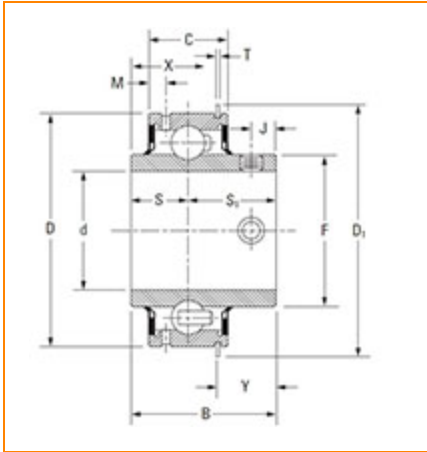




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Part Number ER31, Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings



[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#)

Specifications	
Series	Industrial
Shaft Size d	1 15/16 in
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Relubricatable
O.D. Type	Cylindrical OD
Sub Series	ER
Seal Type	Narrow Shroud
Basic Outer Ring Size	210

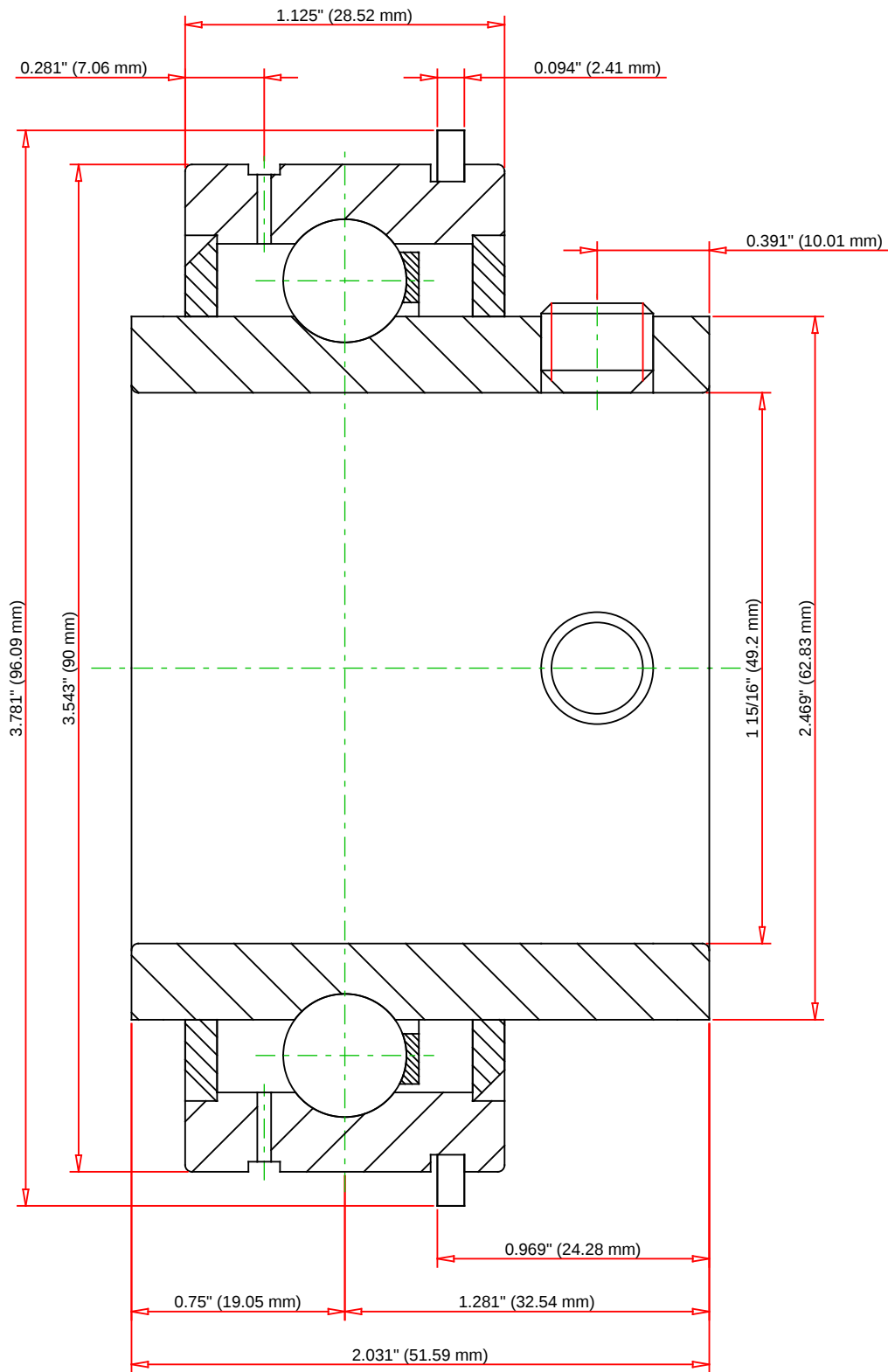


Dimensions

Outside Diameter D	3.543 in 90 mm
Inner Ring Width B	2.031 in 51.59 mm
Outside Ring Width C	1.125 in 28.52 mm
Radius r	0.024 in 0.6 mm
Center of Bearing from End S	0.75 in 19.05 mm
Dimension S1	1.281 in 32.54 mm
Dimension F	2.469 in 62.83 mm
Dimension J	0.391 in 10.01 mm
Dimension M	0.281 in 7.06 mm
Dimension D1	3.781 in 96.09 mm
Dimension T	0.094 in 2.41 mm
Dimension X	1.078 in 27.31 mm
Dimension Y	0.969 in 24.28 mm
Set Screw Size	M10x1.5
Number of Set Screws	2
Angle between Set Screws	90 °

Basic Load Ratings

Static Load Rating	5210 lbf
	23132.4 N
Dynamic Load Rating	8740 lbf
	38805.6 N



Weight	1.84 lb	0.834 kg	TIMKEN® THE TIMKEN COMPANY NORTH CANTON, OHIO USA	ER31 Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings		
				Basic Load Ratings - C _r	8740 lbf	38805.6 N
				Load Ratings - C _{0r}	5210 lbf	23132.4 N
Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.				FOR DISCUSSION ONLY		