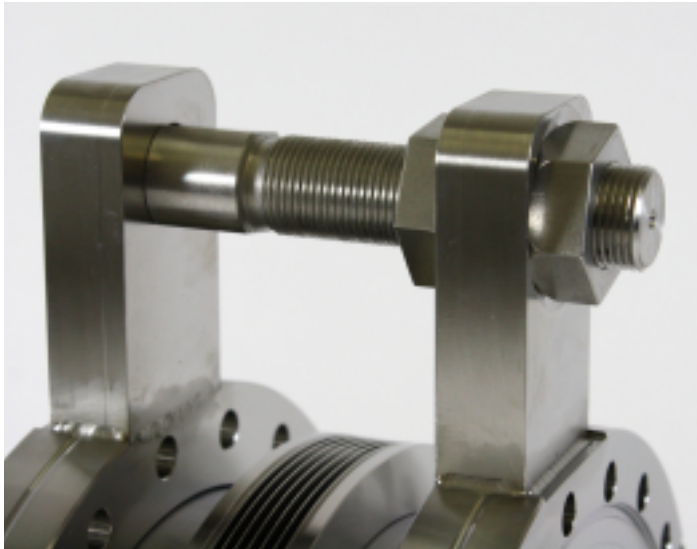


PA :: PORT ALIGNER

Ferrovac port aligners are made with high quality 316LN edge welded bellows. All models are available with through-hole flanges, one tapped flange (T1) or both flanges tapped (T2).

PAHL :: High Load Port Aligner

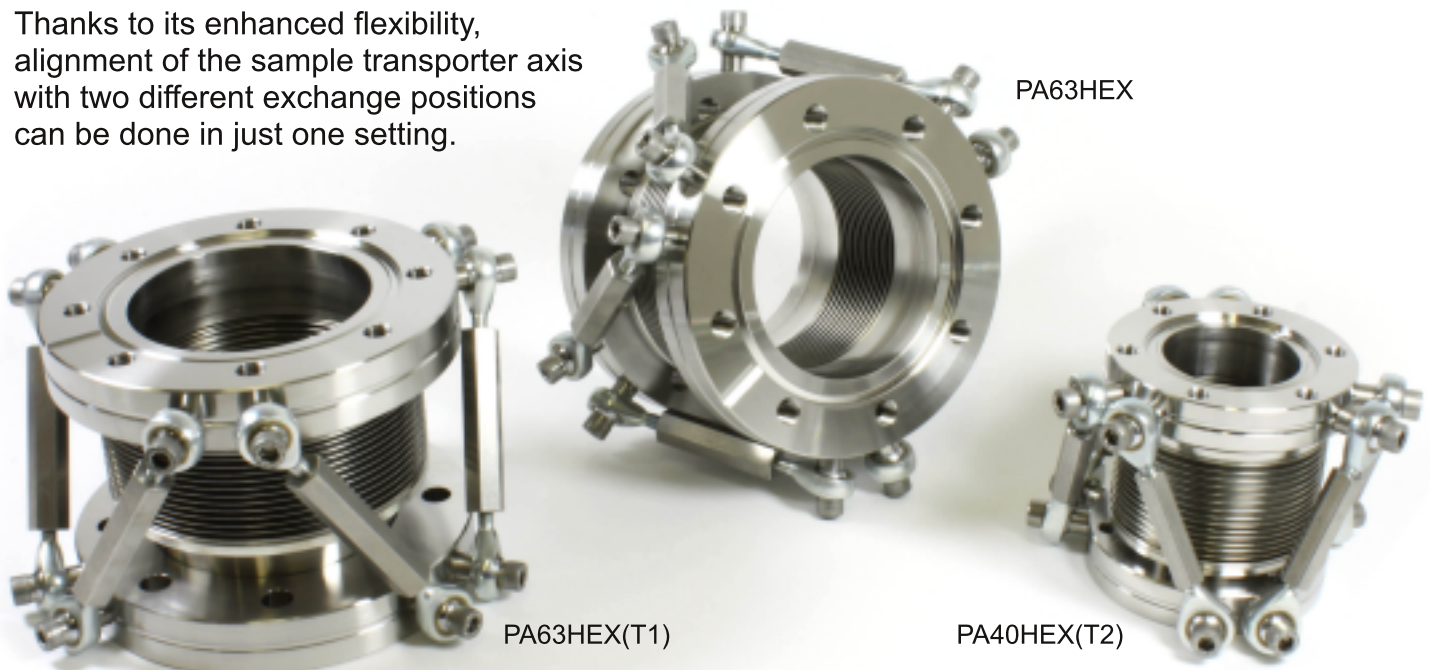
Three round shaped nuts on threaded bolts are used to adjust insertion length and angular deflection. PAHL are optimized for the angular alignment of heavy equipment **and are ultra compact**.



PAHEX :: Hexapod Port Aligner

Hexapod port aligners are especially sturdy and allow the adjustment of all degrees of freedom.

Thanks to its enhanced flexibility, alignment of the sample transporter axis with two different exchange positions can be done in just one setting.



PA63HEX

PA63HEX(T1)

PA40HEX(T2)

PA :: PORT ALIGNER

PAGS :: Gas Spring Port Aligner

Four gas springs compensate for the considerable forces resulting from the pressure difference between atmosphere and the evacuated system.

A typical application is the decoupling of an air suspended (optical) table from a UHV system which is installed on a rigid support.

Max. bakeout temperature:
150°C



PALY :: Lateral Port Aligner - PA tailored to customers' specifications

This special port aligner allows one axis lateral displacement as well as a tilt around the center of the moving flange. Do not hesitate to contact Ferrovac for your own port aligner solution!

