

HAIMER Power Clamp Nano



The all new HAIMER Power Clamp Nano is your entry into the world of micro machining. The new shrink fit machine was specifically developed for small interfaces, i.e. HSK25 – HSK 50 and SK/BT 30. The horizontal design ensures easy handling especially at tools with smaller diameters. By its modular system construction HAIMER Power Clamp Nano fulfils the various customer requirements very well.



- Horizontal shrink fit unit with optional length-presetting (+/- 0.01 mm)
- Tool-support for HSK 25 - HSK 50 and BT/SK 30
- Tool-diameter 3 – 16 mm, solid carbide and HSS
- Powerful unit, 10 kW
- Cool down by compressed air
- Modular system with upgrade is possible
- Innovative handling for smallest tools

For more information please do not hesitate to ask:

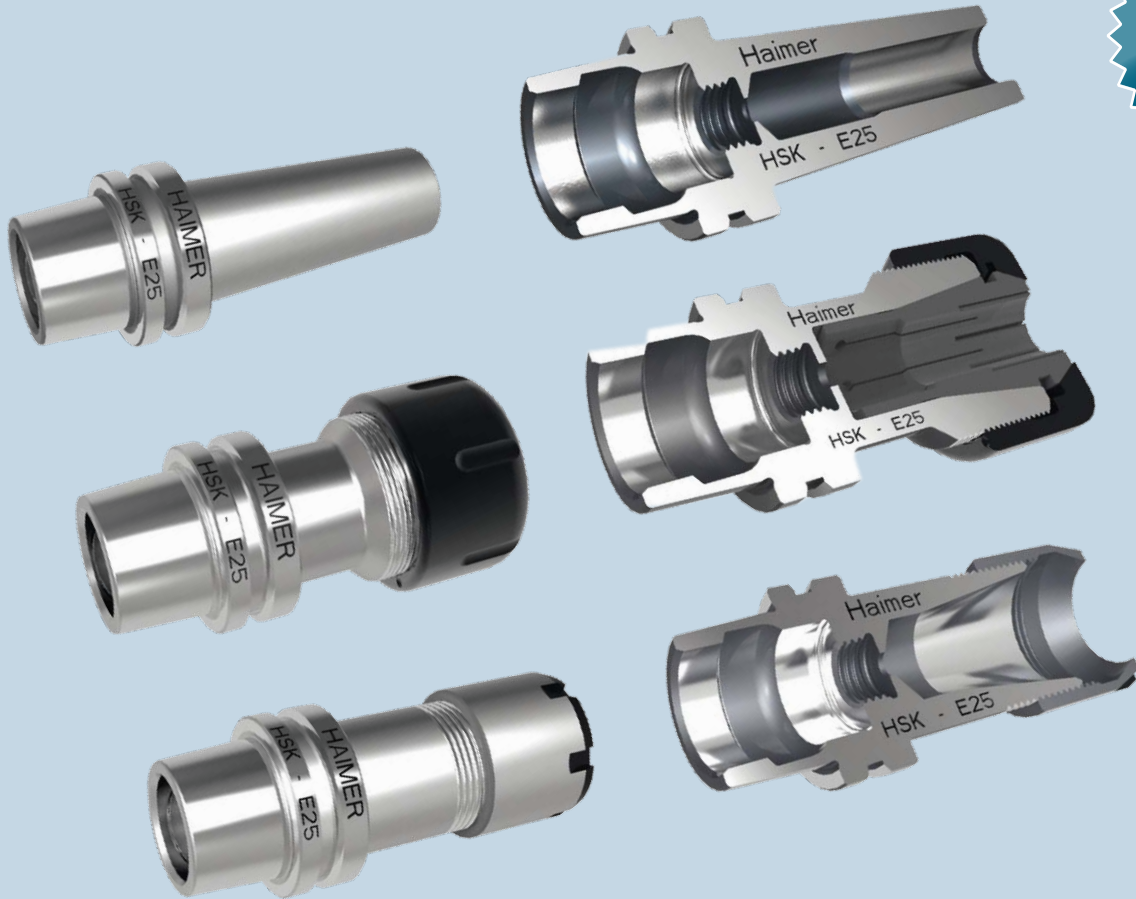
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HAIMER[®]
Quality Wins.

Tool Holders
Shrinking Technology
Balancing Machines
Measuring Instruments

HSK-E25

For higher rpm



HSK-E25

For higher rpm

Low cutting forces at highest rpm are characterizing the micro machining (die & mold, medical engineering, micro mechanical engineering). The slim and short design of the all new HSK-E25 series from HAIMER - which is well known from the HAIMER Mini Shrink tool holders - is perfectly suitable for the requirements of micro machining.

- no disturbing edges, also jobs difficult to access are penetrable
- highest runout accuracy: <0.003 mm
- Ideal to shrink with the HAIMER Power Clamp Nano

Available as::

- Mini Shrink chuck (D3-12) in two different lengths
- Power Collet Chuck (ER 16)
- Mini-ER collet chuck (Mini-ER 16) in two different lengths

Mini Shrink chuck:

Clamping range	Ø D1 [mm]	03	04	05	06	06	06	08	10	10	10	12
Ø D2 [mm]		09	10	11	12	12	12	14	16	16	16	18
Ø D3 [mm]		—	—	—	—	—	—	—	18	18	18	20
L Maß ultra short [mm]		15	18	23	27,5	—	—	27	26,5	—	—	26
L Maß standard [mm]		15	18	28	37,5	32,5	37,5	27	41,5	34,5	41,5	36
Length A [mm]	ultra short	35	35	35	40	—	—	40	40	—	—	40
Order No.	E25.185...	...03	...04	...05	...06	—	—	...08	...10	—	—	...12
Length A [mm]	standard	45	45	45	45	45	50	50	50	50	55	50
Order No.	E25.180...	...03	...04	...05	...06 ¹⁾	...06 ²⁾	...06 ³⁾	...08	...10 ¹⁾	...10 ²⁾	...10 ³⁾	...12

1) Without thread for coolant tube

2) Item E25.180.06.V2 - 10.V2, with thread for coolant tube, shorter shrink in depth

3) Item E25.180.06.V3 - 10.V3, with thread for coolant tube, longer gage length

Collet Chuck Mini-ER:

ER	16
Clamping Ø D1 [mm]	22
Length A [mm] ultra short	43
Order No. E25.025...	...16.7 ¹⁾
Length A [mm] standard	48
Order No. E25.020...	...16.7

Power Collet Chuck für highest runout accuracy:

Power Collet	16
Clamping Ø D1 [mm]	28
Length A [mm] standard	48
Order No. E25.020...	...16