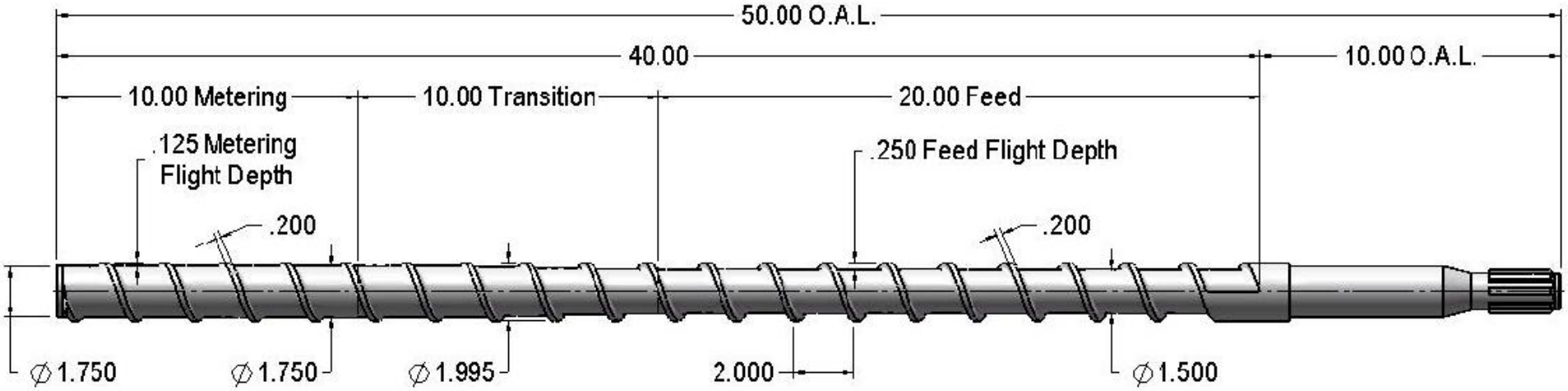
2” Sample Screw



Screw Profile

20.00" = 50%Feed
10.00" = 25%Transition
10.00" = 25%Metering

Feed flight height----------.250
Metering flight height----.125
.250/.125 = 2.00
This gives us a compresion
Ratio of 2:1

This sample screw has a diameter
Of ∅1.995 and a flighted length of 40".
40/1.995 = 20.05
This gives us a L/D ratio of, 20/1

On screws with their pitch equal To
Their diameter, (square pitch screws)
One can count the flights to determine
The L/D ratio.

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