

## Abrasive Discs and Mandrels

**222** Qualities and Applications

---

**324** General Information

---

**326** Abrasive discs, quick-change type

---

**331** Mandrels for quick-change abrasive discs

---

**333** Abrasive discs with plastic thread, quick-change type

---

**334** Flap Discs, quick-change type

---

**335** Mandrels with plastic thread, quick-change type

---

**336** Abrasive discs, self-adhesive

---

**337** Mandrels for self-adhesive abrasive discs

---

**338** Abrasive discs, self-fixing

---

**338** Mandrels for self-fixing abrasive discs

---

**373** Power tool

---

### Product line marking

Product lines are labelled in the table header with the appropriate tabs. Further information on page **14** and **15**.



## 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**





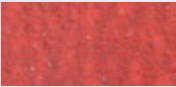
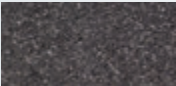
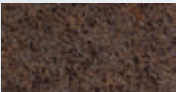


LUKAS abrasive discs PSH are self-fixing. The back face of the disc and the front face of the rubber mandrel are coated with Velcro.

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.



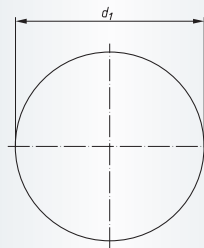
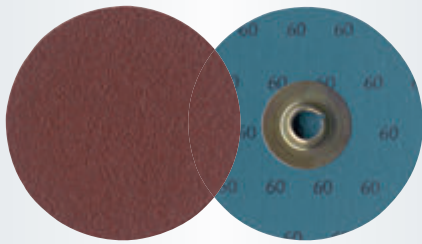
## PSG, Qualities and Applications

| Quality   |  | Characteristics  | Applications   | Page |
|---|--|--|--|------|
| <br><b>NK</b>  | Abrasive cloth with reg. Aluminium Oxide                       | tough grain  | Universal grinding and deburring   | 326  |
| <br><b>NKE</b>   | Abrasive cloth using reg. Aluminium Oxide with special coating | tough grain  | Due to the reinforcement suited even for highest demands and edge working.   | 327  |
| <br><b>ZK</b>  | Abrasive cloth with Zirconia Alum. Oxide                       | very tough and resilient grain   | Ideal for hastelloy, inconel, stainless and steels difficult to machine.   | 328  |
| <br><b>Z POWER</b>   | Zirconia Alum. Oxide with active grinding additives            | optimum stock removal rate, excellent tool life  | Ideal for stainless. Special topsize coating prevents clogging.  | 328  |
| <br><b>Ceramic</b>  | 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.   | 329  |
| <br><b>SIC</b>   | 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. | 329  |
|  Fleece Reg. Aluminium oxide coarse/brown<br> medium/red-brown<br> fine/blue |  | 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.        | 330  |



### PSG, Abrasive discs, quick-change, reg. Aluminium Oxide

Ordering example: A3371020060



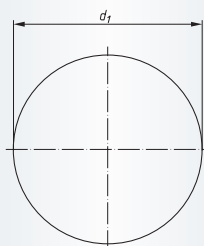
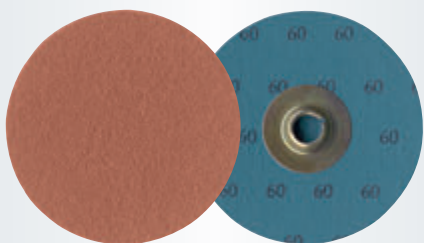
**Packing unit:**  
100 pcs. per type  
from Ø 75 mm: 50 pcs. per type

| Description | Grits  | d <sub>1</sub> mm | n max. (1/min) | Suitable carriers   | Product-Number | recommended for |   |
|-------------|--------|-------------------|----------------|---------------------|----------------|-----------------|---|
| PSG 020     | NK 60  | 19                | 40.000         | GTG 020             | A3371020060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 020     | NK 80  | 19                | 40.000         | GTG 020             | A3371020080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 020     | NK 120 | 19                | 40.000         | GTG 020             | A3371020120    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 025     | NK 36  | 25                | 40.000         | GTG 025             | A3371025036    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 025     | NK 60  | 25                | 40.000         | GTG 025             | A3371025060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 025     | NK 80  | 25                | 40.000         | GTG 025             | A3371025080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 025     | NK 120 | 25                | 40.000         | GTG 025             | A3371025120    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 038     | NK 36  | 38                | 30.000         | GTG 038             | A3371038036    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 038     | NK 60  | 38                | 30.000         | GTG 038             | A3371038060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 038     | NK 80  | 38                | 30.000         | GTG 038             | A3371038080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 038     | NK 120 | 38                | 30.000         | GTG 038             | A3371038120    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 038     | NK 180 | 38                | 30.000         | GTG 038             | A3371038180    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 038     | NK 240 | 38                | 30.000         | GTG 038             | A3371038240    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | NK 36  | 51                | 30.000         | GTG 038 and GTG 050 | A3371050036    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | NK 50  | 51                | 30.000         | GTG 038 and GTG 050 | A3371050050    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | NK 60  | 51                | 30.000         | GTG 038 and GTG 050 | A3371050060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | NK 80  | 51                | 30.000         | GTG 038 and GTG 050 | A3371050080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | NK 120 | 51                | 30.000         | GTG 038 and GTG 050 | A3371050120    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | NK 180 | 51                | 30.000         | GTG 038 and GTG 050 | A3371050180    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | NK 240 | 51                | 30.000         | GTG 038 and GTG 050 | A3371050240    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 075     | NK 36  | 76                | 20.000         | GTG 075             | A3371075036    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 075     | NK 60  | 76                | 20.000         | GTG 075             | A3371075060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 075     | NK 80  | 76                | 20.000         | GTG 075             | A3371075080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 075     | NK 120 | 76                | 20.000         | GTG 075             | A3371075120    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 075     | NK 180 | 76                | 20.000         | GTG 075             | A3371075180    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |



