

The LDR Series gage uses a lightweight stainless steel tubular frame and a reed pantograph movement. This pantograph movement utilizes parallel reed springs to transfer motion and is well suited to production applications as dust, dirt, or coolant cannot harm or jam the mechanism.



*\*Note: Gage pictured below is an LDR-18-CB-01 with optional .0001" graduation dial indicator part #219-01*



See page 72 for SMA series companion setmasters specify .25" wide restrictor

PART #	ID/OD INCH	ID/OD METRIC (mm)
	RANGE	RANGE
LDR-12	4.5 to 12	115 to 305
LDR-18	12 to 18	305 to 460
LDR-24	18 to 24	460 to 610
LDR-36	24 to 36	640 to 915
LDR-48	36 to 48	915 to 1220
LDR-60	48 to 60	1220 to 1525
5557CB	.25" Dia. Carbide Ball Contacts (Each)	
5557HB	.25" Dia. Carbide Half Ball Contacts (Each)	

- ✓ Lightweight heat treated aerospace grade stainless steel tubing weighs only .817 lbs. per foot
- ✓ Standard with part #2DM125-05 .0005" graduation dial indicator
- ✓ Contacts feature 1" vertical depth adjustment
- ✓ Standard carbide ball contacts, 0.5" ball optional
- ✓ Carbide rest surfaces are offset 2" to resist tipping
- ✓ Indicator housing protects indicator
- ✓ Frictionless reed movement transfer with +/- .050" gaging travel
- ✓ Precision cam-lock fine adjustment mechanism makes setting this gage fast and easy

## LDB SERIES- ULTRA LIGHTWEIGHT FRAME WITH BALL BUSHING

LDB series gages use a lightweight stainless steel tubular frame and a precision ball bushing slide mechanism. This gage can be switched from ID to OD and is designed to be used where a full inch of gaging travel or retraction is desired.



*\*Note: Gage pictured is LDB-14-CB-DI with an optional 1" travel digital indicator part #FV54520777*



- ✓ Standard with part #2DM1000-05 .0005" graduation dial indicator
- ✓ Indicator housing protects indicator
- ✓ Carbide rest surfaces are offset 2" to resist tipping
- ✓ Full 1.00" of gaging travel
- ✓ Gaging depth adjustable to 5"
- ✓ Standard carbide ball contacts, optional contact choices: Steel Disc (-SD), Carbide Disc (-CD), or Carbide Ball (-CB)
- ✓ Gaging shafts can be inverted to accommodate disc contacts or perpendicular style contacts
- ✓ Precision cam-lock fine adjustment mechanism makes setting this gage fast and easy

PART #	ID/OD INCH	ID/OD METRIC (mm)
	RANGE	RANGE
LDB-14	6.5 to 14	165 to 355
LDB-24	14 to 24	355 to 610
LDB-36	24 to 36	640 to 915
LDB-48	36 to 48	915 to 1220
LDB-60	48 to 60	1220 to 1525
7533	.625" Dia. Steel Disc Contact (Each)	
7534	.625" Dia. Carbide Disc Contact (Each)	
4082-187B	.1875" Dia. Carbide Ball Contacts (Each)	

See page 72 for SMA series companion setmasters  
**Note:** specify .18" restrictor for CB contacts, specify .62" restrictor for SD and CD contacts