

# WILSONWERKS ARCHIVES

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**... Plus Unsurpassed Optical Performance.**

lens system when attached to the lens barrel. This TAMRON innovation is both practical and economical. Once you start building it up, your TAMRON ADAPT-A-MATIC lens system can be used most effectively with any camera, just by interchanging the lens mount. And, the procedure for installing and dismantling, too, is simplicity itself.

The following types of interchangeable TAMRON ADAPT-A-MATIC mounts are available:

- P-CS for Asahi Penta S2, SV and SP, Praktica, Edixa, Mamiya TL and Ricoh Singlex TL
- N-F for Nikon F, Fotomic, Nikkormat FS, FT and Nikkorex F
- SR for Minolta SR1, SR2, and SR7,
- K-A for Konica Autoreflex
- P-E for Petri FT, V6, 6F and V3
- C-AF for Canon FP, FT, FX and Pellix
- EX for Exakta cameras
- M-A for Miranda F, G, Automex III and Sensorex
- SR-T for Minolta SR T101
- T-O for Topcon RE super, RE-2

**TAMRON ADAPT-A-MATIC LENS SERIES**



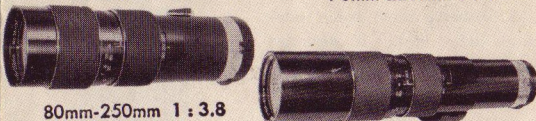
21mm 1:4.5    28mm 1:2.8    35mm 1:2.8



135mm 1:2.8    200mm 1:3.5



300mm 1:5.6    70mm-220mm 1:4

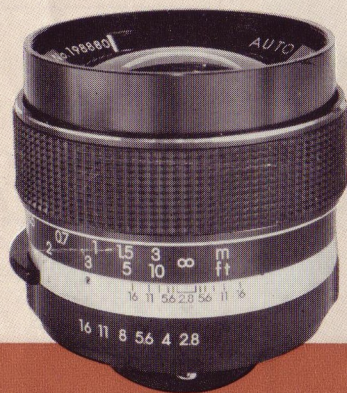


80mm-250mm 1:3.8    200-500mm 1:6.9

LM SERIES

**tamron**  
**Adapt-A-Matic**

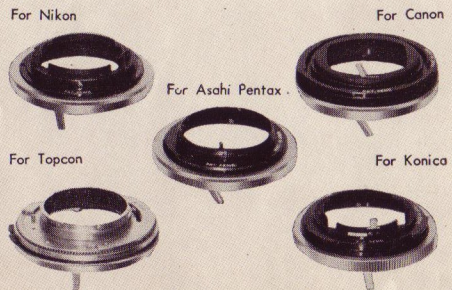
FULLY AUTOMATIC LENS



**Fully Interchangeable Mount System . . .**

Serious photographers wishing to build up a system of interchangeable lenses for life-time use will find the long-sought-for answer in the TAMRON ADAPT-A-MATIC Series.

Beside the superb optical performance guaranteed through application of the most up-to-date theories and techniques in lens designing, the TAMRON ADAPT-A-MATIC Series offers the advantage of a unique fully automatic diaphragm system adaptable to all popular models and makes of single-lens reflex cameras. A major breakthrough in precision engineering of the fully automatic diaphragm system, the interchangeable TAMRON ADAPT-A-MATIC mount instantly becomes an integral part of the



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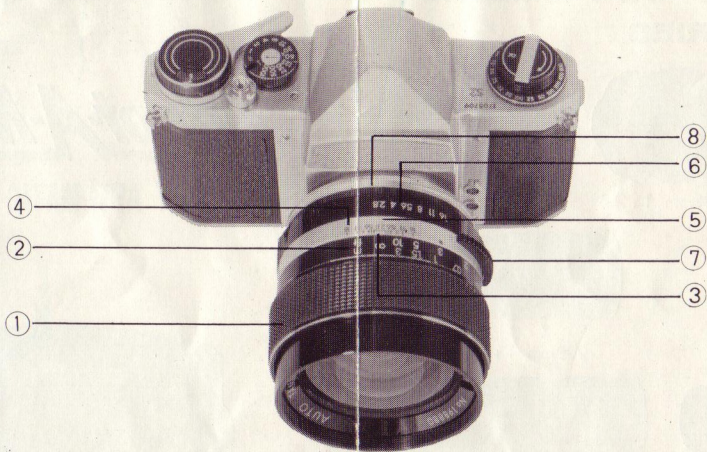
**28 mm 1:2.8**  
with interchangeable  
**TAMRON ADAPT-A-MATIC Mount**

## Extra-wide coverage, plus high speed for maximum versatility

With a speed of F: 2.8, the TAMRON ADAPT-A-MATIC 28mm Wide Angle Lens enables versatile use both indoors and outdoors in situations where maximum coverage is a prerequisite. It offers more than a 10 degree wider angle of view than the 35mm lens of the same TAMRON ADAPT-A-MATIC Series, producing a dynamic perspective effect for exaggerated impression of depth. Focusing down to 0.22 meter (9 inches) from the film plane and providing an extensive depth of field, the 28mm F: 2.8 wide angle lens is particularly effective for snapshots, group photography, etc. in both black-and-white and color.

