

NEW PRODUCT NEWS

TOPMINI



**3 New Holder Types Introduced to the Product Line:
SLEEVE Holder, Y-AXIS Holder and SHIFT Holder
for Swiss Type Automatic Lathes**



KEY POINT

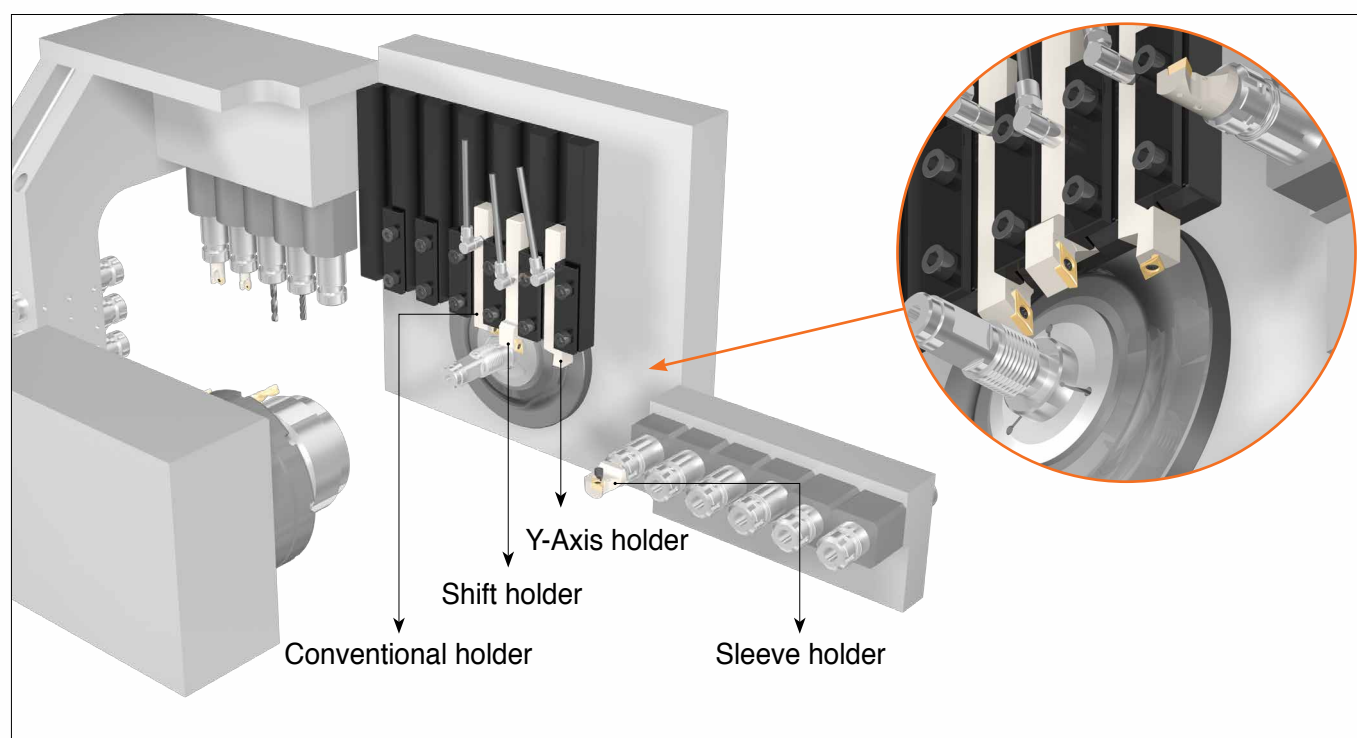
The TOPMINI product line has been expanded with the introduction of three new holder types: a new SLEEVE holder, Y-AXIS holder and SHIFT holder.

The **TOPMINI SLEEVE holder** is designed to be mounted on the rear tool post for external machining. As such, it eliminates the shortage of tools on the tool post when machining complex geometries. Not only does the T-BURST holder enable increased tool life and superior chip control, it is available in a variety of shank sizes for all Swiss type automatic lathes.

Unlike conventional holders, the **Y-AXIS holder** mounts to the tool post so the upper side of the insert faces downwards for more effective chip evacuation as chips easily eject downwards without interference during machining. An additional advantage of the Y-AXIS holder is improved rigidity due to the fact that the holder is mounted in the same direction of the workpiece's rotation realizing high precision and even more stable machining. It is optimally designed for difficult-to-cut materials such as aluminum, low carbon steel as well as stainless steel. The T-BURST type holder is also available as a Y-AXIS holder.

