

DIAMOND CUTOFF WHEEL "LONGLIFE HARD MATERIAL"



Properties:

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	Number of segments	Segment connec.	Max. rpm	Art. No.	P. Qty.
115*	22.23	12	2.4	9	Laser	13,300	5526 700 115	1
125*	22.23	12	2.4	10	Laser	12,200	5526 700 125	1
130*	22.23	12	2.4	10	Laser	11,800	5526 700 130	1
150*	22.23	12	2.6	12	Laser	10,200	5526 700 150	1
180*	22.23	12	2.6	14	Laser	8,500	5526 700 180	1
230*	22.23	12	2.6	16	Laser	6,600	5526 700 230	1

* Max. circumferential speed 80 m/s

Common applications (see table of diamond cutoff wheels for additional applications):



Concrete, reinforced (up to 25 mm)



Washed concrete



Sand-lime brick



Granite, hard



Clinker bricks



Clay brick, hard

Granite

Hard material

The diamond cutoff wheel specially designed for hard materials in building construction, civil engineering and all related trades working with comparable materials. Very economical thanks to an extremely long service life!

X-shape

The X-shaped ridges of the segment sides extend service life considerably. They reduce the lateral contact surface of the segment in the material. This results in less friction and thus considerably less heat generation and strain on the segments. At the same time, the X structure increases the effectively active cutting surface, thereby distributing the load more evenly. The increased activecutting surface also enables comparatively quick cutting for a wheel that is optimized for service life.



Cutting edge of conventional turbo wheels



Cutting edge of a wheel with X-Shape

Optimum bond for hard materials

The diamond bond is specially designed for hard materials and thus ensures optimum support of the diamonds from the first cut to the last cut.

Smoother running and more pleasant working

PTFE-filled slots, the so-called "silent holes", reduce unchecked vibrations and unpleasant running noises.

Secure direction indication

The ventilation holes are arranged as arrows which are still visible and unmistakable even after a long period of use.