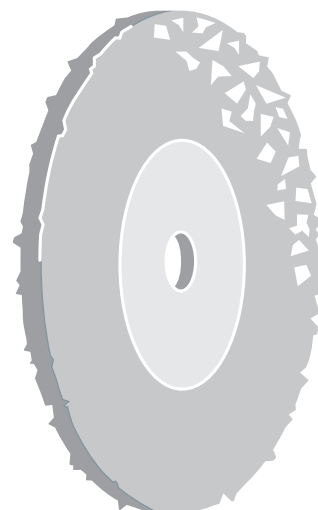


Tungsten carbide granulate-tipped tools

164 Technical Information

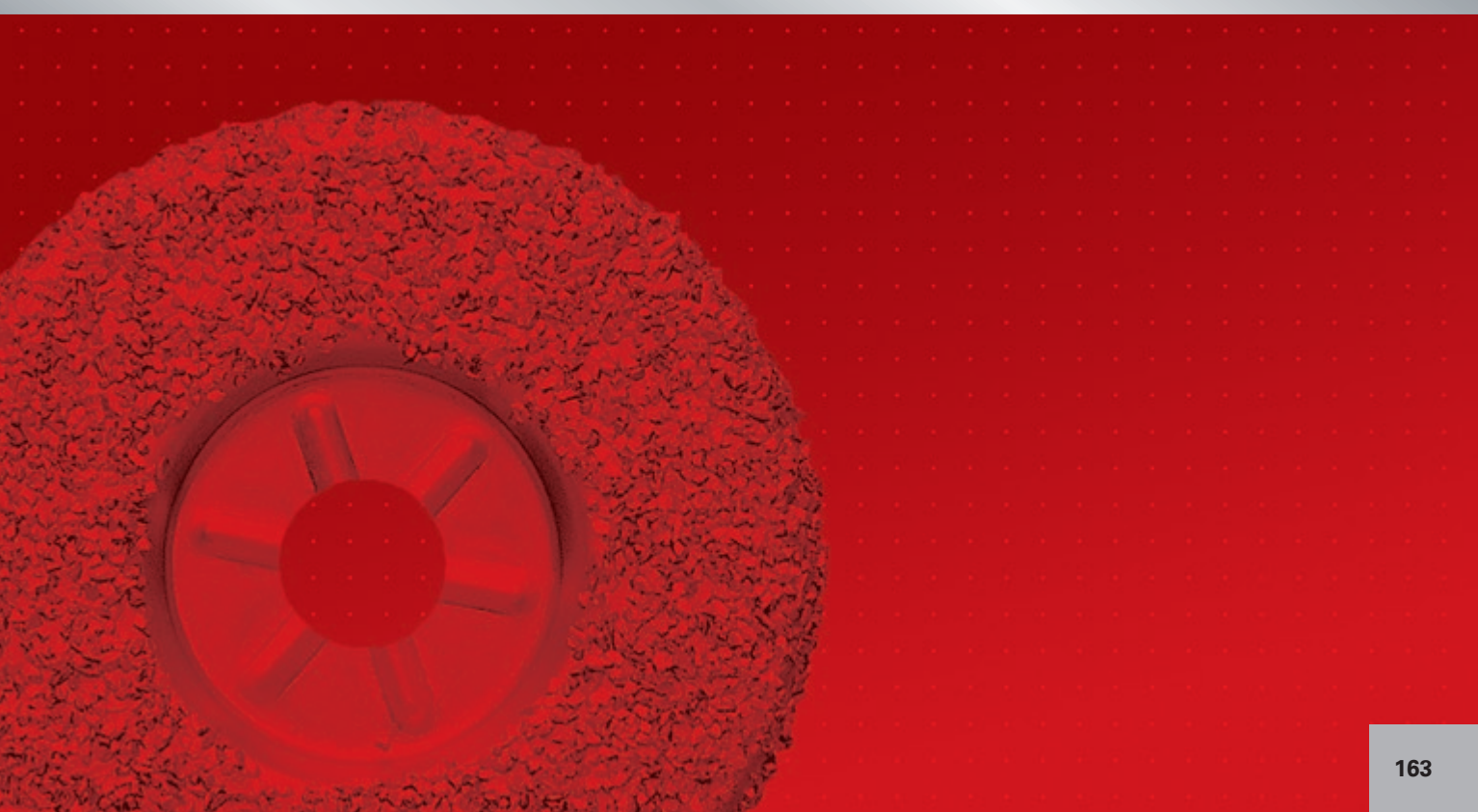
165 HGW-discs

165 HGW-core drills



Product line marking

The product lines are illustrated by star symbols at the top of the table; please refer to page **14** and **15**.



Technical Information

HGW is supplied in a wide range of grit sizes – very coarse to extra fine – and in both a dense and open structure. Please select the individual grit sizes from the table below.



Application examples

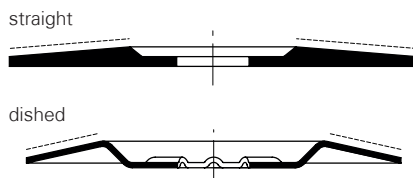
Coarse grit is used to grind soft materials; the harder the material, the finer the grit. A special manufacturing process is used to bond the grit to the core. Special coatings are available, but are dependent upon a wide variety of technical parameters. Please send your enquiry.

Safety regulations

We strongly recommend that use is made of machines with variable speeds in order to optimize cutting speeds; this will lie between 10-50 m/sec., depending on the material to be ground.



Tungsten Carbide Granulate-tipped disc, HGWT



Ordering example: A18031151E

Further dimensions and grits on request



PG 3

Product number	Description	Grit	Type	Diameter mm	Bore mm	n max. (1/min)	recommended for				Information on page 438	PG 3		
A18031151E	HGWT 115 S	0,3–0,5 E	dished	115	22,2	10.500					8	9	■	1
A18031152E	HGWT 115 S	0,8–1,2 E	dished	115	22,2	10.500					8	9	■	1
A18031153E	HGWT 115 S	1,2–1,8 E	dished	115	22,2	10.500					8	9	■	1
A18031255E	HGWT 125 S	2,5–3,0 E	straight	125	22,2	9.600					8	9	■	1

Core Drill-Set



Ordering example: A18300012E



PG 3

Product number	Description	Grit	Description	recommended for	Information on page 438	PG 3					
A18300012E	HGWB-Set	0,8–1,2 E	4 core drills Ø 33, 53, 63, 73 mm, including base plate, carbide center point and hexagonal shank (SW9)					8	9	■	1