The **SHIFT holder** is an unconventionally shaped holder which completes finishing applications without retreating to the workpiece's guide bush after the roughing stage. A further benefit of the SHIFT holder design is that the extra space, between the holder and the workpiece, ensures easier chip removal making it suitable for the machining of thin and long workpieces in Swiss type automatic lathes.

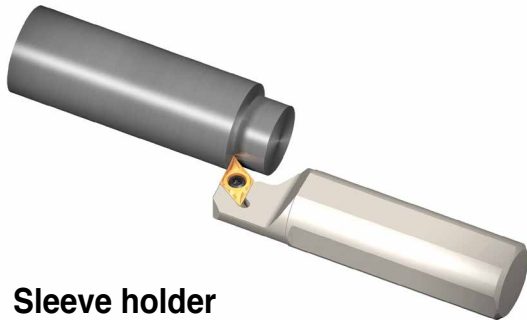
For additional technical information, please contact the relevant product manager.



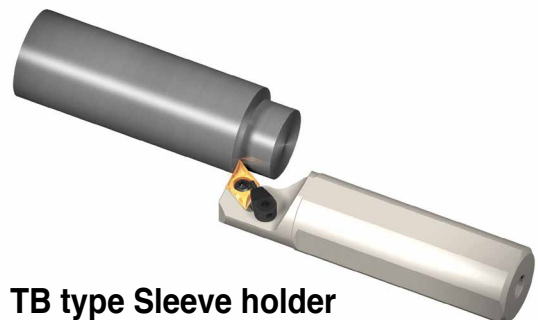
Features

SLEEVE holder

- Designed to machine the workpiece's outer diameter as it mounts to the rear tool post
- Eliminates the shortage of tool posts when processing complex shapes
- Increased tool life and excellent chip control for T-BURST specific applications
- Available in all shank sizes for Swiss type automatic lathes



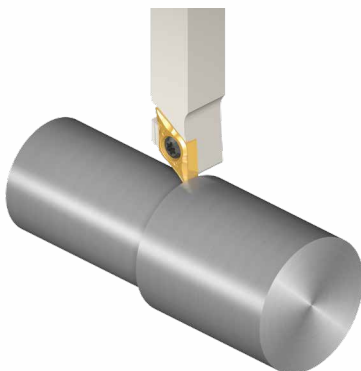
Sleeve holder



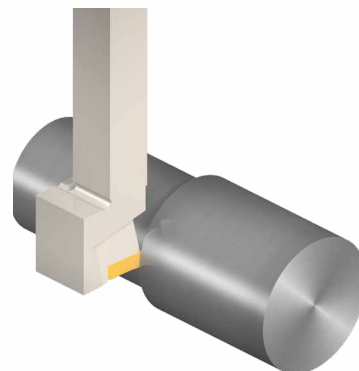
TB type Sleeve holder

Y-AXIS holder

- Smooth chip evacuation as swarf falls downwards during machining
- Improved holder rigidity for better dimensional accuracy and stable machining
- Suitable for the machining of aluminum, low carbon steel and stainless steel
- T-BURST type holder is also available as a Y-Axis type