## Fully Automatic Diaphragm System

Regardless of the f-stop preselected, the fully automatic diaphragm system enables you to focus and compose through the finder of your single-lens reflex camera always at fully aperture. The diaphragm stops down to the required aperture only over the fraction of the second exposure is made, sparing you of the frustration of spoiling an otherwise perfect picture by forgetting to close down the diaphragm before shooting—a common experience with lenses featuring manual preset diaphragm. The automatic diaphragm system operates so smoothly that you will hardly notice it when it closes down to the preselected aperture. Effective preview of the depth of field at different apertures is provided through manipulation of the preview lever.



1. Focusing ring
2. Distance scale
3. Distance scale index mark
4. Depth-of-field scale
5. Aperture scale index mark
6. Aperture scale
7. Depth-of field preview lever
8. Interchangeable TAMRON ADAPT-A-MATIC mount

## SPECIFICATIONS

Focal Length :	f=28mm
Maximum Aperture :	F:2.8
Lens Composition :	7 elements in 6 groups
Angle of View :	75°
Minimum Focus :	0.22 meter (9 inches)
Focusing Mechanism :	Straight helicoid focusing system
Diaphragm Mechanism :	Fully automatic diaphragm system
Diaphragm Scale :	2.8, 4, 5.6, 8, 11 and 16
Filter Size :	62mm dia. screw-in type
Maximum Diameter :	69mm
Overall Length :	66mm
Weight :	355 grams (12.5 oz)



Standard 50mm lens

TAMRON ADAPT-A-MATIC 28mm

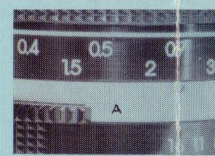
## Aperture Setting

### 1. Automatic Diaphragm System

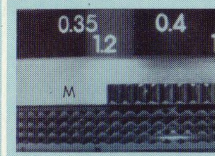
Just adjust the aperture scale to the desired setting as with any other lenses. The automatic diaphragm system of the TAMRON ADAPT-A-MATIC lens will do the rest. It couples perfectly with the operation of the shutter, closing down to the preselected aperture only over the fraction of a second during which exposure is made and permitting focusing, composition and effective photographic follow-through always at full lens opening. At fully automatic diaphragm operation, make sure the preview lever is set at A (Auto).

### 2. Manual Setting of Aperture

When the preview lever is set at M (Manual), the diaphragm will close down to the preselected setting. Also at M (Manual), the diaphragm can be closed or opened manually by turning the aperture ring as with ordinary lenses.



Preview lever at "Auto"



Preview lever at "Manual"



Figure aligned with the index mark is the aperture setting.

## Depth-of-Field Scale

The extent of the depth of field varies according to the aperture selected and the camera-to-subject distance. Aside from previewing the depth of field through the finder by manually closing down the lens opening, the depth-of-field scale on the lens barrel will provide an effective guide.



Instructions for attaching and interchanging lens mount adapters for:

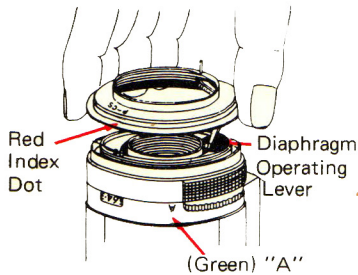
CANON  
EXAKTA  
KONICA  
MINOLTA

MIRANDA  
NIKON  
NIKKORMAT

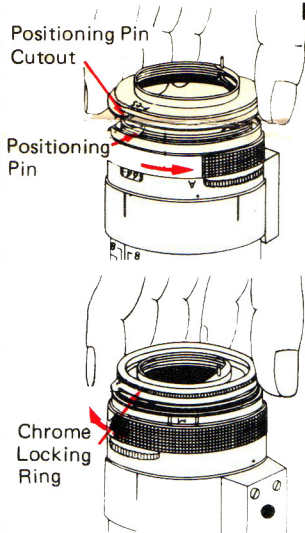
PENTAX/PRAKTICA  
PETRI  
TOPCON

**NOTE:** For meter coupling on Nikon, Topcon, Minolta SRT and Miranda Sensorex see instructions on reverse side before proceeding with installation of lens adapter.

