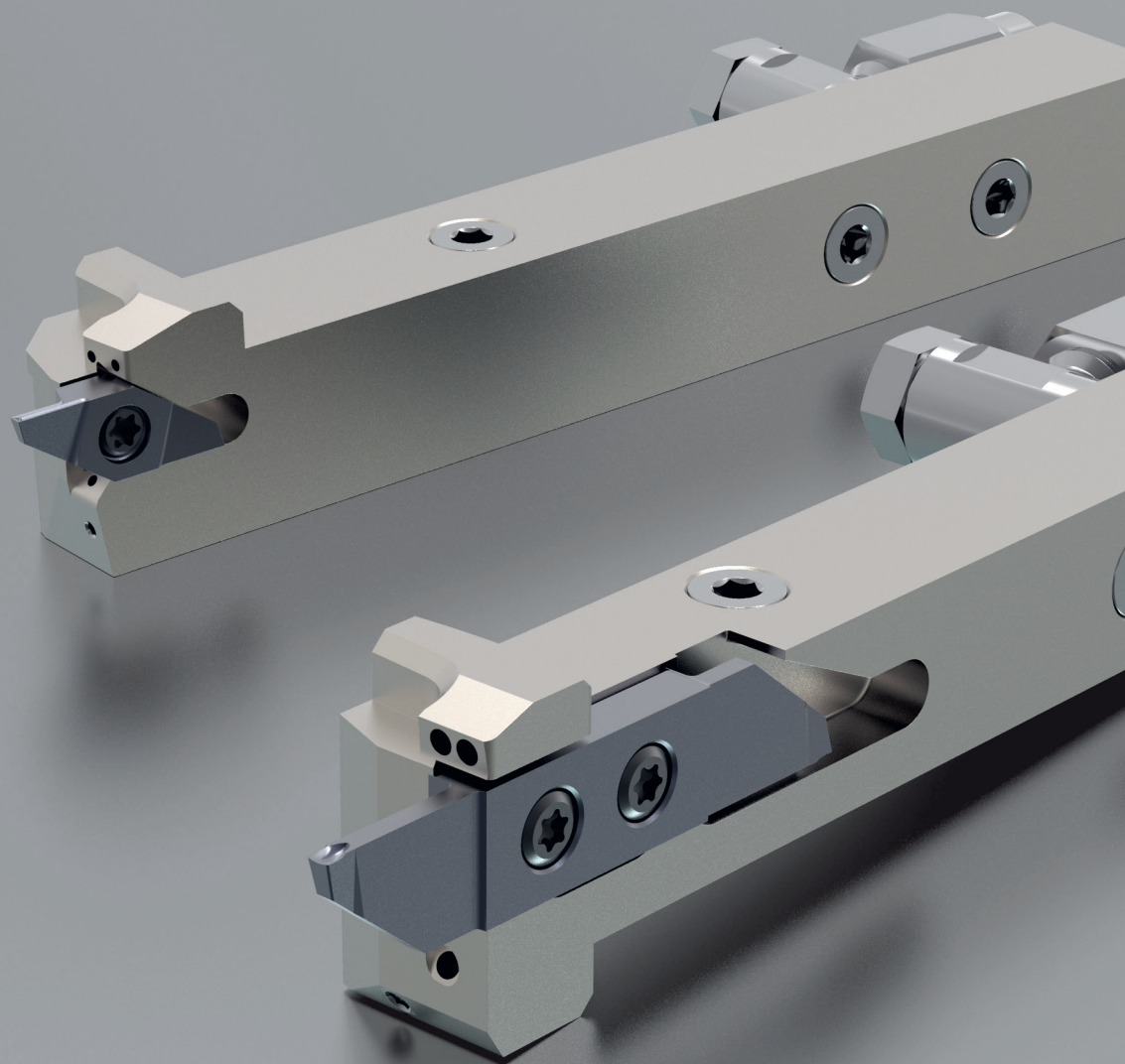


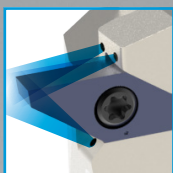
multidec[®]-CUT

IC-PLUS "IC+" TOOL HOLDERS

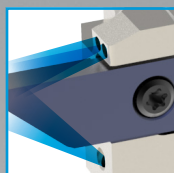
WITH INTEGRATED COOLANT SUPPLY



1600 IC+



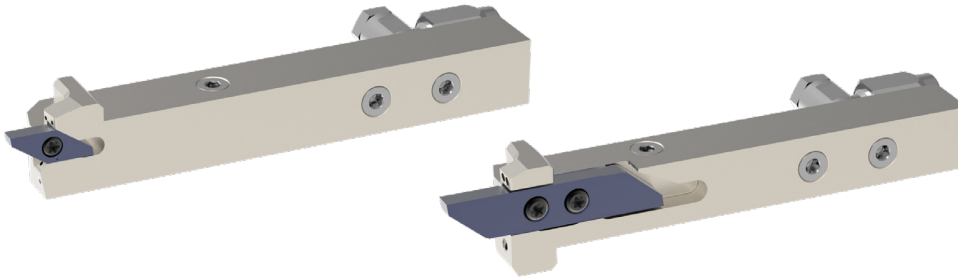
3000 IC+



Cost-efficient processing of modern materials increasingly requires accurate control of the coolant at the cutting edge. Conveying the coolant as close as possible to the cutting edge is often a difficult task in the machine rooms of Swiss type turning lathes.

The multidec®-IC program offers a wide range of holders with integrated cooling. Because of the high precision and pressure, it is possible to discharge the chip quickly and safely from the cutting edge and the workpiece, which protects the cutting edge of the insert. This means significantly longer tool life as well as very reliable serial production.

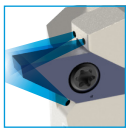
The "IC-Plus" (IC+) cooling with cutting edge and cooling of clearance angle increases significantly the service life of the cutting edges, or the cutting data can be increased without further wear.



