

Information

Abrasive Discs, quick-change type, PSG/PSR

LUKAS-Abrasive discs- PSG/PSR- are designed for quick mounting; a quick locking metal centre is integrated into the backing of the abrasive disc. A quick twisting movement secures the disc to the mandrel. The PSG abrasive disc provides us with the most comprehensive selection in this product group. A choice of diameter, different grit sizes and qualities covering every imaginable application, helps solve your particular grinding problem.

Abrasive Discs, self-adhesive PSK

LUKAS abrasive discs PSK are self-adhesive. The adhesive backing of the disc is covered with a protective foil; after the removal of the foil the disc can be fixed to the rubber mandrel. The self-adhesive LUKAS abrasive discs can be used on a wide variety of surfaces. After the removal of the disc from the backing, the disc cannot be re-used. The self-adhesive discs are available in various grit sizes of regular aluminium oxide (NK) as detailed on following pages.

Abrasive Discs, self-fixing PSH

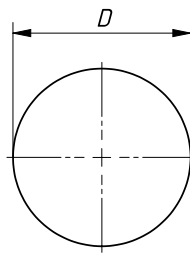
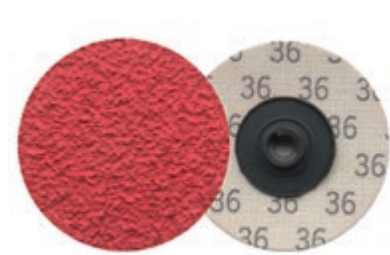
LUKAS abrasive discs PSH are self-fixing. The back face and the front face of the rubber mandrel are coated with Velcro. The self-fixing LUKAS abrasive discs can be used on both flat and curved surfaces. Due to the velcro fixing, a partly worn disc can easily be removed and re-used at a later date. The self-fixing abrasive discs are available in various grit sizes of regular aluminium oxide (NK), as detailed on following pages.



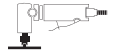
PSG, Qualities and Applications

Quality		Characteristics	Applications	Page
 NK	Abrasive cloth with reg. Aluminium Oxide	tough grain	Universal grinding and deburring	314
 NKE	Abrasive cloth using reg. Aluminium Oxide with special coating	tough grain	Due to the reinforcement suited even for highest demands and edge working.	315
 ZK	Abrasive cloth with Zirconia Alum. Oxide	very tough and resilient grain	Ideal for Hastelloy, Inconel, stainless steels and all metals difficult to machine.	313
 Z POWER	Zirconia Alum. Oxide with active grinding additives	optimum stock removal rate, excellent tool life	Ideal for stainless. Special tosize coating prevents clogging.	313
 Ceramic	Abrasive cloth ceramic grain	optimum stock removal rate without shredding of grain. Very stable due to reinforced backing. Cool cutting	Ideal for stainless and nickel alloys.	312
 SIC	Abrasive cloth with Silicon carbide	cool cutting; special quality for the aircraft industry	Ideal for titanium, titanium alloys and aluminium (aerospace industry). Also suitable for plastic and ceramic materials.	315
	Fleece Reg. Aluminium oxide coarse/brown	Polishing effect through the fibre structure, constant working results due to steadily discharge of abrasive particles. Outstanding tool life.	Ideal for removing rust or paint, scratches and pre-machining marks. A general improvement of the surface finish.	316
	medium/red-brown			
	fine/blue			

PSG, Abrasive Discs, quick-change, Ceramic grain



Ordering example: A3379038036

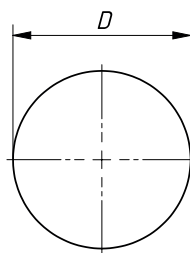
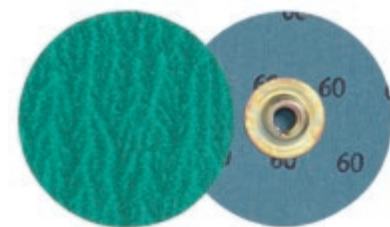