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

Ordering example: A3352025060



**Packing unit:**  
100 Scs. per type,  
from Ø 75 mm: 50 Spcs. per type

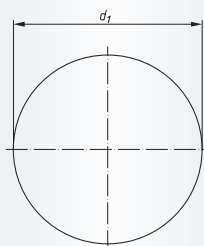
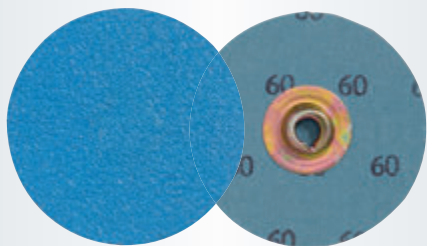
| Description | Grits   | d <sub>1</sub><br>mm | n max.<br>(1/min) | Suitable carriers   | Product-Number | recommended for |   |   |   |   |   |   |   |   |
|-------------|---------|----------------------|-------------------|---------------------|----------------|-----------------|---|---|---|---|---|---|---|---|
|             |         |                      |                   |                     |                | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 |   |
| PSG 025     | NKE 60  | 25                   | 40.000            | GTG 025             | A3352025060    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 025     | NKE 80  | 25                   | 40.000            | GTG 025             | A3352025080    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 025     | NKE 120 | 25                   | 40.000            | GTG 025             | A3352025120    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 025     | NKE 180 | 25                   | 40.000            | GTG 025             | A3352025180    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 025     | NKE 240 | 25                   | 40.000            | GTG 025             | A3352025240    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 038     | NKE 60  | 38                   | 30.000            | GTG 038             | A3352038060    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 038     | NKE 80  | 38                   | 30.000            | GTG 038             | A3352038080    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 038     | NKE 120 | 38                   | 30.000            | GTG 038             | A3352038120    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 050     | NKE 36  | 51                   | 30.000            | GTG 038 and GTG 050 | A3352050036    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 050     | NKE 60  | 51                   | 30.000            | GTG 038 and GTG 050 | A3352050060    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 050     | NKE 80  | 51                   | 30.000            | GTG 038 and GTG 050 | A3352050080    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 050     | NKE 120 | 51                   | 30.000            | GTG 038 and GTG 050 | A3352050120    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 050     | NKE 180 | 51                   | 30.000            | GTG 038 and GTG 050 | A3352050180    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 050     | NKE 240 | 51                   | 30.000            | GTG 038 and GTG 050 | A3352050240    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 075     | NKE 60  | 76                   | 20.000            | GTG 075             | A3352075060    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |
| PSG 075     | NKE 80  | 76                   | 20.000            | GTG 075             | A3352075080    | 1               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ■ |



