



The *asy/txc/su/c* piezo actuator is a highly dynamic Torque-Block® drive with a single lever for implementation in difficult environmental conditions. In a tightly closed stainless steel housing, two Torque-Block®s working in parallel, drive a very long, extremely light lever made of laser-soldered, hollow section stainless steel.

The drive has the following features:

very large piezo stroke	1.2 mm
very high ratio	30
high level of drive stiffness	50 N/mm
very high natural resonance	1.1 kHz
very high dynamics	
max. acceleration	7500 m/s ²

Dimensions:

Height	146 mm
Mounting foot	Ø56 mm
Attachment	hexagon socket screw 2xM6 with 41 mm spacing

Application

The drive is designed for use in applications where very fast and precise movements in the mm-range are required.

It is particularly suited for use in difficult environmental conditions, such as high air humidity, aggressive media, dirt, dust or oil. When implemented in conjunction with a position measuring system, it is possible to achieve position resolutions smaller than 1 µm.

The specific application shown here is an example and we are happy to adapt the product to suit your specific requirements.

Order Number	Release	Description
<i>asy/txc/su/c</i>	1.0	Piezo actuator for mm ranges "