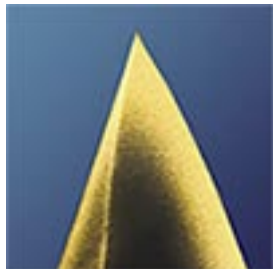
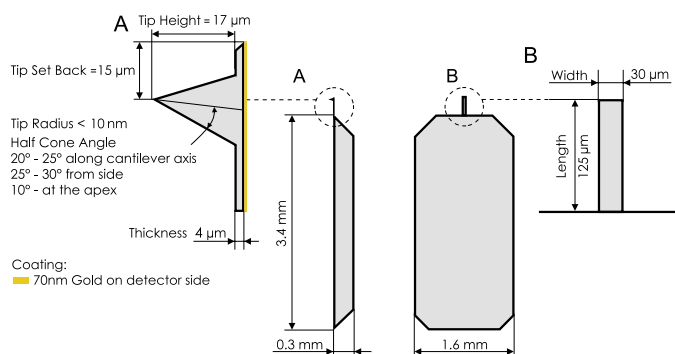




# AFM probe Model: Tap300GD



- Non-Contact , Tapping
- Rotated Monolithic Silicon Probe  
Symmetric Tip Shape  
Chipsize: 3.4 x 1.6 x 0.3 mm
- Coating: Gold coating of 70nm on the back side of the cantilever. This coating enhances the laser reflectivity of the cantilever.
- This probe uses an “on scan angle” symmetric tip to provide a more symmetric representation of features over 200 nm.



	Typical Values	Range
Resonant Frequency	300 kHz	+/- 100 kHz
Force Constant	40 N/m	20 - 75 N/m
Cantilever Length	125 µm	+/- 10 µm
Mean Width	30 µm	+/- 5 µm
Thickness	4 µm	+/- 1 µm
Tip Height	17 µm	+/- 2 µm
Tip Set Back	15 µm	+/- 5 µm
Tip Radius	< 10 nm	
Coating	Gold coating on detector side of the cantilever	
Half Cone Angle	20° - 25° along cantilever axis 25° - 30° from side 10° at the apex	

Order Code	Units in Package	Coating	Price
Tap300GD-10	10 pieces	Gold - detector side	\$240
Tap300GD-50	50 pieces	Gold - detector side	\$1000