Accessories
Mounting accessories

Torque arm size M12

Description

The hollow shaft of rotational speed measuring devices in the A4 design (such as hollow-shaft incremental encoders) is pushed directly onto the drive shaft and frictionally locked to it. The reactive torque of the housing (breakaway torque of the ball bearings, friction of bearings and seals, mass inertia) is then taken up by a torque arm.

The swivel joints of torque arms in size 12 are conform to DIN ISO 12240-4, size series K, and are implemented as ball joints. This makes it possible for them to compensate the mounting tolerances of the drive shaft in an axial direction (e. g. as a result of thermal expansion of the shaft) and radial direction (e. g. as a result of eccentricity).

Torque arms are available for a wide variety of applications, in standard and insulated versions.
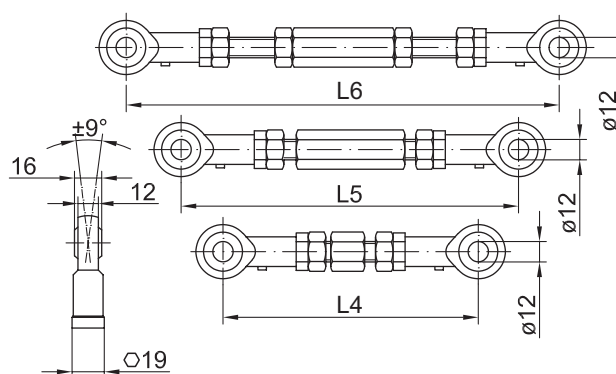
Definite length on request.

Part number

DMS 12	Torque arm size M12
11054922	Standard version, length 155 (-10/+15) mm
11054921	Standard version, length 190 (-10/+15) mm
11072741	Normal version, length 480-540 mm (can be shortened to ≥200 mm)
11054924	Insulated version, length 155 (-10/+15) mm
11072723	Insulated version, length 480-540 mm (can be shortened to ≥200 mm)

Suitable for

HOG 16 + DSL.E, HOG 16 + DSL.R, HOG 165, HOG 165 + DSL.E, HOG 165 + DSL.R, HOG 22, HOG 220, HOG 28

Dimensions

L4 = 145-170 mm
L5 = 180-205 mm
L6 = 465-520 mm (min. 205 mm)