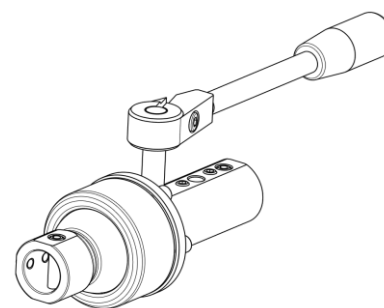


Product datasheet

Typ: Ball Joint quick release
Item number.: 100219
Version: 1.1
Stand: 11.11.2025



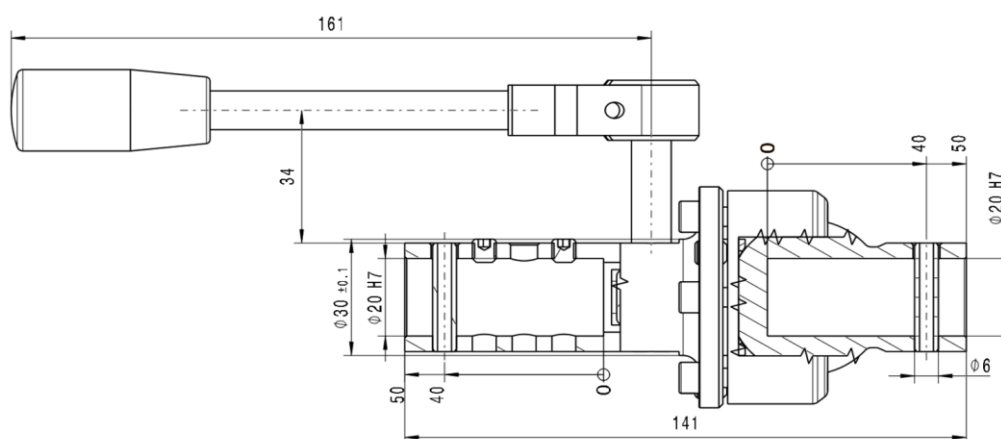
Description: Ball joints enable precise and continuous adjustment around the ball pivot point within the swivel range. Thanks to the efficient clamping mechanism, relatively high clamping forces are generated on the ball even with low tightening torques on the clamping screw. In order to achieve high holding torques on a permanent basis, the contact surfaces on the ball must be kept free of lubricants and other contaminants.

Use: Ideal for adjusting the perfect position of our control elements. However, also well suited for other applications where an adjustable yet very rigid position is required. Such as mounting cameras or sensors.

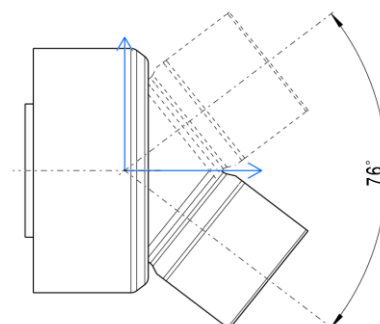
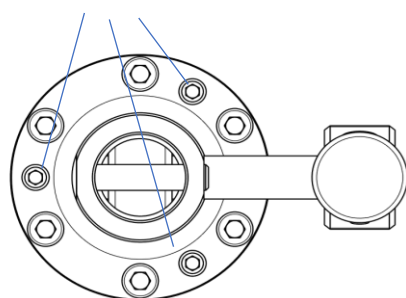
General technical data

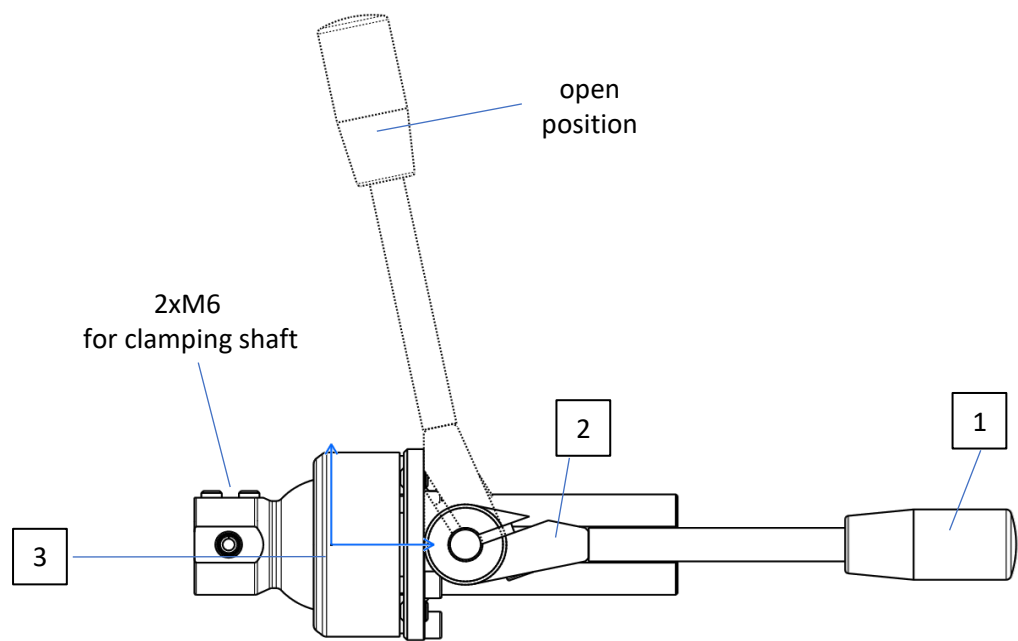
swiveling range	$\pm 38^\circ$, rotatable
connection to the tool	$\varnothing 20H7 / \varnothing 30 \pm 0,1$
connection to the shaft	$\varnothing 20H7$
Materials	Steel, chemically nickel-plated
Material information	RoHS compliant
enviroment	not suitable for outdoor use

Dimensions



3x adjustment screw for ball joint clearance





Spareparts:

Description	Item	Position
GEAR LEVER HANDLE	100231-01	1
SPLIT HUB	100233-01	2
ZB BALL JOINT D40	100220-01	3