Industry

## PSG, Abrasive discs, quick-change, Zirconia Alum. Oxide

Ordering example: A3353025060



**Packing unit:**  
100 pcs. per type  
from Ø 75 mm: 50 pcs. per type

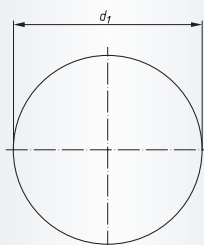
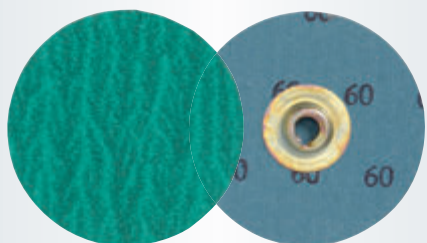
| Description | Quality Grits | d <sub>1</sub> mm | n max. (1/min) | Suitable carriers   | Product-Number | recommended for |   |
|-------------|---------------|-------------------|----------------|---------------------|----------------|-----------------|---|
| PSG 025     | ZK 60         | 25                | 40.000         | GTG 025             | A3353025060    | 1 2 3 4 5 7     | ■ |
| PSG 025     | ZK 80         | 25                | 40.000         | GTG 025             | A3353025080    | 1 2 3 4 5 7     | ■ |
| PSG 038     | ZK 60         | 38                | 30.000         | GTG 038             | A3353038060    | 1 2 3 4 5 7     | ■ |
| PSG 038     | ZK 80         | 38                | 30.000         | GTG 038             | A3353038080    | 1 2 3 4 5 7     | ■ |
| PSG 050     | ZK 36         | 51                | 30.000         | GTG 038 and GTG 050 | A3353050036    | 1 2 3 4 5 7     | ■ |
| PSG 050     | ZK 60         | 51                | 30.000         | GTG 038 and GTG 050 | A3353050060    | 1 2 3 4 5 7     | ■ |
| PSG 050     | ZK 80         | 51                | 30.000         | GTG 038 and GTG 050 | A3353050080    | 1 2 3 4 5 7     | ■ |
| PSG 075     | ZK 36         | 76                | 20.000         | GTG 075             | A3353075036    | 1 2 3 4 5 7     | ■ |
| PSG 075     | ZK 60         | 76                | 20.000         | GTG 075             | A3353075060    | 1 2 3 4 5 7     | ■ |
| PSG 075     | ZK 80         | 76                | 20.000         | GTG 075             | A3353075080    | 1 2 3 4 5 7     | ■ |



Industry

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

Ordering example: A3377038036



**Packing unit:**  
100 pcs. per type  
from Ø 75 mm: 50 pcs. per type

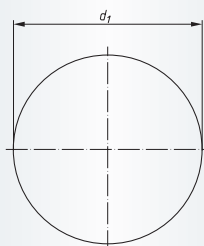
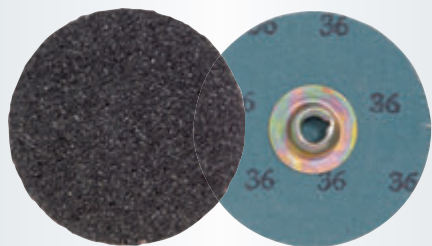
| Description | Quality Grits | d <sub>1</sub> mm | n max. (1/min) | Suitable carriers   | Product-Number | recommended for |   |
|-------------|---------------|-------------------|----------------|---------------------|----------------|-----------------|---|
| PSG 038     | Z Power 36    | 38                | 30.000         | GTG 038             | A3377038036    | 1 2 3 4 5 7     | ■ |
| PSG 038     | Z Power 60    | 38                | 30.000         | GTG 038             | A3377038060    | 1 2 3 4 5 7     | ■ |
| PSG 038     | Z Power 80    | 38                | 30.000         | GTG 038             | A3377038080    | 1 2 3 4 5 7     | ■ |
| PSG 038     | Z Power 120   | 38                | 30.000         | GTG 038             | A3377038120    | 1 2 3 4 5 7     | ■ |
| PSG 050     | Z Power 36    | 51                | 30.000         | GTG 038 and GTG 050 | A3377050036    | 1 2 3 4 5 7     | ■ |
| PSG 050     | Z Power 60    | 51                | 30.000         | GTG 038 and GTG 050 | A3377050060    | 1 2 3 4 5 7     | ■ |
| PSG 050     | Z Power 80    | 51                | 30.000         | GTG 038 and GTG 050 | A3377050080    | 1 2 3 4 5 7     | ■ |
| PSG 050     | Z Power 120   | 51                | 30.000         | GTG 038 and GTG 050 | A3377050120    | 1 2 3 4 5 7     | ■ |
| PSG 075     | Z Power 36    | 76                | 20.000         | GTG 075             | A3377075036    | 1 2 3 4 5 7     | ■ |
| PSG 075     | Z Power 60    | 76                | 20.000         | GTG 075             | A3377075060    | 1 2 3 4 5 7     | ■ |
| PSG 075     | Z Power 80    | 76                | 20.000         | GTG 075             | A3377075080    | 1 2 3 4 5 7     | ■ |
| PSG 075     | Z Power 120   | 76                | 20.000         | GTG 075             | A3377075120    | 1 2 3 4 5 7     | ■ |