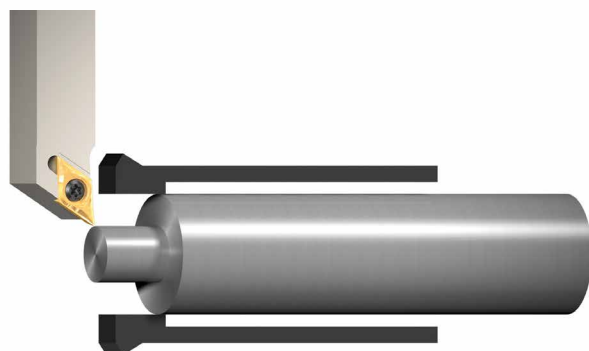
Conventional holder



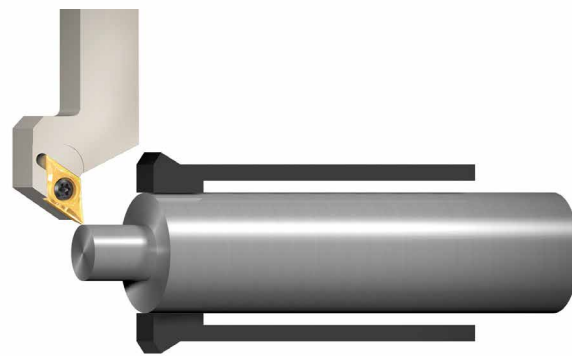
Y-AXIS holder

SHIFT holder

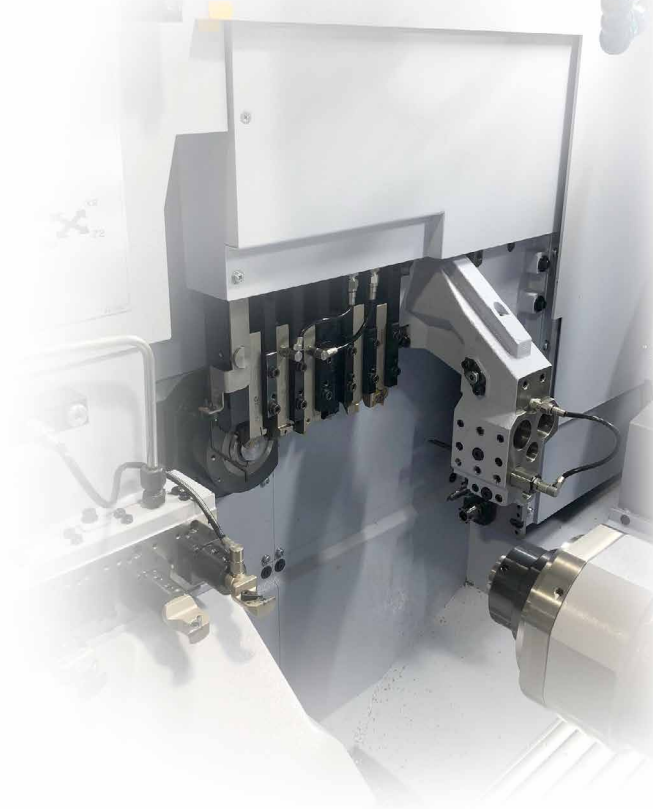
- Elimination of guide bush retraction stage completes finishing applications more quickly
- Unconventional design allows for extra space between the holder and the workpiece for smoother chip evacuation
- Suitable for the machining of thin and long workpieces in Swiss type automatic lathes



