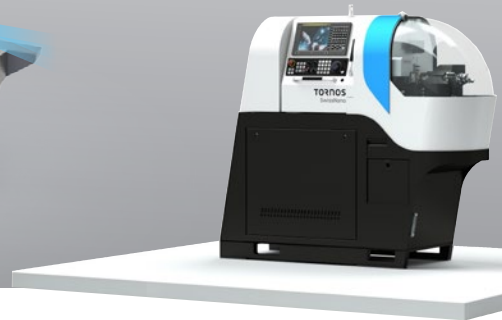




UTILIS
multidec[®]
swiss type tools

multidec[®]-LUB

**TOOL PLATE WITH INTEGRATED COOLANT SUPPLY
FOR MAXIMUM EFFICIENCY**



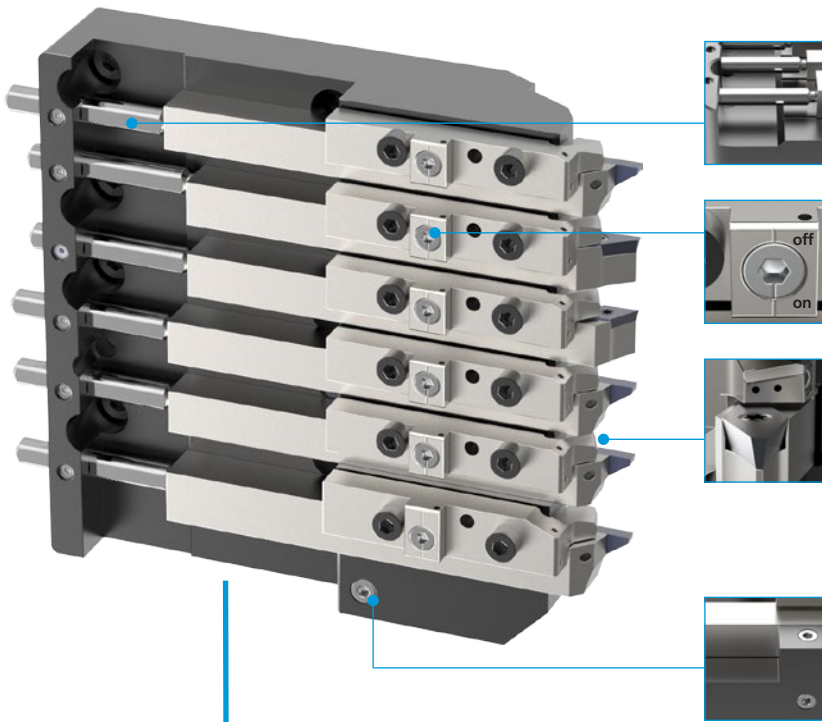
INNOVATION

DEVELOPED FOR TORNOS SWISS NANO 4 AND 7

future since **1915**

UTILIS[®]
Tooling for High Technology

Efficiency and process reliability are what counts in today's competition-oriented market. Swiss machine tool manufacturer TORNOS has developed machines with unique possibilities for the machining of high-precision parts with the SwissNano series. In order to ensure that customers have optimum benefits, UTILIS has developed a tool plate with an integrated coolant system which can be quickly and easily exchanged with the existing one.



Quick change system

Quick and exact tool change by means of adjustable stops in the tool plate.

Flow controller at the clamping shim

Targeted regulation of the tool cooling with on / off function.

Two coolant outputs at the clamping shim

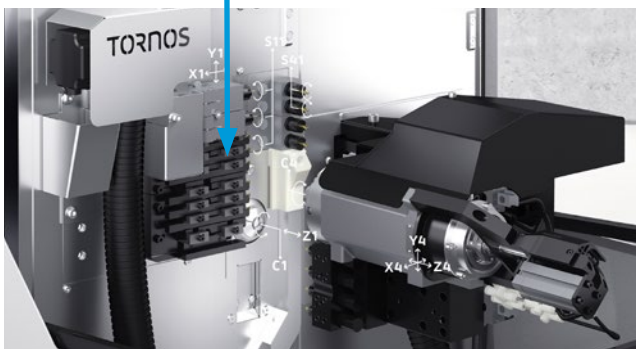
Reduced tool wear due to focussed cooling directly at the cutting edge. Thanks to the integrated coolant system, externally attached coolant connections are not required.

Coolant connections at the plate

A wide range of connecting options ensure that there is a direct connection to the coolant unit.

Take advantage of these benefits!

Increase the performance of your machine and replace its tool plate today. The investment will be worth it.



