



Description

Material:

- housing: aluminium, red anodised;
- body: steel, case hardened, nitrided, phosphate treated (manganese), ground;
- clamping jaw: steel, case hardened, nitrided, phosphate treated (manganese).

Characteristics:

- floating clamps are used to clamp and support additional clamping points on extremely pliable workpieces;
- especially suitable for large work pieces
- no distortion when clamping unstable workpieces;
- avoids vibration during the processing;
- clamps ribs, beads and shackles to reinforce clamped components;
- distortion-free clamping of raw parts;
- for custom clamping situation, the standard upper clamping jaw supplied can be replaced by the exchange clamping jaws (HE38).
- *: 3x SW 3 adjustment of height abutment and swivelling range;
- *1: M16 DIN 913 (interchangeable);
- *2: with clamping screw M16 (SW 24); min. 50 Nm = supporting force 8kN; max. 115 Nm = supporting force 25kN;
- *3: clamping jaws, interchangeable;
- *4: 360° rotates;
- *5: swivelling after assembly.

Assembly:

- 1) mount the floating clamp (M16 connection thread) onto the device with a wrench (SW 55).
- 2) adjust the height limit stop and the rotating area with the blue sleeve and clamp with a set screw (3 x SW 3); when setting the height limit, consider tolerance of workpiece.

Operation:

- 1) push the floating clamp downward;
- 2) pivot the clamping jaws in as far as possible. The floating clamp contacts the bottom of the work piece with a slight spring load;
- 3) tighten the floating clamp with a hexagonal nut (SW 24) having a min. torque of 50 Nm and a maximum torque of 115 Nm in the clamping process, the workpiece is clamped and simultaneously supported;
- 4) Releasing is done in reverse order.

Other products:

- HE38: clamping jaw.

Article Code	L	L11	D	d	d1	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	I	I1	I2	Material
HE37.0006.0000	163 - 175	10 - 25	80	6	M8	54	68	54	20	6,7	12,4	36,6	40	29	20	8	20	9,5	Aluminium

