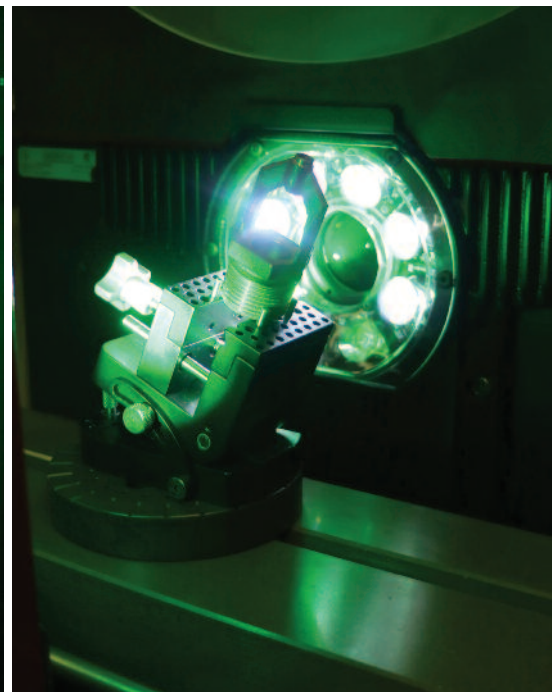
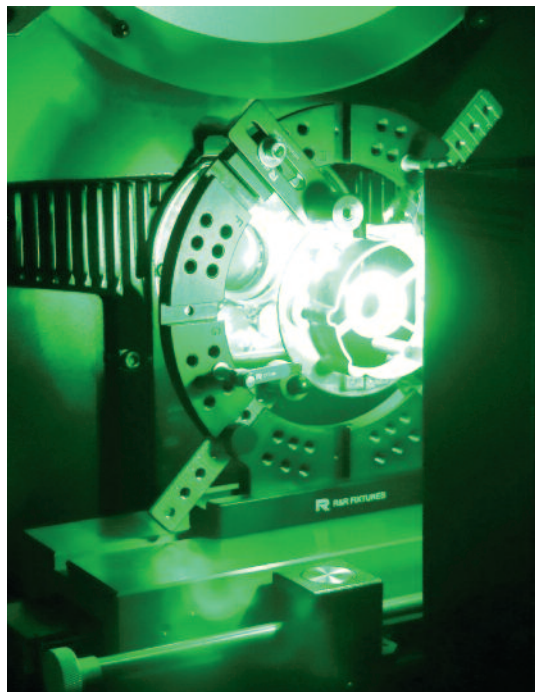
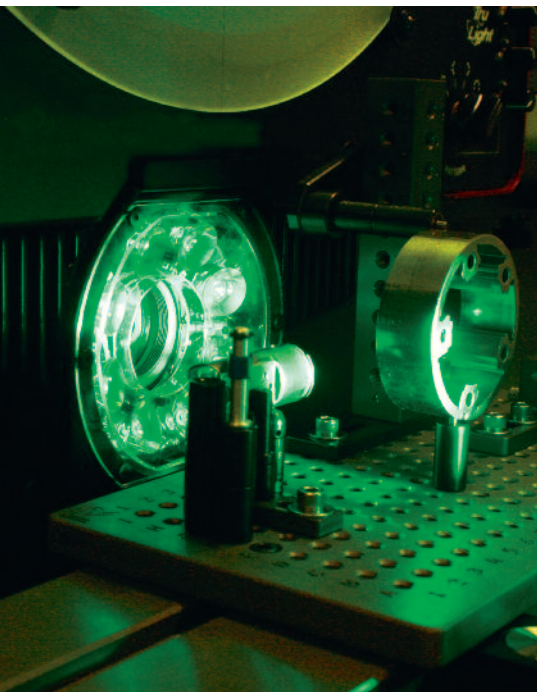




Optical Comparator Fixturing

FIXTURING HAS NEVER BEEN SO EASY...

Enhance your comparator's **viewing capacity** by using the **right** fixturing solutions.



