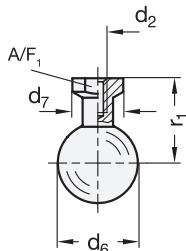
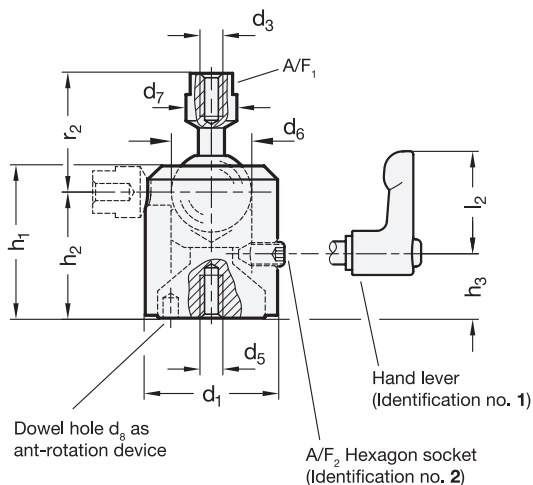
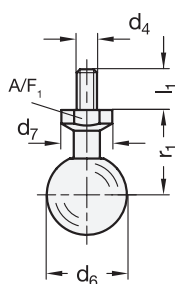


Type A



Type B

**3 Type**

- A** Ball with female thread
B Ball with male thread

4 Identification no.

- 1** Clamping with adjustable hand lever
2 Clamping with set screw

1 d_1	2 d_2^* Type A	r_1	2 d_3^{**} Type A	Inch thread	r_2	2 d_4 Type B	Inch thread	r_1	l_1
23	M 4	17,3	M 5	-	24,8	M 5	-	17,3	8
23	-	-	-	1/4 ($\cong$ 1/4-20)	24,8	M 6	1/4 ($\cong$ 1/4-20)	17,3	10
31	M 5	21,5	M 6	1/4 ($\cong$ 1/4-20)	32,5	M 6	1/4 ($\cong$ 1/4-20)	21,5	10
31	-	-	-	-	32,5	M 8	-	21,5	12
39	M 5	25,5	M 6	-	36,2	M 6	-	25,5	10
39	-	-	M 8	3/8 ($\cong$ 3/8-16)	40,5	M 8	3/8 ($\cong$ 3/8-16)	25,5	12
49	M 8	30,8	-	3/8 ($\cong$ 3/8-16)	44,8	M 8	3/8 ($\cong$ 3/8-16)	30,8	12
49	-	-	M 10	-	51,8	M 10	-	30,8	15

1 d_1	d_5^{***}	d_6	d_7	d_8	h_1	h_2	h_3	k	l_2	m	A/F_1	A/F_2	recommended tightening torque of the clamping (Identification no.) in Nm $\approx$	resulting stop torque on the ball in Nm $\approx$
23	M 5	14	11	2,5	26,6	21,7	10,6	32	22	7	9	2,5	1,5	4,5
31	M 6	18	14	3,5	35,5	29,6	14,9	36	22	9	12	3	2,5	6,5
39	M 8	24	15	4,5	45	37,2	18,9	44	30	12	13	4	4	16
49	M 8	28	19,5	4,5	56	46,1	24	49	30	16	17	4	4	20

* usable depth of thread min. $1,5 \times d_2$ ** usable depth of thread min. $1,5 \times d_3$ *** usable depth of thread min. $1,5 \times d_5$