PG 8

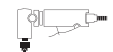
Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for							Information on page 438	Icon	
						2	3	4	5	7	8	9			10
A3379038036	PSG 038	Ceramic 36	38	30.000	GTG 038	2	3	4	5	7				■	100
A3379038060	PSG 038	Ceramic 60	38	30.000	GTG 038	2	3	4	5	7				■	100
A3379038080	PSG 038	Ceramic 80	38	30.000	GTG 038	2	3	4	5	7				■	100
A3379038120	PSG 038	Ceramic 120	38	30.000	GTG 038	2	3	4	5	7				■	100
A3379050036	PSG 050	Ceramic 36	50	30.000	GTG 038 and GTG 050	2	3	4	5	7				■	100
A3379050060	PSG 050	Ceramic 60	50	30.000	GTG 038 and GTG 050	2	3	4	5	7				■	100
A3379050080	PSG 050	Ceramic 80	50	30.000	GTG 038 and GTG 050	2	3	4	5	7				■	100
A3379050120	PSG 050	Ceramic 120	50	30.000	GTG 038 and GTG 050	2	3	4	5	7				■	100
A3379075036	PSG 075	Ceramic 36	75	20.000	GTG 075	2	3	4	5	7				■	50
A3379075060	PSG 075	Ceramic 60	75	20.000	GTG 075	2	3	4	5	7				■	50
A3379075080	PSG 075	Ceramic 80	75	20.000	GTG 075	2	3	4	5	7				■	50
A3379075120	PSG 075	Ceramic 120	75	20.000	GTG 075	2	3	4	5	7				■	50

Grinding, Polishing (flexible)

PSG, Abrasive Discs, quick-change, Zirconia Alum. Oxide with active grinding additives



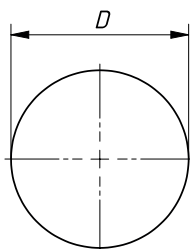
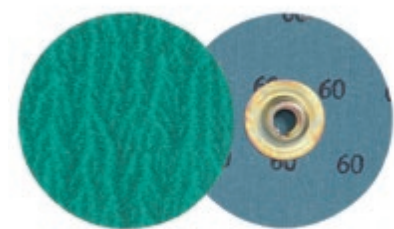
Ordering example: A3377038036



PG 8

Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for							Information on page 438	Icon		
						1	2	3	4	5	7	8			9	10
A3377038036	PSG 038	Z Power 36	38	30.000	GTG 038	1	2	3	4	5	7				■	100
A3377038060	PSG 038	Z Power 60	38	30.000	GTG 038	1	2	3	4	5	7				■	100
A3377038080	PSG 038	Z Power 80	38	30.000	GTG 038	1	2	3	4	5	7				■	100
A3377038120	PSG 038	Z Power 120	38	30.000	GTG 038	1	2	3	4	5	7				■	100
A3377050036	PSG 050	Z Power 36	51	30.000	GTG 038 and GTG 050	1	2	3	4	5	7				■	100
A3377050060	PSG 050	Z Power 60	51	30.000	GTG 038 and GTG 050	1	2	3	4	5	7				■	100
A3377050080	PSG 050	Z Power 80	51	30.000	GTG 038 and GTG 050	1	2	3	4	5	7				■	100
A3377050120	PSG 050	Z Power 120	51	30.000	GTG 038 and GTG 050	1	2	3	4	5	7				■	100

PSG, Abrasive Discs, quick-change, Zirconia Alum. Oxide with active grinding additives



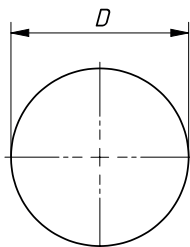
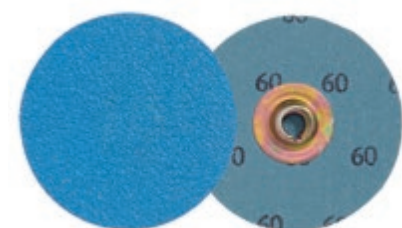
Ordering example: A3377038036



PG 8

Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for Information on page 438		
A3377075036	PSG 075	Z Power 36	76	20.000	GTG 075	1 2 3 4 5 7	■	50
A3377075060	PSG 075	Z Power 60	76	20.000	GTG 075	1 2 3 4 5 7	■	50
A3377075080	PSG 075	Z Power 80	76	20.000	GTG 075	1 2 3 4 5 7	■	50
A3377075120	PSG 075	Z Power 120	76	20.000	GTG 075	1 2 3 4 5 7	■	50

PSG, Abrasive Discs, quick-change, Zirconia Alum. Oxide



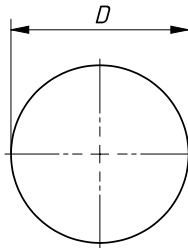
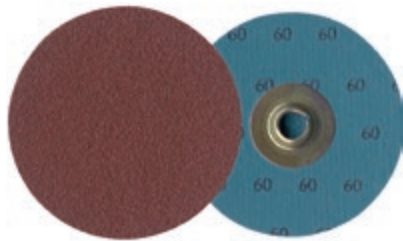
Ordering example: A3353025060



