

UTILIS
multidec[®]
swiss type tools

GENERAL CATALOG 2020/21



**PRECISION TOOLS
FOR SMALL PART MANUFACTURING AND MICRO-CUTTING**

future since **1915**

UTILIS[®]
Tooling for High Technology

Cut-off operation near the spindle or the sub-spindle is frequently difficult with standard-tool holders. The cutting edge is too far away or the tool holder collides with the spindle. Adapted special tool holders are the solution in this case.

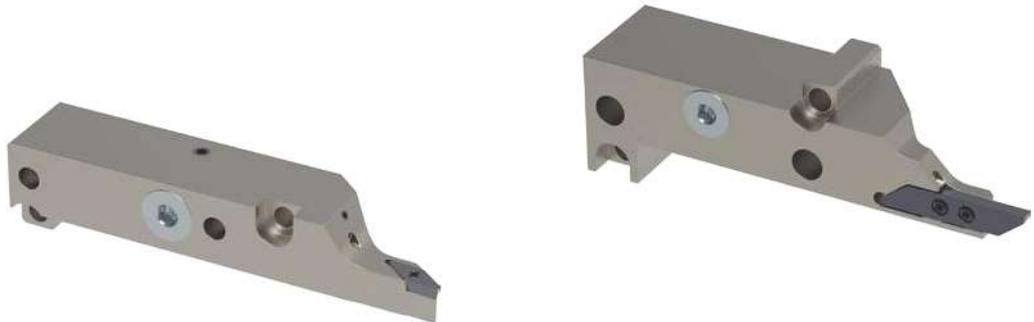
This program proposes to use multidec®-CUT and -TOP inserts, adapted tool holders and modules for machines of DECO 7, DECO 10, EvoDECO 10, DECO 13, EvoDECO 16, DECO 20, DECO 26 and EvoDECO 32.

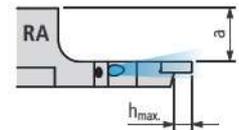
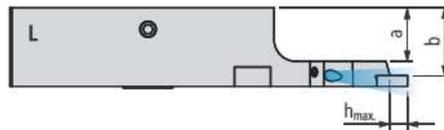
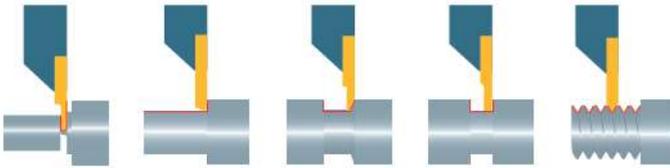
TORNOS



Advantages:

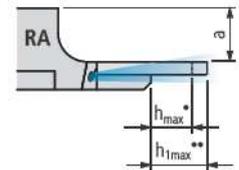
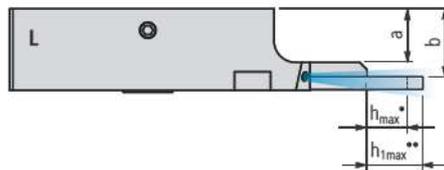
- Adapted tool-holders with internal cooling, nickel plated and made from heat treated steel, available from stock
- Increased stability by direct attachment of tool holders on the machine base plate
- Cutting edge near the spindle/sub-spindle
- Cut-off of small parts without problems
- Utilisation of high quality multidec®-CUT inserts





DECO... 7/10 CUT 1600 ...

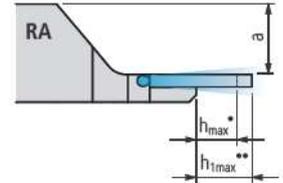
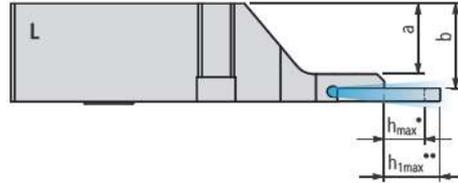
Order designation		Dimensions			Machine type	Inserts
L	R	a	b	h _{max}		□ 49...
DECO/EVO 7/10 CUT 1600 L IC	DECO/EVO 7/10 CUT 1600 RA IC	15	19	5	DECO 7/10, EvoDECO 10	16...