Industry

**PSG, Abrasive discs, quick-change, Silicon carbide**

Ordering example: A3378038036



**Packing unit:**  
100 pcs. per type  
from Ø 75 mm: 50 pcs. per type

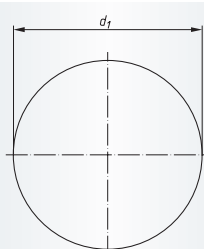
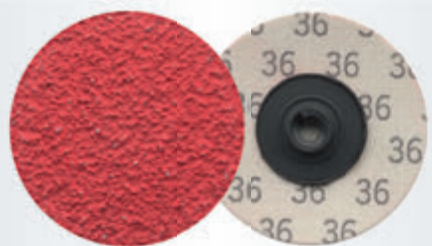
| Description | Quality Grits | d <sub>1</sub> mm | n max. (1/min) | Suitable carriers   | Product-Number | recommended for   |   |
|-------------|---------------|-------------------|----------------|---------------------|----------------|-------------------|---|
| PSG 038     | SIC 36        | 38                | 30.000         | GTG 038             | A3378038036    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 038     | SIC 60        | 38                | 30.000         | GTG 038             | A3378038060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 038     | SIC 80        | 38                | 30.000         | GTG 038             | A3378038080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 038     | SIC 120       | 38                | 30.000         | GTG 038             | A3378038120    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 050     | SIC 36        | 51                | 30.000         | GTG 038 and GTG 050 | A3378050036    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 050     | SIC 60        | 51                | 30.000         | GTG 038 and GTG 050 | A3378050060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 050     | SIC 80        | 51                | 30.000         | GTG 038 and GTG 050 | A3378050080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 050     | SIC 120       | 51                | 30.000         | GTG 038 and GTG 050 | A3378050120    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 075     | SIC 36        | 76                | 20.000         | GTG 075             | A3378075036    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 075     | SIC 60        | 76                | 20.000         | GTG 075             | A3378075060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |
| PSG 075     | SIC 80        | 76                | 20.000         | GTG 075             | A3378075080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ | ■ |



Industry

**PSG, Abrasive discs, quick-change, Ceramic grain**

Ordering example: A3379038036



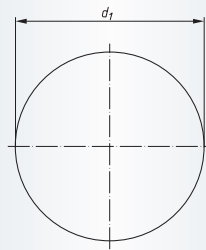
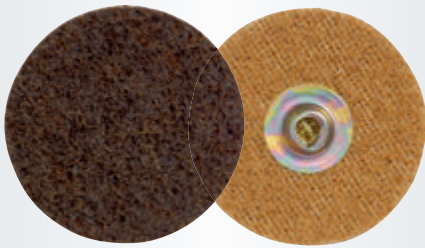
**Packing unit:**  
100 pcs. per type  
from Ø 75 mm: 50 pcs. per type

| Description | Quality Grits | d <sub>1</sub> mm | n max. (1/min) | Suitable carriers   | Product-Number | recommended for |   |
|-------------|---------------|-------------------|----------------|---------------------|----------------|-----------------|---|
| PSG 038     | Ceramic 36    | 38                | 30.000         | GTG 038             | A3379038036    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 038     | Ceramic 60    | 38                | 30.000         | GTG 038             | A3379038060    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 038     | Ceramic 80    | 38                | 30.000         | GTG 038             | A3379038080    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 038     | Ceramic 120   | 38                | 30.000         | GTG 038             | A3379038120    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 050     | Ceramic 36    | 51                | 30.000         | GTG 038 and GTG 050 | A3379050036    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 050     | Ceramic 60    | 51                | 30.000         | GTG 038 and GTG 050 | A3379050060    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 050     | Ceramic 80    | 51                | 30.000         | GTG 038 and GTG 050 | A3379050080    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 050     | Ceramic 120   | 51                | 30.000         | GTG 038 and GTG 050 | A3379050120    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 075     | Ceramic 36    | 76                | 20.000         | GTG 075             | A3379075036    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 075     | Ceramic 60    | 76                | 20.000         | GTG 075             | A3379075060    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 075     | Ceramic 80    | 76                | 20.000         | GTG 075             | A3379075080    | ② ③ ④ ⑤ ⑦       | ■ |
| PSG 075     | Ceramic 120   | 76                | 20.000         | GTG 075             | A3379075120    | ② ③ ④ ⑤ ⑦       | ■ |



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

Ordering example: A3374038005







**Packing unit:**  
50 pcs. per type,  
from Ø 75 mm: 25 pcs. per type

| Description | Quality Grits | d <sub>1</sub> mm | n max. (1/min) | Suitable carriers   | Product-Number | recommended for |   |
|-------------|---------------|-------------------|----------------|---------------------|----------------|-----------------|---|
| PSG 038     | Fleece fine   | 38                | 10.000         | GTG 038             | A3374038005    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 038     | Fleece coarse | 38                | 10.000         | GTG 038             | A3374038004    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 038     | Fleece medium | 38                | 10.000         | GTG 038             | A3374038002    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | Fleece fine   | 51                | 8.000          | GTG 038 and GTG 050 | A3374050005    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | Fleece coarse | 51                | 8.000          | GTG 038 and GTG 050 | A3374050004    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 050     | Fleece medium | 51                | 8.000          | GTG 038 and GTG 050 | A3374050002    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 075     | Fleece fine   | 75                | 5.500          | GTG 075             | A3374075005    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 075     | Fleece coarse | 75                | 5.500          | GTG 075             | A3374075004    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSG 075     | Fleece medium | 75                | 5.500          | GTG 075             | A3374075002    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |