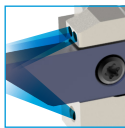
Advantages:

- Each holders has five connection possibilities for the coolant supply and an additional direct connecting via the multidec®-LUB clamping shim (MLU...N...), which has been designed for this purpose.
- Fixed coolant exit allows for small set-up in front of the holder
- With or without high pressure, the coolant medium always hits the cutting edge precisely

1600 IC+



3000 IC+

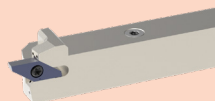


"IC-Plus" (IC+) holder with integrated cooling with cutting edge and additional cooling of clearance angle

Overview – multidec®-CUT 1600/3000 “IC-PLUS” (IC+) holders

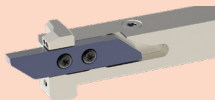
3

Holders 1600



1600... IC+	4
1600... IC+ INCH	4

Holders 3000

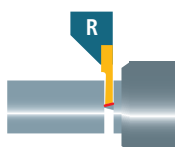


3000... IC+	5
3000... IC+ INCH	5

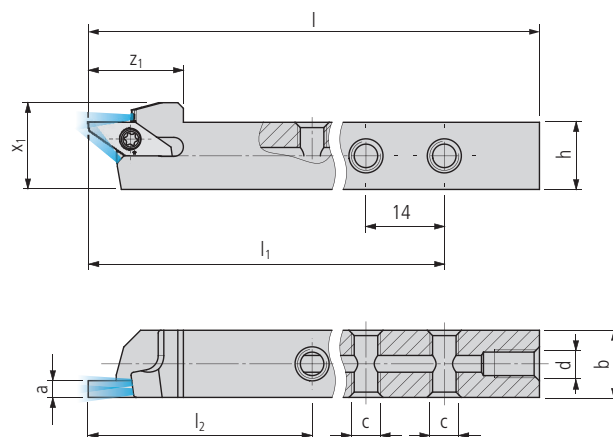
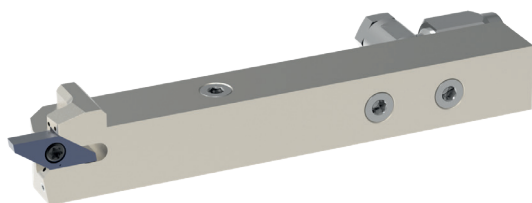
Replacement and spare parts



