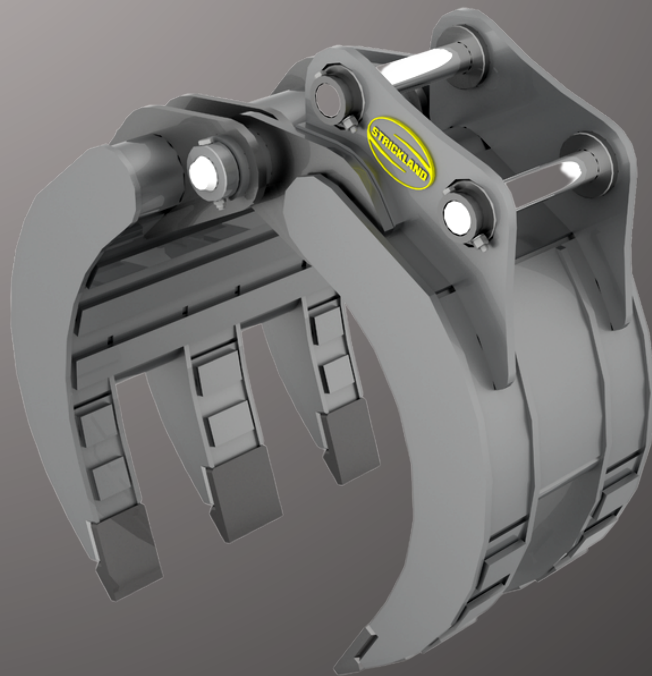


STRICKLAND

OPERATOR'S MANUAL

GRAPPLE INSTALLATION
MANUAL



READ BEFORE INSTALLATION AND OPERATION



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PAGE 3-4: DIRECT MOUNT GRAPPLE INSTALLATION

