

# Groove Diameter and Groove Width Gages Face Grooves

# BX-1000 Series BXG-1000 Series



**BX-1000**  
Groove Diameter Gage



**BXG-1000**  
Groove Width Gage



**Measures Face Grooves**

## HOW TO ORDER

1. Select the BX-1000 or BXG-1000 Series gage model
2. If selecting the BX-1000 gage, choose an optional rail, if necessary

The BX-1000 series of gages measures face groove diameters. These gages adjust to cover all sizes of R, RX, and BX ring grooves. The standard gage measures groove diameters from 2.6" – 13" and groove widths from .34" – 1.5". Optional rails extend the range of diameters from 13" – 36". The face groove gages accurately measure the ring groove diameter and width at the critical sealing point of the face groove. Gage indicators show actual deviation from a preset master dimension. The BX-1000 can be used to measure straight or tapered groove diameters, shallow bores, and hole locations. Contact points included are .188". The BXG-1000 measures widths of straight or tapered grooves and includes .072" contact points.

### Features

- Measures face grooves for a range of diameters
- Replaces traditional GO/NOT GO templates
- Provides accurate measurements at the critical sealing point of the face groove
- Allows use in a manufacturing or field environment due to durable construction
- Requires presetting using a micrometer or Gagemaker's MIC TRAC measurement center (setting dimensions and tolerances for API ring grooves supplied with gage)

### BX-1000 and BXG-1000 Series Gages

Model No.	Description	Range
BX-1000	Groove Diameter Gage	Diameters 2.6" – 13"
BXG-1000	Groove Width Gage	Widths .34" – 1.5"

### BX-1000 Rails



Model No.	Description
BX-R13	Optional Rail, 13" Groove Diameters to 12 3/4"
BX-R24	Optional Rail, 24" Groove Diameters to 23 3/4"
BX-R30	Optional Rail, 30" Groove Diameters to 29 3/4"
BX-R36	Optional Rail, 36" Groove Diameters to 35 3/4"

### BX-1000 and BXG-1000 Optional Equipment



Model No.	Description
TD-WIN	Thread Disk for Windows Software Includes a Ball MIC calculator for BX Series gage setting dimensions

### Specifications

Model No.	Dimensions	Weights
BX-1000	16 in X 2 in X 3 in (406 mm X 50.8 mm X 76 mm)	2.5 lb. (1.1 kg)
BXG-1000	6 in X 1.75 in X 2 in (152 mm X 44.5 mm X 50.8 mm)	1.5 lb. (0.7 kg)

