



# ULTIMATECUT<sup>®</sup> 4S

SPEED. SHARP. STRONG. SENSATIONAL.



**NEW**

FASCINATION  PRECISION<sup>®</sup>

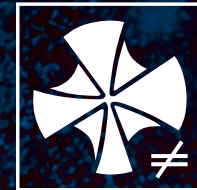


SPEED. SHARP. STRONG. SENSATIONAL.

NEW

# The **ULTIMATECUT**® countersinks **4S**

- Outright best performance when used in hand held drill machines and 'fixed' drill applications
- Significantly reduced feed force required
- Increased feed rates by up to 3x
- Extremely smooth running for mirror finish
- Perfectly circular chatterfree countersink holes – everytime



## Countersinking. Redesigned.

The unequal pitch of the new **ULTIMATECUT Countersink 4S** is a key component in the redesigning of the way countersink holes are made, through producing a smooth and extremely quiet cutting action, eliminating chatter marks and creating a perfectly circular hole. The cutting loads are distributed across 4 razor sharp cutting edges, significantly reducing the axial and radial forces, to reduce the wear and increase the life of the tool. This unique cutting action also enables the range of sizes available, to be comfortably and efficiently used to drill holes upto  $\varnothing$  40.0 mm using a hand held/pistol drill machines. Previously, this diameter countersink, was not possible with a hand held drill machine. The range from  $\varnothing$  10.4 mm through to the largest  $\varnothing$  40.0 mm, can be used efficiently and is recommended in all types of drilling machines.

The high performance RUKO coating – RUnaTEC is available as an option across the range of sizes and will further extend tool life for the **ULTIMATECUT Countersink 4S**, through reducing tool wear whilst providing the facility to machine more exotic materials, including tempered steel.

Information  
and videos



STANDARD 3 FLUTE COUNTERSINK



ULTIMATECUT® 4S COUNTERSINK

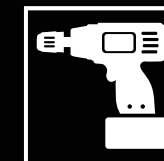




BEST PERFORMANCE IN ALL SUITABLE APPLICATIONS

# The **ULTIMATECUT**<sup>®</sup> countersinks **4S**

RUna  
TEC



## Revolutionary 4 cutting edges geometry

The unequal pitch ensures extremely smooth running and a frictionless result without chatter marks. By distributing the forces over the four cutting edges, the axial and radial forces are greatly reduced.



## 3-surface shank

Maximum power transmission with no slipping in the chuck. Positive fitment into drill chuck avoids need for re-tightening the chuck; saving time and effort.

RUna  
TEC

## RUKO nano Technology coating

- extremely high wear resistance
- applicable for normal and high-performance cutting
- no material welding
- perfect and smooth surface
- extremely high nano-hardness

Information  
and videos







## ULTIMATECUT® 4S

### ULTIMATECUT Taper and deburring countersinker 4S DIN 335, 90° in plastic box



The **ULTIMATECUT countersink 4S** is a high-performance tool that stands for best performance in all disciplines. The **ULTIMATECUT countersink 4S** can be optimally used in hand-held applications with the cordless screwdriver or a drill, in pillar drilling machines as well as in CNC-controlled machining centres.

Packing unit:  
in plastic box



Ø2 mm	Ø1 mm	L1 mm	Ø3 mm	Countersinkings as per DIN 74	HSS	HSS RUnaTEC	
10.4	2.5	50.0	6.0	M 5	102 874	102 874 P	1
12.4	2.8	56.0	8.0	M 6	102 876	102 876 P	1
15.0	3.2	60.0	10.0	M 8	102 878	102 878 P	1
16.5	3.2	60.0	10.0	M 8	102 879	102 879 P	1
19.0	3.5	63.0	10.0	M 10	102 880	102 880 P	1
20.5	3.5	63.0	10.0	M 10	102 881	102 881 P	1
23.0	3.8	67.0	10.0	M 12	102 882	102 882 P	1
25.0	3.8	67.0	10.0	M 12	102 883	102 883 P	1
31.0	4.2	71.0	12.0	M 16	102 885	102 885 P	1
40.0	5.2	80.0	12.0	-	102 894	102 894 P	1

### ULTIMATECUT Taper and deburring countersinker 4S HSS RUnaTEC, DIN 335, 90° in counter display



	HSS RUnaTEC
20-piece counter display <b>ULTIMATECUT</b> Countersink 4S HSS RUnaTEC DIN 335, 90°	107 110
<b>ULTIMATECUT</b> Countersink 4S 3x each Ø 10.4   12.4   16.5   20.5 mm 2x each Ø 25.0   31.0 mm	
2x <b>ULTIMATECUT</b> countersink set 4S - 6 pcs. Art. No. 102 890 PRO	
2x <b>ULTIMATECUT</b> countersink set 4S - 5 pcs. Art. No. 102 891 PRO	



## ULTIMATECUT® 4S

### ULTIMATECUT Taper and deburring countersinker 4S sets HSS DIN 335, 90° in plastic case



	HSS
6-piece set of <b>ULTIMATECUT</b> taper and deburring countersinkers 4S HSS DIN 335, 90° Ø 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm	102 890 RO
5-piece set of <b>ULTIMATECUT</b> taper and deburring countersinkers 4S HSS DIN 335, 90° Ø 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm	102 891 RO



### ULTIMATECUT Taper and deburring countersinker 4S sets HSS RUnaTEC DIN 335, 90° in plastic case



	HSS RUnaTEC
6-piece set of <b>ULTIMATECUT</b> taper and deburring countersinkers 4S HSS RUnaTEC DIN 335, 90° Ø 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm	102 890 PRO
5-piece set of <b>ULTIMATECUT</b> taper and deburring countersinkers 4S HSS RUnaTEC DIN 335, 90° Ø 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm	102 891 PRO



#### ULTIMATECUT High Performance Cutting Oil Spray, 300 ml - Item no. 101 012 U

- Excellent cutting and cooling effect, significantly increases tool life, even with hard and brittle materials.
- Ideal for twist drilling, thread tapping, reaming, countersinking.
- For use on common steels, high-alloy, stainless steels, chromium nickel steels, titanium and manganese-carbon steels.
- 100% pure active substance - Free from propellant gas, **no dangerous substance**.

# ULTIMATECUT<sup>®</sup>

The ultimate drilling experience.



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