

# Rotulas SI

## BRF1-4-00-501-DURBAL - BRF1-4-00-501-DURBAL

<https://www.123rodamiento.es/rodamiento-cojinete/rotulas/si/brf1-4-00-501-durbal>

**BRF1/4-00-501**

**rod end housing:**  
forged steel, case-hardened bearing race, superfinished, surface galvanized, free of Cr VI

**inner ring:**  
ball bearing steel, hardened, superfinished

**lubrication:**  
aluminum complex soap-grease, temperature range -45 °C to +120 °C, approval according to USDA H1

**lubrication fitting:**  
DIN 3405 D1/A (sizes 1/4 and 3/8)  
DIN 71 41/2 H1 (sizes 1/2 and 1 1/4)

**bearing clearance:**  
10 - 30 µm radial

**tolerances:**  
see page 10

**DURBAL® heavy-duty rod ends with integral self-aligning ball bearing**

**female thread:**  
long-term lubrication, low maintenance, shields, dimensions in inches

| order number          |                   | measurements [inches] |                     |                        |                         |                |                |                |                |                |                |                    |
|-----------------------|-------------------|-----------------------|---------------------|------------------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|
| type                  | right hand thread | left hand thread      | d <sub>1</sub>      | d <sub>2</sub>         | d <sub>3</sub>          | d <sub>4</sub> | d <sub>5</sub> | d <sub>6</sub> | d <sub>7</sub> | b <sub>1</sub> | b <sub>2</sub> | b <sub>3</sub>     |
| BRF 1/4 - 00          | -501              |                       | .250                | .393                   | 2500-28 UNF             | .356           | .787           | .511           | .354           | .265           |                |                    |
| measurements [inches] |                   | weight                | calculation factors | rotational speed limit | basic load rating stat. |                |                |                |                |                |                |                    |
| type                  | h                 | l                     | l <sub>1</sub>      | l <sub>2</sub>         | SW                      | α [°]          | weight [kg]    | Y              | %              | rpm            | C [N]          | C <sub>0</sub> [N] |
| BRF 1/4               | 1.200             | .472                  | .240                | .452                   | .433                    | 8,0            | 0,027          | 2,09           | 2,19           | 1350           | 2670           | 645                |

## CARACTERÍSTICAS DEL PRODUCTO

|                   |               |
|-------------------|---------------|
| Marca             | DURBAL        |
| Nº Ean13          | 3663952510101 |
| Diámetro interior | 6.35 mm       |
| Diámetro exterior | 19.99 mm      |
| Espesor           | 8.99 mm       |
| Tipo              | SI            |
| Peso              | 27 g          |
| Hilo              | Rosca derecha |
| Lubricación       | con           |
| Envasado          | 1             |

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