Conventional holder

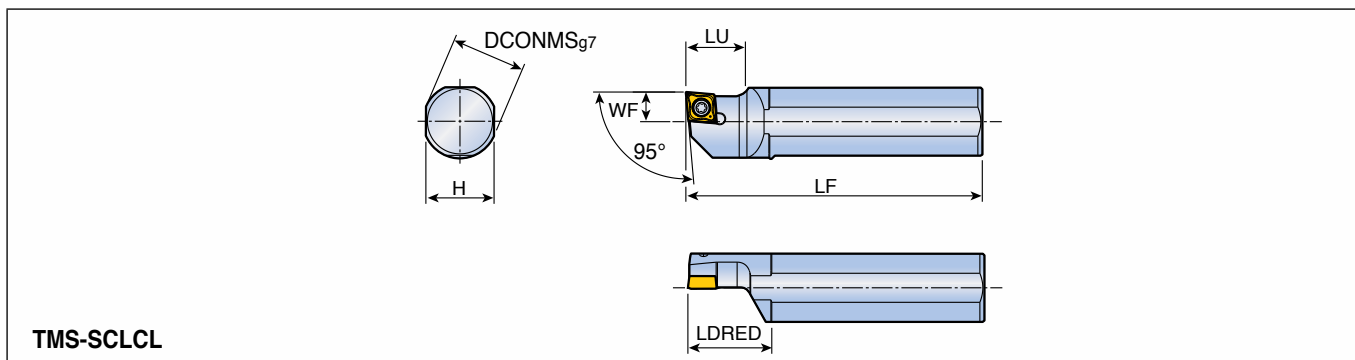


SHIFT holder

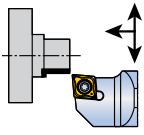


TMS-SCLCL



Sleeve holder



TMS-SCLCL

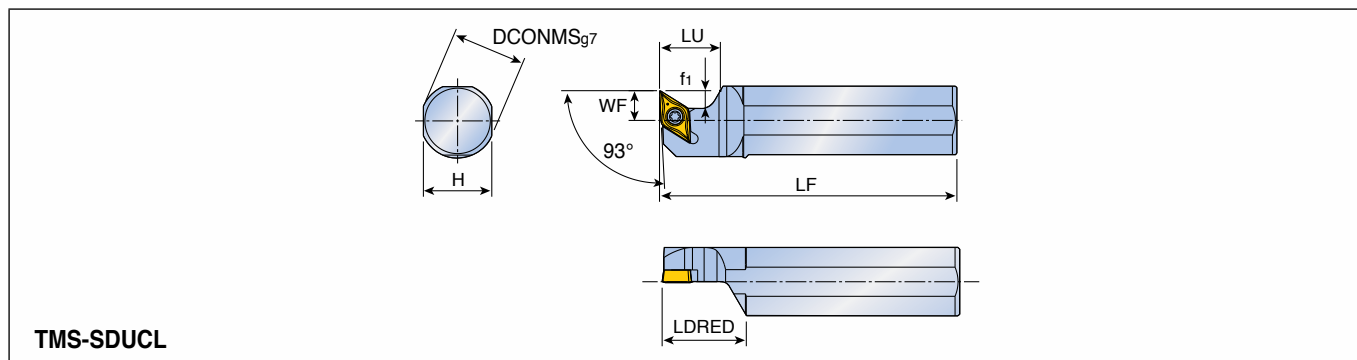
Approach angle	Designation	Dimension (mm)						Insert
		DCONMS	H	LF	LU	LDRED	WF	
95° 	TMS- 19.05H SCLCL 09	19.05	17	100	20	28	10	CC...T 09T3...
	20H SCLCL 09	20	18	100	20	28	10	
	22H SCLCL 09	22	20	100	20	28	10	
	25H SCLCL 09	25	23	100	20	28	10	

Spare parts

Designation	Screw	Wrench				
						
TMS-SCLCL	SO 35080I	T 15				

TMS-SDUCL

Sleeve holder



TMS-SDUCL

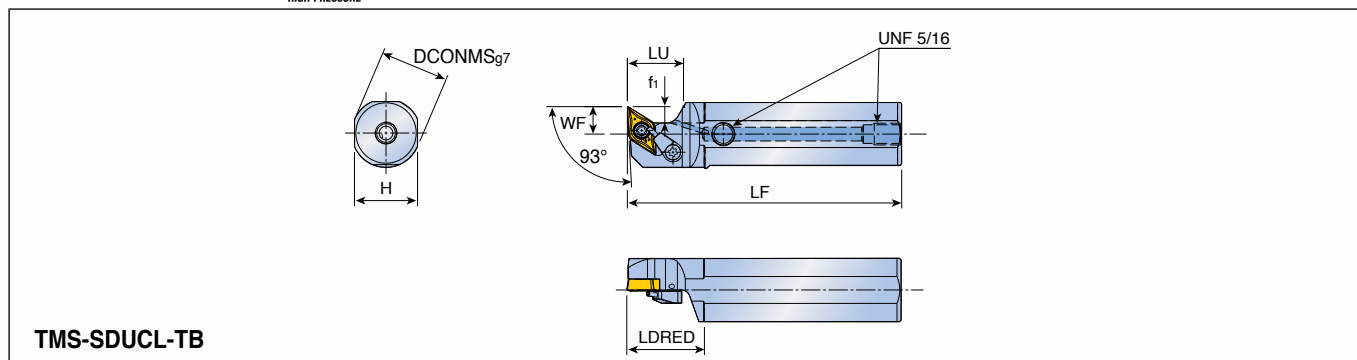
Approach angle	Designation	Dimension (mm)							Insert
		DCONMS	H	LF	f1	LU	LDRED	WF	
<p>93°</p> <p>30° max.</p>	TMS-16X SDUCL 11	16	15	85	6	20	28	10	DC...T 11T3...
	19.05H SDUCL 11	19.05	17	100	6	20	28	10	
	20H SDUCL 11	20	18	100	6	20	28	10	
	22H SDUCL 11	22	20	100	6	20	28	10	
	25H SDUCL 11	25	23	100	6	20	28	10	