Unobstructed view

Holds any type of material

Recordable and reproducible

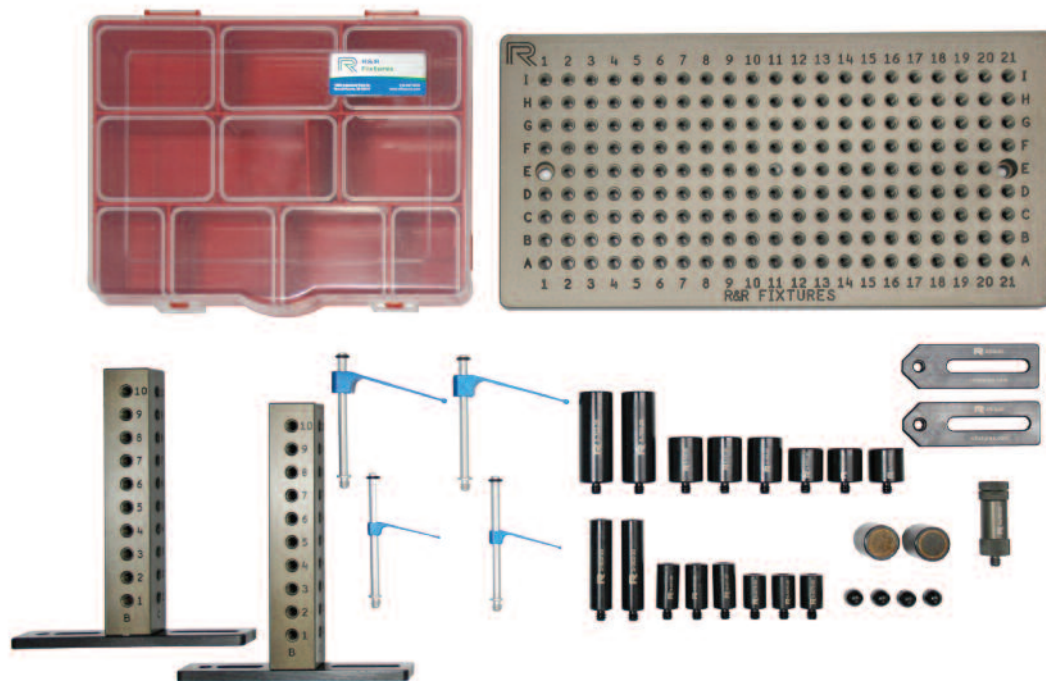
Setup in a matter of minutes

Affordable

Three Solutions To Choose From

Choose any or all of these options to make your optical comparator even more efficient and productive. These high quality precision fixtures enable you to take full advantage of the measuring and inspection capabilities of your optical comparator and will fixture a broad range of applications.

All three options will work for an infinite number of parts whether for prototype or production. Each allows the user to arrange the fixture/vise in a definite alignment on the Optical Comparators rails.