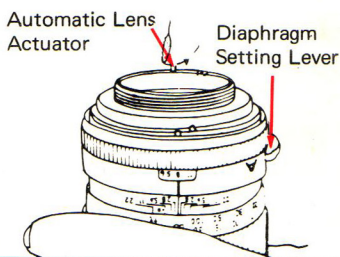
**Fig. 1.**



**Fig. 2.**



**Fig. 3.**



**ATTACHING LENS ADAPTER**

1. Set diaphragm selector switch on automatic (green "A" will be visible). Unscrew protective plastic cap from rear of lens. Remove adapter from protective plastic case by:
  - a) Removing rear lens cap
  - b) Unscrewing locking ring in counter-clockwise direction.
2. Place lens on table (or convenient flat surface) with rear of lens up.
3. Holding lens with your left hand, and adapter in right hand, align the red index dot on rear of lens barrel with the red index dot on the rim of adapter. On Minolta SRT, Canon, Exakta and Topcon the red dot is on the rear of adapter near the identifying letters (TO - CAF - EX or SRT) Fit adapter to lens, being careful not to force or bend diaphragm operating lever on adapter when you insert it into the lens barrel.

**For Minolta SRT 101, Topcon D-1, and Super D, raise adapter slightly and align flange on meter coupling band with claw on side of adapter. (If these are not properly aligned, rotate either flange or claw while holding adapter and lens in position). See Figure 4, page 2.**

4. Push down lightly on adapter and turn it counter-clockwise (about 1/4") until you hear and feel the positioning pin engage the cut-out on the adapter rim.
5. Before securing adapter, check for proper diaphragm action by setting lens to its smallest opening (F/16, or F/22) and with mode selection in auto, operate the diaphragm pin or lever a few times. Lens diaphragm should open and close down to minimum aperture each time. If not, remove adapter and re-install as above.
6. Secure adapter to lens by screwing chrome locking ring clockwise until hand tight. (Note: With some adapters, the locking ring is a separate component and must be slipped on over rear of adapter. With other adapter models it is an integral piece and cannot be removed). Be sure to hold adapter in correct position on lens when securing locking ring.
7. Again check for proper diaphragm operation as in step 5. Lens may now be installed on your camera in the usual manner.

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Specifications subject to change without notice.

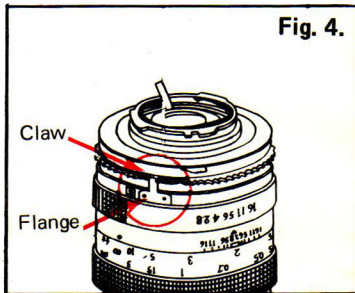


Fig. 4.

Minolta SRT 101 and Topcon

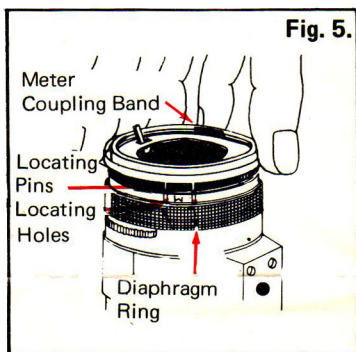


Fig. 5.

Miranda Sensorex, Nikon  
and Nikkormat

#### MOUNTING INSTRUCTIONS FOR METER COUPLING BAND

The camera's metering system is coupled to the automatic diaphragm of the lens through an external linkage and requires that you first install the correct coupling ring on your Tamron lens. The Nikon FT, FTN and the Nikkormat FT, FTN, Minolta SRT 101, Topcon D-1 and Super D adapter is supplied with applicable coupling band. The Miranda Sensorex coupling pin is available from your Tamron dealer at a small additional charge.

1. Loosen, but do not remove meter coupling band retaining screw, using jeweler's screwdriver provided.
2. Slip meter coupling band on rear of lens with the two (2) small locating pins facing toward front element of lens. Rotate ring until pins engage the correct locating holes. These holes are marked MA, (Miranda, Nikon) SRT.TO (Minolta SRT 101, Topcon). The spacing of the locating pins is such as to allow them to enter only the correct and corresponding set of holes. (Note: Tamron lenses of earlier manufacture may have different markings. Use the holes in which the locating pins fit).
3. Tighten meter coupling band retaining screw.
4. Follow instructions on reverse side to install adapter.