**PSR, Qualities and Applications**

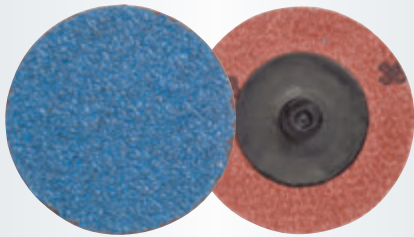
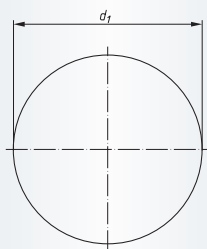
| Quality  | Characteristics   | Applications/Grinding  | Page       |
|--|---|--|------------|
|  <p>Abrasive cloth with Zirconia Alum. Oxide</p> <p><b>ZK</b></p>   | <p>very tough and resilient grain</p>   | <p>Ideal for hastelloy, inconel, stainless and steels difficult to machine.</p>  | <p>333</p> |
|  <p>Fleece Reg. Aluminium oxide coarse/brown</p>  <p>medium/red-brown</p>  <p>fine/blue</p> | <p>Polishing effect through the fibre structure, constant working results due to steadily discharge of abrasive particles. Outstanding tool life.</p> | <p>Ideal for removing rust or paint, scratches and pre-machining marks. A general improvement of the surface finish.</p> | <p>333</p> |



Industry

**PSR, Abrasive discs with plastic thread, quick-change**

Ordering example: A3363038060

|  |               |  |                | <p><b>Packing unit:</b><br/>100 pcs. per type</p> |                |                 |   |
|---|---------------|---|----------------|---|----------------|-----------------|---|
| Description   | Quality Grits | d <sub>1</sub> mm   | n max. (1/min) | Suitable carriers                                 | Product-Number | recommended for |   |
| PSR 038   | ZK 60         | 38  | 30.000         | GTR 038   | A3363038060    | 1 2 3 4 5 7     | ■ |
| PSR 038   | ZK 80         | 38  | 30.000         | GTR 038   | A3363038080    | 1 2 3 4 5 7     | ■ |
| PSR 050   | ZK 36         | 51  | 30.000         | GTR 038 and GTR 050                               | A3363050036    | 1 2 3 4 5 7     | ■ |
| PSR 050   | ZK 60         | 51  | 30.000         | GTR 038 and GTR 050                               | A3363050060    | 1 2 3 4 5 7     | ■ |
| PSR 050   | ZK 80         | 51  | 30.000         | GTR 038 and GTR 050                               | A3363050080    | 1 2 3 4 5 7     | ■ |
| PSR 075   | ZK 36         | 76  | 20.000         | GTR 075   | A3363075036    | 1 2 3 4 5 7     | ■ |
| PSR 075   | ZK 60         | 76  | 20.000         | GTR 075   | A3363075060    | 1 2 3 4 5 7     | ■ |
| PSR 075   | ZK 80         | 76  | 20.000         | GTR 075   | A3363075080    | 1 2 3 4 5 7     | ■ |



Industry

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

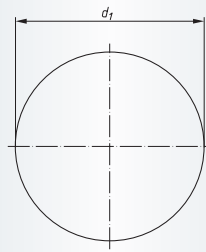
Ordering example: A3375038005

|  |               |  |                | <p><b>Packing unit:</b><br/>50 pcs. per type<br/>from Ø 75 mm: 25 pcs. per type</p> |                |                 |   |
|---|---------------|---|----------------|---|----------------|-----------------|---|
| Description   | Quality Grits | d <sub>1</sub> mm   | n max. (1/min) | Suitable carriers   | Product-Number | recommended for |   |
| PSR 038   | Fleece fine   | 38  | 10.000         | GTR 038   | A3375038005    | 1 2 3 4 5 6 7 8 | ■ |
| PSR 038   | Fleece medium | 38  | 10.000         | GTR 038   | A3375038002    | 1 2 3 4 5 6 7 8 | ■ |
| PSR 050   | Fleece coarse | 51  | 8.000          | GTR 038 and GTR 050   | A3375050004    | 1 2 3 4 5 6 7 8 | ■ |
| PSR 050   | Fleece fine   | 51  | 8.000          | GTR 038 and GTR 050   | A3375050005    | 1 2 3 4 5 6 7 8 | ■ |
| PSR 050   | Fleece medium | 51  | 8.000          | GTR 038 and GTR 050   | A3375050002    | 1 2 3 4 5 6 7 8 | ■ |
| PSR 075   | Fleece coarse | 76  | 5.500          | GTR 038, GTR 050<br>and GTR 075   | A3375075004    | 1 2 3 4 5 6 7 8 | ■ |
| PSR 075   | Fleece fine   | 76  | 5.500          | GTR 038, GTR 050<br>and GTR 075   | A3375075005    | 1 2 3 4 5 6 7 8 | ■ |
| PSR 075   | Fleece medium | 76  | 5.500          | GTR 038, GTR 050<br>and GTR 075   | A3375075002    | 1 2 3 4 5 6 7 8 | ■ |