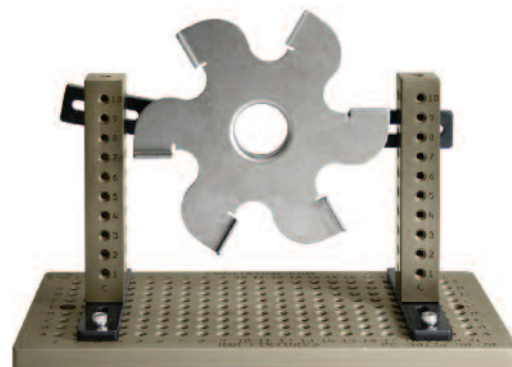
Optical comparator fixture kit

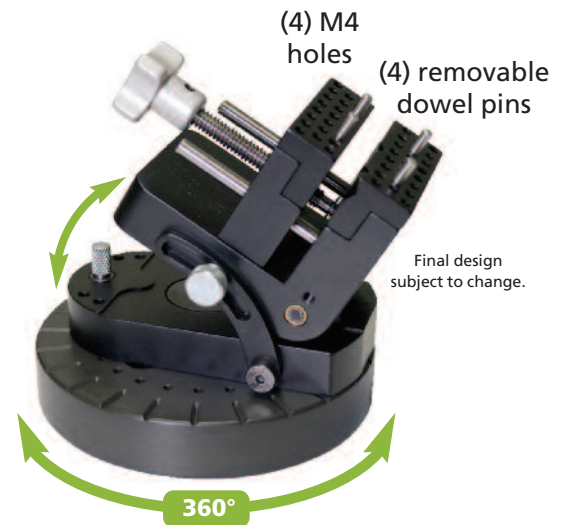
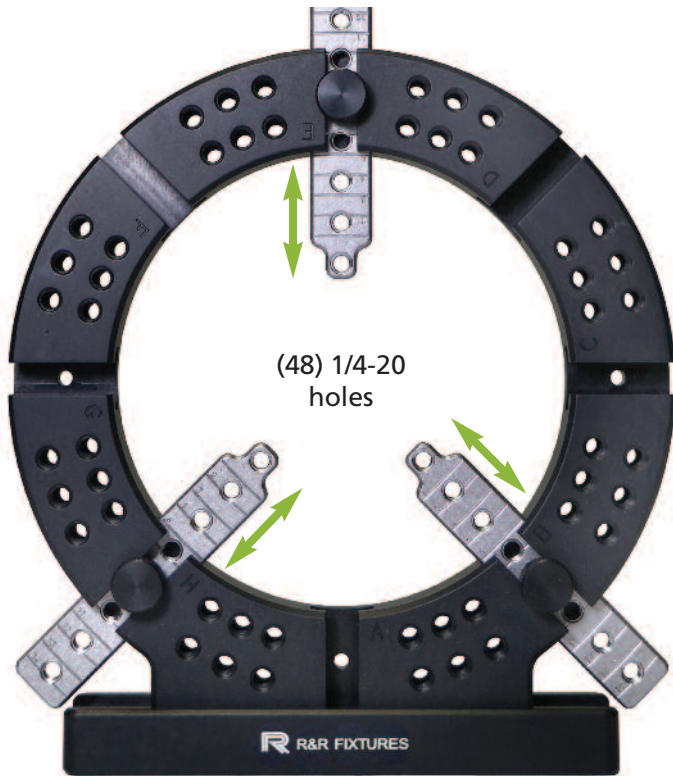
The base plate and components will allow your parts to be accurately held in a definite alignment, while the parts being measured are extended into the beam of light path on your comparator. The alpha-numeric plate and labeled components will allow the user to set parts up the same way each and every time.

The optical comparator kit includes an R&R Fixture base plate and a set of components. The plate can be mounted directly onto your optical comparator by use of dovetail/jam nuts.*

QTY	PART #	DESCRIPTION
1	fixture plate	.50" x 12" x 5" cast aluminum base plate with (189) 1/4-20 threaded holes .50" on center with a protective NiTuff hard coat anodize coating
2	M-75-20	.75" dia. x 1.0" magnet
3	S-5075-20	.50" dia. x .75" standoff
3	S-501-20	.50" dia. x 1.0" standoff
2	S-502-20	.50" dia. x 2.0" standoff
3	S-7575-20	.75" dia. x .75" standoff
3	S-751-20	.75" dia. x 1.0" standoff
2	S-752-20	.75" dia. x 2.0" standoff
2	CT-160-275-20	1.6" tension clamp with 2.75" post
2	CT-250-275-20	2.5" tension clamp with 2.75" post
4	RPS-20	steel resting pin
2	T-16-20	1.0" sq. x 6" tower (1 row, 4 sides) with 1/4-20 thread
1	AJ-50-20	.50" dia. adjustable jack stand
2	AS-3-20	3.0" long adjustable slide
1	XT-Box	organizer box

*Dovetail/jam nuts not included, contact R&R or machine manufacturer for additional information





Optical comparator vertical fixture

The R&R Optical Comparator vertical fixture is the first of its kind and provides a very effective and efficient way to hold your parts with minimum contact but maximum access. It can be mounted directly onto the rails of your comparator by use of dovetail/jam nuts* or thread into the R&R optical comparator fixture plate.

