

# Case History: CN 464 Z (46440)

<b>Market segment</b>	<b>3317 – Steel pipe &amp; Tube</b>
<b>Potential</b>	<b>\$25K/yr</b>
<b>Work piece</b>	<b>Hydraulic cylinder rams (7 to 60 feet)</b>
<b>Material</b>	<b>1020/1045 Steel tube</b>
<b>Machine</b>	<b>Loeser 10 head (RPS-375) #3 head</b>
<b>Grinding</b>	<b><math>V_c = 35 \text{ m/s (6890sfpm)}</math>, <math>V_f = 5 \text{ m/min}</math>, 23 hp</b>
<b>Parameters</b>	<b><math>15\frac{3}{4}'' \text{ } \varnothing</math> (400mm) <math>90^\circ \text{ Sh A}</math>, 1:1 serr, rubber wheel</b>

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<b>FE</b>	<b>40</b>
<b>Product</b>	<b>CN 464 Z (46440)</b>
<b>Grit</b>	<b>40</b>
<b>Dimension</b>	<b>6" x 168" (150mm x 4267mm)</b>

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<b>Competition</b>	<b>VSM 855X</b>
<b>Result</b>	<b>Equal</b>