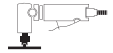
PG 8

Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for Information on page 438		
A3353025060	PSG 025	ZK 60	25	40.000	GTG 025	1 2 3 4 5 7	■	100
A3353025080	PSG 025	ZK 80	25	40.000	GTG 025	1 2 3 4 5 7	■	100
A3353038060	PSG 038	ZK 60	38	30.000	GTG 038	1 2 3 4 5 7	■	100
A3353038080	PSG 038	ZK 80	38	30.000	GTG 038	1 2 3 4 5 7	■	100
A3353050036	PSG 050	ZK 36	51	30.000	GTG 038 and GTG 050	1 2 3 4 5 7	■	100
A3353050060	PSG 050	ZK 60	51	30.000	GTG 038 and GTG 050	1 2 3 4 5 7	■	100
A3353050080	PSG 050	ZK 80	51	30.000	GTG 038 and GTG 050	1 2 3 4 5 7	■	100
A3353075036	PSG 075	ZK 36	76	20.000	GTG 075	1 2 3 4 5 7	■	50
A3353075060	PSG 075	ZK 60	76	20.000	GTG 075	1 2 3 4 5 7	■	50
A3353075080	PSG 075	ZK 80	76	20.000	GTG 075	1 2 3 4 5 7	■	50

PSG, Abrasive Discs, quick-change, reg. Aluminium Oxide



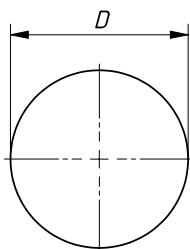
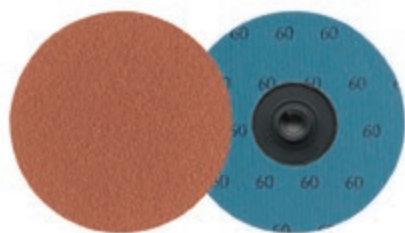
Ordering example: A3351020060



PG 8

Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for Information on page 438		
A3351020060	PSG 020	NK 60	19	40.000	GTG 020	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351020080	PSG 020	NK 80	19	40.000	GTG 020	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351020120	PSG 020	NK 120	19	40.000	GTG 020	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351025036	PSG 025	NK 36	25	40.000	GTG 025	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351025060	PSG 025	NK 60	25	40.000	GTG 025	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351025080	PSG 025	NK 80	25	40.000	GTG 025	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351025120	PSG 025	NK 120	25	40.000	GTG 025	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351038036	PSG 038	NK 36	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351038060	PSG 038	NK 60	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351038080	PSG 038	NK 80	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351038120	PSG 038	NK 120	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351038180	PSG 038	NK 180	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351038240	PSG 038	NK 240	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351050036	PSG 050	NK 36	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351050050	PSG 050	NK 50	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351050060	PSG 050	NK 60	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351050080	PSG 050	NK 80	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351050120	PSG 050	NK 120	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351050180	PSG 050	NK 180	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351050240	PSG 050	NK 240	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3351075036	PSG 075	NK 36	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3351075060	PSG 075	NK 60	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3351075080	PSG 075	NK 80	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3351075120	PSG 075	NK 120	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3351075180	PSG 075	NK 180	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50

Grinding, Polishing
(flexible)

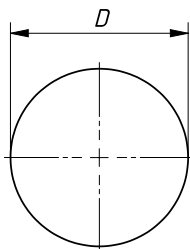
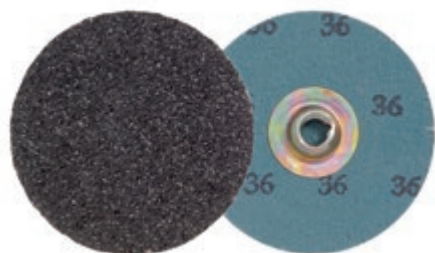
PSG, Abrasive Discs, quick-change, reg. Aluminium Oxide with special coating


Ordering example: A3352025060



								PG 8	
Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for			
							Information on page 438		
A3352025060	PSG 025	NKE 60	25	40.000	GTG 025	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352025080	PSG 025	NKE 80	25	40.000	GTG 025	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352025120	PSG 025	NKE 120	25	40.000	GTG 025	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352025180	PSG 025	NKE 180	25	40.000	GTG 025	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352025240	PSG 025	NKE 240	25	40.000	GTG 025	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352038060	PSG 038	NKE 60	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352038080	PSG 038	NKE 80	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352038120	PSG 038	NKE 120	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352050036	PSG 050	NKE 36	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352050060	PSG 050	NKE 60	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352050080	PSG 050	NKE 80	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352050120	PSG 050	NKE 120	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352050180	PSG 050	NKE 180	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352050240	PSG 050	NKE 240	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		100
A3352075060	PSG 075	NKE 60	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		50
A3352075080	PSG 075	NKE 80	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■		50

Grinding, Polishing (flexible)

