

EST. #2891  
REVISED

HIGH SPEED  
19/200 BOLT HEADS  
ESTIMATED SAVINGS & RETURN ON INVESTMENT

PRESENT CASTING VS. PROPOSED OLD FORM STAMPING

|                                                                                              | 1969 Year of Operation           |                                    |        |    |
|----------------------------------------------------------------------------------------------|----------------------------------|------------------------------------|--------|----|
|                                                                                              | <u>PRESENT</u><br><u>CASTING</u> | <u>OLD FORM</u><br><u>STAMPING</u> |        |    |
| <u>#1-1969 Sales</u>                                                                         |                                  |                                    |        |    |
| <u>Quantity Forecast</u>                                                                     | <u>69,500</u>                    |                                    |        |    |
| <u>OPERATING COSTS</u>                                                                       |                                  |                                    |        |    |
| <u>Purchased Parts + 3% VARIANCE</u>                                                         | \$ 67,520                        | \$ 52,410                          | \$     | \$ |
| <u>Raw Material</u>                                                                          |                                  |                                    |        |    |
| <u>Standard Labor</u>                                                                        | 7,520                            | 3,342                              |        |    |
| <u>Labor Variance @</u>                                                                      | 1,050                            | 830                                |        |    |
| <u>Industrial Relations @ 34%</u>                                                            | 1,710                            | 1,420                              |        |    |
| <u>Supplies</u>                                                                              | 450                              | 470                                |        |    |
| <u>Tool Replacement</u>                                                                      | 210                              | 860                                |        |    |
| <u>Cutter Grind</u>                                                                          | 100                              | 450                                |        |    |
| <u>Tool Maintenance</u>                                                                      | 50                               | 100                                |        |    |
| <u>Maintenance</u>                                                                           | 700                              | 670                                |        |    |
| <u>Electricity</u>                                                                           |                                  |                                    |        |    |
| <u>Equipment Depreciation @ 10% x 6.600</u>                                                  |                                  | 660                                |        |    |
|                                                                                              |                                  |                                    | 51,060 |    |
| <u>Franchise Tax @ 3.1%</u>                                                                  |                                  | 400                                |        |    |
|                                                                                              | <u>\$ 73,880</u>                 | <u>\$ 61,460</u>                   | \$     | \$ |
| <u>SAVINGS IN OPERATING COST</u>                                                             |                                  |                                    |        |    |
| <u>Loss: All other expense:</u>                                                              |                                  | \$ 12,420                          |        | \$ |
| <u>All Other 5.9% Federal Tax 52.8%</u>                                                      | 720<br>6180                      | \$ 6,900                           |        | \$ |
| <u>NET SAVINGS</u>                                                                           |                                  | <u>\$ 5,520</u>                    |        | \$ |
| <u>INVESTMENT</u>                                                                            |                                  |                                    |        |    |
| <u>Project expenditures</u>                                                                  |                                  | \$ 6,600                           |        | \$ |
| <u>Manufacturing and working facilities</u>                                                  |                                  |                                    |        |    |
| <u>Net change in working capital</u>                                                         |                                  | (10,570)                           |        |    |
| <u>Total capital required for this project</u>                                               |                                  | <u>\$ (3,970)</u>                  |        | \$ |
| <u>RETURN ON INVESTMENT - THIS PROJECT</u>                                                   |                                  |                                    |        |    |
| <u>NET SAVINGS - After Amortization of Operation Charges</u>                                 |                                  | \$ 4,350                           |        | \$ |
| <u>Project Operation Charges</u>                                                             |                                  | \$ 7,640                           |        | \$ |
| <u>Loss: Federal Tax 52.8%</u>                                                               |                                  | \$ 13,940                          |        | \$ |
| <u>Total capital required including research and development and other operation charges</u> |                                  | <u>\$ 5,490</u>                    |        | \$ |
| <u>Return on total capital required</u>                                                      |                                  | 51.2%                              |        |    |
| <u>Return on total additional investment after completion of this project</u>                |                                  |                                    |        | %  |

(Subdivision 5)

Rev 10-10-67

EAK