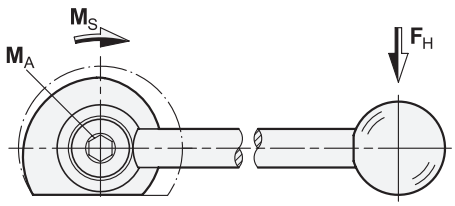

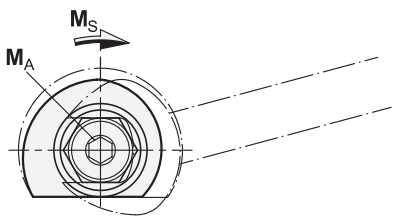

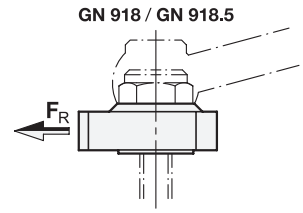

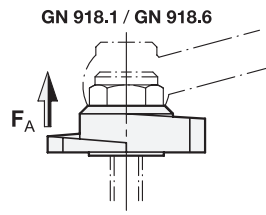

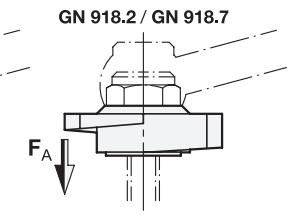

Clamping forces for fastening with threaded bolt (Type GV / KV / SK)

d_1	M_S max. Clamping torque in Nm				F_R Resulting radial clamping force in kN		F_A Resulting axial clamping force in kN	
	GN 918	GN 918.5	GN 918.1 GN 918.2	GN 918.6 GN 918.7	GN 918	GN 918.5	GN 918.1 GN 918.2	GN 918.6 GN 918.7
40	50	90	50	70	11	19	5,25	6
50	80	120	100	140	14	21	8	7,5

Clamping forces for fastening with screw from the operator's side (Type GVS / KVS / SKS)

d_1	M_S max. Clamping torque in Nm				F_R Resulting radial clamping force in kN		F_A Resulting axial clamping force in kN	
	GN 918	GN 918.5	GN 918.1 GN 918.2	GN 918.6 GN 918.7	GN 918	GN 918.5	GN 918.1 GN 918.2	GN 918.6 GN 918.7
40	90	90	70	50	16	14	7,5	4
50	140	120	140	100	23	18	11	7,5

Clamping forces for fastening with screw from back (Type GVB / KVB / SKB)

d_1	M_S max. Clamping torque in Nm				F_R Resulting radial clamping force in kN		F_A Resulting axial clamping force in kN	
	GN 918	GN 918.5	GN 918.1 GN 918.2	GN 918.6 GN 918.7	GN 918	GN 918.5	GN 918.1 GN 918.2	GN 918.6 GN 918.7
40	90	90	60	40	15	14	5,5	4
50	180	120	100	90	27	20	9	7

The clamping forces result from the clamping torque acting as a force on the clamping diameter, as well as from the wedge angle of the clamping surface.
The forces listed are approximate values that can be achieved with types featuring a hex drive. For types with a ball lever, these forces are lower due to the shorter lever arm.

Tightening torques

d_1	**for fastening with threaded bolt** (Type GV / KV / SK) M_A in Nm		**for fastening with screw from the operator's side** (Type GVS / KVS / SKS) M_A in Nm		**for fastening with screw from the back** (Type GVB / KVB / SKB) M_A in Nm	
	GN 918 GN 918.1 GN 918.2	GN 918.5 GN 918.6 GN 918.7	GN 918 GN 918.1 GN 918.2	GN 918.5 GN 918.6 GN 918.7	GN 918 GN 918.1 GN 918.2	GN 918.5 GN 918.6 GN 918.7
40	18	14	18	6	18	6
50	30	30	30	14	30	14