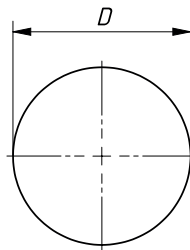
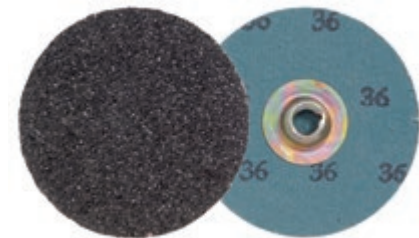
PSG, Abrasive Discs, quick-change, Silicon carbide


Ordering example: A3378038036

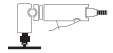


								PG 8	
Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for			
							Information on page 438		
A3378038036	PSG 038	SIC 36	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■		100
A3378038060	PSG 038	SIC 60	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■		100
A3378038080	PSG 038	SIC 80	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■		100

PSG, Abrasive Discs, quick-change, Silicon carbide



Ordering example: A3378038036

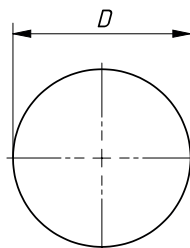
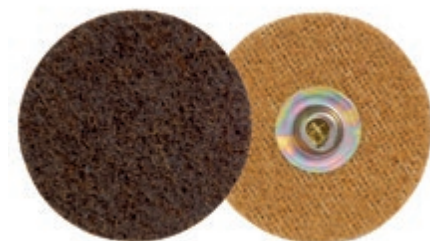


PG 8

Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for Information on page 438		
A3378038120	PSG 038	SIC 120	38	30.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A3378050036	PSG 050	SIC 36	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A3378050060	PSG 050	SIC 60	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A3378050080	PSG 050	SIC 80	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A3378050120	PSG 050	SIC 120	51	30.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A3378075036	PSG 075	SIC 36	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	50
A3378075060	PSG 075	SIC 60	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	50
A3378075080	PSG 075	SIC 80	76	20.000	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	50

Grinding, Polishing
(flexible)

PSG, Abrasive discs, quick-change, Fleece Reg. Aluminium oxide



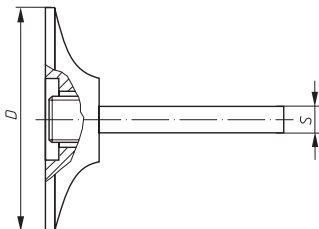
Ordering example: A3374038002



PG 8

Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for Information on page 438		
A3374038005	PSG 038	Fleece fine	38	10.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3374038004	PSG 038	Fleece coarse	38	10.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3374038002	PSG 038	Fleece medium	38	10.000	GTG 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3374050005	PSG 050	Fleece fine	50	8.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3374050004	PSG 050	Fleece coarse	50	8.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3374050002	PSG 050	Fleece medium	50	8.000	GTG 038 and GTG 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3374075005	PSG 075	Fleece fine	75	5.500	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25
A3374075004	PSG 075	Fleece coarse	75	5.500	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25
A3374075002	PSG 075	Fleece medium	75	5.500	GTG 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25

GTG, Mandrels for quick-change abrasive discs



Ordering example: A33500200026

n_{max} : please also refer to Abrasive discs, PSG, page 312–316

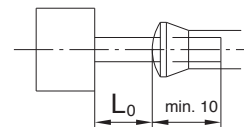


PG 8

Product number	Description	D mm	S mm	Type	n max. (1/min)	recommended for	Information on page 438		PG 8	
A33500200026	GTG 020.06	18	6	Medium	40.000				■	1
A33500250026	GTG 025.06	23	6	Medium	40.000				■	1
A33500380026	GTG 038.06	33	6	Medium	25.000				■	1
A33500500026	GTG 050.06	45	6	Medium	25.000				■	1
A33500500036	GTG 050.06	45	6	Hard	30.000				■	1
A33500750026	GTG 075.06	70	6	Medium	20.000				■	1
A33500750036	GTG 075.06	70	6	Hard	20.000				■	1


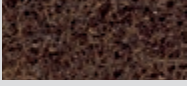


The mandrels are supplied in a **medium** hardness for universal application. For severe applications (when using Z Power and Ceramic please use **hard** quality mandrels.

The stated maximum operating speed is calculated using the maximum mandrel diameter and maximum overhang L_0 of 5 mm. For other overhangs and smaller mandrel diameters, the maximum operating speed must be re-calculated.



