

# HOLOGRAPHY



A milling-machine has been loaded. Each interference fringe corresponds to a movement of  $0.3 \mu\text{m}$ . Dense fringes signify a big movement. Straight

fringes signify tilting or turning; whereas curved fringes indicate deformation. The hologram has been made by using a helium neon laser.

## for precision studies of deformation and vibration

Holographic non-destructive testing (HNDT) can be used to test the firmness or the vibration of:

Tyres, airplane parts, tools, machine-tools, gear boxes, car engines, jet engines, turbine blades, castings, welding seams, glue seams, weapon, teeth, hands, spines, hearing-organs, measuring instruments, measuring devices, valves, pressure containers and many other.

Other fields where holography can be used:

Measurement of diameter, velocity and distributing of air-born particles. Gas and liquid current around turbine blades and wing profiles. Localisation of noise sources.

For further information please contact:

## LASERGRUPPEN HOLOVISION AB

Sandhamnsgatan 25  
S-115 28 Stockholm, Sweden  
Phone: + 46 8-63 99 08