Overview – multidec®-LUB, Tool plates for SwissNano

Technical information (in the general catalog)

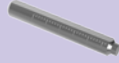
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Tool plates and clamping shims



4

Replacement and spare parts



7

With integrated coolant supply "TPC-IC"



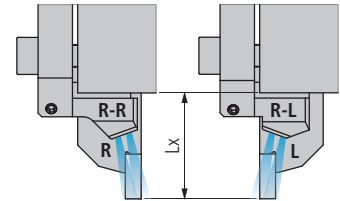
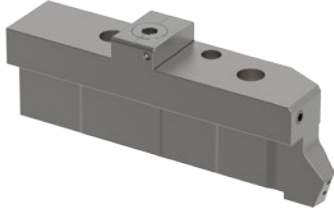
MLU TO-SN-TPC-IC-..

Order designation		Type of machine	Number of tool positions	Cut-off position holder	Holder for other tool positions
MLU TO-SN-TPC-IC-3T	■	SN4	3	8×8	8×8
MLU TO-SN-TPC-IC-4T	■	SN4	4	12×12	8×8
MLU TO-SN-TPC-IC-6T	■	SN7	6	12×12	10×10
MLU TO-SN-TPC-IC-5T*	□	SN7	5*	12×12	10×10

* Without the uppermost tool position in order to make space for a powered unit for lateral drilling tools and milling cutters.

Scope of delivery: Tool plate, clamping shims, tool stops and mounting screws

With integrated coolant supply "IC"



MLU 01 R-R IC-...

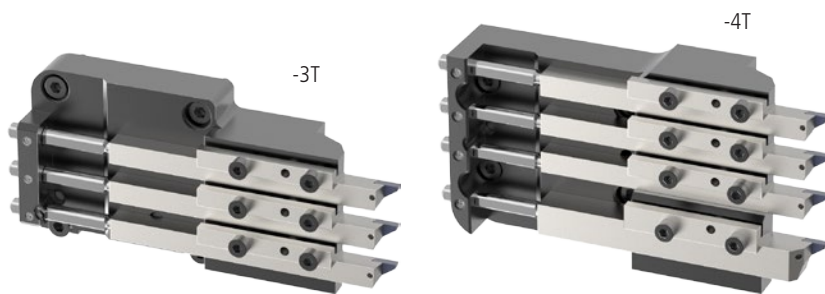
Order designation				For holder	
R		L			Lx*
MLU 01R-R IC-F-03	■			8×8	15
MLU 01 R-R IC-F-02	■	MLU 01 R-L IC-F-06	■	10×10	15
MLU 01 R-R IC-F-01	■	MLU 01 R-L IC-F-07	■	12×12	15
MLU 01 R-R IC-F-05	□			10×10	20
MLU 01 R-R IC-F-08	□			10×10	25
MLU 01 R-R IC-F-04	□			12×12	25
MLU 01 R-R IC-F-09	□			10×10	30

* Lx: Recommended overhanging length of the tool for optimum impacting of the coolant on the cutting edge.

Scope of delivery: Clamping shim with coolant regulating screw, without mounting screws
Clamping shims for other holder overhanging lengths by request

- Standard
- Semi-standard (by customer request)

Without integrated coolant supply "TPC"



MLU TO-SN-TPC-..

Order designation		Type of machine	Number of tool positions	Cut-off position holder	Holder for other tool positions
MLU TO-SN-TPC-3T	■	SN4	3	8×8	8×8
MLU TO-SN-TPC-4T	■	SN4	4	12×12	8×8

Scope of delivery: Tool plate, clamping shims, tool stops and mounting screws

Without integrated coolant supply "SE"



MLU 01-SE-..

Order designation				For holder	
	MLU 01-SE-02	■		8×8	10×10
	MLU 01-SE-01	■		12×12	

Replacement and spare parts

Illustration	Description	Dimensions	Order designation	Tool plate	Clamping shim	For holder
	Screw plug	G1/8" IB5	MSP VSR G1/8" IB5	MLU... TP. IC..		
		M5 IB2.5	MSP VSR M5 IB2.5			
	Tool stop	6×40*	MLU 60400 AN	MLU... TP. IC MLU... TP..		
	Allen head screw	M4×20	MSP 40200 ZKS IB3	MLU... TP. .5T MLU... TP. .6T MLU... TP. .3T MLU... TP. .4T	MLU 01-R-. IC-F-.. MLU 01-SE-..	8×8 10×10
		M4×25	MSP 40250 ZKS IB3			12×12
		M5×12	MSP 50120 ZKS IB4			
		M5×20	MSP 50200 ZKS IB4			
	Clamping screw	M4×3	MSP 40030 GST IB2			

* Other lengths by request

- Standard
- Semi-standard (by customer request)



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