

MICRONEGA Action 



MICRONEGA Action

Sharp like a positive, strong like a negative!

**MicroNega technology - Special kit:
4 holders & 10 inserts for 239 €**

nikkoTOOLS

MICRONEGA

P	M	K	N	S	H
H	H				

- Boring bar with VORTEX technology that improves chip ejection thanks to innovative head design.
- Made with a special alloyed steel that improves stiffness and reduces vibrations allowing overhang up to 5 times the diameter.
- Super positive positioning dramatically reduces cutting forces.
- Coolant hole.

MCN right-hand shown

MDN right-hand shown

Designation		Stock		DMIN	DCON	WF	LF	LH	GAMO	WT	MIID		
		L	R										
MCN	NT-V08H-MICRO-CN-1/8 H-10	●	●	10	8	5.5	100	20	24°	0.10	MCN		
	NT-V10K-MICRO-CN-1/8 H-12	●	●	12	10	6.0	125	21	21°	0.10	MCN		
	NT-V12M-MICRO-CN-1/8 H-14	●	●	14	12	7.0	150	25	20°	0.20	MCN		
	NT-V16Q-MICRO-CN-1/8 H-18	●	●	18	16	9.0	180	31	17°	0.30	MCN		
	NT-V20R-MICRO-CN-1/8 H-22	●	●	22	20	11.0	200	37	17°	0.50	MCN		
MDN	NT-V10K-MICRO-DN-1/8 H-15	●	●	15	10	9.8	125	19	19°	0.10	MDN		
	NT-V12M-MICRO-DN-1/8 H-16	●	●	16	12	9.0	150	22	17°	0.20	MDN		
	NT-V16Q-MICRO-DN-1/8 H-20	●	●	20	16	11.0	180	22	15°	0.30	MDN		
	NT-V20R-MICRO-DN-1/8 H-25	●	●	25	20	13.0	200	23	13°	0.50	MDN		

Spare Parts

INSERT SCREW

INSERT WRENCH

NT-V ₀₀₀ -MICRO-CN-1/8 H- ₀₀	NT-ST400	NT-FT10
--	----------	---------

CONTACT SURFACE

The chipbreaker design has been studied to leave wide supporting surfaces and a stable coupling with the tool holder (red highlighted areas).



GAP WITH HOLDER

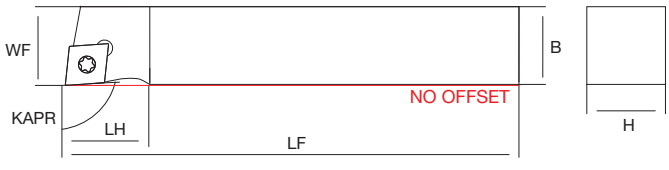
The gap between the tool holder seat and the cutting edge is absolutely normal. The contact points are designed to be in the internal part, around the insert hole.



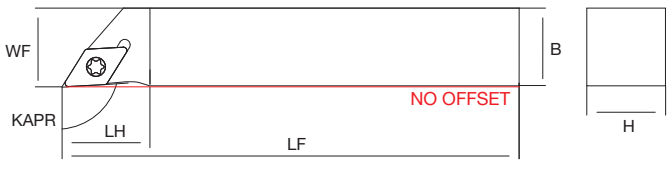
MICRONEGA

P	M	K	N	S	H
H	H				

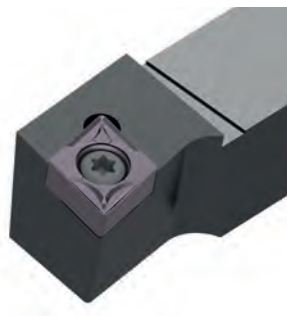
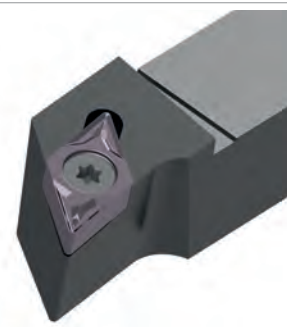
- External tool holders for small parts machining.
- Small dimensions, thanks to head design without offset
- Super positive positioning dramatically reduces cutting forces



MCN right-hand shown




MDN right-hand shown


Designation		Stock		H	B	WF	LF	LH	WT	MIID			
		L	R										
MCN	NT-EX10H-MICRO-CN- ¹ / ₈ H	●	●	10	10	10	100	15	0.10	MCN			
	NT-EX12H-MICRO-CN- ¹ / ₈ H	●	●	12	12	12	100	15	0.20	MCN			
	NT-EX16K-MICRO-CN- ¹ / ₈ H	●	●	16	16	16	120	15	0.30	MCN			
MDN	NT-EX10H-MICRO-DN- ¹ / ₈ H	●	●	10	10	10	100	15	0.10	MDN			
	NT-EX12H-MICRO-DN- ¹ / ₈ H	●	●	12	12	12	100	15	0.20	MDN			
	NT-EX16K-MICRO-DN- ¹ / ₈ H	●	●	16	16	16	120	15	0.30	MDN			

Spare Parts

INSERT SCREW



INSERT WRENCH



NT-EX 000-MICRO000- ¹ / ₈ H	NT-ST400	NT-FT10	
--	----------	---------	--



THE BOX INCLUDES:

VORTEX-MCNR	1x NT-V10K-MICRO-CN-RH-12 1x NT-V12M-MICRO-CN-RH-14 1x NT-V16Q-MICRO-CN-RH-18 1x NT-V20R-MICRO-CN-RH-22 5x MCN.R04M-GM JP5120 5x MCN.R04G-SS JP5120	€ 239,00	
VORTEX-MDNR	1x NT-V10K-MICRO-DN-RH-15 1x NT-V12M-MICRO-DN-RH-16 1x NT-V16Q-MICRO-DN-RH-20 1x NT-V20R-MICRO-DN-RH-25 5x MDN.R04M-GM JP5120 5x MDN.R04G-SS JP5120	€ 239,00	
VORTEX-MCLN	1x NT-V10K-MICRO-CN-LH-12 1x NT-V12M-MICRO-CN-LH-14 1x NT-V16Q-MICRO-CN-LH-18 1x NT-V20R-MICRO-CN-LH-22 5x MCN.R04M-GM JP5120 5x MCN.R04G-SS JP5120	€ 239,00	
VORTEX-MDLN	1x NT-V10K-MICRO-DN-LH-15 1x NT-V12M-MICRO-DN-LH-16 1x NT-V16Q-MICRO-DN-LH-20 1x NT-V20R-MICRO-DN-LH-25 5x MDN.R04M-GM JP5120 5x MDN.R04G-SS JP5120	€ 239,00	



Via Don F. Tosatto, 8
 30174 Mestre - Venezia
 +39 041.959179
 info@nikkotools.com