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PAGE 7-9: COUPLER MOUNT GRAPPLE WITH COUPLER INSTALLATION

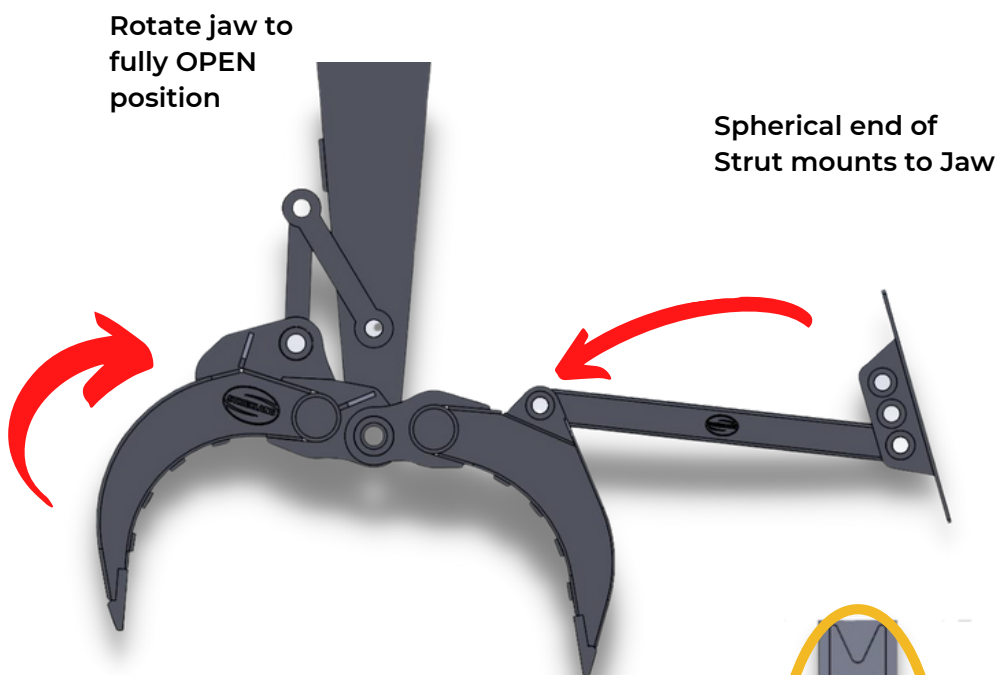
PAGE 9: WORKING ZONES

DIRECT MOUNT GRAPPLE INSTALLATION

STEP 1

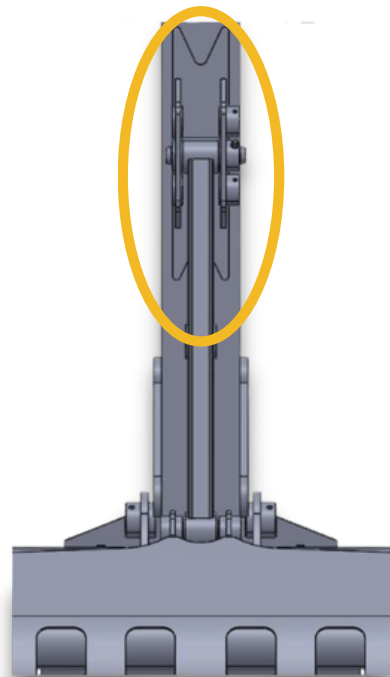
Mount the grapple to the stick of machine then open the jaws, connect the Strut and Baseplate to grapple Jaw then rotate Bucket cylinder to fully open position as shown in Figure 1.

FIGURE 1



STEP 2

Place baseplate against the stick as shown in figure 2.



DIRECT MOUNT GRAPPLE INSTALLATION

STEP 3

Allow the Jaw to rest on hard the ground, use the stick of machine to rotate the jaw to the desired position. Once happy with the position check the clearance is met as shown in Figure 3. Center baseplate and tack weld in position, then test the range of motion as shown in figure 4 and 5.

FIGURE 3

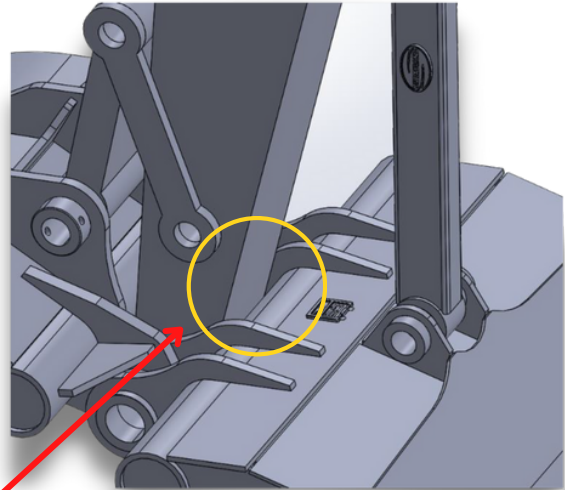
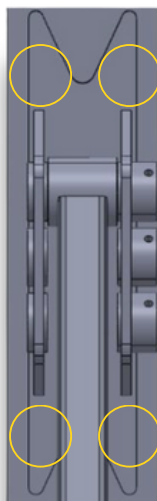


FIGURE 4



Allow for minimum 1.5" clearance from jaw to stick face

Tack into position in locations shown.

FIGURE 5



Step 4

Once tacked rotate the jaw until both jaws contact as shown in figure 5, if jaws do not contact simply readjust baseplate position by moving down the stick and tack then repeat a range of motion test.