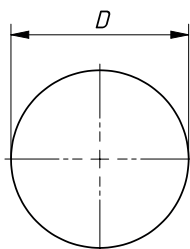
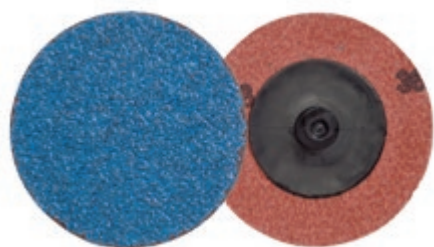
Grinding, Polishing (flexible)

PSR, Qualities and Applications

Quality	Characteristics	Applications	Page	
	Abrasive cloth with Zirconia Alum. Oxide	very tough and resilient grain	Ideal for hastelloy, inconel, stainless and steels difficult to machine.	313
ZK				
	Fleece Reg. Aluminium oxide coarse/brown	Polishing effect through the fibre structure, constant working results due to steadily discharge of abrasive particles. Outstanding tool life.	Ideal for removing rust or paint, scratches and pre-machining marks. A general improvement of the surface finish.	316
	medium/red-brown			
	fine/blue			

Grinding, Polishing (flexible)

PSR, Abrasive Discs with plastic thread, quick-change



Ordering example: A3363038060

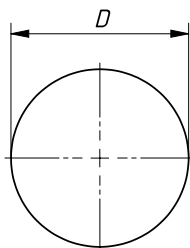


PG 8

Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for Information on page 438		
A3363038060	PSR 038	ZK 60	38	30.000	GTR 038	① ② ③ ④ ⑤ ⑦	■	100
A3363038080	PSR 038	ZK 80	38	30.000	GTR 038	① ② ③ ④ ⑤ ⑦	■	100
A3363050036	PSR 050	ZK 36	51	30.000	GTR 038 and GTR 050	① ② ③ ④ ⑤ ⑦	■	100
A3363050060	PSR 050	ZK 60	51	30.000	GTR 038 and GTR 050	① ② ③ ④ ⑤ ⑦	■	100
A3363050080	PSR 050	ZK 80	51	30.000	GTR 038 and GTR 050	① ② ③ ④ ⑤ ⑦	■	100
A3363075036	PSR 075	ZK 36	76	20.000	GTR 075	① ② ③ ④ ⑤ ⑦	■	50
A3363075060	PSR 075	ZK 60	76	20.000	GTR 075	① ② ③ ④ ⑤ ⑦	■	50
A3363075080	PSR 075	ZK 80	76	20.000	GTR 075	① ② ③ ④ ⑤ ⑦	■	50

 Grinding, Polishing
(flexible)

PSR, Abrasive Discs with plastic thread, quick-change heavy duty fleece



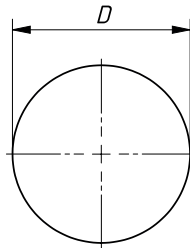
Ordering example: A3375038002



PG 8

Product number	Description	Quality/Grit	D mm	n max. (1/min)	Suitable carriers	recommended for Information on page 438		
A3375038005	PSR 038	Fleece fine	38	10.000	GTR 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3375038002	PSR 038	Fleece medium	38	10.000	GTR 038	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3375050004	PSR 050	Fleece coarse	51	8.000	GTR 038 and GTR 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3375050005	PSR 050	Fleece fine	51	8.000	GTR 038 and GTR 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3375050002	PSR 050	Fleece medium	51	8.000	GTR 038 and GTR 050	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	50
A3375075004	PSR 075	Fleece coarse	76	5.500	GTR 038, GTR 050 and GTR 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25
A3375075005	PSR 075	Fleece fine	76	5.500	GTR 038, GTR 050 and GTR 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25
A3375075002	PSR 075	Fleece medium	76	5.500	GTR 038, GTR 050 and GTR 075	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	25

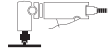
SLTG, Flap Disc, quick-change type



Ordering example: A33310500401623

v_{max.}: 50 m/s

ZK = Zirconia Alum. Oxide



PG 8

Product number	Description	Grit	D mm	n max. (1/min)	Suitable carriers	recommended for	Information on page 438		
A33310500401623	SLTG 050 R	ZK 40	50	19.000	GTR 038.06	1 2 3 4 5 7		■	10
A33310500601623	SLTG 050 R	ZK 60	50	19.000	GTR 038.06	1 2 3 4 5 7		■	10
A33310500801623	SLTG 050 R	ZK 80	50	19.000	GTR 038.06	1 2 3 4 5 7		■	10
A33310501201623	SLTG 050 R	ZK 120	50	19.000	GTR 038.06	1 2 3 4 5 7		■	10
A33310650401623	SLTG 065 R	ZK 40	65	14.700	GTR 050.06	1 2 3 4 5 7		■	10
A33310650601623	SLTG 065 R	ZK 60	65	14.700	GTR 050.06	1 2 3 4 5 7		■	10
A33310650801623	SLTG 065 R	ZK 80	65	14.700	GTR 050.06	1 2 3 4 5 7		■	10
A33310750401623	SLTG 075 R	ZK 40	75	12.700	GTR 050.06	1 2 3 4 5 7		■	10
A33310750601623	SLTG 075 R	ZK 60	75	12.700	GTR 050.06	1 2 3 4 5 7		■	10
A33310750801623	SLTG 075 R	ZK 80	75	12.700	GTR 050.06	1 2 3 4 5 7		■	10
A33310751201623	SLTG 075 R	ZK 120	75	12.700	GTR 050.06	1 2 3 4 5 7		■	10

