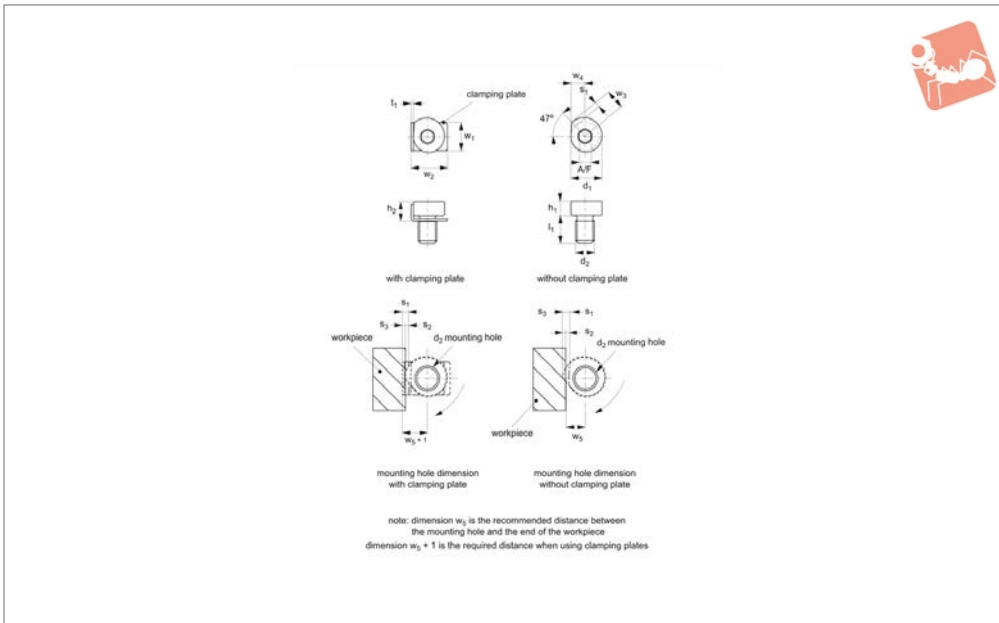




12108.1

LOW PROFILE SIDE CLAMPING



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 actuated with use of a hexagon key.

To avoid any deformation to work piece during clamping, select our clamping plate type.

Also available with an easy to actuate clamping handle model - see parts 12108.W2012 through .W2116.

Spare clamping plates can be ordered separately, see part no. 12108.W5010 through .W5016.

Tips

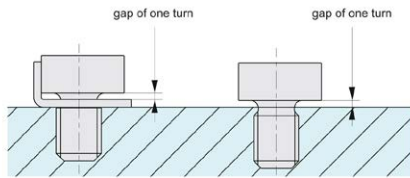
To install, drill and tap required hole to dimension d_2 and space hole to dimension w_5 away from workpiece surface (or $w_5 + 1$ if using clamping plate).

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	h_1	h_2	l_1	w_1	w_2	Weight g
12108.W0010	W/o Clamping Plate	10	M 6x1,00	5	-	9	-	-	6
12108.W0012	W/o Clamping Plate	12	M 8x1,25	6	-	12	-	-	11
12108.W0014	W/o Clamping Plate	14	M10x1,50	7	-	15	-	-	19
12108.W0016	W/o Clamping Plate	16	M12x1,75	8	-	18	-	-	30
12108.W0110	With Clamping Plate	10	M 6x1,00	5	6	9	10	13.0	7
12108.W0112	With Clamping Plate	12	M 8x1,25	6	7	12	12	15.5	13
12108.W0114	With Clamping Plate	14	M10x1,50	7	8	15	14	18.0	21
12108.W0116	With Clamping Plate	16	M12x1,75	8	9	18	16	20.0	33

Order No.	w_3	w_4	w_5	Stroke s_1	Stroke s_2	Stroke s_3	t_1	A/F	Torque to Nm max.	Clamping force kN max.
12108.W0010	6.8	5	5.9	1.8	0.9	0.9	-	4	7.4	2.2
12108.W0012	8.2	6	7.1	2.2	1.1	1.1	-	5	18.0	4.7
12108.W0014	9.5	7	8.3	2.5	1.3	1.2	-	6	35.0	7.9
12108.W0016	10.9	8	9.5	2.9	1.5	1.4	-	8	60.0	14.0
12108.W0110	6.8	5	5.9	1.8	0.9	0.9	1	4	7.4	2.2
12108.W0112	8.2	6	7.1	2.2	1.1	1.1	1	5	18.0	4.7
12108.W0114	9.5	7	8.3	2.5	1.3	1.2	1	6	35.0	7.9
12108.W0116	10.9	8	9.5	2.9	1.5	1.4	1	8	60.0	14.0



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