## SLTG, Flap Disc, quick-change type

Ordering example: A33310500401623



**Packing unit:**

10 pcs. per type

$v_{max}$ : 50 m/s

ZK = Zirconia Alum. Oxide

| Description | Grits  | d <sub>1</sub><br>mm | n max.<br>(1/min) | Suitable carriers | Product-Number  | recommended for |   |   |   |   |  |   |  |  |   |
|-------------|--------|----------------------|-------------------|-------------------|-----------------|-----------------|---|---|---|---|--|---|--|--|---|
| SLTG 050 R  | ZK 40  | 50                   | 19.000            | GTR 038.06        | A33310500401623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 050 R  | ZK 60  | 50                   | 19.000            | GTR 038.06        | A33310500601623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 050 R  | ZK 80  | 50                   | 19.000            | GTR 038.06        | A33310500801623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 050 R  | ZK 120 | 50                   | 19.000            | GTR 038.06        | A33310501201623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 065 R  | ZK 40  | 65                   | 14.700            | GTR 050.06        | A33310650401623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 065 R  | ZK 60  | 65                   | 14.700            | GTR 050.06        | A33310650601623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 065 R  | ZK 80  | 65                   | 14.700            | GTR 050.06        | A33310650801623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 075 R  | ZK 40  | 75                   | 12.700            | GTR 050.06        | A33310750401623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 075 R  | ZK 60  | 75                   | 12.700            | GTR 050.06        | A33310750601623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 075 R  | ZK 80  | 75                   | 12.700            | GTR 050.06        | A33310750801623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |
| SLTG 075 R  | ZK 120 | 75                   | 12.700            | GTR 050.06        | A33310751201623 | 1               | 2 | 3 | 4 | 5 |  | 7 |  |  | ■ |

**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





### PSK, Abrasive discs, self-adhesive, Silicon carbide

Ordering example: A2305018080

|             |         |                      |                | <p><b>Packing unit:</b><br/>100 pcs. per type<br/>n max.: please refer to the mandrels self-adhesive<br/>GTK, page 337<br/>SIC = Silicon carbide</p> |   |   |   |   |   |   |   |   |   |
|-------------|---------|----------------------|----------------|--|---|---|---|---|---|---|---|---|---|
| Description | Grits   | d <sub>1</sub><br>mm | Product-Number | recommended for  |   |   |   |   |   |   |   |   |   |
| PSK 018     | SIC 80  | 21                   | A2305018080    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ■ |
| PSK 018     | SIC 120 | 21                   | A2305018120    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ■ |
| PSK 030     | SIC 60  | 33                   | A2305030060    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ■ |
| PSK 030     | SIC 80  | 33                   | A2305030080    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ■ |
| PSK 030     | SIC 120 | 33                   | A2305030120    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ■ |
| PSK 045     | SIC 60  | 48                   | A2305045060    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ■ |
| PSK 045     | SIC 80  | 48                   | A2305045080    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ■ |
| PSK 045     | SIC 120 | 48                   | A2305045120    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ■ |



### PSK, Abrasive discs, self-adhesive, reg. Aluminium Oxide

Ordering example: A2300018060

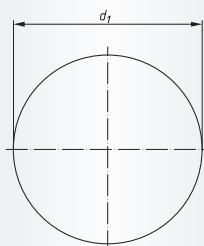
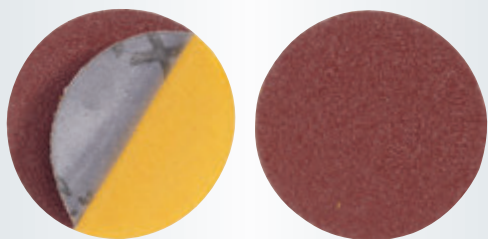
|             |        |                      |                | <p><b>Packing unit:</b><br/>100 pcs. per type<br/>n max.: please refer to the mandrels self-adhesive<br/>GTK, page 337<br/>NK = reg. Aluminium Oxide</p> |   |   |   |   |   |   |   |   |
|-------------|--------|----------------------|----------------|--|---|---|---|---|---|---|---|---|
| Description | Grits  | d <sub>1</sub><br>mm | Product-Number | recommended for  |   |   |   |   |   |   |   |   |
| PSK 018     | NK 60  | 21                   | A2300018060    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 018     | NK 80  | 21                   | A2300018080    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 018     | NK 120 | 21                   | A2300018120    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 018     | NK 150 | 21                   | A2300018150    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 018     | NK 180 | 21                   | A2300018180    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 018     | NK 240 | 21                   | A2300018240    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 030     | NK 60  | 33                   | A2300030060    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 030     | NK 80  | 33                   | A2300030080    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 030     | NK 120 | 33                   | A2300030120    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 030     | NK 150 | 33                   | A2300030150    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 030     | NK 180 | 33                   | A2300030180    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 030     | NK 240 | 33                   | A2300030240    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 045     | NK 60  | 48                   | A2300045060    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 045     | NK 80  | 48                   | A2300045080    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 045     | NK 120 | 48                   | A2300045120    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |
| PSK 045     | NK 150 | 48                   | A2300045150    | ①  | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ■ |