Spare parts

Designation	Screw	Wrench				
TMS-SDUCL	SO 35080I	T 15				

TMS-SDUCR/L-TB

Sleeve holder (T-BURST) HIGH PRESSURE



TMS-SDUCL-TB

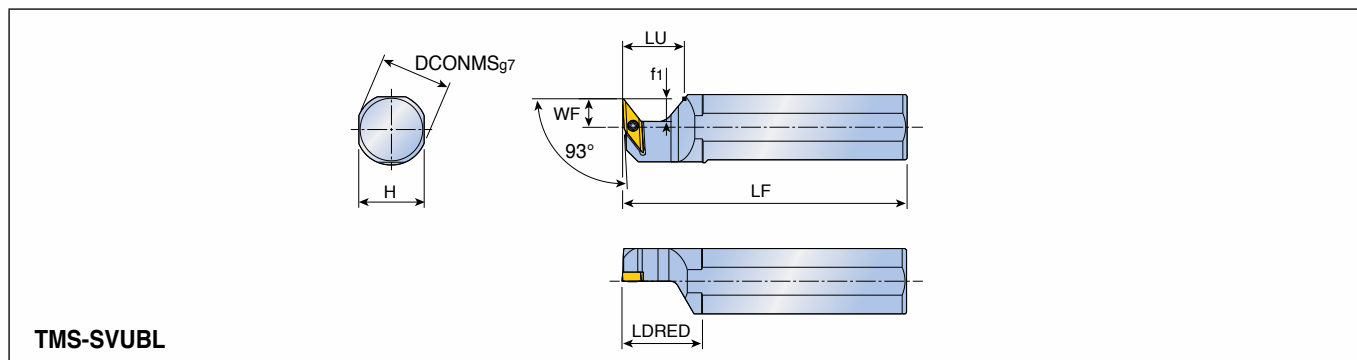
Approach angle	Designation	Dimension (mm)							Insert
		DCONMS	H	LF	f1	LU	LDRED	WF	
93° 	TMS-16X SDUCR 11-TB	16	15	85	6	20	28	10	DC...T 11T3...
	19.05H SDUCL 11-TB	19.05	17	100	6	20	28	10	
	20H SDUCL 11-TB	20	18	100	6	20	28	10	
	22H SDUCL 11-TB	22	20	100	6	20	28	10	
	25H SDUCL 11-TB	25	23	100	6	20	28	10	

Spare parts

Designation	Screw	Oil-supply unit	Plug	Wrench	
TMS-SDUCR/L-TB	SO 35080I	S-CU-TB	PLG 5/16 UNF	T 15	L-W 5/32

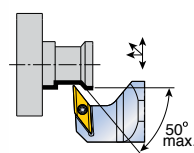
TMS-SVUBL

Sleeve holder





TMS-SVUBL

Approach angle	Designation	Dimension (mm)							Insert
		DCONMS	H	LF	f1	LU	LDRED	WF	
93°	TMS- 19.05H SVUBL 11	19.05	17	100	8	21	25	10	VB...T 1103...
	20H SVUBL 11	20	18	100	8	21	25	10	
	22H SVUBL 11	22	20	100	8	21	25	10	
	25H SVUBL 11	25	23	100	8	21	25	10	

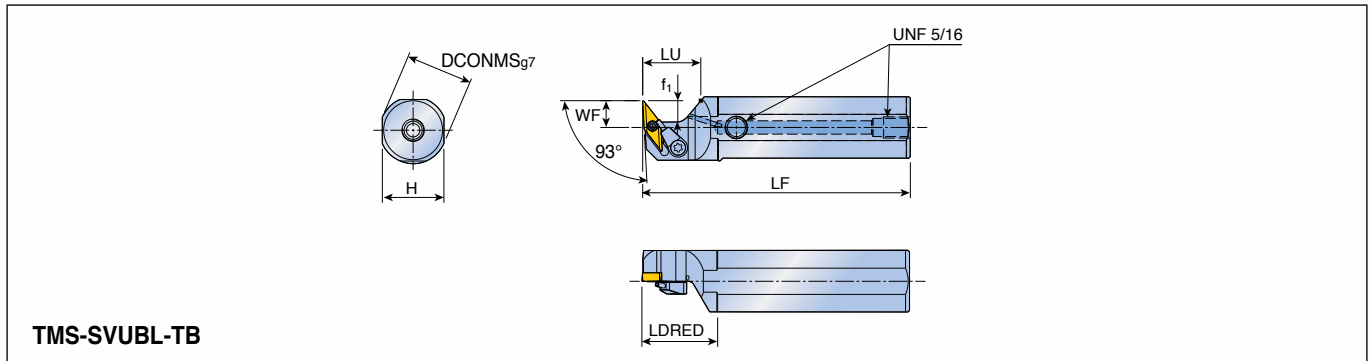


Spare parts

Designation	Screw	Wrench				
						
TMS-SVUBL	SO 25065I	T 7(T-7/5)				