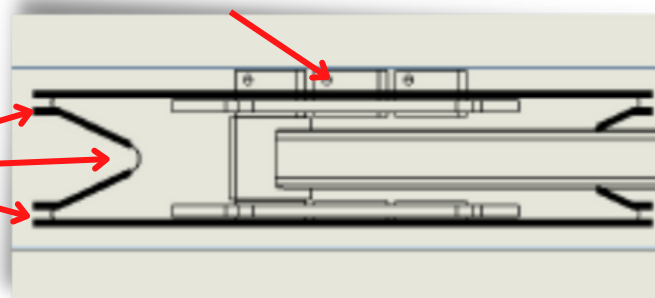
Step 5

Finally weld baseplate as shown in Figure 6

FIGURE 6

Do not Weld

1/2" Weld using E7018 or Equivalent



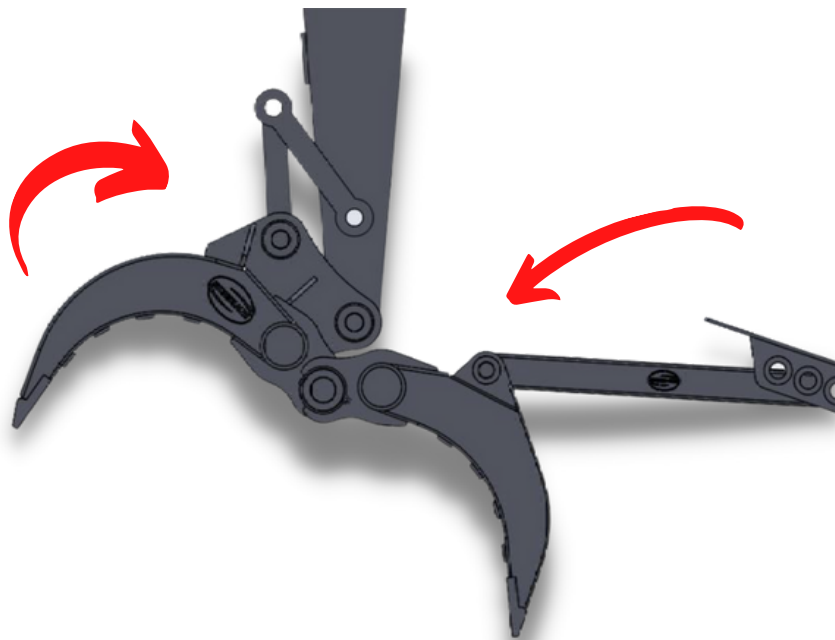
Extend welds 1" and taper welds flush to mating surface 0.08"

QUICK HITCH GRAPPLE DIRECTLY MOUNTED INSTALLATION

Step 1

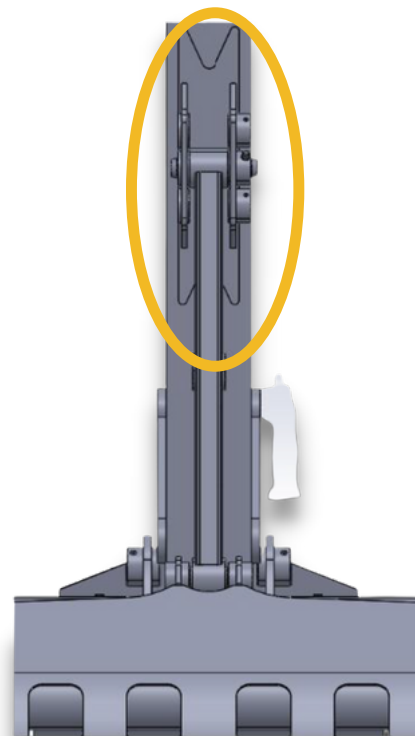
Mount the grapple to the stick of machine then open the jaws, connect the Strut and Baseplate to grapple Jaw then rotate Bucket cylinder to fully open position as shown in Figure 1.

Figure 1



STEP 2

Place baseplate against the stick as shown in figure 2.



STEP 3

Allow the Jaw to rest on hard ground, use the stick of machine to rotate the jaw to the desired position. Once happy with the position check the clearance is met as shown in Figure 3. Center baseplate and tack weld in position, then test the range of motion as shown in figure 4 and 5.