Properties:

- excellent cutting action
- aggressive, even with minimum grinding pressure
- long tool life (compared to fibre discs)
- lamellar projection
- flexible

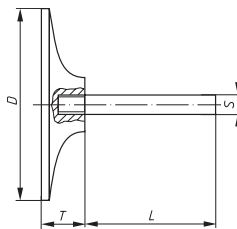
Application:

- deburring
- fettling
- rust removal
- finishing
- cleaning of weld seams

Grinding, Polishing (flexible)

GTR, Mandrels for quick-change abrasive discs and SLTG with plastic thread

★★☆



Ordering example: A33600380026

n_{max} : please also refer to Abrasive discs, PSR, page 319 and flap disc SLTG, page 320

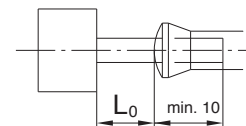


PG 8

Product number	Description	D mm	S mm	Type	n max. (1/min)	recommended for	Information on page 438		
A33600380026	GTR 038.06	33	6	medium	25.000				■ 1
A33600500026	GTR 050.06	45	6	medium	25.000				■ 1
A33600750026	GTR 075.06	70	6	medium	20.000				■ 1

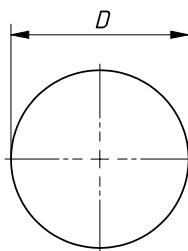
The mandrels are supplied with a hardness for universal application; our **medium** type is suitable for nearly all applications.

The stated maximum operating speed is calculated using the maximum mandrel diameter and maximum overhang L_0 of 5 mm. For other overhangs and smaller mandrel diameters, the maximum operating speed must be re-calculated.



Grinding, Polishing (flexible)

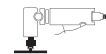
PSK, Abrasive Discs, self-adhesive, Silicon carbide



Ordering example: A2305018080

n_{max} : please refer to the mandrels self-adhesive GTK, page 323

SIC = Silicon carbide

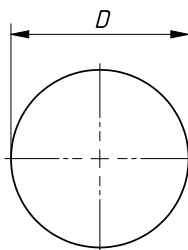


PG 8

Product number	Description	Grit	D mm	recommended for Information on page 438		
A2305018080	PSK 018	SIC 80	21	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A2305018120	PSK 018	SIC 120	21	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A2305030060	PSK 030	SIC 60	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A2305030080	PSK 030	SIC 80	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A2305030120	PSK 030	SIC 120	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A2305045060	PSK 045	SIC 60	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100
A2305045120	PSK 045	SIC 120	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	■	100

Grinding, Polishing
(flexible)

PSK, Abrasive Discs, self-adhesive, reg. Aluminium Oxide



Ordering example: A2300018060

n_{max} : please refer to the mandrels self-adhesive GTK, page 323

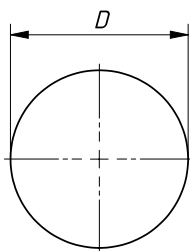
NK = reg. Aluminium Oxide



PG 8

Product number	Description	Grit	D mm	recommended for Information on page 438		
A2300018060	PSK 018	NK 60	21	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300018080	PSK 018	NK 80	21	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300018120	PSK 018	NK 120	21	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300018150	PSK 018	NK 150	21	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300018180	PSK 018	NK 180	21	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300018240	PSK 018	NK 240	21	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300030060	PSK 030	NK 60	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300030080	PSK 030	NK 80	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300030120	PSK 030	NK 120	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300030150	PSK 030	NK 150	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300030180	PSK 030	NK 180	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300030240	PSK 030	NK 240	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100

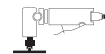
PSK, Abrasive Discs, self-adhesive, reg. Aluminium Oxide



Ordering example: A2300018060

n_{max} : please refer to the mandrels self-adhesive GTK, page 323

NK = reg. Aluminium Oxide

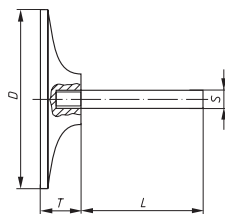


PG 8

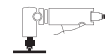
Product number	Description	Grit	D mm	recommended for Information on page 438		
A2300045060	PSK 045	NK 60	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300045080	PSK 045	NK 80	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300045120	PSK 045	NK 120	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300045150	PSK 045	NK 150	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300045180	PSK 045	NK 180	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300045240	PSK 045	NK 240	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300060060	PSK 060	NK 60	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300060080	PSK 060	NK 80	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300060120	PSK 060	NK 120	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300060150	PSK 060	NK 150	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300075060	PSK 075	NK 60	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300075080	PSK 075	NK 80	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300075120	PSK 075	NK 120	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A2300075150	PSK 075	NK 150	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100

