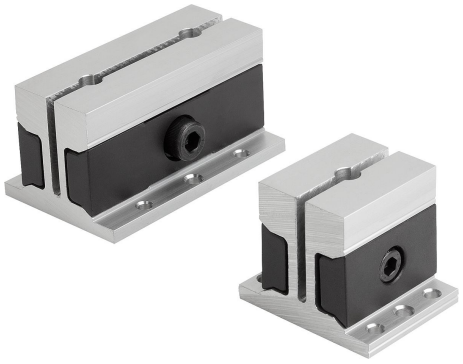
K1169

Machinable jaws rectangular

Item description/product images



Description

Material:
Body EN AC-51400.
Wedges high-carbon steel.

Version:
Body natural colour anodised.
Wedges black oxidised.

Note:
The lateral clamping screw tightens the jaws and clamps the workpiece on the circumference.
The simple and compact design allows 2 workpieces to be clamped.
The clamping travel is max. 0.5 mm.
The jaws must be pre-tensioned before machining the contour, the supplied clamping ring is used for this purpose.

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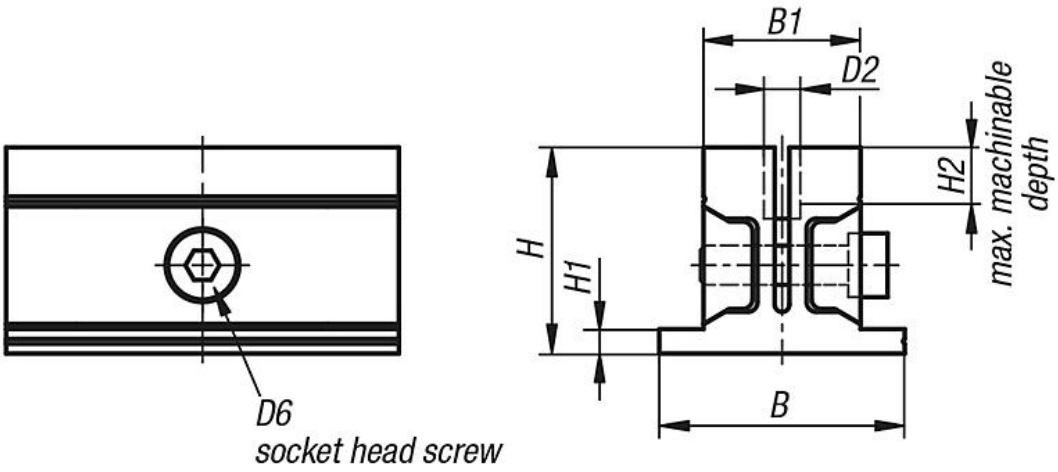
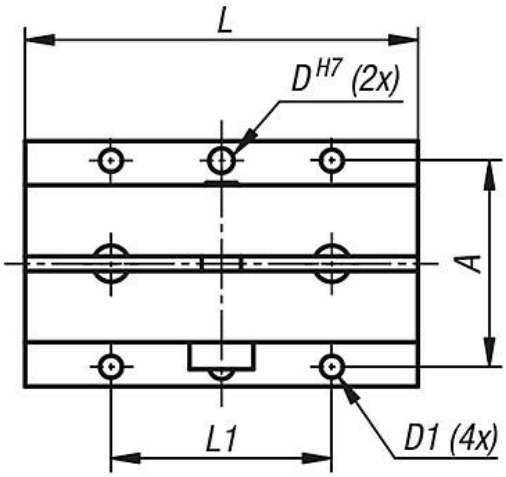
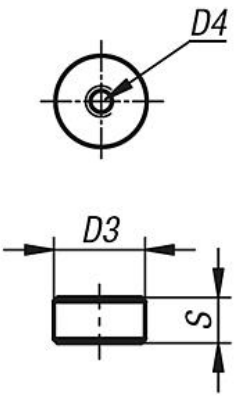
Drawings

