



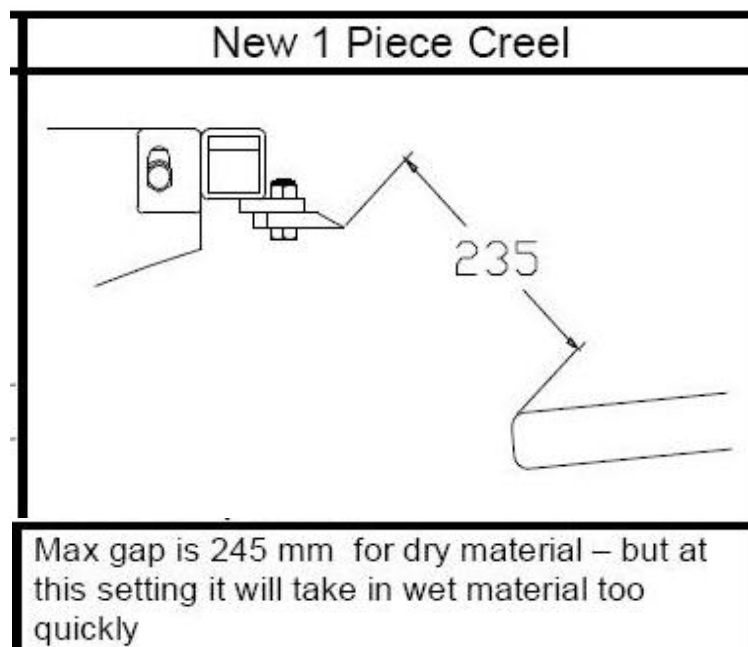
## Maintaining your Keenan Bale Handler

**Safety Note** : Please follow the safety instructions outlined in the Keenan Operator Manual. If the person intending to enter and work within the machine is not confident about doing so safely, then they should contact a Keenan Service Person to complete the work.

Like all other machines your Keenan Bale Handler requires regular maintenance to ensure correct machine performance.

The key to the operation of the bale handler is the bale handler tines which always need to be set at the correct height for proper processing of long material and low power requirement. If the tines are set too low then the machine will be taking in material too fast and this will affect mix quality and machine life.

Depending on the age of your machine the tine/ buffer design will vary but the general principle of the buffer is the same – it sets the tine height in the rest position and also acts as a shock absorber for the tine. If these buffers are worn or damaged they will not perform this function and the machine will not work properly. The tine heights should be set to the dimensions below. Shims are available (FP140-045-0019) to adjust this height.



For proper operation the bolts holding in the tine (pivot bolts) should be tight enough so that the tine only barely falls under its own weight – there should not be any sideways movement in the tine. If tightening the bolt does not take all the play out of the tine pivot then the bush in the tine needs to be replaced and/ or the wear in the tine bracket itself needs to be taken up by fitting of bushes to each side of the bracket to create a tight fit for the mounting bolt. We have these bushes (wear collars) available as a spare part (FP140-045-0008) so you can add these to the existing brackets and make your pivots as good as new.



