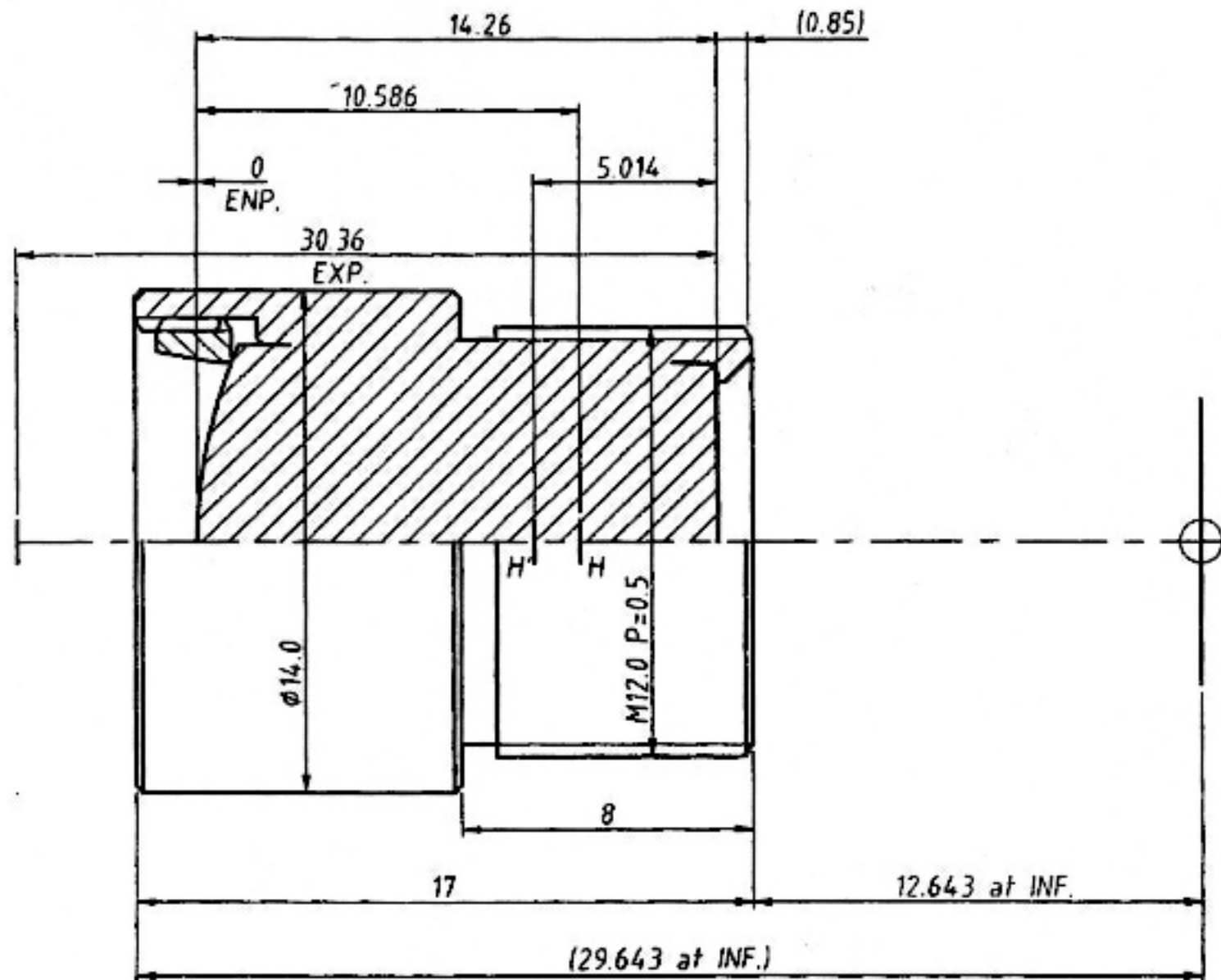


**Lens Specification**

Focal length : 18.507mm ± 5%  
 Back focal : 13.493mm ± 5% (in air)  
 Mechanical back : 12.643mm ± 0.4mm at INF.  
 Aperture ratio : F/1.8 ± 5%  
 CCD size : 1/3" CCD (3.6 × 4.8)  
 Angle of view :  
     Image to object distance = Infinity  
         1/3"  
     Diagonal : 18.5°  
     Horizontal : 14.8°  
     Vertical : 11.1°  
 OPT. Distortion : -0.34% (Diagonal)  
 Aperture of front lens : φ10.0  
 Aperture of rear lens : φ9.0  
 Coating : All surface are antireflection coated.  
           (MgF2 single coat)  
           (λ = 550nm)



**UNIVERSE KOGAKU (AMERICA), INC.**

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**TITLE**

18.5mm F/1.8 CCD LENS

**DATE**

12/03/97

**SCALE**

None

**NO.**

HM-18.5BT

**DRAWN**

APPROVED