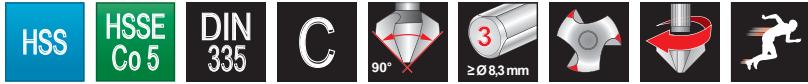




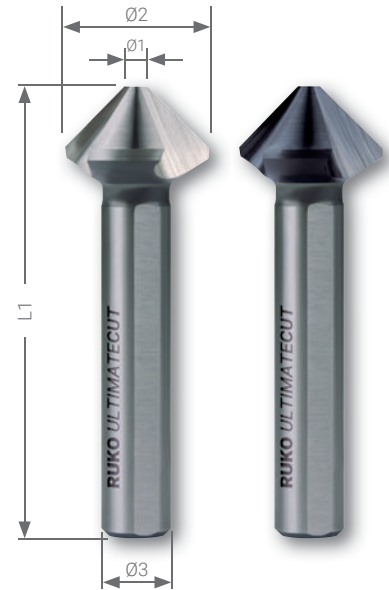
ULTIMATECUT

TECHNICALLY PERFECTED.



Taper and deburring countersinkers **ULTIMATECUT** (DIN 335) type C 90°

The newly developed cutting geometry of the ULTIMATECUT enormously reduces the axial and radial forces, which are affecting the tool during the countersinking. The variably running relief grinding was specially developed and ensures a very quiet countersinking procedure and a perfect surface quality, which guarantees the best results. (The new RUUnATEC coating further increases performance). The specially developed flute parameters, such as the angle, the transition radius as well as the extra-wide chip flute, ensure an optimal chip and heat removal and therefore enable a high wear resistance. Furthermore, the new geometry prevents material welding and reduces the countersinking force. Considerably less feed power while countersinking is now necessary. The materials can be handled either with a very high as well as with a very low cutting speed, without loss of quality/losing quality concerning the result. The ULTIMATECUT achieves the best performance in mostly all applications and materials!



Packing unit: in plastic tubes of 1



- + achieves the best performance in almost all materials and applications
- + considerably less feed force required
- + up to 60% longer service life
- + up to 30% faster countersinking
- + extremely quiet running
- + optimal and smooth surface
- + perfect chip removal

Steel (N/mm ²) < 900	■	■	■	■
Steel (N/mm ²) < 1100		□	■	■
Steel (N/mm ²) < 1300			□	■
Rust-resistant steel	□	■	■	■
Aluminium	■	■	■	■

Brass	■	■	■	■
Bronze	□	□	□	□
Plastics	■	■	■	■
Cast iron	□	□	□	□
Titanium alloyed				□

Ø2 mm	Ø1 mm	L1 mm	Ø3 mm	Countersinkings as per DIN 74	HSS	HSS RUUnATEC	HSSE Co 5	HSSE Co 5 RUUnATEC	
6,3	1,5	45,0	5,0	M 3	102 767	102 767 P	102 767 E	102 767 EP	1
8,3	2,0	50,0	6,0	M 4	102 771	102 771 P	102 771 E	102 771 EP	1
10,4	2,5	50,0	6,0	M 5	102 774	102 774 P	102 774 E	102 774 EP	1
12,4	2,8	56,0	8,0	M 6	102 776	102 776 P	102 776 E	102 776 EP	1
15,0	3,2	60,0	10,0	M 8	102 778	102 778 P	102 778 E	102 778 EP	1
16,5	3,2	60,0	10,0	M 8	102 779	102 779 P	102 779 E	102 779 EP	1
19,0	3,5	63,0	10,0	M10	102 780	102 780 P	102 780 E	102 780 EP	1
20,5	3,5	63,0	10,0	M10	102 781	102 781 P	102 781 E	102 781 EP	1
23,0	3,8	67,0	10,0	M12	102 782	102 782 P	102 782 E	102 782 EP	1
25,0	3,8	67,0	10,0	M12	102 783	102 783 P	102 783 E	102 783 EP	1
31,0	4,2	71,0	12,0	M16	102 785	102 785 P	102 785 E	102 785 EP	1





Taper and deburring countersinker sets **ULTIMATECUT**
(DIN 335) type C 90° in steel case

	HSS	HSS RUna TEC	HSSE Co 5	HSSE Co 5 RUna TEC
6-piece set of taper and deburring countersinkers ULTIMATECUT (DIN 335) type C 90° Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm	102 790	102 790 P	102 790 E	102 790 EP
5-piece set of taper and deburring countersinkers ULTIMATECUT (DIN 335) type C 90° Ø 6,3 - 10,4 - 16,5 - 20,5 - 25,0 mm	102 791	102 791 P	102 791 E	102 791 EP



Taper and deburring countersinker sets **ULTIMATECUT**
(DIN 335) type C 90° in plastic case

	HSS	HSS RUna TEC	HSSE Co 5	HSSE Co 5 RUna TEC
6-piece set of taper and deburring countersinkers ULTIMATECUT (DIN 335) type C 90° Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm	102 790 RO	102 790 PRO	102 790 ERO	102 790 EPRO
5-piece set of taper and deburring countersinkers ULTIMATECUT (DIN 335) type C 90° Ø 6,3 - 10,4 - 16,5 - 20,5 - 25,0 mm	102 791 RO	102 791 PRO	102 791 ERO	102 791 EPRO

