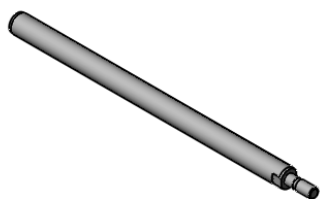


| A      | I     | Useable stroke K inches      |
|--------|-------|------------------------------|
| 1/4"   | 7/32  | 3, 4, 5, 6, 7, 8, 10, 12, 16 |
| 3/8"   | 5/16  | 4, 6, 8, 10, 12, 16, 18, 24  |
| 1/2"   | 7/16  | 6, 8, 12, 18, 24, 36, 48     |
| 5/8"   | 1/2   | 6, 12, 24                    |
| 3/4"   | 5/8   | 6, 12, 18, 24, 36, 48        |
| 1"     | 7/8   | 6, 12, 18, 24, 36, 48        |
| 1 1/4" | 1     | 12, 24, 48                   |
| 1 1/2" | 1 1/4 | 12, 24, 48, 72, 96           |
| 2"     | 1 3/4 | 12, 24, 48, 72, 96           |

1. For dimensional info refer to tapped shaft -HD drawing.
2. For dimensional info refer to threaded shaft -HD drawing.
3. Tolerance on K dimension on parts up and including 18" in length: +/- .003, on parts up and including 36" in length: +/- .005, over 36" in length: +/- .008.
4. Wrench flats are optional.
5. Shafts will be annealed in circumference around machined area
6. Size of tap and size of thread are the same.



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|  |          |
|--|----------|
| DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>FRACTIONAL ± 1/16"<br>ANGULAR: MACH ± 1 deg<br>TWO PLACE DECIMAL ± .015<br>THREE PLACE DECIMAL ± .005 |          |
| MATERIAL   | 1060     |
| Shaft surface finish   | 8-12 RMS |
| Machined area finish   | -125     |

|   |      |
|---|------|
| NAME  | DATE |
| DRAWN   | SK   |
| CHECKED   | MS   |
| ENG APPR.   | MQ   |
| MFG APPR.   | MQ   |
| Q.A.  | TG   |
| COMMENTS:<br>Linear bearing shating case harden 60-65 HRC |      |

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**Threaded and tapped shafts for heavy duty application**

|            |                      |              |
|------------|----------------------|--------------|
| SIZE       | DWG. NO.             | REV.         |
| <b>A</b>   | Combination shaft-HD |              |
| SCALE: 2:1 | WEIGHT:              | SHEET 1 OF 1 |