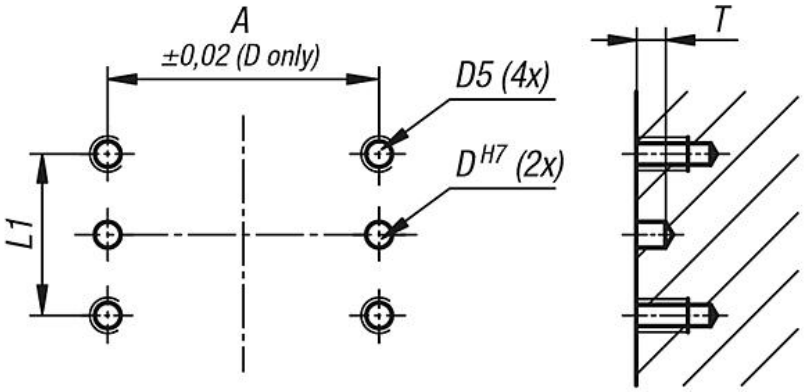




clamp ring for machining, included



installation dimensions



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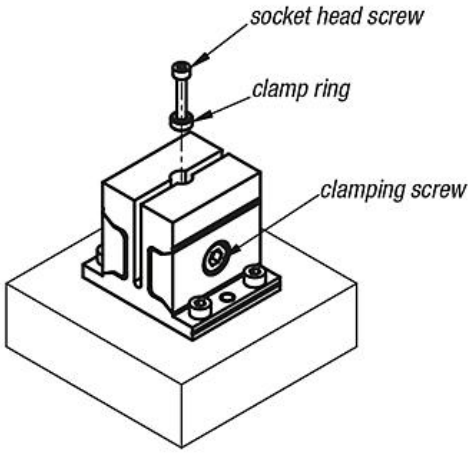
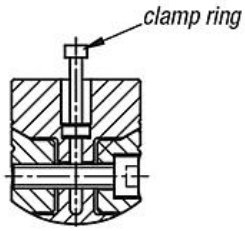
Drawings

Machining the jaws:

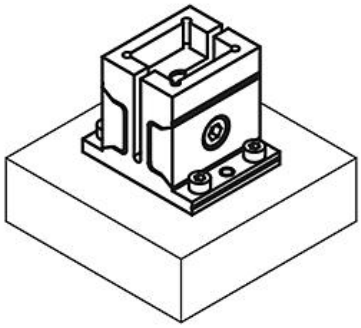
1. Inserting the clamp ring:
Insert the clamp ring into the bore in the centre of and between the jaws.
Tighten the clamp screw to hold the clamp ring in place.
(Use a cap screw to aid inserting the clamp ring)





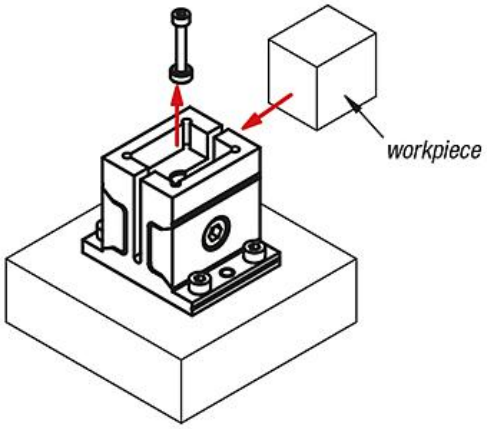
Note:
The clamp ring must be placed at the bottom of the bore.

2. Machine the jaws:
Remove the cap screw from the clamp ring.
Machine the contour of the workpiece to be held into the jaws.

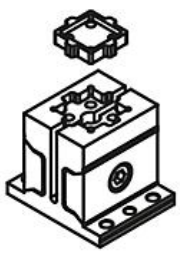


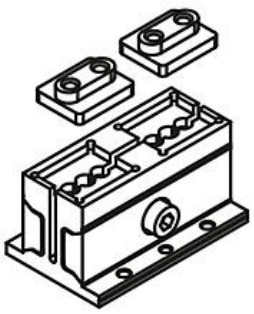
Note:
The contour should not be deeper than the max. permitted depth.

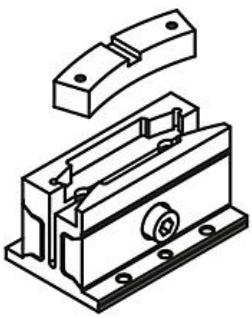
3. Mounting the workpiece:
Loosen the clamp screw and remove the clamp ring.
Place the workpiece into the contour and tighten the clamp screw.



Applications







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Overview of items

Machinable jaws, rectangular

Order No.	A	B	B1	D	D1	D2	D3	D4	D5	D6	H	H1	H2	L	L1	S	T	Clamping force N	Tightening torque Nm
K1169.32040	42	50	32	5	4,5	7,4	7	M3x0,5	M4x0,7	M6	42	5	10	40	25	3,5	5	2500	7,5
K1169.32080	42	50	32	5	4,5	7,7	7	M3x0,5	M4x0,7	M8	42	5	10	80	45	3,5	5	2500	14
K1169.50050	62	72	50	6	5,5	11,4	11	M3x0,5	M5x0,8	M10	63	7	15	50	30	5,5	8	5500	26
K1169.50100	62	72	50	6	5,5	11,4	11	M3x0,5	M5x0,8	M12	63	7	15	100	58	5,5	8	5500	46

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