

| DESCRIPTION  | Dim.                   | RK I            | RK II       | RK III     | RK IV       | RK V       |
|--|------------------------|-----------------|-------------|------------|-------------|------------|
| Recommended machine dead weight                              | lbs.                   | Contact Factory | 4,400       | 8,800      | 13,200      | 26,400     |
| Maximum allowable lifting load per FIXATOR®                  | lbs.                   | Contact Factory | 26,500      | 53,000     | 80,000      | 155,000    |
| Spring constant  | lb./in.                | Contact Factory | 22,800,000  | 37,100,000 | 45,700,000  | 79,900,000 |
| Vertical adjustment per revolution of height adjusting screw | in.                    | 0.010           | 0.010       | 0.012      | 0.014       | 0.017      |
| Maximum vertical adjustment                                  | in.                    | 0.20            | 0.20        | 0.24       | 0.32        | 0.40       |
| Approximate torque required to turn adjusting screw          | ft. lb./1000 lbs. load | 1.0             | 1.0         | 1.3        | 1.5         | 1.8        |
| Maximum allowable torque on adjusting screw                  | ft. lb.                | 22              | 29          | 73         | 117         | 294        |
| Thread dimensions  | M x S metric           | 16 x 2 mm       | 20 x 2.5 mm | 24 x 3 mm  | 30 x 3.5 mm | 36 x 4 mm  |
| Approximate torque on anchor bolt nut at yield point of bolt | ft. lb.                | 116             | 217         | 376        | 723         | 1300       |
| Approximate tension on anchor bolt at yield point            | lbs.                   | Contact Factory | 19,800      | 28,600     | 44,000      | 66,000     |
| Weight of Basic Unit   | lbs.                   | 8.8             | 12.1        | 25.3       | 46.2        | 92.4       |

## DIMENSIONS\*

| SIZE RK | M          | L     | B    | H    | DØ   | SW <sub>1</sub> | SW <sub>2</sub> | EØ   | d    | c    | z   | h   | l    | b    | e <sub>1</sub> | e <sub>2</sub> | k    | x    | Y     | f <sub>1</sub> Ø | f <sub>2</sub> Ø |
|---------|------------|-------|------|------|------|-----------------|-----------------|------|------|------|-----|-----|------|------|----------------|----------------|------|------|-------|------------------|------------------|
| I       | M12        | 6.89  | 4.13 | 2.17 | 2.36 | 19 mm           | —               | .80  | .63  | .93  | .39 | .20 | 3.62 | 3.54 | .55            | 1.02           | .55  | 3.27 | 7.52  | .67              | .75              |
| II      | M20        | 6.89  | 4.72 | 2.95 | 2.95 | 19 mm           | —               | 1.00 | .63  | 1.30 | .51 | .20 | 3.66 | 3.94 | .55            | 1.02           | .59  | 3.23 | 7.52  | .83              | .98              |
| III     | M24        | 8.66  | 5.91 | 3.74 | 3.54 | 24 mm           | —               | 1.25 | .81  | 1.61 | .55 | .24 | 4.63 | 5.12 | .71            | 1.26           | .91  | 4.03 | 9.47  | .98              | 1.22             |
| IV      | M30        | 10.83 | 7.09 | 4.53 | 4.33 | 32 mm           | 17 mm           | 1.55 | 1.26 | 2.09 | .71 | .32 | 5.61 | 6.30 | .94            | 1.50           | 1.10 | 5.22 | 12.09 | 1.22             | 1.46             |
| V       | M36<br>M42 | 13.58 | 9.06 | 5.31 | 5.91 | 36 mm           | 19 mm           | 1.80 | 1.38 | 2.52 | .79 | .40 | 7.09 | 8.07 | 1.10           | 1.81           | 1.50 | 6.49 | 14.96 | 1.46<br>1.73     | 1.73<br>—        |

\*CASTING DIMENSIONS MAY VARY