6



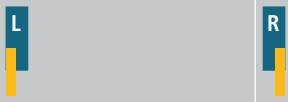
With "IC+" (IC-Plus) internal cooling
with cutting edge and additional cooling of
clearance angle



1600... IC+

Order designation				Dimensions										Inserts*
L		R		h	b	l	l ₁	l ₂	a	z ₁	x ₁	c	d	
PREMIUM-LINE														
1600-08x100 L IC+	■	1600-08x100 R IC+	■	8	10	100	76	40	3	15	14	M5	M5	16...
1600-10x100 L IC+	■	1600-10x100 R IC+	■	10	10	100	76	40	3	15	14	M5	M5	16...
1600-12x100 L IC+	■	1600-12x100 R IC+	■	12	12	100	83	40	3	17	15.5	M5	M5	16...
1600-16x125 L IC+	■	1600-16x125 R IC+	■	16	16	125	100	50	3	17	19.5	M5	G½"	16...
1600-20x125 L IC+	■	1600-20x125 R IC+	■	20	20	125	100	50	3	17	23.5	M5	G½"	16...

1600... IC+ INCH

Order designation				Dimensions											Inserts *
															
				h	b	l	l ₁	l ₂	a	z ₁	x ₁	c	d		
PREMIUM-LINE															
1600-3/8"x100 L IC+		1600-3/8"x100 R IC+		9.525	9.525	100	76	40	3	15	14	M5	M5	16...	
1600-1/2"x100 L IC+		1600-1/2"x100 R IC+		12.7	12.7	100	83	40	3	17	16.2	M5	M5	16...	
1600-5/8"x125 L IC+		1600-5/8"x125 R IC+		15.875	15.875	125	100	50	3	17	19.4	M5	G ¹ / ₈ "	16...	
1600-3/4"x125 L IC+		1600-3/4"x125 R IC+		19.05	19.05	125	100	50	3	17	22.6	M5	G ¹ / ₈ "	16...	

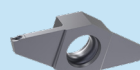


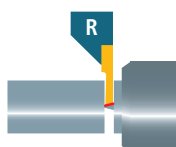
Item 300362

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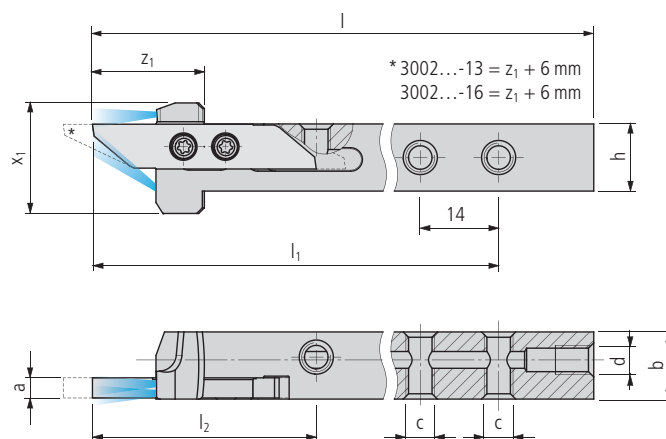
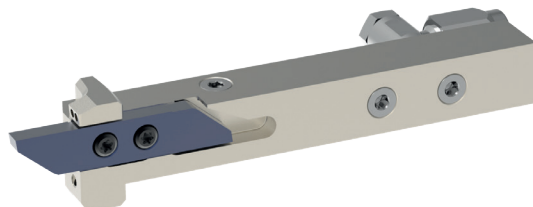
* Can be found in general catalogue 2022/23

- Inserts multidec®-CUT 1600 ☐ 51...
- Coolant system ☐ 671...





