

# SI Rod end

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

<https://www.123bearing.com/bearing-housing/rod-end/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 71 412 H1 (sizes 1/2 and 1 1/2)

**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

## PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952510101
Inside diameter	6.35 mm
Outside diameter	19.99 mm
Thickness	8.99 mm
Type	SI
Weight	27 g
Thread	Right-hand thread
Lubrication	with
Packaging	1

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