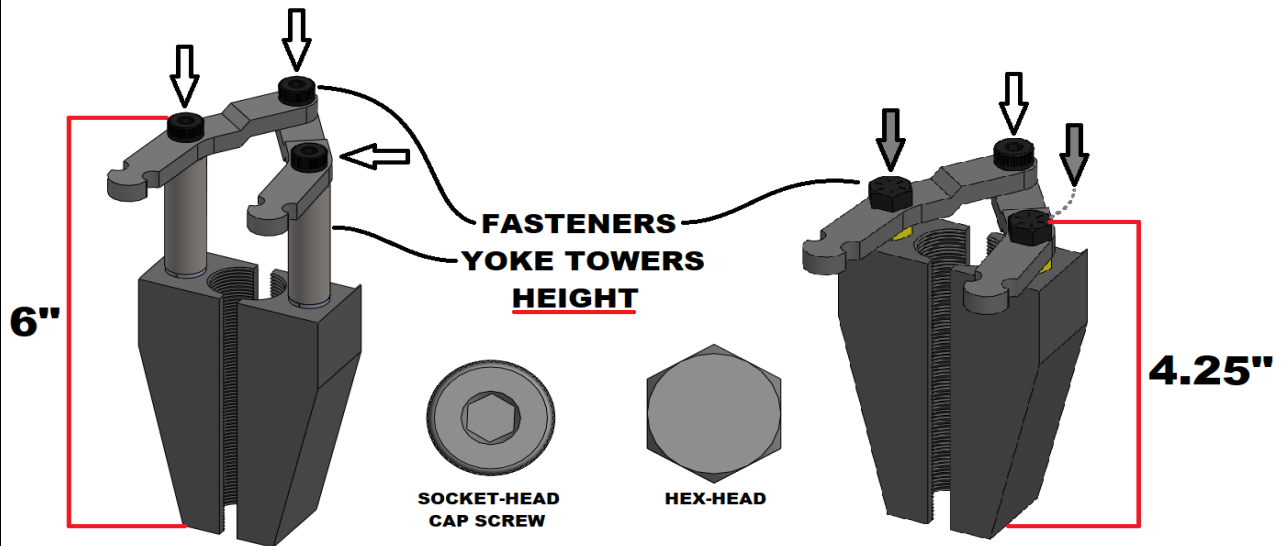


TALL vs. SHORT Gripper Assembly Chart



Tall Gripper Assembly (TTA-GA-xxML)	Short Gripper Assembly (TTA-SGA-xxML)
6" Top to Bottom	4.25" Top to Bottom
FASTENERS	
Tall Gripper Assemblies have 3x socket-head cap screws marked by the <u>white arrows</u> . The heads of the fastener take a 5/32" hex driver.	Short Gripper Assemblies have only 1x socket-head cap screw, and 2x hex-head screws marked by the <u>gray arrows</u> . The hex fits a 7/16" wrench.
YOKE TOWERS	
Tall Gripper Assemblies have 2x Yoke Towers as shown above. These provide clearance between the articulating Yoke Arms and the cable puller.	Short Gripper Assemblies have 2x short nuts (5/32" tall) in place of Yoke Towers. The hex-head screws thread directly into the nuts and grippers.
PULLERS	
M50 Top and Bottom V24 Top and Bottom X30 Bottom on ALL UNITS X30 Top (Serial num less than #600 on Top Bridge)	P38 Top and Bottom P51 Top and Bottom E24 Top and Bottom X30 Top ONLY (Serial #600+ on the Top Bridge)