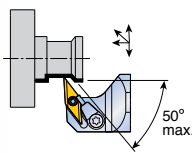
TMS-SVUBR/L-TB

Sleeve holder (**T-BURST**)
HIGH PRESSURE



TMS-SVUBL-TB

Approach angle	Designation	Dimension (mm)							Insert
		DCONMS	H	LF	f1	LU	LDRED	WF	
93°	TMS-16X SVUBR 11-TB	16	15	85	8	21	25	10	VB...T 1103...
	19.05H SVUBL 11-TB	19.05	17	100	8	21	25	10	
	20H SVUBL 11-TB	20	18	100	8	21	25	10	
	22H SVUBL 11-TB	22	20	100	8	21	25	10	
	25H SVUBL 11-TB	25	23	100	8	21	25	10	

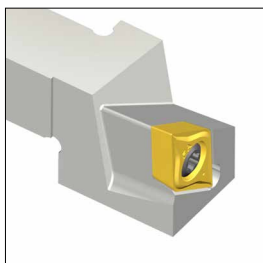


Spare parts

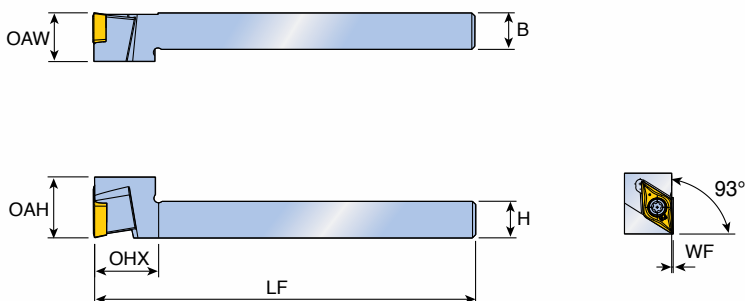
Designation	Screw	Oil-supply unit	Plug	Wrench	
TMS-SVUBR/L-TB	SO 25065I	S-CU-TB	PLG 5/16 UNF	T 7(T-7/5)	L-W 5/32

TMY-SDJCR

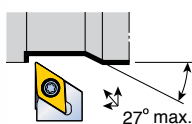
Y-axis holder





TMY-SDJCR



Approach angle	Designation	Dimension (mm)							Insert
		H	B	LF	OHX	OAH	OAW	WF	
93°	TMY- SDJCR 1212 K11	12	12	125	21	20	16	0	DC...T 11T3...
	SDJCR 1616 K11	16	16	125	21	20	16	0	

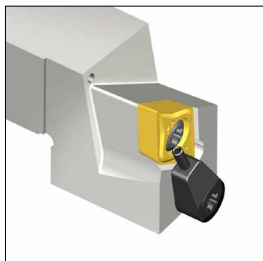


Spare parts

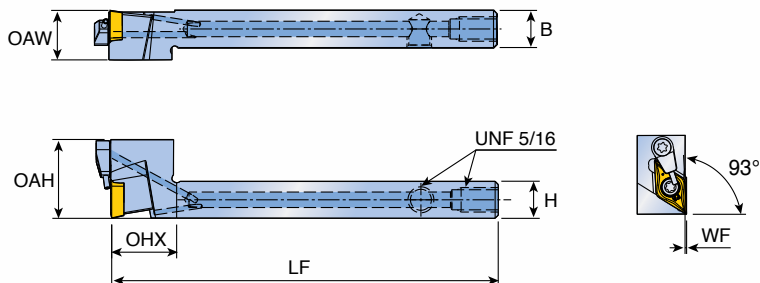
Designation	Screw	Wrench				
						
TMY-SDJCR	SO 35080I	T 15				

TMY-SDJCR-TB

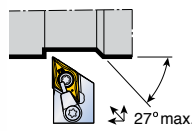
Y-axis holder (*T-BÜRST*) HIGH PRESSURE



TMY-SDJCR-TB



Approach angle	Designation	Dimension (mm)							Insert
		H	B	LF	OHX	OAH	OAW	WF	
93°	TMY- SDJCR 1212 K11-TB	12	12	125	21	25.5	16	0	DC...T 11T3...
	SDJCR 1616 K11-TB	16	16	125	21	25.5	16	0	

