

# SI Rod end

## BRF5-8-00-502-DURBAL - BRF5-8-00-502-DURBAL

<https://www.123bearing.co.uk/bearing-housing/rod-end/si/brf5-8-00-502-durbal>

### BRF5/8-00-502



**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 1/4)

**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 5/8 -00		-502	.625	.866	.6250-18 UNF	.744	1.653	1.062	.826	.590		
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 [°]	Y	Y <sub>2</sub>	T <sub>max</sub> [rpm]	C [N]	C <sub>0</sub> [N]	C <sub>10</sub> [N]
BRF 5/8	2.539	1.102	.322	.885	.866	8.0	0,220	2,24	2,35	975	6250	2350

## PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952510163
Inside diameter	15.88 mm
Outside diameter	41.99 mm
Thickness	20.98 mm
Type	SI
Weight	220 g
Thread	Left-hand thread
Lubrication	with
Packaging	1

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