FIGURE 3

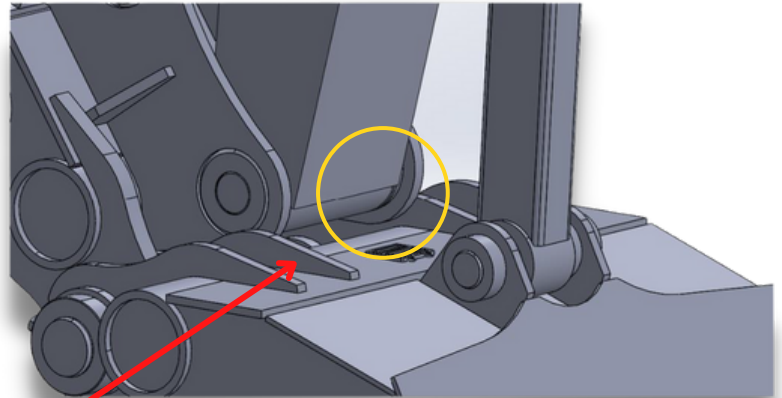
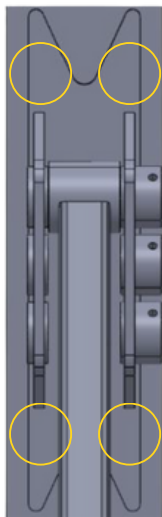


FIGURE 4



Allow for minimum 1.5" clearance from jaw to stick face.

Tack into position in locations shown.

FIGURE 5



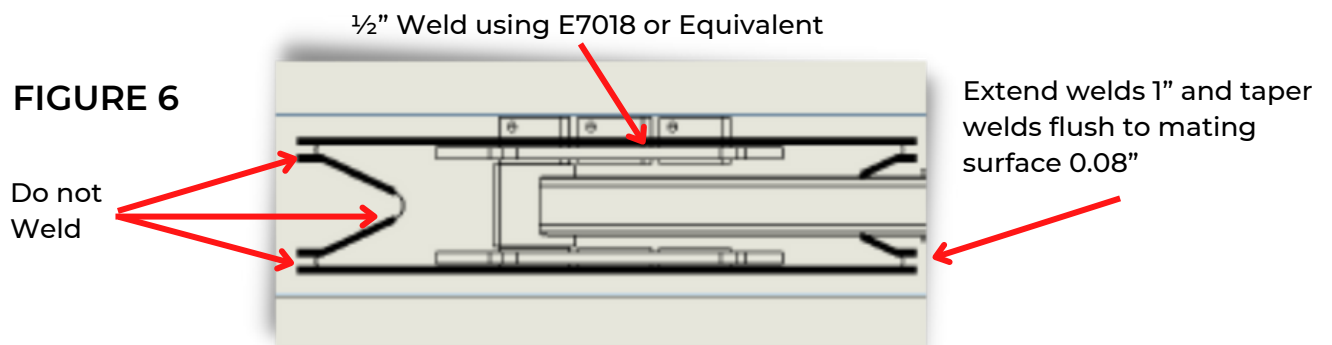
Step 4

Once tacked rotate the jaw until both jaws contact as shown in figure 5, if jaws do not contact simply readjust baseplate position by moving down the stick and tack then repeat a range of motion test.

Step 5

Finally weld baseplate as shown in Figure 6

FIGURE 6



QUICK HITCH GRAPPLE INSTALLATION

Step 1

Attach quick coupler to grapple, before locking coupler check to make sure coupler is centered between grapple ears as seen in figure 1. Once centered open jaws, connect Strut and Baseplate to grapple Jaw followed by rotating Bucket cylinder to fully open position as shown in Figure 2.