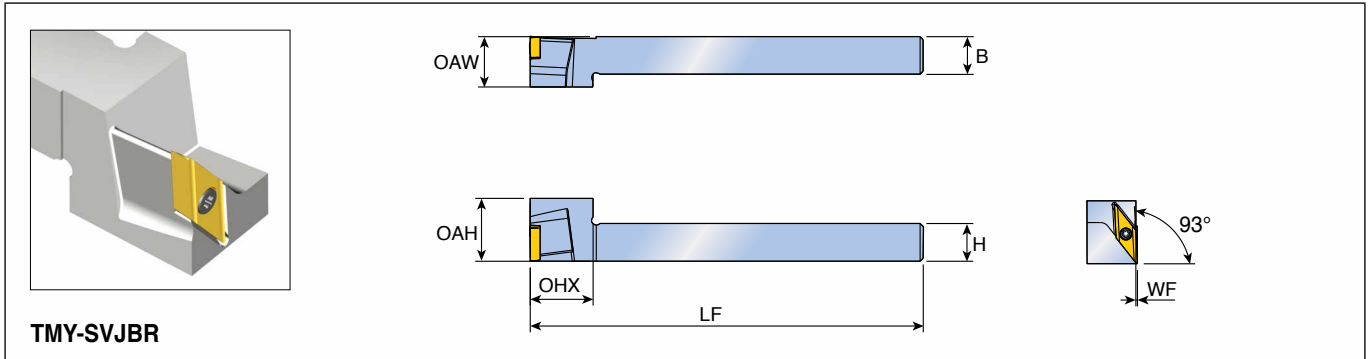


Spare parts

Designation	Screw	Oil-supply unit	Plug	Wrench	
TMY-SDJCR-TB	SO 35080I	S-CU-TB	PLG 5/16 UNF	T 15	L-W 5/32

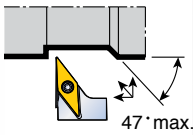
TMY-SVJBR

Y-axis holder





TMY-SVJBR

Approach angle	Designation	Dimension (mm)							Insert
		H	B	LF	OHX	OAH	OAW	WF	
93°	TMY- SVJBR 1212 K11	12	12	125	21	20	16	0	VB...T 1103...
	SVJBR 1616 K11	16	16	125	21	20	16	0	

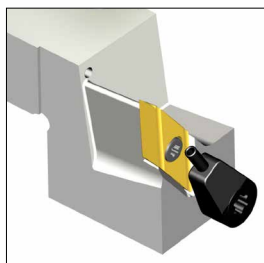


Spare parts

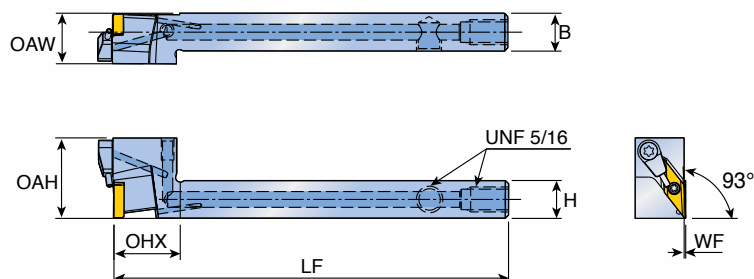
Designation	Screw	Wrench				
						
TMY-SVJBR	SO 25065I	T 7(T-7/5)				

TMY-SVJBR-TB

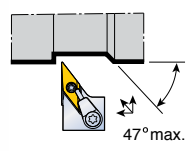
Y-axis holder (*T-BÜRST*) HIGH PRESSURE



TMY-SVJBR-TB



Approach angle	Designation	Dimension (mm)							Insert
		H	B	LF	OHX	OAH	OAW	WF	
93°	TMY-SVJBR 1212 K11-TB	12	12	125	21	25.5	16	0	VB...T 1103...
	SVJBR 1616 K11-TB	16	16	125	21	25.5	16	0	