- Vertical base has 8" OD & clear area of 5.5" ID
- (3) arms slide in and out to desired position
- Fixturing components (1/4-20) can mount to face

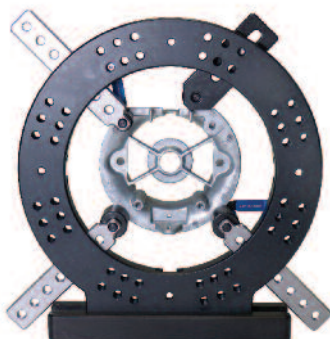
PART#	THREAD	HT	ID	OD	ARM
OCVF-7589-20	1/4-20	8.5"	5.5"	8"	4"

Rotational angle vise

The rotational angle vise provides quick, convenient staging for a variety of your parts and can be mounted directly onto the rails or your R&R Optical Comparator fixture base plate by use of dovetail/jam nuts. The vise is designed to rotate 360 degrees and includes 15 degree graduations on it. Jaws open to 1.25" (32 mm) making it an easy and convenient way to fixture your parts.

- Pivot 0-90° without needing to refixture part
- (4) dowel pins allow parts to be held inside/outside
- (4) M4 threaded holes hold fixturing components

PART#	DIA	HT	ADJ
CRAV	4.19"	3.53"	1.25"

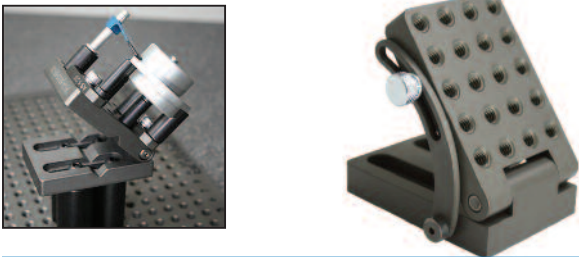


For even greater flexibility . . .

add more fixturing components to your optical comparator fixture kit.

Adjustable angle plate

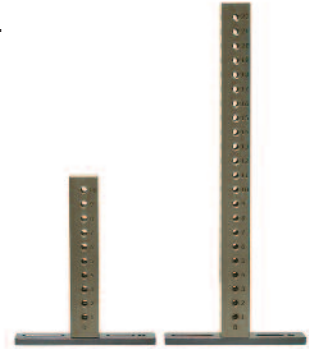
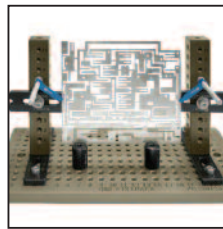
For holding components on any angle. The angle is adjustable to 180 degrees and can be set into fixed positions vertically or horizontally.



PART#	THREAD	HT	PRICE
PCA-5023-50-20	1/4-20	2.0"	\$154.00

Tower

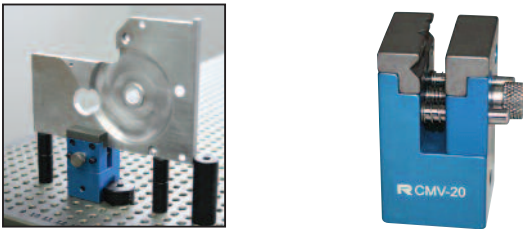
To hold a part vertically.



PART#	THREAD	HT	BASE	TOWER	THREADED ROWS	PRICE
T-16-20	1/4-20	6.0"	5.0" x 1.0"	1.0"	1	\$130.50
T-112-20	1/4-20	12.0"	5.0" x 1.0"	1.0"	1	\$167.50

Mini vise

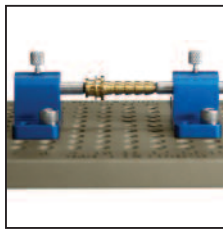
For clamping a small area of a part. Vise can be rotated 360 degrees and then locked into position.



PART#	THREAD	HT	WIDTH	DEPTH	ADJ	PRICE
CMV-20	1/4-20	2.25"	1.25"	1.25"	0.437"	\$250.00

Centers

For holding cylindrical parts at each end on their inside diameters.



PART#	QTY	THREAD	DIA	HT	WIDTH	DEPTH	PRICE
CC-6-25	2	1/4-20	.25"	1.10"	.875"	2.0"	\$368.00
CC-13-50	2	1/4-20	.50"	1.48"	1.5"	2.5"	\$440.00
CC-25-1	2	1/4-20	1.0"	2.13"	2.0"	2.0"	\$536.00

You can never have too many fixtures or fixturing components. See our website for more details and our full line of fixturing accessories and examples.