FIGURE 1

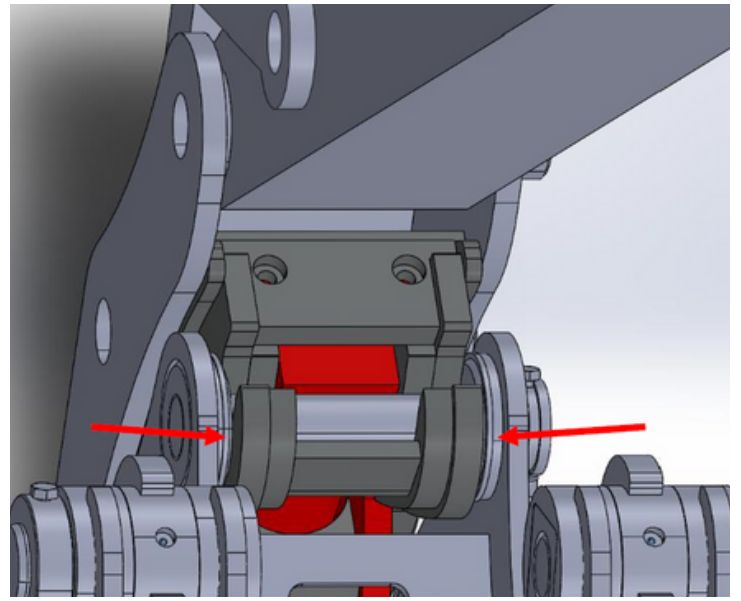
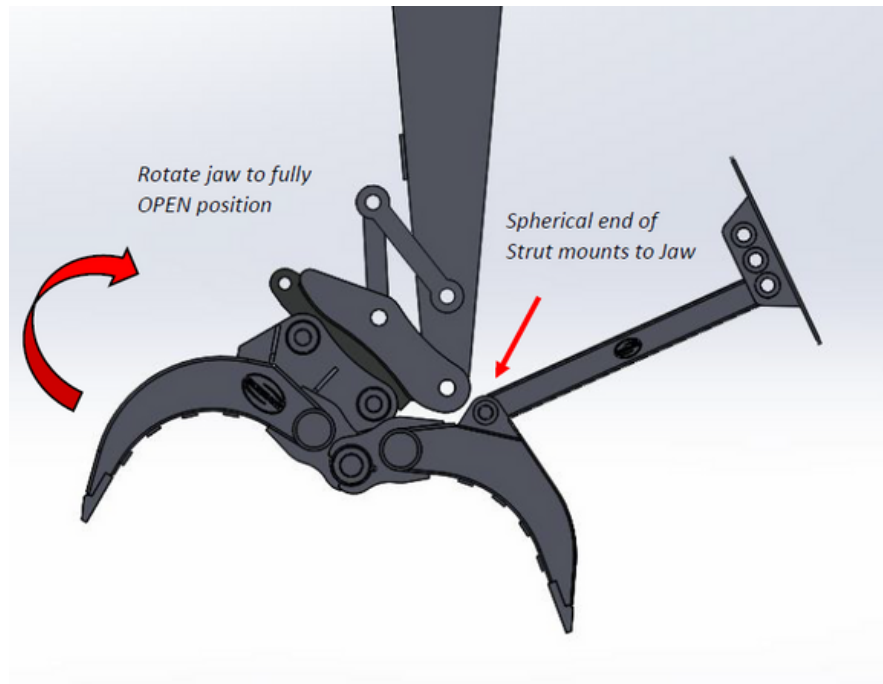


