

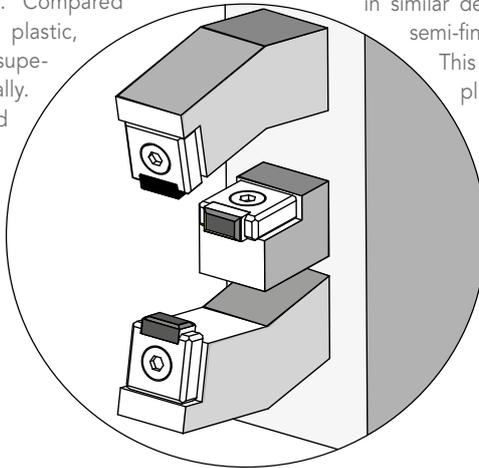


STEADY REST BLOCKS

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FIXED STEADY REST BLOCKS FOR EXTERNAL CIRCULAR GRINDING

A fixed steady rest is used to support long, thin workpieces so that they do not bend during machining. Compared to white metal, bronze, Pertinax or special plastic, PCD as a steady rest material is clearly superior both economically and technologically. DR. KAISER has been supplying PCD and PCBN steady rests to various manufacturers of grinding steady rests for over 15 years. PCD has a very low coefficient of friction compared to steel and is characterized by high wear resistance. PCBN is used in special cases when machining marks on the workpiece require a slightly more flexible material.



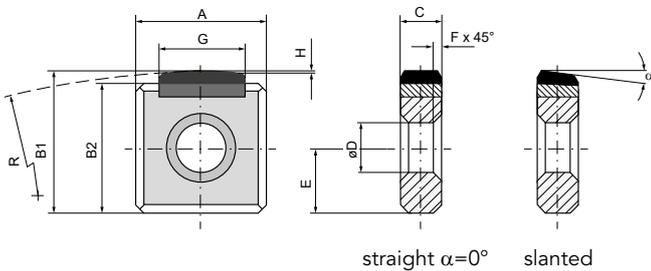
DIAMOND STEADY REST PLATES FROM STOCK

The constantly increasing and recurring demand for steady rest blocks in similar design variants makes it possible to keep stocks of semi-finished products for steady rest blocks at DR. KAISER. This means that standard steady rest blocks can be supplied in a very short time. Delivery times of 3 to 5 weeks can be offered for special designs.

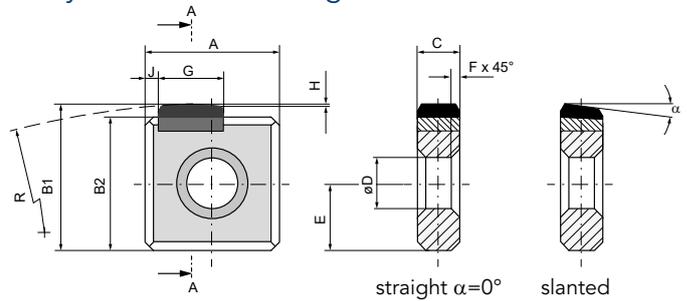
THE FAST WAY TO YOUR STEADY REST BLOCKS

We will be happy to provide you with a quote for your steady rest blocks. You can either tell us the manufacturer's number, which is usually engraved on the block, or you or our representative can measure the geometry of the stones and transfer the values to the table below. It is even easier for you to send us a sample of the steady rest block you are using. We will then take all the necessary measurements.

Symmetrical design



Asymmetrical design

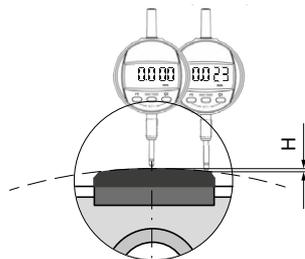


A	B1	B2	C	øD	E	F
in mm	in mm	in mm	in mm	in mm	in mm	in mm
G	H	R	α	Engraving on existing steady rest block		
in mm	in mm measured	in mm if known	in °			

A	B1	B2	C	øD	E	F
in mm	in mm	in mm	in mm	in mm	in mm	in mm
G	H	J	R	α	Engraving on existing steady rest block	
in mm	in mm measured	in mm	in mm if known	in °		

MEASURING THE BLOCK RADIUS

Using a dial gauge, you can measure the height difference H from the center to the edge yourself and enter it in the table. From this we then calculate the steady rest block radius R.



DR. KAISER präzision durch diamant

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