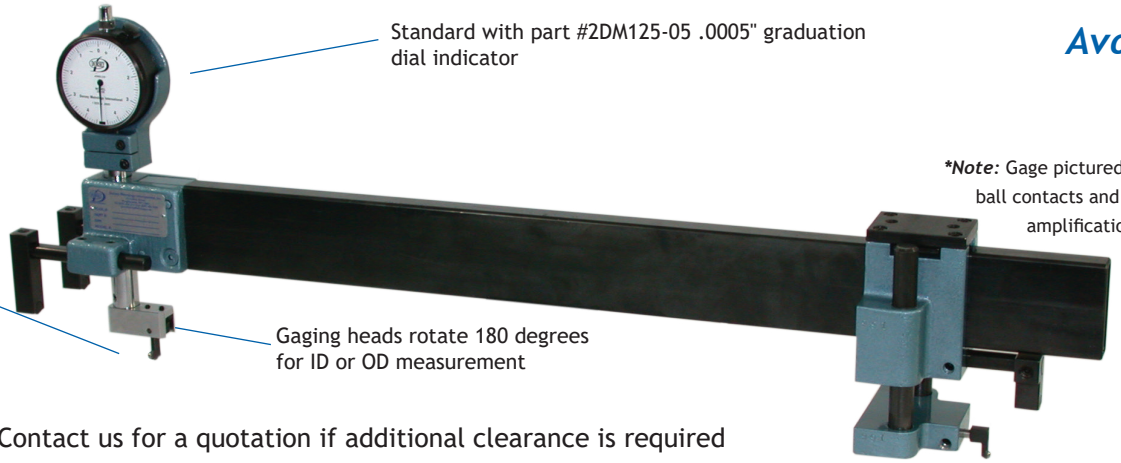
LDLTA - ID/OD LEVER TRANSFER ADJUSTABLE FRAME

The LDLT series gage uses a 1:1 ratio lever principle. This method of motion transfer is used in conditions of limited accessibility, such as face grooves. This low friction transfer is also ideal for checking shallow angles at specified depths without incurring binding in the transfer.

Optional perpendicular indicator unit



Standard with part #2DM125-05 .0005" graduation dial indicator

Optional reverse action lever shown

Gaging heads rotate 180 degrees for ID or OD measurement

Available in Carbon Fiber

***Note:** Gage pictured below is an LDLTA-18-CB with carbide ball contacts and reverse action lever, optional high amplification dial indicator part #2I9-01

See page 70 for SMVA series companion setmasters

- Standard gaging depth range is 0-2"
- Optional gaging depth up to 5”
- Standard frame clearance is 1.25" - Contact us for a quotation if additional clearance is required
- Reverse action lever available

PART #	TYPE	INCH	METRIC (mm)	CARBIDE BALL	CARBIDE HALF BALL	CARBON FIBER
		RANGE	RANGE	CB	HB	CF
LDLTA-12	Adjustable	6 to 12	150 to 300	LDLTA-12-CB	LDLTA-12-HB	LDLTA-12-XX-CF
LDLTF-12	Fixed	6 to 12	150 to 300	LDLTF-12-CB	LDLTF-12-HB	LDLTF-12-XX-CF
LDLTA-18	Adjustable	12 to 18	301 to 460	LDLTA-18-CB	LDLTA-18-HB	LDLTA-18-XX-CF
LDLTF-18	Fixed	12 to 18	301 to 460	LDLTF-18-CB	LDLTF-18-HB	LDLTF-18-XX-CF
LDLTA-24	Adjustable	18 to 24	461 to 610	LDLTA-24-CB	LDLTA-24-HB	LDLTA-24-XX-CF
LDLTF-24	Fixed	18 to 24	461 to 610	LDLTF-24-CB	LDLTF-24-HB	LDLTF-24-XX-CF
LDLTA-30	Adjustable	24 to 30	611 to 760	LDLTA-30-CB	LDLTA-30-HB	LDLTA-30-XX-CF
LDLTF-30	Fixed	24 to 30	611 to 760	LDLTF-30-CB	LDLTF-30-HB	LDLTF-30-XX-CF
LDLTA-36	Adjustable	30 to 36	761 to 915	LDLTA-36-CB	LDLTA-36-HB	LDLTA-36-XX-CF

PART #	TYPE	INCH	METRIC (mm)	CARBIDE BALL	CARBIDE HALF BALL	CARBON FIBER
		RANGE	RANGE	CB	HB	CF
LDLTF-36	Fixed	30 to 36	761 to 915	LDLTF-36-CB	LDLTF-36-HB	LDLTF-36-XX-CF
LDLTA-42	Adjustable	36 to 42	916 to 1070	LDLTA-42-CB	LDLTA-42-HB	LDLTA-42-XX-CF
LDLTF-42	Fixed	36 to 42	916 to 1070	LDLTF-42-CB	LDLTF-42-HB	LDLTF-42-XX-CF
LDLTA-48	Adjustable	42 to 48	1071 to 1220	LDLTA-48-CB	LDLTA-48-HB	LDLTA-48-XX-CF
LDLTF-48	Fixed	42 to 48	1071 to 1220	LDLTF-48-CB	LDLTF-48-HB	LDLTF-48-XX-CF
LDLTA-54	Adjustable	48 to 54	1221 to 1370	LDLTA-54-CB	LDLTA-54-HB	LDLTA-54-XX-CF
LDLTF-54	Fixed	48 to 54	1221 to 1370	LDLTF-54-CB	LDLTF-54-HB	LDLTF-54-XX-CF
LDLTA-60	Adjustable	54 to 60	1371 to 1525	LDLTA-60-CB	LDLTA-60-HB	LDLTA-60-XX-CF
LDLTF-60	Fixed	54 to 60	1371 to 1525	LDLTF-60-CB	LDLTF-60-HB	LDLTF-60-XX-CF

LDLTF SERIES - LEVER TRANSFER FIXED

LDLTF Series gages include all the same features as the LDLTA shown above except both end blocks are rigidly bolted and pinned in place. This makes the LDLTF Series more rigid for tighter tolerances and lighter weight than the LDLTA.

- Standard LDLTF frame clearance is .75"
- Heavy duty reference head
- Reverse action lever available
- Reversed reference contact available to LDLTA & LDLTF features

Available in Carbon Fiber

See page 71 for SMF series companion setmasters