With "IC+" (IC-Plus) internal cooling
with cutting edge and additional cooling of
clearance angle



3000... IC+

Order designation				Dimensions										Inserts**
L		R		h	b	l	l ₁	l ₂	a	z ₁	x ₁	c	d	
PREMIUM-LINE														
3000-12x100 L IC+	■	3000-12x100 R IC+	■	12	12	100	83	40	3.5	20	19.75	M5	M5	30...
3000-16x125 L IC+	■	3000-16x125 R IC+	■	16	16	125	100	50	3.5	20	22.25	M5	G½"	30...
3000-20x125 L IC+	■	3000-20x125 R IC+	■	20	20	125	100	50	3.5	20	23.75	M5	G½"	30...
3000-25x125 L IC+	■	3000-25x125 R IC+	■	25	25	125	100	50	3.5	20	28.75	M5	G½"	30...

3000... IC+ INCH

Order designation				Dimensions										Inserts**
L		R		h	b	l	l ₁	l ₂	a	z ₁	x ₁	c	d	
PREMIUM-LINE														
3000-1/2"x100 L IC+	■	3000-1/2"x100 R IC+	■	12.7	12.7	100	83	40	3.5	20	20.45	M5	M5	30...
3000-5/8"x125 L IC+	■	3000-5/8"x125 R IC+	■	15.875	15.875	125	100	50	3.5	20	22.125	M5	G½"	30...
3000-3/4"x125 L IC+	■	3000-3/4"x125 R IC+	■	19.05	19.05	125	100	50	3.5	20	22.8	M5	G¾"	30...



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** Can be found in general catalogue 2022 / 23

- Inserts multidec®-CUT 3000 ☐ 123...
- Coolant system ☐ 671...



Illustration	Description	Dimensions	Order designation		Holders
	TORX screw	M2.5 × 9 T08	MSP 25090 T08	■	1600...
		M3 × 9 T08	MSP 30090 T08	■	3000...
	Screw plug	M5	MSP VSR M5 IB2.5	■	1600... / 3000... (h ≤ -12)
		G1/8	MSP VSR G1/8 IB5	■	1600... / 3000... (h ≥ -16)



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Can be found in general catalogue 2022 / 23

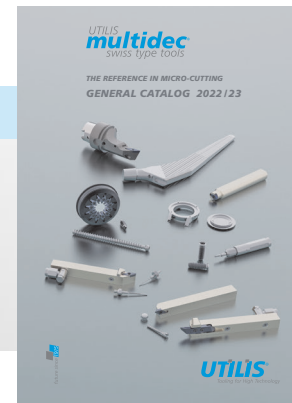
– TORX screwdrivers

703...



multidec® General catalog 2022/23

With the slogan **"The reference in micro machining"**, UTILIS presents the multidec® general catalogue 2022/23. The general catalogue contains a wide product range with efficient tools for your needs.

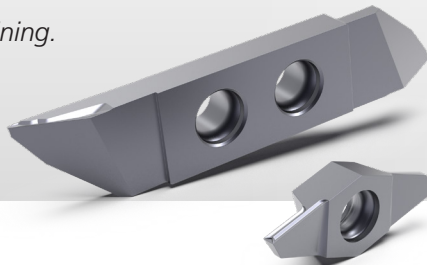


Article 300362

UTILIS
multidec®
swiss type tools

multidec®-CUT – G-LINE inserts

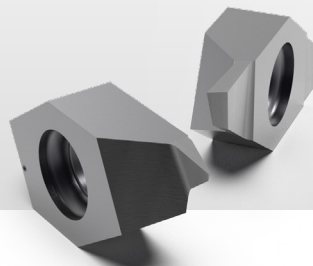
The performance boost in machining. New technology for creation of any three-dimensional chip-breaker shapes.



Article 400870

multidec®-CUT – WATCH-LINE inserts

The WATCH-LINE range of turning inserts is designed for the efficient machining of very small parts in the watchmaking industry.



Article 400918

multidec®-CARE – From the idea to the machine

You have an order or an idea, and you want to know how to implement it? Together, we can realise a cost-effective solution for you.



Article 400885



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