

STEP 1 BORE



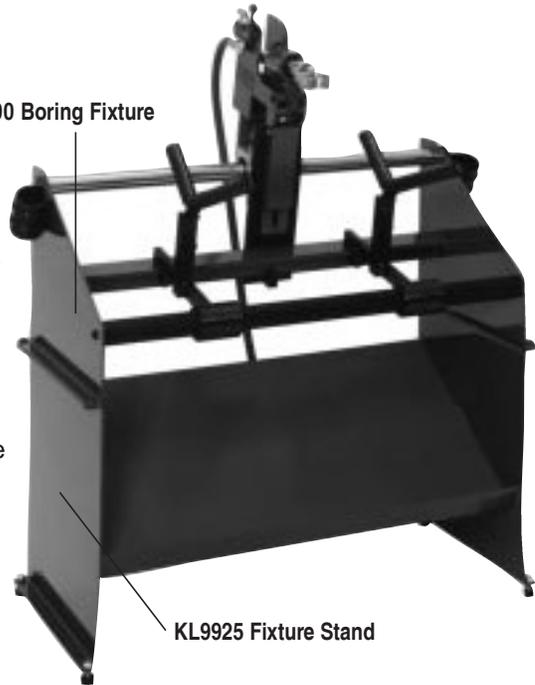
KL9900 VALVE GUIDE BORING FIXTURE

The K-Line® Valve Guide Boring Fixture has been uniquely designed to meet the needs of the quality minded engine rebuilder. This boring fixture provides perfect alignment with the valve seat for boring out worn valve guides prior to K-Line® Guide-Liner® Installation.

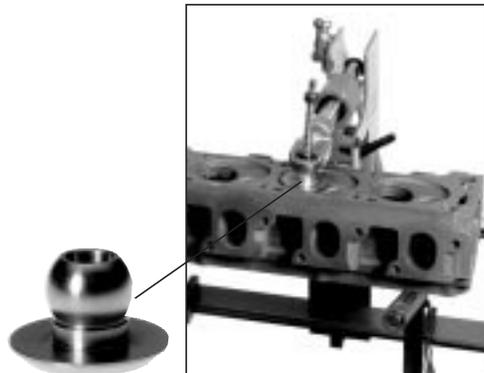
Used in conjunction with K-Line® boring tools, including the Black Beauty® Guide Pro® Solid Carbide Boring Reamers, you can expect unmatched consistency, speed and performance. Two-point alignment and positive clamping action ensures that guide-to-seat alignment is precise. Finished in a durable hammertone blue powder coating.

Made in U.S.A. U.S. Patent No. 5,281,057. Canadian Patent No. 2,090,627. Other U.S. & foreign patents pending.
Dimensions: 35"W x 24"D x 22"H F.O.B. Holland, MI

KL9900 Boring Fixture



KL9925 Fixture Stand



Features

- Accommodates all popular heads, cast iron and aluminum, including multi-valve dual overhead cam designs.
- Adjustable V-cradle head stands (height & width) are non-tip for safe operation.
- Twin bearings in boring fixture head for longer life.
- Boring fixture head and stands are slightly angled to reduce operator fatigue.
- Air control valve is centrally located for quick on/off clamping action.
- Quick disconnect for interchangeable valve seat bushings.
- Built-in air tool holsters for easy air tool accessibility.

A must for high-performance applications, heads with canted or opposing guides and production environments.

KL9925 FIXTURE STAND

Custom designed to fit the KL9900 Boring Fixture. Enhances the ergonomics of the KL9900. Angled back splash catches metal chips.

Dimensions: 35"W x 24"D x 22"H
F.O.B. Holland, MI

KL9926 OPTIONAL AIR MANIFOLD

Custom designed for the KL9900 Boring Fixture. Expands your shop air line into four. Connects the boring fixture, plus up to 3 additional air tools. Three 6 ft. air hoses included.



KL9900K VALVE GUIDE BORING FIXTURE KIT

This package includes the KL9900 Valve Guide Boring Fixture, the KL9925 Fixture Stand and the KL9907 Valve Seat Bushing Kit (detailed description of KL9907 on page 17). F.O.B. Holland, MI.

KL9900 REPLACEMENT PARTS

KL9900-17 Plastic Tool Holster KL9900-29A Air Valve w/Lever KL9900-25 Spring Plunger

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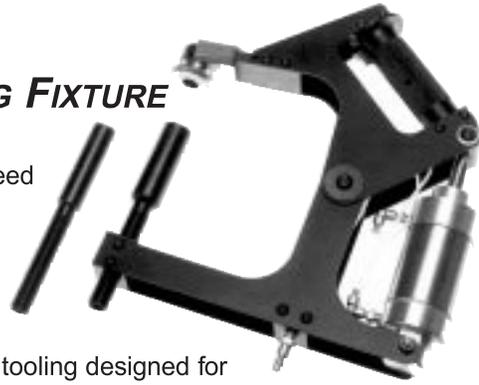
KL6600 PORTABLE BORING FIXTURE



KL6600 Portable Boring Stand shown with optional KL6625 Head Stand.

The KL6600 Portable Boring Fixture is designed for the engine rebuilder with speed and accuracy in mind, all at a reasonable price. This air-powered boring fixture provides portable, rigid 2-point clamping action between valve and spring seats, while maintaining/improving guide-to-seat concentricity, and using the same tooling designed for K-Line's larger boring fixtures.

U.S. Patent No. 5,281,057. Canadian Patent No. 2,090,627



GO-NO-GO GAUGES

Designed to be used as a quick check after boring the original valve guide. Will detect under or over sizing of the valve guide before installation of the Guide-Liner®. Will also help the machinist know when the boring tool is approaching dull stage and needs to be sharpened or replaced.



Part No.	Size
KL2500	5/16"
KL2501	11/32
KL2502	3/8"
KL2494	.358"
KL2495	.359"
KL2496	.389"
KL2497	.417"
KL2509	1/2"

Part No.	Size
KL2498	5.5mm
KL2499	6mm
KL2504	6.6mm
KL2505	7mm
KL2506	8mm
KL2507	9mm
KL2508	10mm

KL9449 VALVE GUIDE BORE GAUGE

Precision dial gauge measures 5/16", 11/32", 3/8", 8mm, 9mm and 10mm valve guide IDs—even over knurled or threaded guide IDs.

Covers ranges from .300" thru .400". Comes with 6 split-ball probe extensions and a storage box. This gauge has an accuracy of .00016".



KL8540 SMALL HOLE GAUGE SET



Range: 1/8" to 1/2"

Ideal for checking valve guide wear and small hole diameters. Insert split ball into hole and expand by turning knob or handle. Retract and read measurement with outside micrometer.