



## SK SUPERFLEX

Piezoelectric sensing probe for measuring forces in machines and tools

- universally applicable force sensing probe
- measures forces perpendicular to the shaft
- will fit into the industry's standard 8 mm diameter sensor bores
- easy and quick to install
- well protected against external damage
- high resolution and sensitivity
- durable and wear-free
- 10.000's in daily use in industrial applications

## SUPERFLEX piezo-electric force probes

Piezoelectric sensors have proven their effectiveness for many years when it comes to measuring stress or forces in connection with machine monitoring devices.

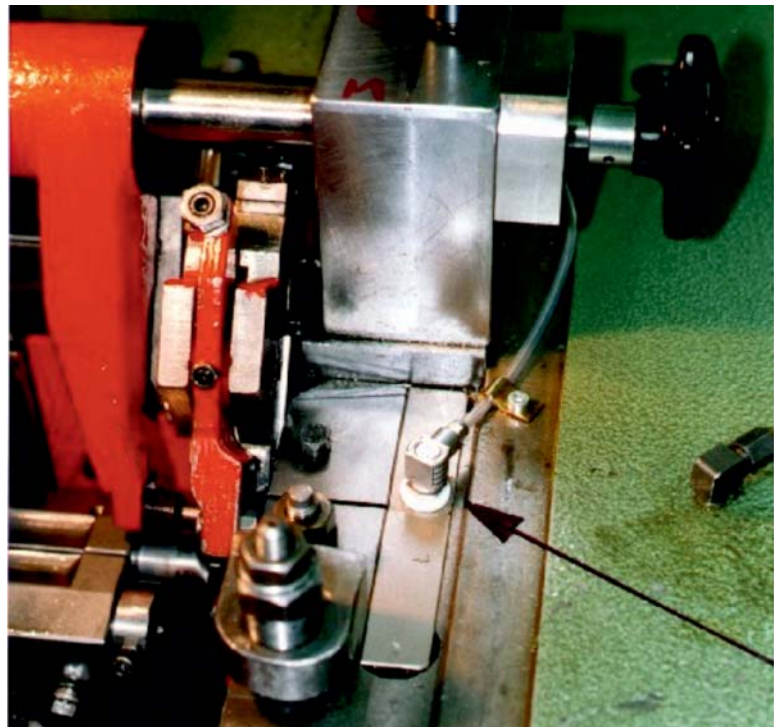
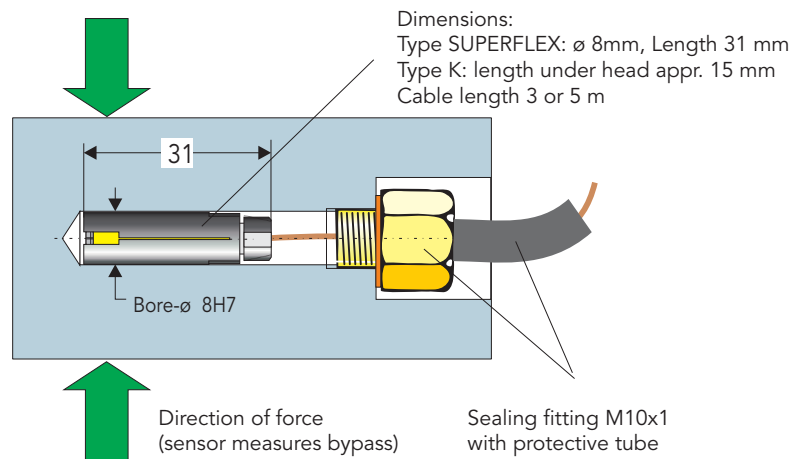
The robust design, the solid-state non wearing measuring principle, the high degree of sensitivity and the ease in handling have made piezo force sensors the standard in metalworking applications.

The SK-SUPERFLEX sensing probes are very easy to install into the industry standard sensing bores of 8 mm diameter. At the same time, they can be removed without damage and be re-inserted.

### Benefits:

- easy and quick, well protected installation
- high sensitivity
- made from stainless steel
- can be placed into any depth inside the bore with the special mounting tool
- K-type is designed for semi-recessed installation with a protection cap
- electrically and mechanically compatible to the industry standard
- wide range of mounting accessories for sealed or plug-in cable connection

## Mounting situation



### Mounting example:

SUPERFLEX sensor installed in a back plate of a heading machine; connection cable is fitted with a plug.



Type SUPERFLEX-K with protective cap

Technical modifications are possible without prior notice.