Clamping head adapter

Accessories

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WORKHOLDING TECHNOLOGY

Clamping head adapter

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Large workpieces – large chucks – large clamping heads. So far so good, but sometimes you also have to machine smaller workpieces? Instead of buying large clamping heads with a small diameter, there is now a better alternative: the clamping head adapter.

For example, it can basically turn a size 100 chuck into a size 65 chuck and you can then change your normal size 65 heads using this clamping head adapter. Your advantages are in-stock availability and a lower price for the smaller clamping heads. You also save the costs of purchasing new large clamping heads if you are already using smaller clamping heads.

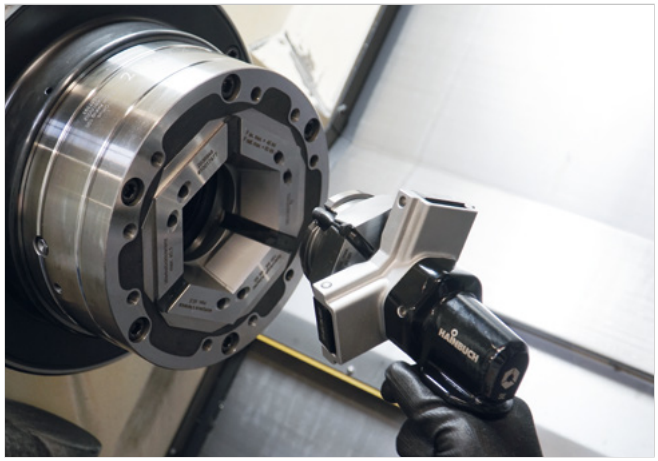
Changing the clamping head adapter is fast and easy with the suitable changer interface.

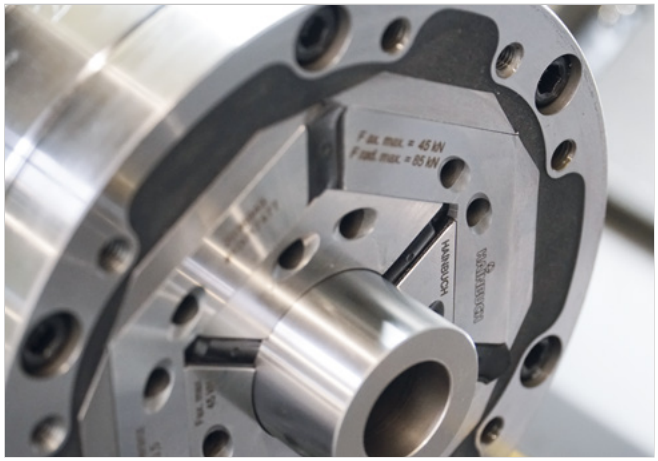
Key advantages

- Smaller clamping heads can be used in larger chucks [size 100, 125 and 160]
- Use existing clamping heads [size 65 and 100]
- Fast and easy change-over

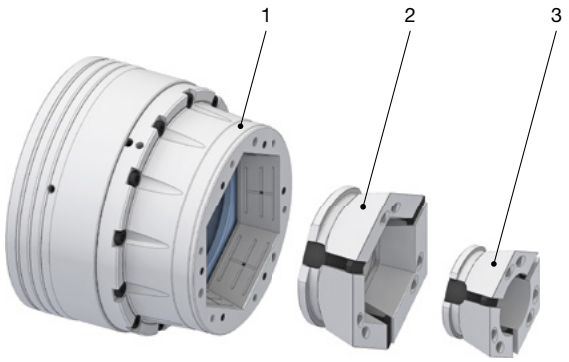
Your benefits

- Reduced costs due to use of smaller clamping heads
- Smaller clamping heads can be kept in stock for faster availability
- Covers a larger range of clamping diameters
- Productivity boost and saving of time due to faster change-over between large and small clamping diameters
- Flexible production since single clamping heads can be used on multiple machines