Industry

**PSK, Abrasive discs, self-adhesive, reg. Aluminium Oxide**

Ordering example: A2300045180



**Packing unit:**

100 pcs. per type

n max.: please refer to the mandrels self-adhesive  
GTK, page 337

NK = reg. Aluminium Oxide

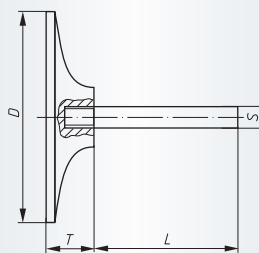
| Description | Grits  | d <sub>1</sub><br>mm | Product-Number | recommended for |   |
|-------------|--------|----------------------|----------------|-----------------|---|
| PSK 045     | NK 180 | 48                   | A2300045180    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSK 045     | NK 240 | 48                   | A2300045240    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSK 060     | NK 60  | 63                   | A2300060060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSK 060     | NK 80  | 63                   | A2300060080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSK 060     | NK 120 | 63                   | A2300060120    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSK 060     | NK 150 | 63                   | A2300060150    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSK 075     | NK 60  | 78                   | A2300075060    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSK 075     | NK 80  | 78                   | A2300075080    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSK 075     | NK 120 | 78                   | A2300075120    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| PSK 075     | NK 150 | 78                   | A2300075150    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |



Industry

**GTK, Mandrels, for self-adhesive abrasive discs**

Ordering example: A250301830001



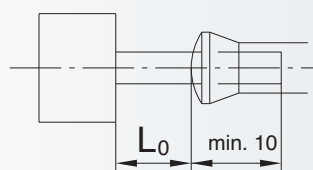
**Packing unit:**

5 pcs. per type,

from Ø 75 mm = 2 pcs. per type

| Description | D<br>mm | S<br>mm | T<br>mm | L<br>mm | n max.<br>(1/min) | Product-Number |  |   |
|-------------|---------|---------|---------|---------|-------------------|----------------|--|---|
| GTK 018.03  | 18      | 3       | 11      | 30      | 20.000            | A250301830001  |  | ■ |
| GTK 030.03  | 30      | 3       | 12      | 30      | 12.500            | A250303030001  |  | ■ |
| GTK 030.06  | 30      | 6       | 12      | 40      | 12.500            | A250303060001  |  | ■ |
| GTK 045.06  | 45      | 6       | 11      | 40      | 10.000            | A250304560001  |  | ■ |
| GTK 060.06  | 60      | 6       | 13      | 40      | 8.000             | A250306060001  |  | ■ |
| GTK 075.06  | 75      | 6       | 15      | 40      | 6.000             | A250307560001  |  | ■ |

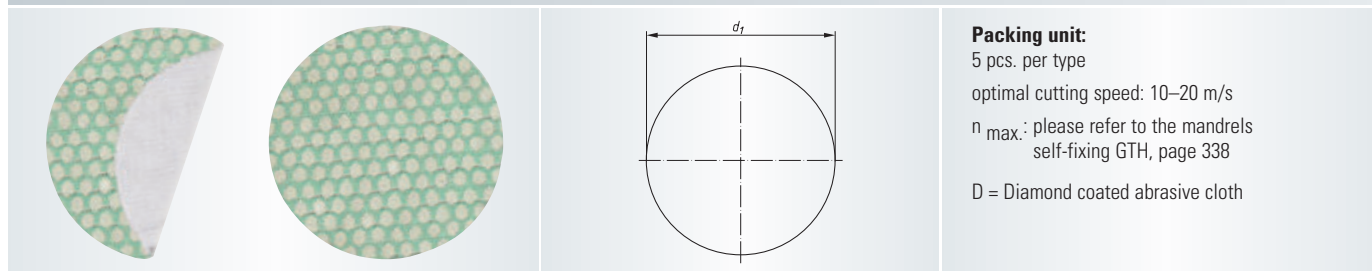
The stated maximum operating speed only applies to a maximum overhang  $L_0$  of 20 mm. Other overhang dimensions must be calculated separately.





