

## Tips for Piezo Actuators

### Accessories



### P-176.50-60-Bxx

- Flexible tips for compensating bend forces
- Ball tip for different load couplings
- Can be screwed on or screwed in

#### P-176.50 and P-176.60 flexible tips

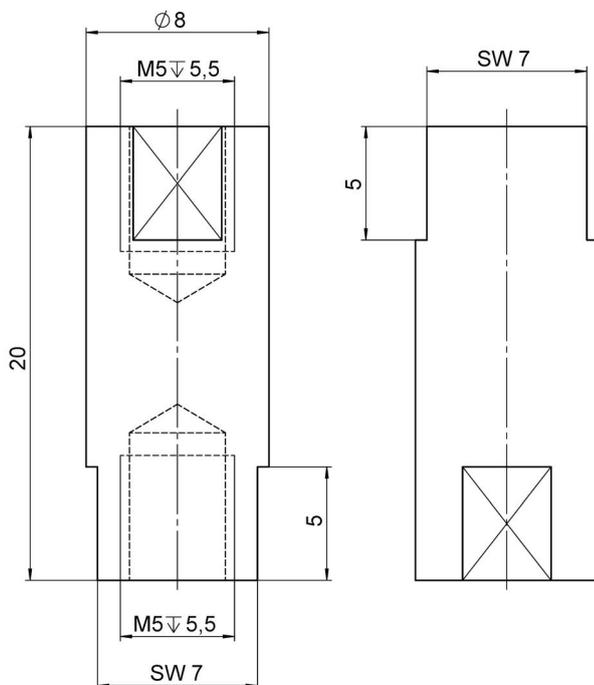
Piezo ceramic is sensitive to bend forces. The P-176.50 and P-176.60 flexible tips are recommended for applications where bend forces are unavoidable. They can be screwed onto the tips of P-842 / P-843 respectively P-844 / P-845 piezo actuators.

#### P-176.B12 ball tip

We recommend the use of ball tips to keep bend and shear forces away from the piezo ceramic. They can be screwed into the tip of the piezo actuator.

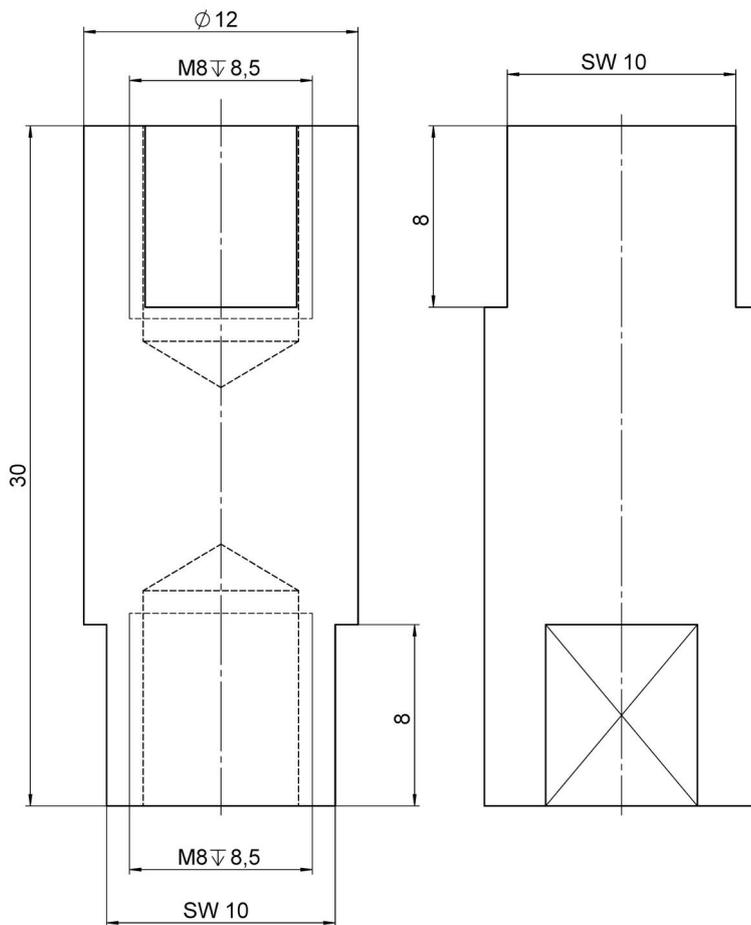
**Note:** The stiffness of the overall system is reduced by point contact of the ball tip.

## Drawings / Images

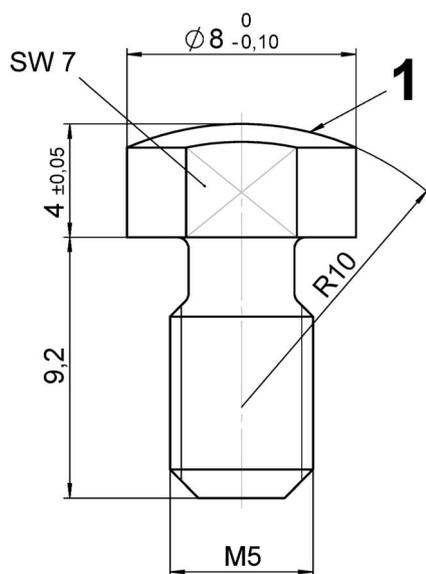


P-176.50, dimensions in mm. Note that a comma is used in the drawings instead of a decimal point.

## Drawings / Images



P-176.60, dimensions in mm. Note that a comma is used in the drawings instead of a decimal point.



P-176.B12, dimensions in mm. 1 = Contact surface hardened and polished. Note that a comma is used in the drawings instead of a decimal point.

## Order Information

**P-176.50**

Flexible tip with M5 thread, for mounting on P-84x piezo actuators

**P-176.60**

Flexible tip with M8 thread, for mounting on P-84x piezo actuators

**P-176.B12**

Ball tip, contact surface hardened and polished