Specs	Mounting Screws			
		M6x10	Set Screws	11	15	242
JR-500P	Pediatric Foot Pyramid Adapter	M8x1.25x50	Attachment Bolt	15	21	242
<b>HEAVY DUTY COMPONENTS (500 LBS)</b>						
HD-100C	Heavy Duty Titanium 34mm Titanium Tube Clamp (Rated to 500 lbs)	M10x16	Set Screws	11	15	242
		M6-1.0x20	Clamping Screw	8.5	12	242
HD-100C-A	Heavy Duty 34mm Titanium Tube Clamp w/ 30mm Receiver Adapter (Rated to 500 lbs)	M8-1.25x12	Set Screws	9	12	242
		M6-1.0x20	Clamping Screw	8.5	12	242
HD-105C	Heavy Duty 34mm Titanium Tube Clamp w/ 30mm Receiver Adapter W/ 5mm Offset (Rated to 500 lbs)	M10x16	Set Screws	11	15	242
		M6-1.0x20	Clamping Screw	8.5	12	242
HD-110AT	Heavy Duty Titanium 34mm Titanium Receiver / Pylon (Rated to 500 lbs)	M10x16	Set Screws	11	15	242
HD-132D	Heavy Duty Titanium 34mm Titanium 2 INCH Dual Receiver (Rated to 500 lbs)	M10x16	Set Screws	11	15	242
HD-425BH	Heavy Duty 34mm Titanium 4 HOLE Pyramid Adapter W/ HOLE (Rated to 500 lbs)	None				
HD-500P	Heavy Duty 34mm Titanium Foot Pyramid Adapter (Rated to 500 lbs)	M10x1.5x65	Attachment Bolt	20	32	242
HD-740L	Heavy Duty 34mm Titanium 4 Prong Laminating Pyramid (Rated to 500 lbs)	None				
HD-AL-PYLON	10 Inch 34mm HEAVY DUTY ALUM Pylon ACTUAL LENGTH 11.75 (Rated to 500 lbs)	None				
<b>SLEEVE SYSTEM COMPONENTS</b>						
AL-40-SLCL	Aluminum Dual Threaded Sleeve Clamp 40mm	M5x.08x25	Clamping Screw	7	9	242
AL-60-SLCL	Aluminum Dual Threaded Sleeve Clamp 60mm	M5x.08x25	Clamping Screw	7	9	242
AL-80-SLCL	Aluminum Dual Threaded Sleeve Clamp 80mm	M5x.08x25	Clamping Screw	7	9	242
AL-100-SLCL	Aluminum Dual Threaded Sleeve Clamp 100mm	M5x.08x25	Clamping Screw	7	9	242
AL-5-SLSP	Aluminum Threaded Sleeve Spacer 5mm	None				
AL-7.5-SLSP	Aluminum Threaded Sleeve Spacer 7.5mm	None				
AL-10-SLSP	Aluminum Threaded Sleeve Spacer 10mm	None				
AL-12.5-SLSP	Aluminum Threaded Sleeve Spacer 12.5mm	None				
AL-15-SLSP	Aluminum Threaded Sleeve Spacer 15mm	None				
TI-SL75-RM	Titanium Receiver Adapter w/ Male Thread	M8-1.25x12	Set Screws	11	15	242
TI-SL70-PM	Titanium Pyramid Adapter w/ Male Thread	None				
TI-SL75-RF	Titanium Receiver Adapter w/ Female Thread	M8-1.25x12	Set Screws	11	15	242
		M5x.08x25	Clamping Screw	7	9	242
TI-SL70-PF	Titanium Pyramid Adapter w/ Female Thread	M5x.08x25	Clamping Screw	7	9	242
TI-600-SLA-PM	Titanium Pyramid Adapter w/ Male Dovetail	None				
TI-610-SLA-TF	Titanium Male Thread with Female Dovetail Slide Adapter	M5x.08x25	Clamping Screw	7	9	242
TI-615-SLA-CF	Titanium 30mm Tube Clamp Adapter w/ Female Dovetail	M5x.08x20	Clamping Screw	7	9	242
		M8-1.25x12	Set Screws	11	15	242
TI-620-SLA-FF	Titanium Dual Female Dovetail Adapter	M8-1.25x12	Set Screws	11	15	242
TI-630-SLA-RF	Titanium Receiver with Female Dovetail Adapter	M8-1.25x12	Set Screws	11	15	242
TI-640-SLA-PF	Titanium Pyramid with Female Dovetail Adapter	M8-1.25x12	Set Screws	11	15	242
TI-650-SLA-RM	Titanium Receiver with Male Dovetail Adapter	M8-1.25x12	Set Screws	11	15	242
TI-655-SLA-CM	Titanium 30mm Tube Clamp Adapter w/ Male Dovetail	M5x.08x20	Clamping Screw	7	9	242



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