DECO... 7/10 CUT 3000 ...

Order designation		Dimensions				Machine type	Inserts
L	R	a	b	h _{max}	h _{1max}		□ 111...
DECO/EVO 7/10 CUT 3000 L IC	DECO/EVO 7/10 CUT 3000 RA IC	15	19	10	–	DECO 7/10, EvoDECO 10	30 ...

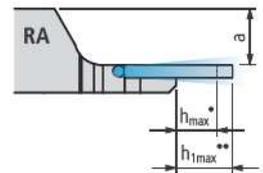
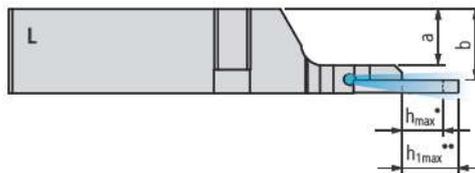
• Short insert; •• Long insert



DECO... 13/16 CUT 3000 ...

Order designation		Dimensions				Machine type	Inserts
L	R	a	b	h _{max}	h _{1max}		D 111...
DECO/EVO 13/16 CUT 3000 L IC	DECO/EVO 13/16 CUT 3000 RA IC	25	29	10	–	DECO 13, EvoDECO 16	30...

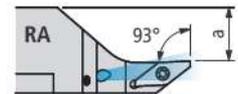
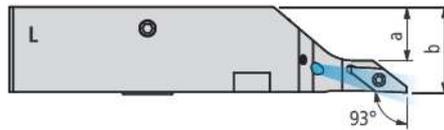
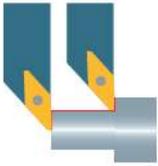
• Short insert; •• Long insert



DECO... 20/26/32 CUT 3000 ...

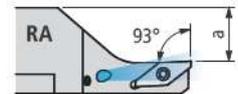
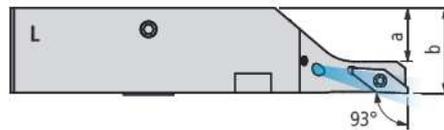
Order designation		Dimensions				Machine type	Inserts
L	R	a	b	h _{max}	h _{1max}		D 111...
DECO/EVO 20/26/32 CUT 3000 L IC	DECO/EVO 20/26/32 CUT 3000 RA IC	20	24	10	16	DECO 20/26, Evo DECO 32	30...

• Short insert; •• Long insert



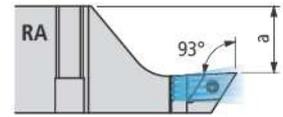
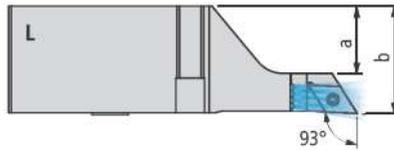
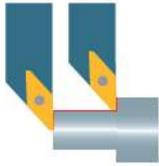
DECO... 7/10 SVJP ... (93°)

Order designation		Dimensions		Machine type	Inserts
L	R	a	b		□ 305...
DECO/EVO 7/10 SVJP L IC	DECO/EVO 7/10 SVJP RA IC	15	24	DECO 7/10, EvoDECO 10	VP 1003..



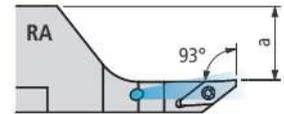
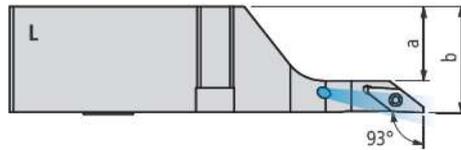
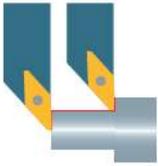
DECO... 7/10 SVJP ... V (93°)

Order designation		Dimensions		Machine type	Inserts
L	R	a	b		□ 305...
DECO/EVO 7/10 SVJP LV IC	DECO/EVO 7/10 SVJP RAV IC	15	24	DECO 7/10, EvoDECO 10	VP 1003..



