

This high precision ball bearing has a width of only .785mm (.031in). It is the thinnest bearing of its type available and allows the design engineer considerable freedom in applications where space is at a premium.

**ULTRA-THIN WIDTH BEARING**



**ASSEMBLY APPLICATIONS**

- Ultra-thin Motors
- Pancake Resolvers
- Biomedical Assemblies
- Semiconductor Equipment

**BEARING BENEFITS**

- 1/2 the thickness of any other Ball Bearing this size
- Preloaded Pivot Assembly with 2 bearings just over 1/16"
- Available in both Stainless and Chrome Steel

Contact a Dynaroll Bearing Engineer for details.

**BEARING SPECIFICATIONS**

Item	Spec
Radial Play	0.008 ~ 0.013mm
Ball Diameter:	0.500mm
Number of Balls	12
Retainer	Plastic

Item	Dynamic	Static
Load Rating	102N(10kgf)	51N(5kgf)
Material	Part Number	
52100 chrome steel	B4-72T12MC4XXXX	
400 series stainless steel	B4-72hT12MC4XXXX	

XXXX = lubrication code  
(see www.dynaroll.com)

**BEARING DRAWING (dimensions in mm)**

