





Multi-function tools

EcoCut Classic and EcoCut Mini

EcoCut - the original

EcoCut is the updated tool holder for optimised stability. The 'HARD & TOUGH' surface ensures reduced friction, optimal chip evacuation and protection against abrasive wear. The new coated high-performance grades cover all materials of the ISO material groups P, M, K and S: the new grades CTCP425 and CTCP435 with the COLORSTAR™ coating (CVD) ensure stable cutting edges and maximum heat resistance. The new grade for a variety of applications, SILVERSTAR™ CTPP430 (PVD) is suitable for the application on stainless and heat-resistant materials as well as on steel and cast iron materials.

The SILVERSTAR™ CTPP430 grade is simultaneously provided with high wear resistance and boasts

excellent toughness in a wide application range.

Also for EcoCut Mini new grades have been specially developed: the uncoated carbide grade CTWN425 has sharp cutting edges and hence is particularly suitable for the machining of aluminium and non-ferrous metals. The PVD-coated grade CTPP435 for a wide range of applications demonstrates its strengths in all applications on steel and stainless steel as well as on cast iron and heat-resistant materials.

Higher stability of machining process




An enlarged chip groove and diameter of the flange guarantees increased stability and perfect chip evacuation when combined with the HARD & TOUGH Nickel coating.





Easier to use

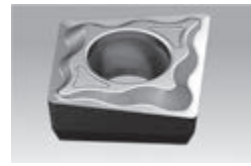
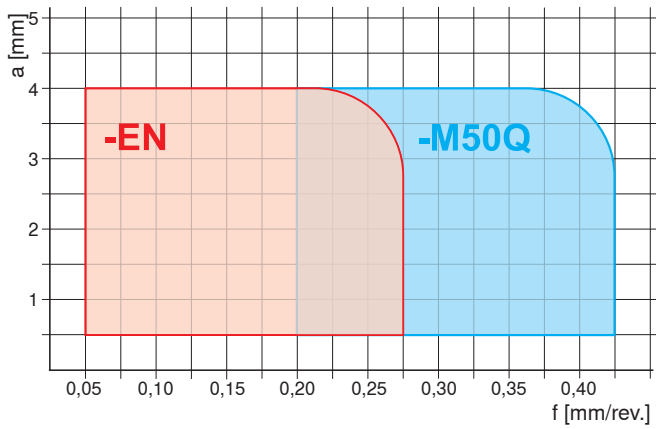
The new Torx-Plus screws provide more safety and improved transmission of the torque moment.

New variants EcoCut Classic

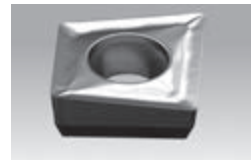
Type - variant	Drilling depth with tool diameter								
	8	10	12	14	16	18	20	25	32
1.5D 	12	15	18	21	24	27	30	37,5	48
2.25D 	18	22,5	27	31,5	36	40,5	45	56,5	72
3.0D 	24	30	36	42	48	54	60	75	96

New variants EcoCut Mini

Type - variant	Drilling depth with tool diameter				
	4	5	6	7	8
2.25D 	9	11,25	13,5	15,75	18
4D 	16	20	24	28	32



-EN – »the universal geometry«
– for most applications in the lower and medium feed range.



-M50Q – »the productive geometry« – with Masterfinish cutting edge to increase productivity or for high surface quality.

Universal application potential

EcoCut offers optimal geometries for all feed rate ranges and high surface quality.

More efficient production

EcoCut enhances your production time as set-up, machine setting and programming times have been reduced to a minimum. In this way you save time when changing the tool and achieve better utilisation of the machine. At the same time logistics and stock management are reduced.

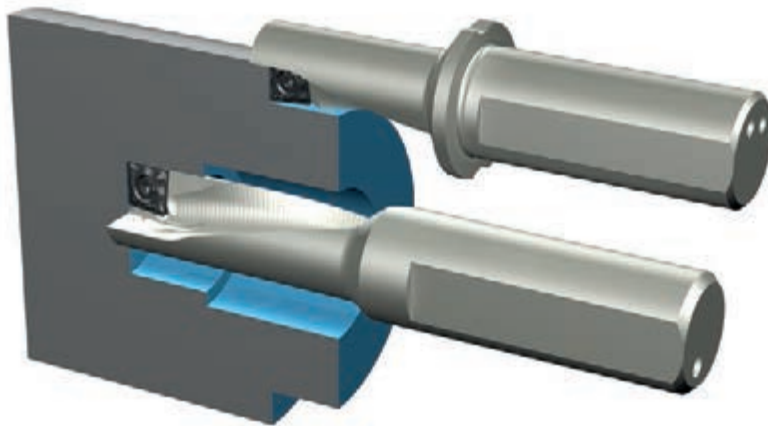
More extensive product range

The new versions of the EcoCut Classic insert tools and the solid carbide tools EcoCut Mini.



4 machining operations – 1 tool

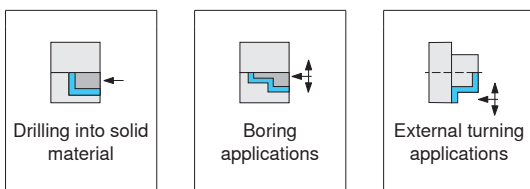
- Turning of face profiles, internal and external profiles as well as drilling into solid material
- Thanks to the multi-function tool, more turret positions on the machine are kept free
- Using EcoCut you will achieve larger depths of cut (a_p) compared to conventional boring bars



Material groups



Possible applications



Detailed information

Diameter / length ratio	Ø range	Inserts
1,5 x D	Ø 8 - 32 mm	XCET 04..
2,25 x D	Ø 4 - 32 mm	..
3 x D	Ø 8 - 32 mm	XCET 17..
4 x D	Ø 4 - 8 mm	