



TSCHORN®

Probes & Tools Technology



Schneideisenhalter



Made in

Probing technology

Clamping technology

Tasttechnologie

Spanntechnologie



Impossible to produce external threads quicker!

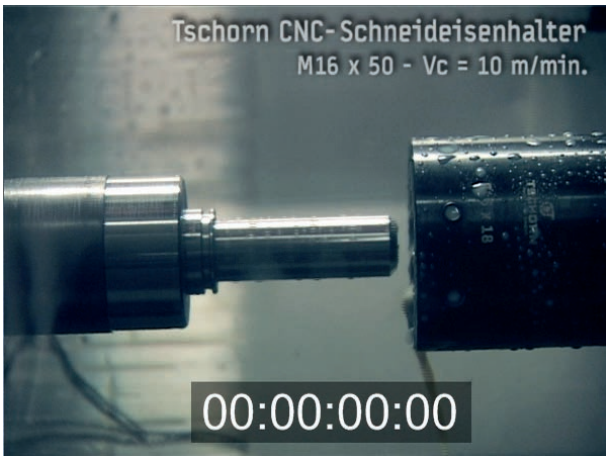


Impossible to produce external threads quicker! Our video shows the comparison: with the help of our die holder, you cut M16 threads with 50 mm length in only 12 seconds. This is **3 times faster** as conventional thread chasing.

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.





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



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

Modular



External
threading



Tapping



Reaming

Die holders/MINIflex

Base holders

Die holders/MINIFlex



Cylindrical shank



DIN69880 VDI



DIN69871 SK40

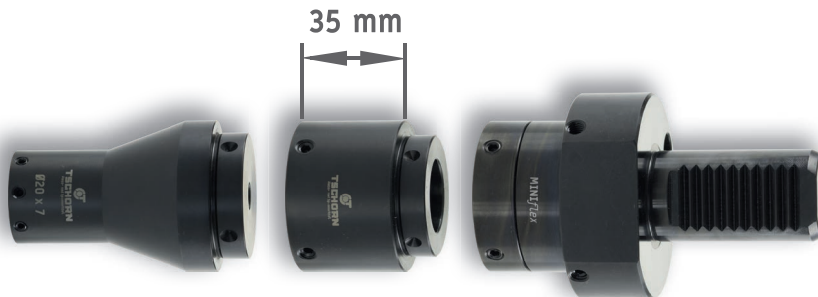


DIN69893 HSK63

Article No.	Description	Shank	Length
OOSFLOZ20	Base holder MINIFlex	Ø20	55 mm
OOSFLOZ25	Base holder MINIFlex	Ø25	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



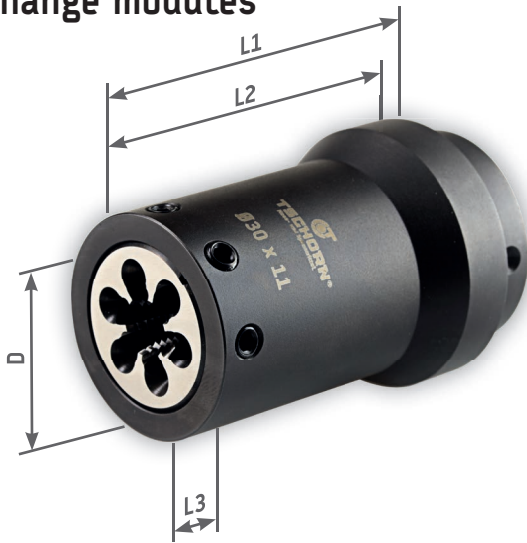
Extension



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



Exchange modules



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

Please note:
 With an extension, you can extend the usable length about 35 mm.



Die holders/MINIflex

Article No.	Description	D	L1	L2	L3	Thread
00SEH1605	Exchange module	16	75	74	5	M1-M2,5
00SEH2005	Exchange module	20	75	74	5	M3-M4
00SEH2007	Exchange module	20	75	74	7	M5-M6
00SEH2509	Exchange module	25	75	74	9	M7-M9
00SEH3011	Exchange module	30	75	74	11	M10
00SEH3814	Exchange module	38	75	74	14	M12-M14
00SEH4518	Exchange module	45	85	84	18	M16-M20
ER modules:						
00SEHER25	Exchange module ER25	Ø2 - Ø16	43			
00SEHER32	Exchange module ER32	Ø2 - Ø20	43			

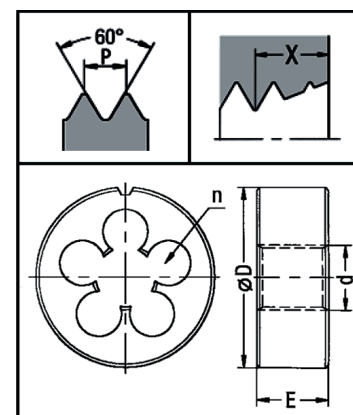


High performance dies

High performance dies
 DIN EN 22568
 Metric ISO thread DIN13



Article No.	Description	d	P mm	Ø D x E mm	n
PSE001M0200	Die HSSE 6g	M2	0,4	16x5	4
PSE001M0300	Die HSSE 6g	M3	0,5	20x5	5
PSE001M0400	Die HSSE 6g	M4	0,7	20x5	5
PSE001M0500	Die HSSE 6g	M5	0,8	20x7	5
PSE001M0600	Die HSSE 6g	M6	1	20x7	5
PSE001M0800	Die HSSE 6g	M8	1,25	25x9	5
PSE001M1000	Die HSSE 6g	M10	1,5	30x11	5
PSE001M1200	Die HSSE 6g	M12	1,75	38x14	5
PSE001M1600	Die HSSE 6g	M16	2	45x18	5
PSE001M2000	Die HSSE 6g	M20	2,5	45x18	5



$X = 2.25 * P$

