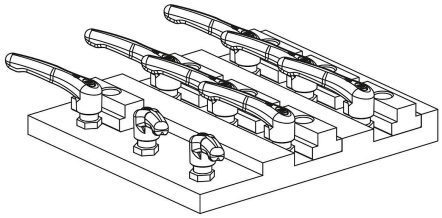
Item description/product images



Description

Material:
Cam screw QT steel.
Knife edge washer case-hardening steel.
Clamping lever high-performance thermoplastic, fibreglass reinforced.

Version:
Cam screw black oxidised.
Knife edge washer hardened and anodised.
Clamping lever black grey RAL 7021.

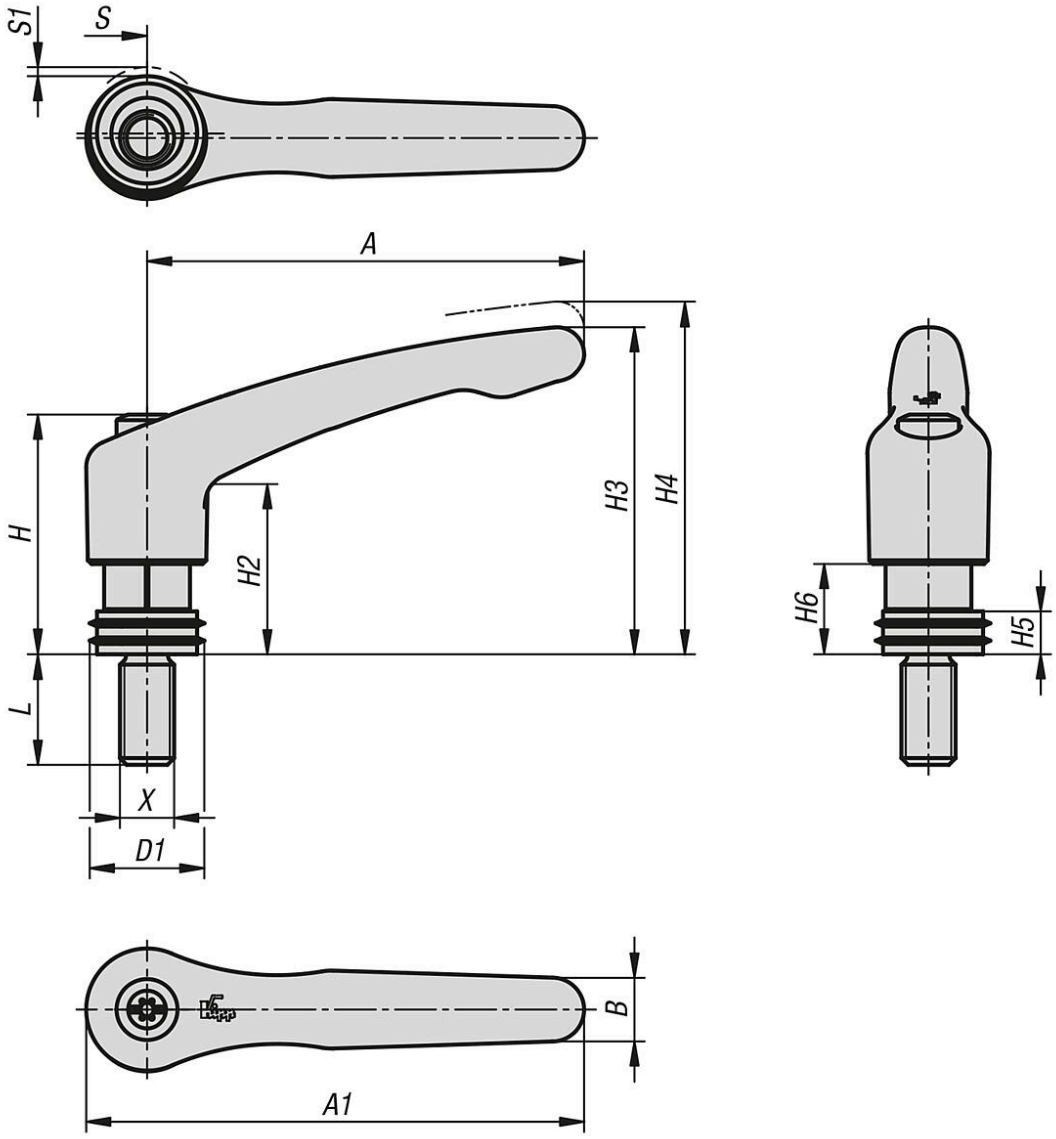
Note:
Cam screws with clamping levers can be used in a variety of ways for tool-free clamping. The the integrated clamping lever enables many elements to be rapidly clamped. The hardened knife edge washer is suitable for clamping rough pieces (saw cut stock, castings, forgings etc).
Not designed for clamping hardened materials with the torque specified. Even entire subplates can be equipped by using several cam screws with clamping lever.

Clockwise rotation is recommended for clamping. The marking on the cam screw should be on the right after clamping. (Screw in the cam screw as far as it will go, then turn it back one turn).

"S" = Distance from the workpiece to the screw centre (clamping screw).

Assembly:
Clamping process:
1. Screw in the cam screw as far as it will go.
2. Screw the cam screw back one turn.
3. Position the workpiece.
4. Turn the cam screw clockwise to clamp the workpiece. (The marking on the cam screw should be on the right after clamping).

Drawings



Overview of items

Cam screws with clamping lever

Order No.	X	L	A	A1	B	D1	H	H2	H3	H4	H5	H6	S	S1 (travel)	Clamping force kN	Tightening torque max. Nm
04434-10-12	M12	25	96,8	110,3	14,1	25,4	53	37,6	72,3	78	9,5	20	12,7	2,03	1,7	15
04434-10-16	M16	30	110,9	126,6	15,1	30,1	62,3	44,5	86,1	92,4	12,7	25,2	15	2,54	2,8	17,1