

Positive clamping eccentric



Material, surface finish:

Hex cam hardened steel, black oxide finish; clamping disc steel, black oxide finish

Sample order:

nIm 04431-06

Note:

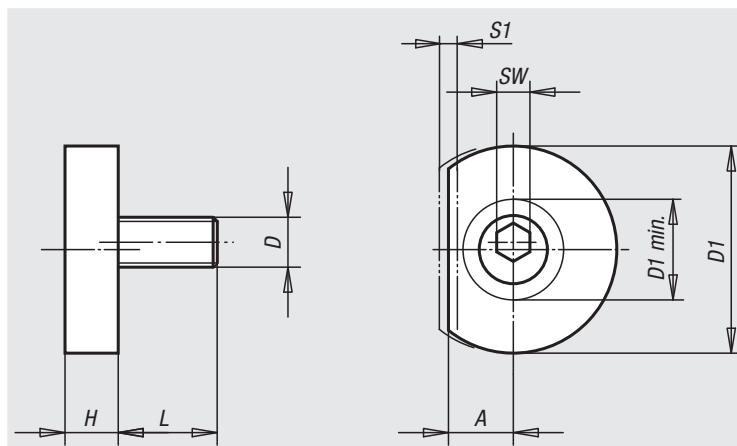
The clamping eccentric has a washer that can be milled to match the contour of the workpiece to be clamped. This results in positive clamping for round, contoured or unstable workpieces. The flattened edge has the same distance from the screw centre as the low-profile equal hexagonal cam clamp 04435, so that the disc can be exchanged if needed.

„A“ = distance from workpiece to the centre of the thread (clamping screw).

„D1 min.“ = dimension available for contour milling.

On request:

Spare eccentric screws.



Order No.	A	D	D1	D1 min.	H	L	SW	S1 (Clamping travel)	Clamping force kN	Approx. weight kg
04431-06	7,8	M6	24,9	12,1	6,4	11,9	4	1,01	3,6	0,025
04431-10	10,2	M10	31,2	17,2	8,9	18	7	1,52	9	0,055
04431-12	12,7	M12	37,6	22,4	11,4	22,9	8	2,03	18	0,080
04431-16	15	M16	43,9	26,1	14	28,6	12	2,54	27	0,180

Unequal hexagonal cam clamps



Material, surface finish:

Eccentric screw heat-treated class 10.9, black oxide finish; hexagonal cam hardened steel, hardened and black oxide finish

Sample order:

nIm 04432-13

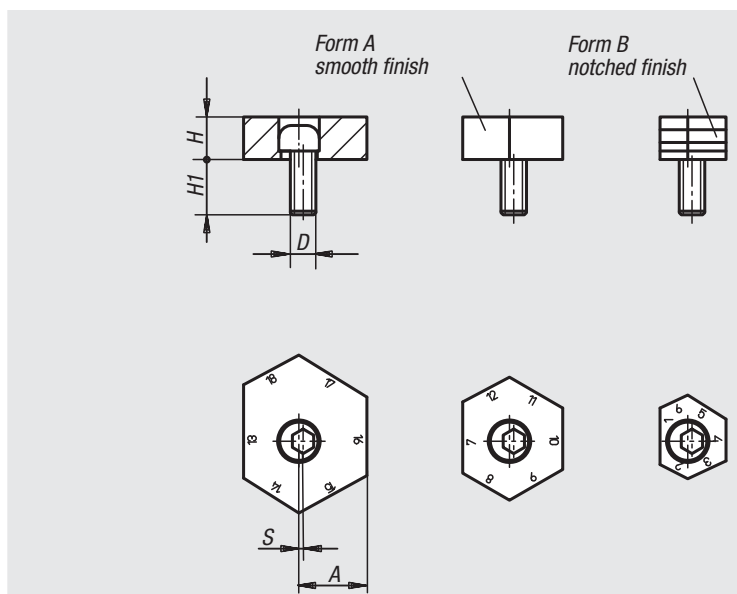
Note:

The unequal hexagonal cam clamps are used to minimise the cost of clamping systems. The fastening range can be adjusted within a 17 mm diameter without moving the bore, simply by rotating the variable hexagonal element.

The clamps are available with flat edges for machined pieces and with notched edges for rough pieces.

On request:

Spare eccentric screws.



Order No. Form A	Order No. Form B	Centre-to-centre distance A for edge variant No.	D	H	H1	S (Eccentric path)	Clamping force kN
04432-09	04432-13	1/12, 2/13, 3/14, 4/15, 5/16, 6/17	M12	10	22	1	18
04432-10	04432-14	7/18, 8/19, 9/20, 10/21, 11/22, 12/23	M12	10	22	1	18
04432-11	04432-15	13/24, 14/25, 15/26, 16/27, 17/28, 18/29	M12	10	22	1	18