FIGURE 2



Step 1

Place baseplate against stick as shown in figure 3

FIGURE 3

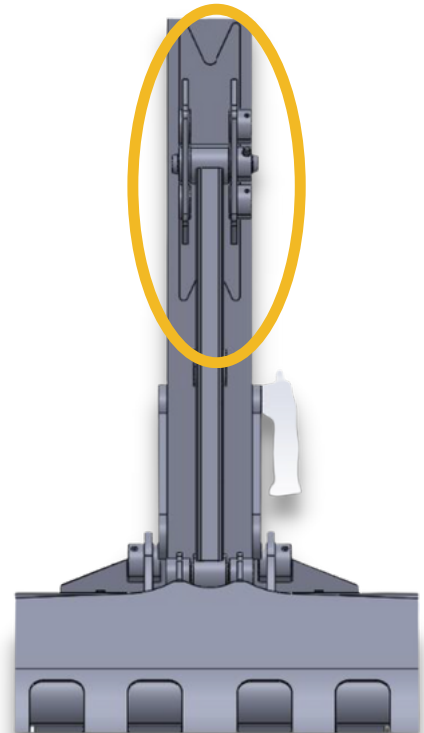
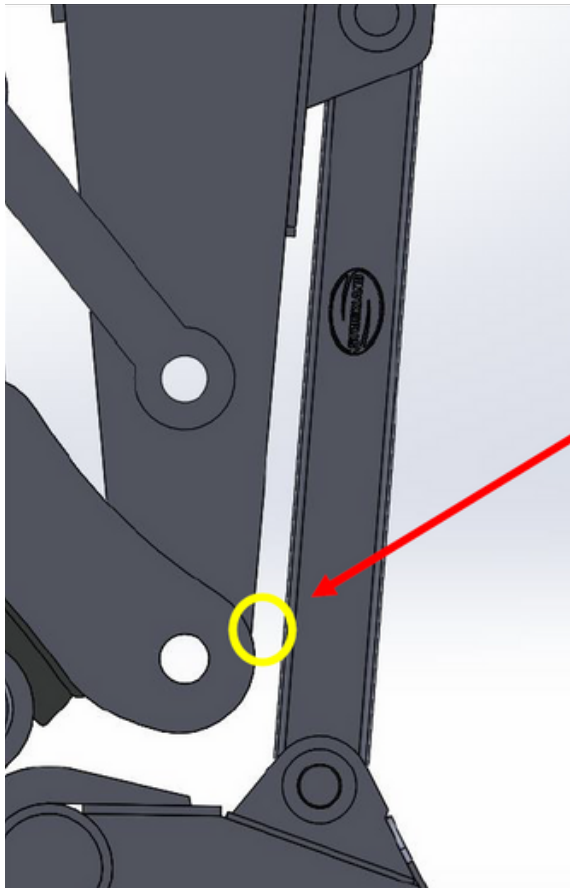


FIGURE 4

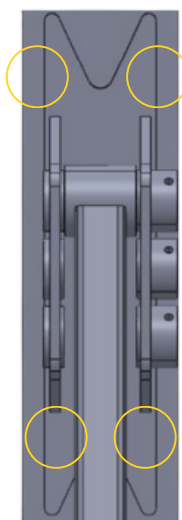


Allow for minimum 1.5" clearance from bottom of stick to strut

Step 3

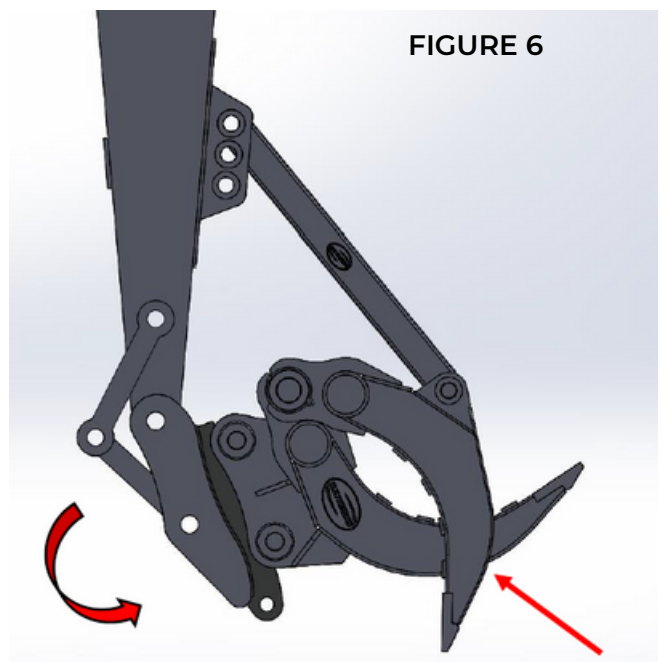
Allow the Jaw to rest on hard ground, use the stick of machine to rotate the jaw to the desired position. Once happy with the position check the clearance is met as shown in Figure 4. Center baseplate and tack weld in position, then test the range of motion as shown in figure 5 and 6.