Grinding, Polishing (flexible)

GTK, Mandrels, for self-adhesive abrasive discs



Ordering example: A250301830001

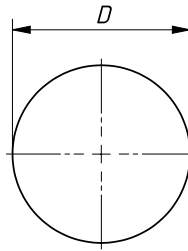
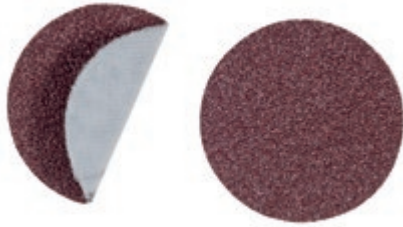


PG 8

Product number	Description	D mm	S mm	T mm	L mm	n max. (1/min)	recommended for Information on page 438		
A250301830001	GTK 018.03	18	3	11	30	20.000		■	5
A250303030001	GTK 030.03	30	3	12	30	12.500		■	5
A250303060001	GTK 030.06	30	6	12	40	12.500		■	5
A250304560001	GTK 045.06	45	6	11	40	10.000		■	5
A250306060001	GTK 060.06	60	6	13	40	8.000		■	5
A250307560001	GTK 075.06	75	6	15	40	6.000		■	2

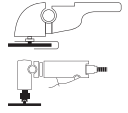
The stated maximum operating speed only applies to a maximum overhang L_0 of 20 mm. Other overhang dimensions must be calculated separately.

PSH, Abrasive Discs, self-fixing



Ordering example: A3300018060

n_{max} : please refer to the mandrels self-fixing GTH, page 325
NK = reg. Aluminium Oxide



PG 8

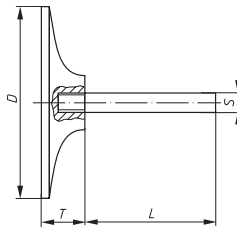
Product number	Description	Grit	D mm	recommended for		
				Information on page 438		
A3300018060	PSH 018	NK 60	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300018080	PSH 018	NK 80	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300018120	PSH 018	NK 120	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300018150	PSH 018	NK 150	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300018180	PSH 018	NK 180	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300018240	PSH 018	NK 240	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300018320	PSH 018	NK 320	20	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300030060	PSH 030	NK 60	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300030080	PSH 030	NK 80	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300030120	PSH 030	NK 120	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300030150	PSH 030	NK 150	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300030180	PSH 030	NK 180	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300030240	PSH 030	NK 240	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300030320	PSH 030	NK 320	33	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300045060	PSH 045	NK 60	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300045080	PSH 045	NK 80	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300045120	PSH 045	NK 120	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300045150	PSH 045	NK 150	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300045180	PSH 045	NK 180	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300045240	PSH 045	NK 240	48	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300060060	PSH 060	NK 60	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300060080	PSH 060	NK 80	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300060120	PSH 060	NK 120	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300060150	PSH 060	NK 150	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300060180	PSH 060	NK 180	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300060240	PSH 060	NK 240	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300060320	PSH 060	NK 320	63	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300075060	PSH 075	NK 60	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300075080	PSH 075	NK 80	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300075120	PSH 075	NK 120	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300075150	PSH 075	NK 150	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300075180	PSH 075	NK 180	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300075240	PSH 075	NK 240	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300075320	PSH 075	NK 320	78	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300120060	PSH 125	NK 60	125	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100
A3300120080	PSH 125	NK 80	125	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	100

Grinding, Polishing (flexible)

GTH, Mandrels, for self-fixing abrasive discs



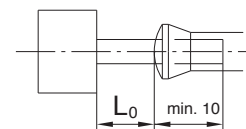
Ordering example: A250401830001



PG 8

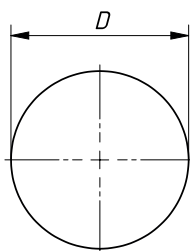
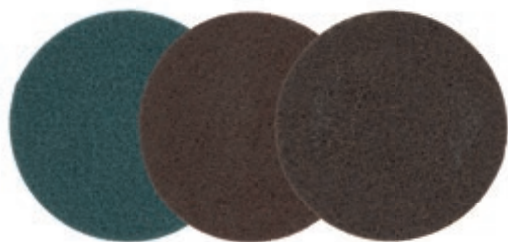
Product number	Description	D mm	S mm	T mm	L mm	n max. (1/min)	recommended for	Information on page 438		PG 8		
A250401830001	GTH 018.03	18	3	11	30	20.000					■	5
A250403030001	GTH 030.03	30	3	12	30	12.500					■	5
A250403060001	GTH 030.06	30	6	12	40	12.500					■	5
A250404560001	GTH 045.06	45	6	11	40	10.000					■	5
A250406060001	GTH 060.06	60	6	13	40	8.000					■	5
A250407560001	GTH 075.06	75	6	15	40	6.000					■	2
A25041206	GTH 120.06	120	6	20	25	4.000					■	2

The stated maximum operating speed only applies to a maximum overhang L_0 of 20 mm. Other overhang dimensions must be calculated separately.