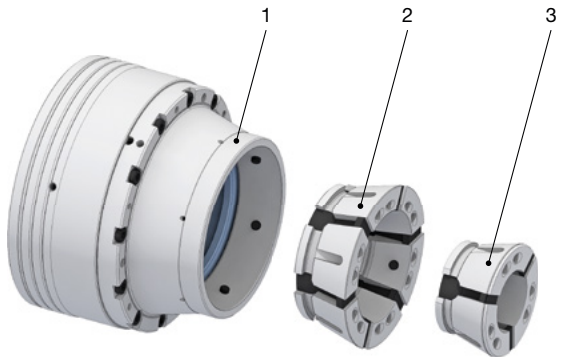




Clamping head adapter SE in detail

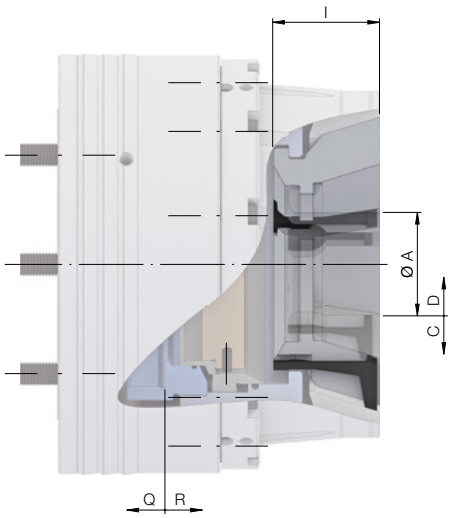
Designation	
1 Chuck 2 Clamping head adapter 3 Standard clamping head	

Clamping head adapter RD in detail

Designation	
1 Chuck 2 Clamping head adapter 3 Standard clamping head	

Clamping head adapter

Clamping head adapter SE. Technical Data

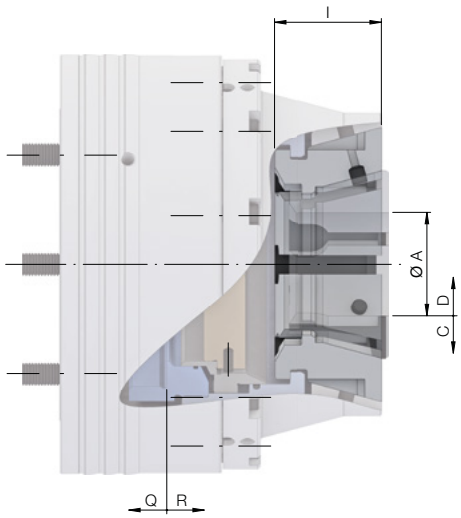


Size		100	160
Adaptation size		**65**	
Run-out ≤ [mm]		0,030	
Max. radial clamping force on the clamping head [kN]		85	
Max. axial drawtube force [pull / push] [kN]		45	
RPMA n max. [1/min.]		5000	3200
Clamping range [mm]	A	3 – 65	
Reserve stroke in Ø [mm]	D	1	
Release stroke in Ø [mm]	C	0,6	
Range / recommended workpiece tolerance [mm]		± 0,5	
Reserve stroke axial [mm]	Q	2	
Release stroke axial [mm]	R	2,5	
Total length [mm]	l	56,5	57,5
Weight [kg]		2,7	6,7
In stock		✔	✔
Material		10017477	10017478

Important: Never exceed the usable clamping reserve in the diameter!

The run-out refers to the workpiece in clamped state, including the clamping head.

Clamping head adapter RD. Technical Data



Size		100	125	160
Adaptation size		**65**		**100**
Run-out ≤ [mm]		0,030	0,035	0,040
Max. radial clamping force on the clamping head [kN]		90		127
Max. axial drawtube force [pull / push] [kN]		45		65
RPMA n max. [1/min.]		3900	3200	
Clamping range [mm]	A	3 – 65		15 – 100
Reserve stroke in Ø [mm]	D	1		
Release stroke in Ø [mm]	C	0,6		1,6
Range / recommended workpiece tolerance [mm]		± 0,5		± 0,7
Reserve stroke axial [mm]	Q	2		
Release stroke axial [mm]	R	2,5		4
Total length [mm]	l	56,5	59,5	59
Weight [kg]		2,5	5,7	7,5
In stock		✔	✔	✔
Material		10018455	10017475	10017476

Important: Never exceed the usable clamping reserve in the diameter!

The run-out refers to the workpiece in clamped state, including the clamping head.

07.21 part no. 60000432 Subject to technical changes.

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