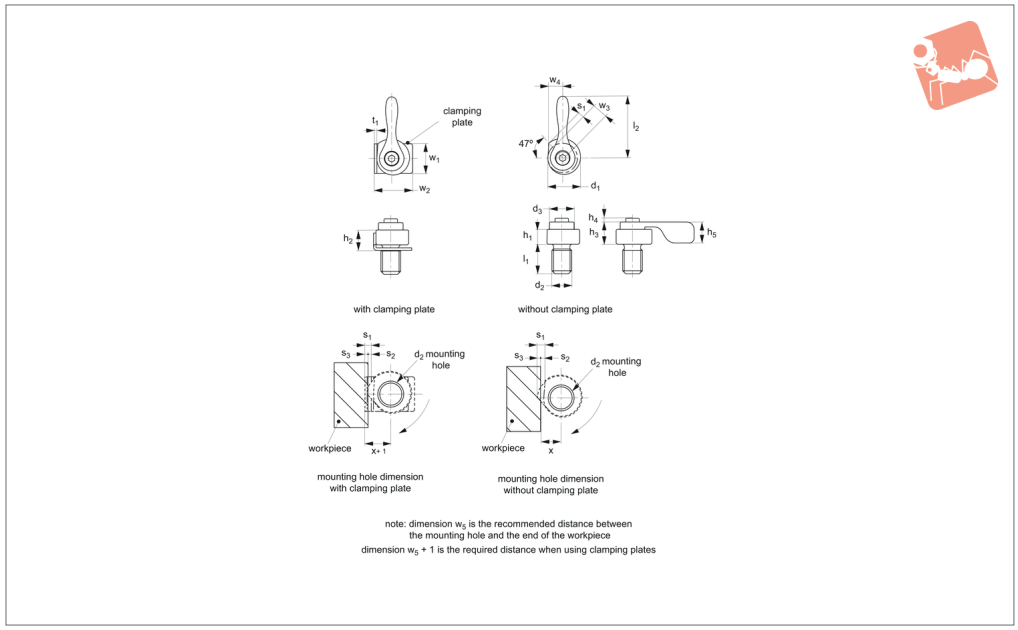


12108.2

Material

Clamp: steel (AISI 4140), HRc 33-39, blackened.
Plate: stainless steel (AISI 304, 1.4301).

Technical Notes

Extremely small and low height cam clamp offering upto 14 kN. clamping force. Ideal for multi-component fixtures.
Clamp is acutated via small handle/lever.
To avoid any deformation to workpiece during clamping, select our with clamping plate type.
Also available in model actuated with use of hexagon key - see parts 12108.W0010 through .W0116.
Spare clamping plates can be ordered separately, see part no. 12108.W5010 through .W5016.

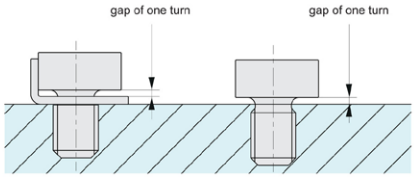
Tips

To install, drill and tap required hole to dimension d_2 and space hole to dimension w_5 away from workpiece surface (or w_5 + 1 if using clamping plate).
Fully tighten spiral clamp, then slacken off by one turn. Mount workpiece and then re-tighten clockwise to clamp workpiece.
Place a stop to the right of the workpiece to prevent movement.

Order No.	Type	d_1	d_2	d_3	h_1	h_2	h_3	h_4	h_5	l_1	Weight g
12108.W2012	W/o Clamping Plate	12	M 8x1,25	10	6	-	9	1.5	8.5	12	17
12108.W2014	W/o Clamping Plate	14	M10x1,50	12	7	-	11	1.8	10.0	15	30
12108.W2016	W/o Clamping Plate	16	M12x1,75	14	8	-	13	2.2	12.0	18	51
12108.W2112	With Clamping Plate	12	M 8x1,25	10	6	7	9	1.5	8.5	12	19
12108.W2114	With Clamping Plate	14	M10x1,50	12	7	8	11	1.8	10.0	15	32
12108.W2116	With Clamping Plate	16	M12x1,75	14	8	9	13	2.2	12.0	18	54

Order No.	l_2	w_1	w_2	w_3	w_4	w_5	Stroke s_1	Stroke s_2	Stroke s_3	t_1	Torque to Nm max.	Clamping force kN max.
12108.W2012	25	-	-	8.2	6	7.1	2.2	1.1	1.1	-	18	4.7
12108.W2014	30	-	-	9.5	7	8.3	2.5	1.3	1.2	-	35	7.9
12108.W2016	40	-	-	10.9	8	9.5	2.9	1.5	1.4	-	60	14.0
12108.W2112	25	12	15.5	8.2	6	7.1	2.2	1.1	1.1	1	18	4.7
12108.W2114	30	14	18.0	9.5	7	8.3	2.5	1.3	1.2	1	35	7.9
12108.W2116	40	16	20.0	10.9	8	9.5	2.9	1.5	1.4	1	60	14.0

Spiral Cam Clamps
actuating handle



tighten sprial cam clamp fully and loosen it about one turn
then mount to workpiece