

# CHAMMAS CUTTERS, INC.

## HORIZONTAL CUTTING



CCI has modified the existing chemical cutter tool so that it can work reliably in horizontal conditions. Previously, we encountered problems where the gas pressure would bypass the liquid chemical inside the cylinder when the tool is in horizontal positions. This also lead to damage to severing head and bull plug. To eliminate the pressure taking the path of least resistance (and thus bypassing the chemical), we added a piston to the top of the chemical cylinder so that all the liquid chemical (BrF3) can be pushed out and expelled through the orifices of the severing head. A recess toward the bottom of the cylinder allow the tool to equalize with downhole pressure. This new method has been extensively tested with great success on different diameters and lengths of the newly engineered chemical cylinders.

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NEW CYLINDER PART NUMBERS	
222500-72-PSTN	1-3/8X72
222500-80-PSTN	1-3/8X80
227500-48-PSTN	1-11/16X48
227500-60-PSTN	1-11/16X60
227500-72-PSTN	1-11/16X72
240500-48-PSTN	2X48
240500-60-PSTN	2X60
240500-72-PSTN	2X72
240500-80-PSTN	2X80
240500-84-PSTN	2X84