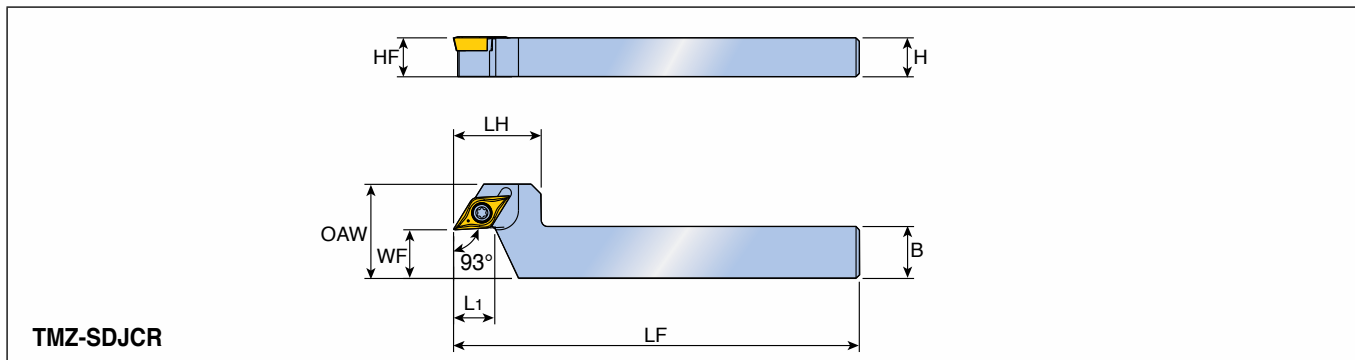


Spare parts

Designation	Screw	Oil-supply unit	Plug	Wrench	
TMY-SVJBR-TB	SO 25065I	S-CU-TB	PLG 5/16 UNF	T 7(T-7/5)	L-W 5/32

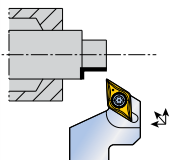
TMZ-SDJCR

Shift holder





TMZ-SDJCR

Approach angle	Designation	Dimension (mm)								Insert
		H	HF	B	LF	L1	OAW	LH	WF	
93°	TMZ- SDJCR 1216 K11-F15	12	12	16	125	12.5	29	27	15	DC...T 11T3...
	SDJCR 1620 K11-F15	16	16	20	125	16.3	29	30	15	

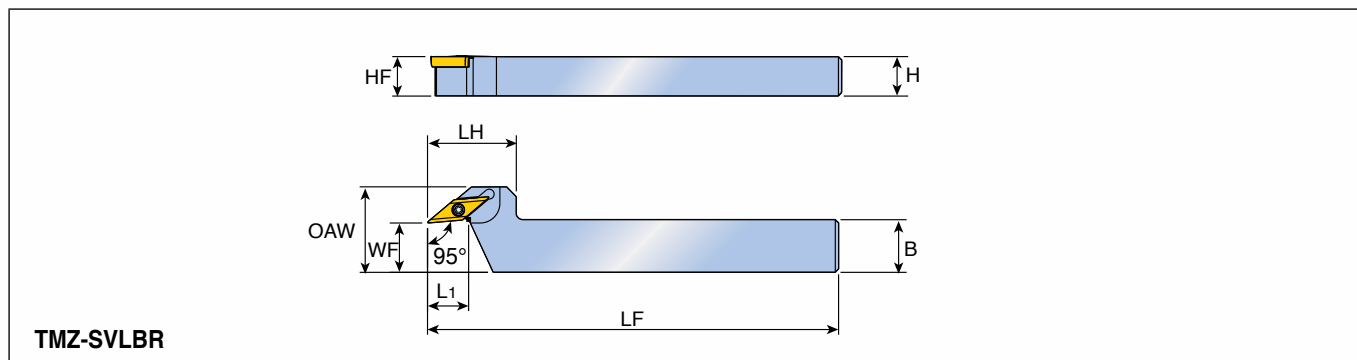


Spare parts

Designation	Screw	Wrench				
						
TMZ-SDJCR	SO 35080I	T 15				



TMZ-SVLBR

Shift holder



Approach angle	Designation	Dimension (mm)								Insert
		H	HF	B	LF	L1	OAW	LH	WF	
95°	TMZ-SVLBR 1216 K11-F15	12	12	16	125	12.3	26	27	15	VB...T 1103...
	SVLBR 1620 K11-F15	16	16	20	125	16.2	26	30	15	

Spare parts

Designation	Screw	Wrench				
						
TMZ-SVLBR	SO 25065I	T 7(T-7/5)				