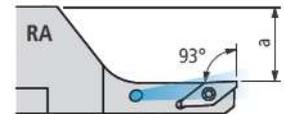
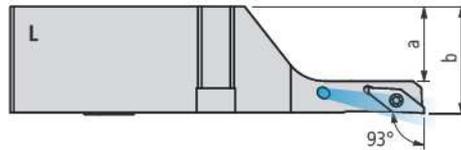
DECO... 13/16 SDJC ... (93°)

Order designation		Dimensions		Machine type	Inserts
L	R	a	b		□ 201...
DECO/EVO 13/16 SDJC L IC	DECO/EVO 13/16 SDJC RA IC	25	40	DECO 13, EvoDECO 16	DC.. 11T3..



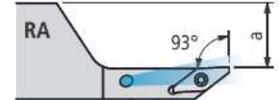
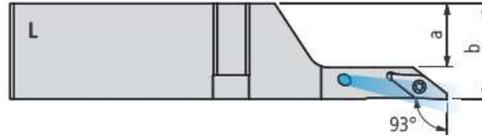
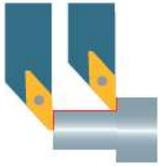
DECO... 13/16 SVJP ... (93°)

Order designation		Dimensions		Machine type	Inserts
L	R	a	b		□305...
DECO/EVO 13/16 SVJP L IC	DECO/EVO 13/16 SVJP RA IC	25	34	DECO 13, EvoDECO 16	VP 1003..



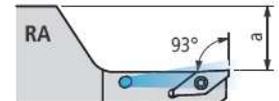
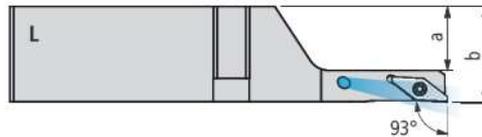
DECO... 13/16 SVJP ... V (93°)

Order designation		Dimensions		Machine type	Inserts
L	R	a	b		□305...
DECO/EVO 13/16 SVJP LV IC	DECO/EVO 13/16 SVJP RA V IC	25	34	DECO 13, EvoDECO 16	VP 1003..



DECO... 20/26/32 SVJP ... (93°)

Order designation				Dimensions		Machine type	Inserts
L		R		a	b		□305...
DECO/EVO 20/26/32 SVJP L IC	■	DECO/EVO 20/26/32 SVJP RA IC	■	20	29	DECO 20/26, EvoDECO 32	VP 1003..



DECO... 20/26/32 SVJP ... V (93°)

Order designation				Dimensions		Machine type	Inserts
L		R		a	b		□305...
DECO/EVO 20/26/32 SVJP LV IC	■	DECO/EVO 20/26/32 SVJP RAV IC	■	20	29	DECO 20/26, EvoDECO 32	VP 1003..

Illustration	Description	Dimensions	Order designation	Holder
	TORX screw	M2.5 × 6 T08	MSP 25060 T08	■ DECO/EVO... CUT 1600.. DECO/EVO...SVJR..
		M3 × 9 T08	MSP 30090 T08	■ DECO/EVO... CUT 3000..
	Cylindrical pin	ø5h6 × 24	MSP Z5524	■ DECO/EVO 7/10...
		ø5h6 × 24	MSP Z5524 special	■ DECO/EVO 7/10...
	Socket head screw	M5 × 30 IB4	MSP 50300 IB4	■ DECO/EVO 7/10...
		M6 × 40 IB5	MSP 60400 IB5	■ DECO/EVO 13/16...
		M6 × 35 IB5	MSP 60350 IB5	■ DECO/EVO 20/26/32...
	Allen key	SW 4	MSP IB4	■ MSP 50... IB4
		SW 5	MSP IB5	■ MSP 60... IB5
	Screw plug	G½" IB5	MSP VSR G1/8 IB5	■ DECO/EVO 7/10... DECO/EVO 13/16...

TORX screwdriver □ 651...