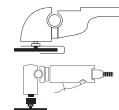


Grinding, Polishing (flexible)

**PSH, Quick-change abrasive discs with non-woven material,
Velcro self fixing system**



Ordering example: A3380115102



PG 8

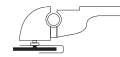
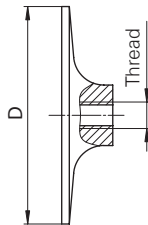
Product number	Description	Quality	D mm	n recom. (1/min)	n max. (1/min)	recommended for Information on page 438		
A3380115102	PSH 115	Fleece coarse	115	4.000	8.000	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A3380115104	PSH 115	Fleece medium	115	4.000	8.000	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A3380115107	PSH 115	Fleece fine	115	4.000	8.000	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A3380125102	PSH 125	Fleece coarse	125	3.800	7.650	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A3380125104	PSH 125	Fleece medium	125	3.800	7.650	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10
A3380125107	PSH 125	Fleece fine	125	4.800	7.650	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	■	10

Grinding, Polishing
(flexible)

GTH, Mandrels for abrasive discs with non-woven material

★★☆

Ordering example: A38311151003



PG 8

Product number	Description	D mm	Thread	n max. (1/min)	recommended for Information on page 438		
A38311151003	GTH 115	115	M14	8.000		■	1
A38311251003	GTH 125	125	M14	7.650		■	1

Grinding, Polishing (flexible)

Material classification

1 Steels and Cast Steels

Rm up to 800 N/mm²

- common structural steels
- free cutting steels
- case hardened steels
- fine grained structural steels
- extruded steels
- toughened structural steels
- boiler plate
- nitrided steels
- cast steels
- heat treated steels
- heat resistant structural steels

2 Alloyed, Tempered Steels

Rm 800 up to 1200 N/mm²

- case hardened steels
- spring steels
- fine grained structural steels
- nitrided steels
- heat treated steels
- wear resistant steels
- bearing steels

3 Tool Steels

Rm up to 1300 N/mm²

- 60–65 HRC
- high-speed steels
- non-alloyed tool steels
- cold working tool steels
- hot working tool steels

4 Rust, acid and heat resistant Steels and Cast Steels

- austenitic
- ferritic
- ferritic-austenitic
- heat-resistant
- martensitic
- stainless, sulphurized

5 Cast Iron

6 Aluminium, Magnesium and Copper Alloys

- over 300 HB
- 200–300 HB
- up to 200 HB
- over 15% Si
- 10–15% Si
- 0,5–10% Si
- below 0,5% Si

7 Titanium and Nickel Alloys

- Rm 900 up to 1500 N/mm²
- Rm up to 900 N/mm²

8 Plastics, Wood, Rubber

9 Glass/Carbides

10 Stone/Tiles/Gas Cement

11 Concrete/Reinforced Concrete

12 Ceramic/Floor Tiles

13 Marble

14 Granite

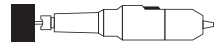
15 Freshly Poured Concrete

16 Asphalt

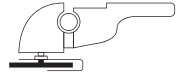
- best suitable
- suitable

- delivery ex-stock
- ▲ delivery on request

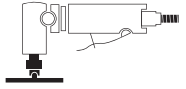
Power tools



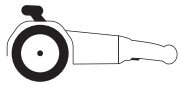
Straight grinder



Free-hand angle grinder



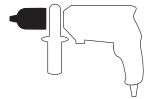
Pneumatic angle grinder



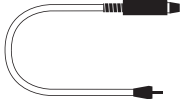
Conditioning machine



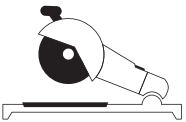
Backstand



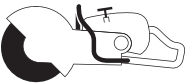
Boring machine



Flexible shaft grinder



Fixed-base cutting machine



Petrol-driven cutting machine

Product Lines

★★★ High Performance

★★☆ Industry

★☆☆ Base

Safety Symbols

(Depending on the product these symbols may vary)



Wear eye protection



Wear hearing protection



Wear a respirator



Read the instructions



Wear gloves



Only permitted with a back-up pad



Not permitted for wet grinding



Not permitted for face grinding



Do not use if damaged



Not permitted for hand-held or manually-guided grinding