

# Chamber Dimensions (LB-153)

| Gun  | Specification | <sup>1</sup> .4728/.4708 | .4440/.4425 | 34° 30" | .3424/.3404 | .3105/.3095 | Bore Dia.<br>.301/.300 | Groove Dia.<br>.309/.308 | Twist Rate<br>10 +/- .25 |
|------|---------------|--------------------------|-------------|---------|-------------|-------------|------------------------|--------------------------|--------------------------|
|      |               | (in.)                    | (in.)       | (in.)   | (in.)       | (in.)       | (in.)                  | (in.)                    | (in.)                    |
| B-1  |               | 0.4694                   | 0.4430      | 34.09   | 0.3435      | 0.3086      | 0.3015                 | 0.3098                   | 10.000                   |
| B-2  |               | 0.4692                   | 0.4440      | 34.67   | 0.3441      | 0.3103      | 0.3005                 | 0.3089                   | 9.938                    |
| B-3  |               | 0.4704                   | 0.4434      | 34.40   | 0.3446      | 0.3085      | 0.3005                 | 0.3087                   | 9.750                    |
| B-4  |               | 0.4709                   | 0.4442      | 34.33   | 0.3441      | 0.3101      | 0.3005                 | 0.3088                   | 9.875                    |
| B-5  |               | 0.4695                   | 0.4430      | 34.26   | 0.3424      | 0.3096      | 0.3005                 | 0.3085                   | 9.938                    |
| B-6  |               | 0.4704                   | 0.4432      | 34.50   | 0.3436      | 0.3096      | 0.3010                 | 0.3088                   | 9.875                    |
| B-7  |               | 0.4668                   | 0.4432      | 34.59   | 0.3436      | 0.3099      | 0.3005                 | 0.3085                   | 9.875                    |
| B-8  |               | 0.4707                   | 0.4448      | 34.59   | 0.3444      | 0.3100      | 0.3005                 | 0.3088                   | 9.625                    |
| B-9  |               | 0.4701                   | 0.4448      | 34.58   | 0.3445      | 0.3099      | 0.3000                 | 0.3089                   | 9.750                    |
| B-10 |               | 0.4704                   | 0.4447      | 34.53   | 0.3447      | 0.3108      | 0.3010                 | 0.3099                   | 9.875                    |
|      | AVERAGE       | 0.4698                   | 0.4438      | 34.45   | 0.3440      | 0.3097      | 0.3007                 | 0.3090                   | 9.850                    |
|      | MAX.          | 0.4709                   | 0.4448      | 34.67   | 0.3447      | 0.3108      | 0.3015                 | 0.3099                   | 10.000                   |
|      | MIN.          | 0.4668                   | 0.4430      | 34.09   | 0.3424      | 0.3085      | 0.3000                 | 0.3085                   | 9.625                    |
|      | Std. Dev.     | 0.0012                   | 0.0008      | 0.18    | 0.0007      | 0.0007      | 0.0004                 | 0.0005                   | 0.111                    |

<sup>1</sup> Dimensions not taken from Breech Face datum. Should not compare to Specification.

**Note:** Red dimensions denote out of specification range.

Blue dimensions cannot be compared to specification in current form.

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