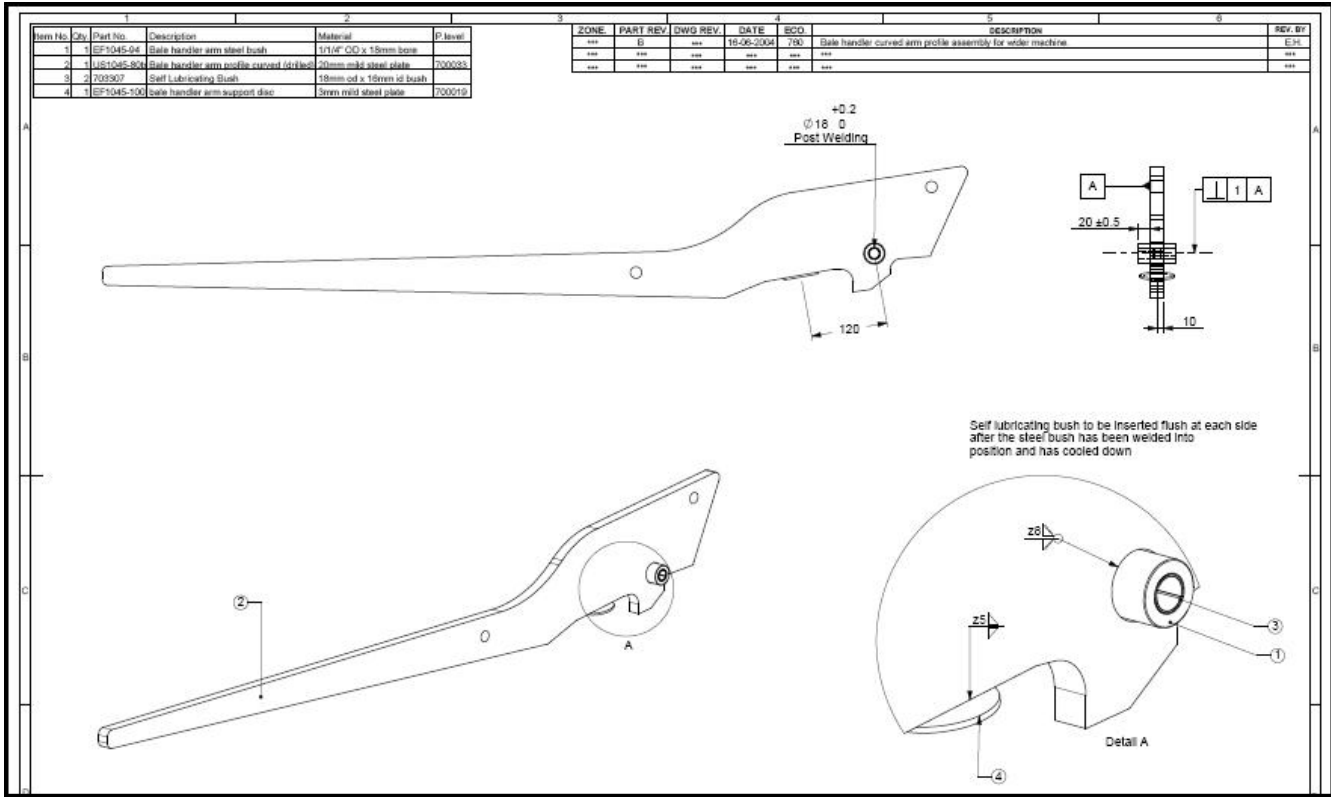
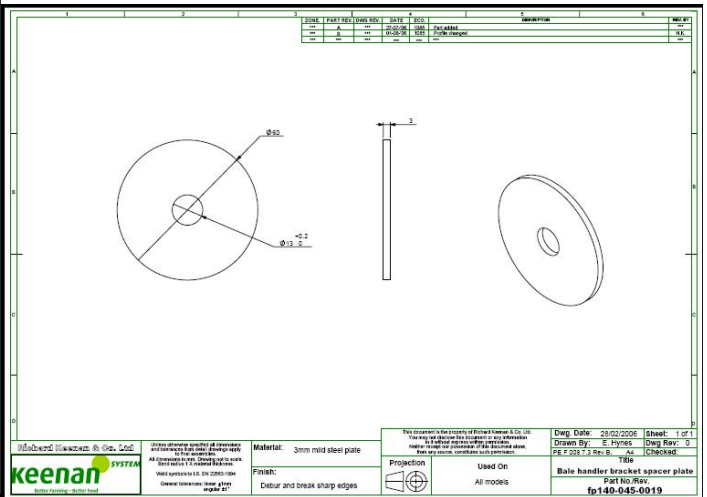
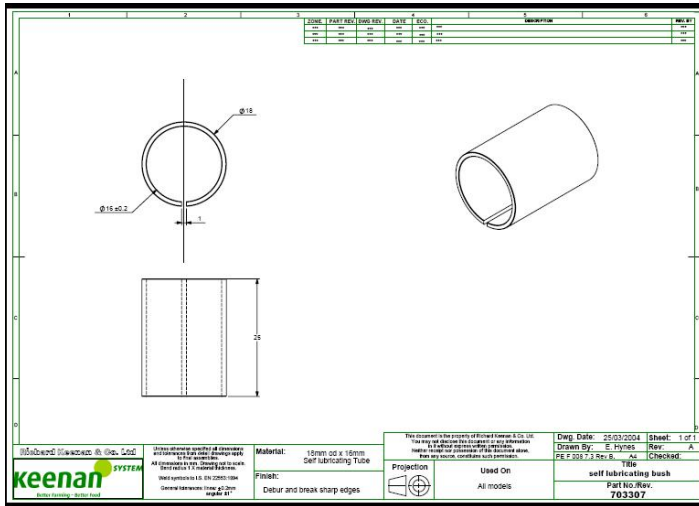
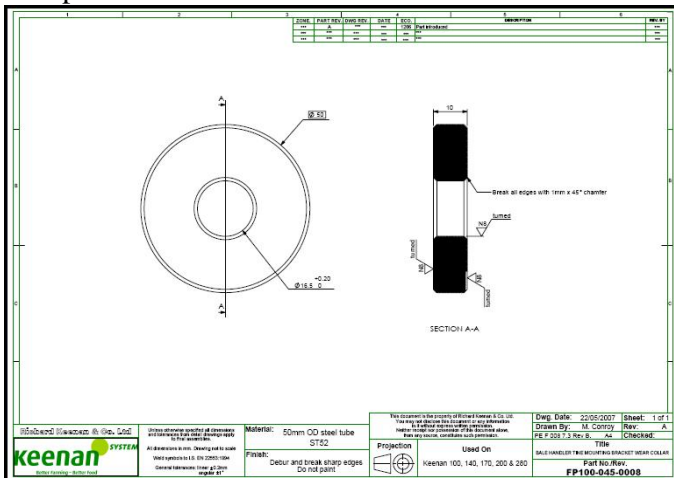