FIGURE 5



Tack into position in locations shown.

FIGURE 6



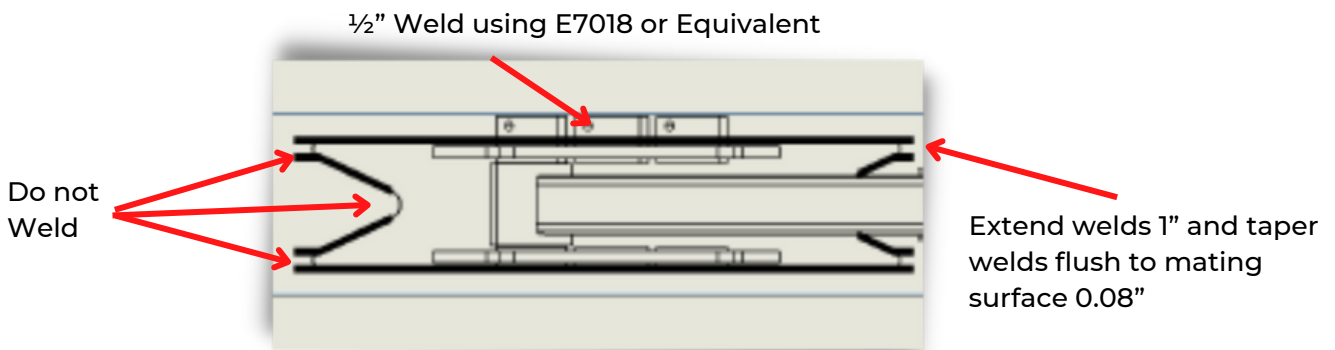
Step 4

Once tacked rotate the jaw until both jaws contact as shown in figure 6, if jaws do not contact simply readjust baseplate position by moving down the stick and tack then repeat a range of motion test.

Step 5

Finally weld baseplate as shown in Figure 7

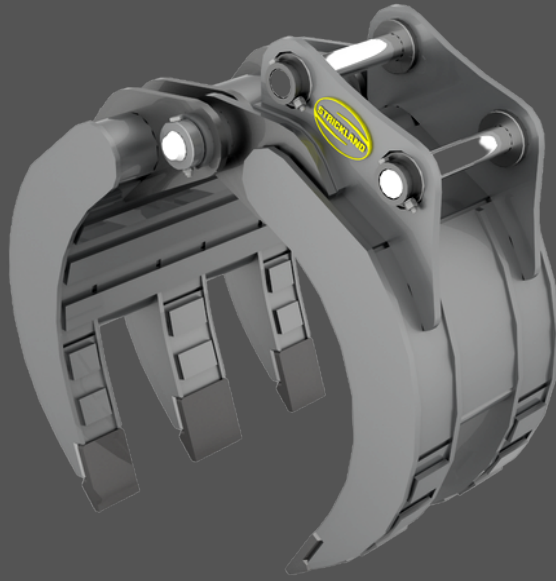
FIGURE 7



THREE JAW LOCATION SETTINGS DEPENDING ON APPLICATION AND WORKING ZONE



IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT STRICKLAND MFG AT (866) 929-3388 OR VIA EMAIL AT SALES@STRICKLANDMFGUS.COM



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