



TSCHORN®

Probes & Tools Technology

Die holders



Made in
Germany



Impossible to produce external threads quicker!



Impossible to produce external threads quicker! Our video shows the comparison: with the help of our die holder, you cut M16 threads with 50 mm length in only 12 seconds. This is **3 times faster** as conventional thread chasing.

Additionally: a threading die has many blades - conventional thread chasing only one. This is why a defect blade at the die does not matter anymore. This optimizes your **process stability** extremely.

The die holder enables **precise and cylindrical threads** as you cut the thread in the die cylindrical. While chasing, the cutting pressure operates against the workpiece which can lead to vibrations, to evasion or even to conical threads.

The die holder is internally cooled: the coolant supply ensures that the workpiece is **permanently surrounded by coolant**. This leads to high-quality threads and as the coolant flushes away all chips.





Also available as cylindrical shank, SK40 or HSK63.



The **MINIflex**-holder has an axial and radial damping.



The damping compensates imprecisions of the control or run-out/positioning errors of a reamer.

Die holders/MINIflex

Modular



External threading



Tapping



Reaming

Base holders

Die holders/MINIFlex



Cylindrical shank



DIN69880 VDI



DIN69871 SK40

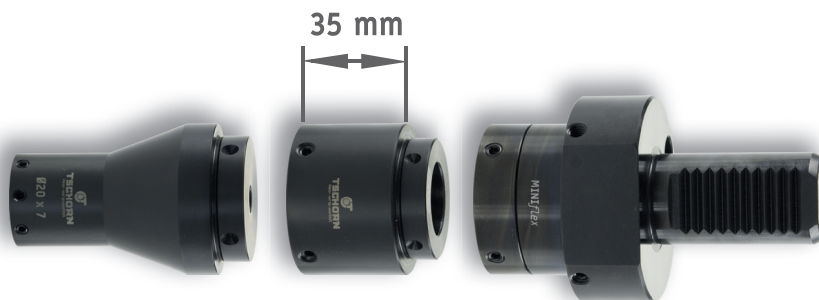


DIN69893 HSK63

Article No.	Description	Shank	Length
OOSFL100I	Base holder MINIFlex	1 Inch	55 mm
OOSFL114I	Base holder MINIFlex	1 1/4 Inch	55 mm
OOSFLOV20	Base holder MINIFlex DIN69880	VDI20	55 mm
OOSFLOV30	Base holder MINIFlex DIN69880	VDI30	55 mm
OOSFLOV40	Base holder MINIFlex DIN69880	VDI40	55 mm
OOSFLOS40	Base holder MINIFlex DIN69871	SK40	58 mm
OOSFLOH63	Base holder MINIFlex DIN69893	HSK63	71 mm



Extension



Article No.	Description	Shank	Length
00SEH4035	Extension	-	35 mm



Exchange modules



Die holders/MINIflex



D = Ø of the die
 L1 = Clamping length
 L2 = Usable length
 L3 = Width die

Please note:

With an extension (00SEH4035), you can extend the usable length.

Article No.	Description	D	L1	L2	L3	Die
00SEH1605	Exchange module	16	75	74	5	16x5
00SEH2005	Exchange module	20	75	74	5	20x5
00SEH2007	Exchange module	20	75	74	7	20x7
00SEH2509	Exchange module	25	75	74	9	25x9
00SEH3011	Exchange module	30	75	74	11	30x11
00SEH3814	Exchange module	38	75	74	14	38x14
00SEH4518	Exchange module	45	85	84	18	45x18
ER modules:						
00SEHER25	Exchange module ER25	Ø2 - Ø16	43			
00SEHER32	Exchange module ER32	Ø2 - Ø20	43			



Our die holders are sold in the US by our sales partner

Sales partner US

STEINER

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Steiner Technologies, Inc., is a family-owned cutting tool manufacturer specializing in reverse machining tools. Our focus is innovative tooling solutions that eliminate costly secondary operations and reduce part process time. As the OEM of the Autofacer since 1968, we continue to be the world leader in automatic back spotfacing and back counter boring tools. There are various activation methods available for the Autofacer depending on our customers' specific application needs.



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Probing technology | Clamping technology



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