Diagram shows tine design for one piece creel machines



Replaceable Brass Pivot Bush 703307

Shim to set tine height



Wear Collar for tine bracket



Rubber Buffer (Part 702550)

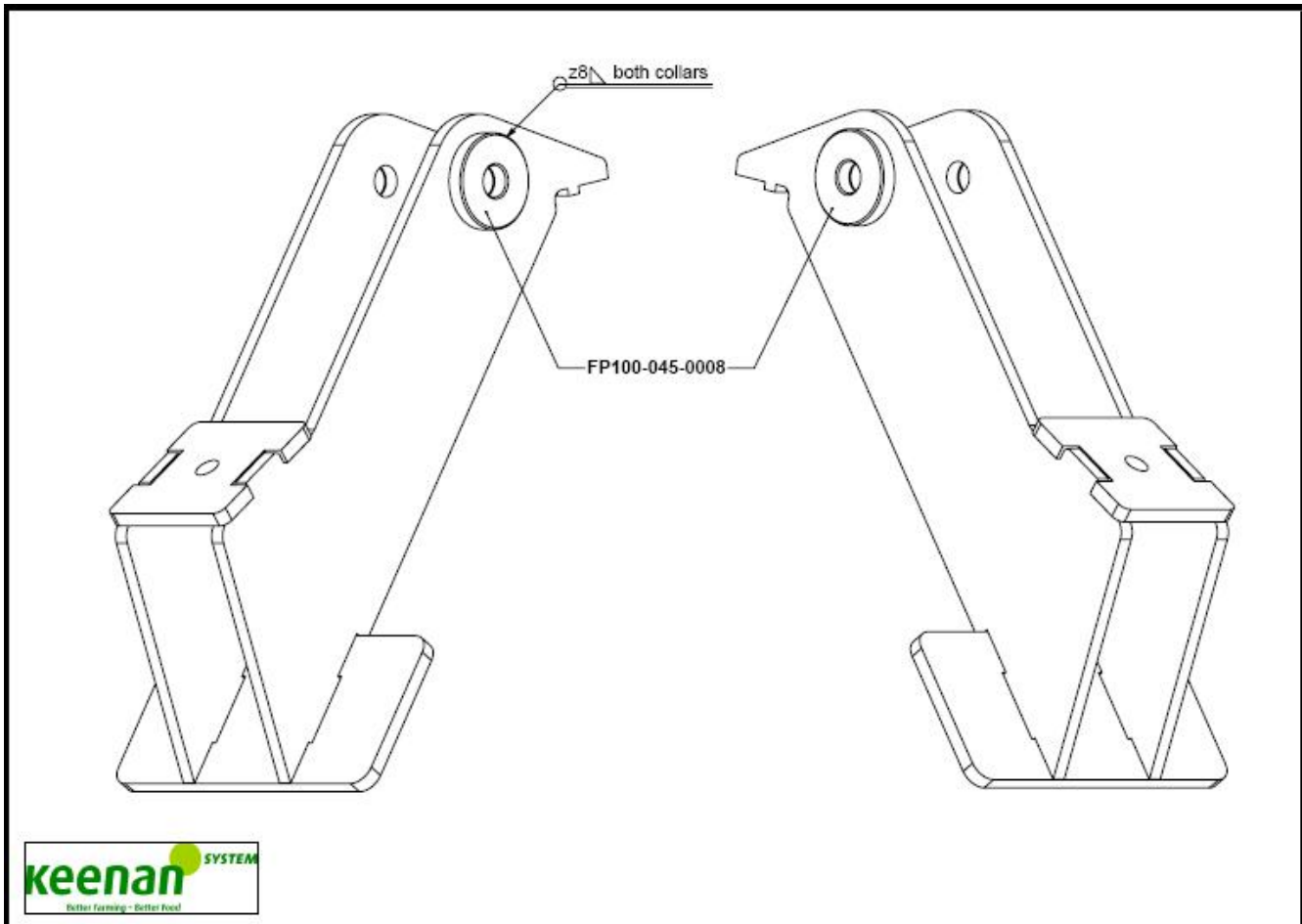


Diagram showing wear collars welded in position on tine bracket

The existing pivot bolt for the one piece creel design uses a M16x130 bolt but you will need to fit a M16x 150 bolt if you use the wear collars on the side of the bracket.

### Part Summary

Part Description	Part Number	Price	No. Per machine			
			100	140	170	200
Wear Collar ( 2 per bracket)	FP100-045-0008		12	18	18	22
M 16 x 150 bolt	702735		6	9	9	11
Brass/Nylon bush (2 per tine)	703307		12	18	18	22
Buffer	702550		6	9	9	11
M16 Locknut	700283		6	9	9	11
M16 Washer	700732		6	9	9	11
Buffer shim	FP140-045-0019		18	27	27	33

**Note:**

Shims are used to set the tine height to the required dimension and it may not be necessary to use any or it may be necessary to use a different number of shims on each tine depending upon the amount of wear in the bracket itself. It is not advised to use shims on worn buffers to bring the height back to spec as if the buffer is already worn it will not provide the proper shock absorption even if the tine is sitting at the right height.