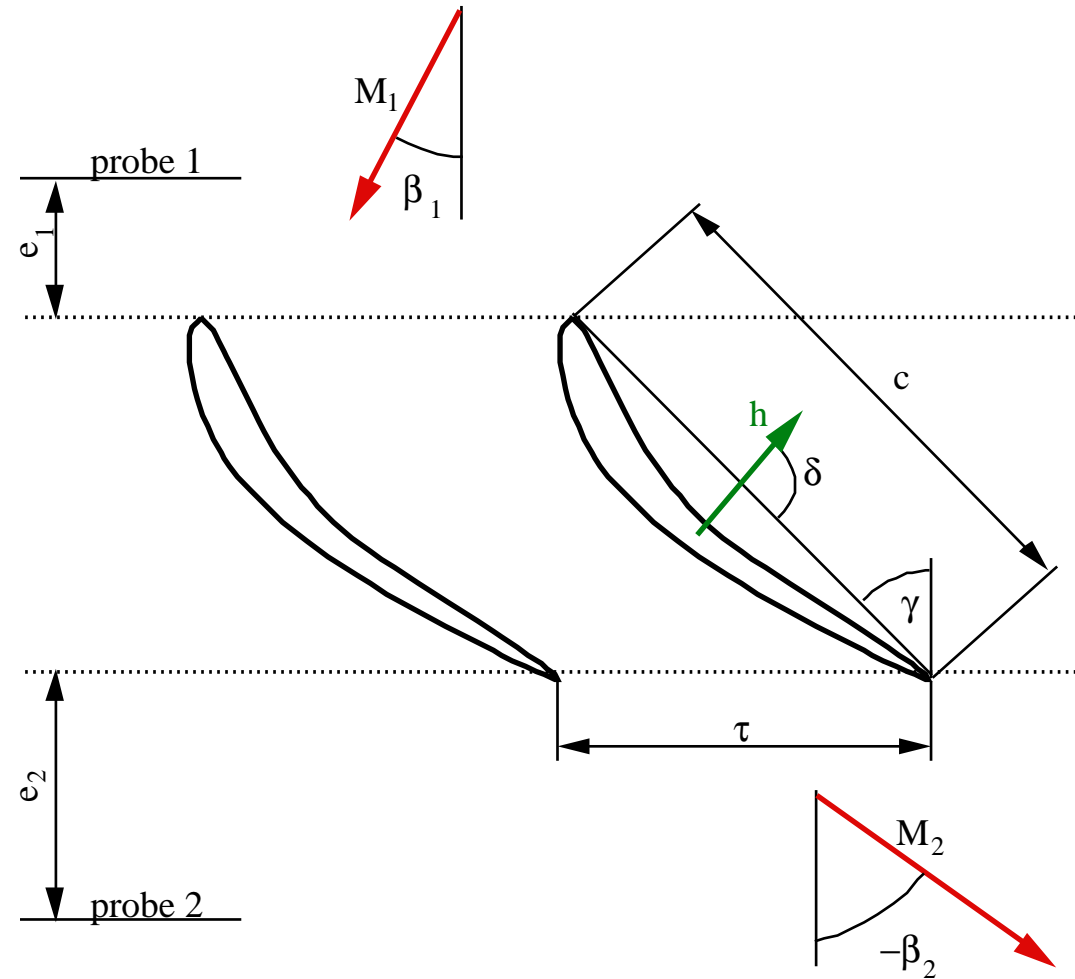


## NOMENCLATURE STCF 11

span: 40.0 mm  
 chord: 77.8 mm  
 stagger: -40.85°  
 pitch: 56.55 mm  
 1<sup>st</sup> bending mode  
 stiff blade vibration :  $\delta = 90^\circ$

Subsonic case   Off-Design case  
*separated flow on suction side*

$M_1$	0.31	0.4
$\beta_1$	15.2°	34°
$M_{2is}$	0.69	0.99
$k$	0.21340.1545	
$h/c$	0.0054	0.0035



# Definition of chord length

