



KILFITT MAKRO KILAR

Lens Set

TECHNICAL OVERVIEW

KILFITT MAKRO KILAR

The Kilfitt Makro-Kilar lenses, introduced in 1955, are celebrated as the first 35mm SLR macro lenses capable of focusing seamlessly from infinity to close-up magnifications. Designed by the visionary Heinz Kilfitt and produced by Kamerabau-Anstalt-Vaduz in Liechtenstein, these lenses revolutionized macro photography with their groundbreaking versatility and precision.

Available in two versions—the Makro-Kilar D, which achieves a true 1:1 life-size reproduction ratio, and the Makro-Kilar E, focusing to a 1:2 half life-size ratio—both lenses utilized a Tessar-type optical design with four elements. They were equipped with a preset diaphragm that required manual adjustment of the aperture before shooting, a hallmark of their era. However, through our rehousing process, this limitation has been eliminated, bringing these historic optics up to modern standards of usability.

The Makro-Kilar lenses were remarkable for their ability to deliver sharp, high-quality close-up images without the need for additional accessories, setting a benchmark for future macro lens designs. Their pioneering role in macro photography, combined with their distinct rendering and optical performance, makes them an enduring classic. Rehoused for contemporary cinema use, these lenses retain their unique character while offering the reliability and precision demanded by today's filmmakers.



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LENS SETS SPECIFICATIONS

Lens	Focal Length	Enhanced CF	Focus Rotation	Weight (KG)	Front Diameter	Length (mm)	Image Circle	Iris Blade Count	Tstop
Kilffitt	40	8"	330°	1.10Kg	110	20	VISTA	15	T2.9
Kilffitt	90	16"	330°	1.75Kg	110	38	ALEXA65	15	T2.9


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At GL Optics, we are proud pioneers in the art of lens rehousing. Now on our Mk V lens body, we have established a reputation for excellence.


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