

GOLD DOT DAGOR

A normal lens with unsurpassed wide field covering power, the GOLD DOT DAGOR is used for critical applications where extreme sharpness is needed. A convertible lens, the front or rear element may be used alone to give a longer focal length and softer image for portrait and landscape work.

FORMATS 4" x 5" (90mm x 120mm) and larger

LENS TYPE Wide Coverage Normal; Convertible

FOCAL LENGTHS

150mm (6")
210mm (8¼")
240mm (9½")
270mm (10¾")
305mm (12")

SPEED

f/6.8

SMALLEST F/STOP

f/45

ANGLE OF VIEW 70° at f/16
82° at f/22
87° at f/45

MOUNTS Barrel Mounts in all focal lengths
Mechanical Shutters — Copal, Acme

LENS CONSTRUCTION

6 Elements in 2 Groups, symmetrical

ACCESSORIES

Flanges (mounting)



Schneider

**PHOTOGRAPHIC
TAKING LENSES**

GOLD DOT DAGOR

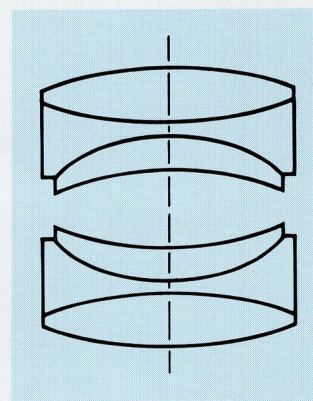
DESCRIPTION

Certain lens designs gain a reputation for their excellence, and time, rather than making them "old", only helps to reinforce and enhance their recognition. The GOLD DOT DAGOR is one of these lenses.

A development of the world famous DAGOR design, originally built by Goerz, the GOLD DOT DAGOR is a six element lens with a speed of f/6.8. This lens offers the broadest covering power of any normal lens available. For example, a 6 inch (150mm) GOLD DOT DAGOR covers a 4" x 5" format (90mm x 120mm) wide open, a 5" x 7" (130mm x 180mm) at f/16, and reaches 8" x 10" at f/45. The 8¼ inch (210mm) lens covers 5" x 7" wide open, 8" x 10" (180mm x 240mm) at f/22, and 10" x 12" (240mm x 200mm) at f/45.

This means that you can use the 6-incher as a normal lens with extreme coverages for tilts and swings for 4" x 5", a "wide field" lens with more than adequate coverage for all camera movements at 5" x 7", and a wide angle lens at 8" x 10" without any movements.

And performance is not sacrificed at the smaller apertures. These lenses are designed specifically for larger format cameras, where the maximum aperture is used mainly for focusing. They are individually hand assembled and hand aligned to provide pinpoint sharpness at even their smallest aperture. Use of the symmetrical design also ensures that no "shift focus" occurs as the lens is stopped down.



CONVERTIBILITY

In addition to its excellence, the GOLD DOT DAGOR is a convertible lens, offering softer tones and a longer focal length for certain portrait and landscape work. A convertible lens is one in which the front and rear lens cells can be separated and used independently. Together, the front and rear cells are corrected for astigmatism and produce high sharpness and contrast. But separately, the individual cells are not anastigmats. This results in less sharpness — giving the relatively soft image ideal for certain portraits and landscape work. The focal length of the individual cells is also greater than the combination, another desirable lens characteristic for this specialized work.



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