

New Product Information

MaxiDrill 900 – programme extension

CERATIZIT \ Performance

2018-01

Our MaxiDrill 900 range has been expanded to include intermediate diameters for the 4xD and 5xD hole depths. This means that an even wider range of applications is now covered. This expansion to our product portfolio is in response to the most common expression of interest from our customers. It goes without saying that these new additions all meet our usual high quality standards and unbeatable performance so valued by customers.

Product range – expansion

18 items have been added to the holder range:



4xD

Designation	d ₁ (DC) mm	Article no.
C900.4D.125.R.03	12,5	10 854 125
C900.4D.135.R.03	13,5	10 854 135
C900.4D.145.R.04	14,5	10 854 145
C900.4D.155.R.04	15,5	10 854 155
C900.4D.165.R.05	16,5	10 854 165
C900.4D.175.R.05	17,5	10 854 175
C900.4D.185.R.06	18,5	10 854 185
C900.4D.195.R.06	19,5	10 854 195
C900.4D.205.R.06	20,5	10 854 205



5xD

Designation	d ₁ (DC) mm	Article no.
C900.5D.125.R.03	12,5	10 855 125
C900.5D.135.R.03	13,5	10 855 135
C900.5D.145.R.04	14,5	10 855 145
C900.5D.155.R.04	15,5	10 855 155
C900.5D.165.R.05	16,5	10 855 165
C900.5D.175.R.05	17,5	10 855 175
C900.5D.185.R.06	18,5	10 855 185
C900.5D.195.R.06	19,5	10 855 195
C900.5D.205.R.06	20,5	10 855 205

MaxiDrill 900 range overview – complete

Tool holder:

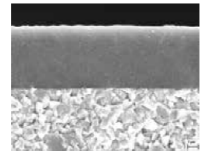
	2xD	3xD	4xD	5xD	
	d ₁ (DC) mm	d ₁ (DC) mm	d ₁ (DC) mm	d ₁ (DC) mm	
SONT 03...	12–13,5	12–13,5	12–13,5	12–13,5	NEW
SONT 04...	14–15,5	14–15,5	14–15,5	14–15,5	
SONT 05...	16–17,5	16–17,5	16–17,5	16–17,5	
SONT 06...	18–20,5	18–20,5	18–20,5	18–20,5	
SONT 07...	21–23	21–23,5	21–23	21–23	
SONT 08...	24–27	24–27,5	24–27	24–27	
SONT 09...	28–32	28–32	28–32	28–32	
SONT 10...	33–36	32,5–36,5	33–36	33–36	
SONT 12...	37–41	37–41	37–41	37–41	
SONT 13...	42–46	42–46	42–46		
SONT 15...	47–54	47–54	47–54		
SONT 17...	55–63	55–63			

- Total of 229 items available as standard
- Drills with diameters over 63 mm and inch tools are available on request.

Indexable inserts:

CTPP430:

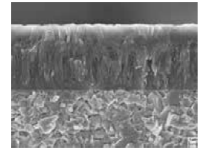
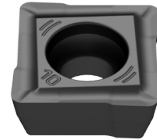
CTPP430 is a grade of PVD that combines toughness and wear resistance. This grade is suitable for use on a wide range of materials.



CTCP420*:

The TiCN/Al₂O₃ coating on the CTCP420 CVD highperformance grades give them a high degree of temperature and wear resistance.

This grade is ideal for machining steel and cast iron materials at high cutting speeds.



* CTCP420 is exclusively recommended for application on the peripheral cutting edge!

Eccentric sleeves:

Using eccentric sleeves, the bore diameter can be varied and adjusted with ease by +/- 0.3 mm.

Two types of eccentric sleeve are available:

One for use with the new indexable insert drill adapter and one for use with standard Weldon adapters.

The difference lies in the design and position of the grooves for the adapter's clamping screws.

There are four sizes per type, which are tailored to the MaxiDrill 900 shank diameter.

	Article no.	Designation	MaxiDrill shank diameter mm	Holder adapter diameter mm
Indexable insert drill adapter	10 870 120	EHB.D20.D25	20	25
	10 870 125	EHB.D25.D32	25	32
	10 870 132	EHB.D32.D40	32	40
	10 870 140	EHB.D40.D50	40	50
Weldon	10 871 120	EHW.D20.D25	20	25
	10 871 125	EHW.D25.D32	25	32
	10 871 132	EHW.D32.D40	32	40
	10 871 140	EHW.D40.D50	40	50



Adapters for indexable insert drills:

- Streamlined design
- Ground face contact surface guarantees perfect attachment between tool and holder for optimum performance
- High balance quality
- Total of 25 items for SK, MAS-BT and HSK-A



Sales support

- Prices and availability in the e-techstore
- See in chapter D on page D39–D42 in the catalogue CUTTING TOOLS 2016 for cutting data standard values