

# GBQ.Bar

Roda Gun Barrel Quality

## RODA GBQ

### Stainless Steel and Alloy

- Heat to Heat Consistency
- Eddy Current Tested
- Precision 1/2 Standard Tolerance
- DFARS Compliant
- Gun Barrel Quality Comes Standard with Ultrasonic Testing
- Available Sizes 1/8" to 3" Diameter
- We Designed Our Roda Precision Machining Bar Not Only with Superior Machinability but also with Accuracy Tolerances
- Tempered to Your Specifications
- Stress Relieved
- Grain Size 5 or Higher (ASTM E112)
- 100% Ultrasonic Tested

### GRADES

416R

4130

4140

4340

### TYPICAL SIZE TOLERANCES

| DIAMETER | RPMTOL.J9 |    | ASTM      |
|----------|-----------|----|-----------|
| 1/4"     | ± 0.0006" |    | ± 0.001"  |
| 7/16"    | ± 0.0007" | VS | ± 0.0015" |
| 5/8"     | ± 0.001"  |    | ± 0.002"  |

### ATTRIBUTES

| ITEM         | RPM BAR    |
|--------------|------------|
| Out of Round | 1/2 Ø Tol. |
| Straightness | 1/32" / 5' |
| Length 12'   | + 2" / -0" |
| Chamfer      | 45/30°     |

### OLARRA MELT (Rodacciai Group Company)

|      | C    | Si   | Mn   | P     | S    | Cr    | Mo   |
|------|------|------|------|-------|------|-------|------|
| Min. | 0,06 |      |      |       | 0,15 | 12,00 | 0,30 |
| Max. | 0,15 | 1,00 | 1,25 | 0,060 | 0,17 | 14,00 | 0,60 |

\*Alloy tolerances may not be the same as Stainless tolerances

### The Results

- Higher Cutting Speeds & Feeds
- Increased Tool Life
- Better Surface Finish

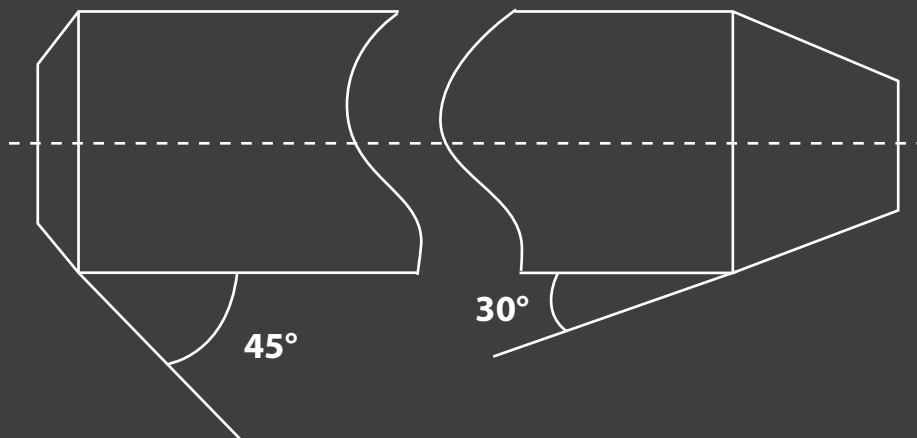




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## CHAMFER DESIGN



### HEADQUARTERS

230 Lexington Dr.  
Buffalo Grove, IL 60089  
Phone: (847) 279-0228  
Fax: (847) 279-0229  
Sales: (888) 279-0228

### EAST COAST

178 Ridge Rd., Unit C  
Dayton, NJ 08810  
Phone: (732) 329-8400  
Fax: (732) 329-8401  
Sales: (800) 833-8280

### WEST COAST

16380 Downey Ave.  
Paramount, CA 90723  
Phone: (562) 633-3262  
Fax: (562) 633-3267  
Sales: (866) 643-7632