

## DIAMOND CUTOFF WHEELS FOR CONSTRUCTION SITES

### LOGLIFE & SPEED SD DIAMOND CUTOFF WHEELS



#### Features:

- Versatility: ●●●○
- Service life: ●●●●
- Cutting speed: ●●●●
- Cutting quality: ●●●○

For dry and wet cutting



#### Delivery overview:

#### Angle Grinders/Wall Slitting Cutters

Dia. in mm	Hole in mm	Segment height in mm	Segment thickness in mm	No. of segments	Segment connec.	max. rpm	Art. No.	P. Qty.
115*	22.23	12	2.2	9	Laser	13,300	<b>5526 660 115</b>	1
125*	22.23	12	2.2	10	Laser	12,200	<b>5526 660 125</b>	1
130*	22.23	12	2.2	10	Laser	11,800	<b>5526 660 130</b>	1
140*	22.23	12	2.2	11	Laser	10,900	<b>5526 660 140</b>	1
150*	22.23	12	2.4	12	Laser	10,200	<b>5526 660 150</b>	1
180*	22.23	14	2.4	14	Laser	18,500	<b>5526 660 180</b>	1
230*	22.23	14	2.4	16	Laser	16,600	<b>5526 660 230</b>	1

\* Max. circumferential speed 80 m/s

#### Hand-Held and Joint Cutters

Dia. in mm	Hole in mm	Segment height in mm	Segment thickness in mm	No. of segments	Segment connec.	max. rpm	Art. No.	P. Qty.
300*	20.0	14	2.8	19	Laser	6,400	<b>5526 660 300</b>	1
300*	25.4**	14	2.8	19	Laser	6,400	<b>5526 660 305</b>	1
350*	20.0	14	3.2	23	Laser	5,400	<b>5526 660 350</b>	1
350*	25.4**	14	3.2	23	Laser	5,400	<b>5526 660 355</b>	1

\* Max. circumferential speed 100 m/s

\*\* With driver hole

**Stationary Saws/Table Saws** Also equipped with sandwich carriers (with an integrated copper film) for noise reduction by up to 15 dB (subjective perception of the user: halving of the noise level).

Dia. in mm	Hole in mm	Segment height in mm	Segment thickness in mm	No. of segments	Segment connec.	max. rpm	Art. No.	P. Qty.
300*	30/25.4**	14	2.8	19	Laser	4,050	<b>5526 660 303</b>	1
350*	30/25.4**	14	3.2	23	Laser	3,450	<b>5526 660 353</b>	1

\* Max. circumferential speed 63 m/s

\*\* With pressed-in reducing ring from 30 to 25.4 mm

#### Frequent applications (see table of diamond cutoff wheels for additional applications)



Old concrete, concrete



Washed concrete



Concrete, reinforced (up to 25 mm)



Interlocking paving stones



Concrete roofing tiles/pantiles



Concrete piping



Sand-lime brick, soft/hard



Granite, soft/hard



Marble



Earthenware, duct. cast iron pipes



Clinker bricks, soft/hard



Clay bricks, hard



Poroton, hard



Screed

#### Construction site

The high-tech diamond cutoff wheel with an extremely long service life and a very high cutting speed for all construction trades.

#### Patented SD technology (structured diamonds)

- For up to 70% higher cutting capacity and service life compared to the competition.
- The special even orientation of the diamonds ensures that there are always sufficient diamonds on the surface, resulting in a clean, fast cut.
- In addition, the even orientation of the diamonds provides for a permanently optimum utilization of the entire cutting width.

#### Less resistance in the material

- Compared to the competition, the approx. 10% narrower segments prevent unnecessary friction losses.

#### This also results in a longer service life due to 40% higher segments

- Instead of the usual 10 mm up to 14 mm segment height with effectively 40% more cutting diamonds.

#### Optimized dust removal and cooling

- The fan segments feed in cooling air and transport the dust out of the cut. Special cooling openings with an "arrow arrangement" serve as additional cooling and as a captive running direction indicator.

#### Smoother running and more pleasant working conditions

- PTFE-filled slits absorb unchecked vibrations and unpleasant running noises.