### PSH, Abrasive discs, self-adhesive, Diamond

Ordering example: A3301050126



**Packing unit:**  
5 pcs. per type  
optimal cutting speed: 10–20 m/s  
 $n_{max}$ : please refer to the mandrels  
self-fixing GTH, page 338  
D = Diamond coated abrasive cloth

| Description | Grits | d <sub>1</sub> mm | Product-Number | recommended for |
|-------------|-------|-------------------|----------------|-----------------|
| PSH 050     | D126  | 50                | A3301050126    | 7 8 9 ■         |
| PSH 075     | D126  | 75                | A3301075126    | 7 8 9 ■         |

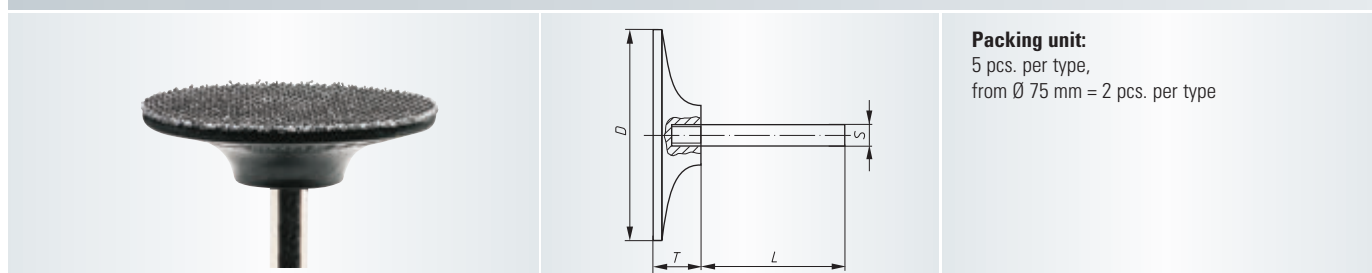
Diamond abrasive discs are perfect for dealing with hard layers, such as wear protection coatings or armouring made from tungsten, chromium or titanium carbide.

They are also great for other hard materials like glass, ceramic, stone, enamel, carbide or abrasive composite materials from glass or carbon fibre reinforced plastic. Another application is for materials used for turbines and power trains, e.g., hastelloy, inconel and titanium alloys.



### GTH, Mandrels, for self-fixing abrasive discs

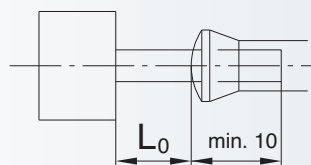
Ordering example: A250401830001



**Packing unit:**  
5 pcs. per type,  
from Ø 75 mm = 2 pcs. per type

| Description | D mm | S mm | T mm | L mm | n max. (1/min) | Product-Number | recommended for |
|-------------|------|------|------|------|----------------|----------------|-----------------|
| GTH 018.03  | 18   | 3    | 11   | 30   | 20.000         | A250401830001  | ■               |
| GTH 030.03  | 30   | 3    | 12   | 30   | 12.500         | A250403030001  | ■               |
| GTH 030.06  | 30   | 6    | 12   | 40   | 12.500         | A250403060001  | ■               |
| GTH 045.06  | 45   | 6    | 11   | 40   | 10.000         | A250404560001  | ■               |
| GTH 060.06  | 60   | 6    | 13   | 40   | 8.000          | A250406060001  | ■               |
| GTH 075.06  | 75   | 6    | 15   | 40   | 6.000          | A250407560001  | ■               |
| GTH 120.06  | 120  | 6    | 20   | 25   | 4.000          | A25041206      | ■               |
| GTH 120.08  | 120  | 8    | 20   | 25   | 4.000          | A25041208      | ■               |

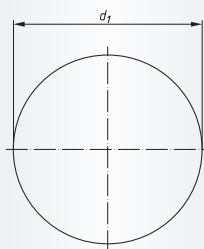
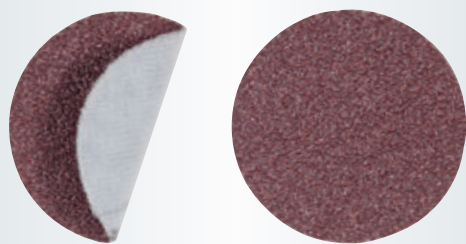
The stated maximum operating speed only applies to a maximum overhang  $L_0$  of 20 mm. Other overhang dimensions must be calculated separately.





PSH, Abrasive discs, self-fixing

Ordering example: A3300018060



**Packing unit:**

100 pcs. per type

n max.: please refer to the mandrels self-fixing GTH, page 338

NK = reg. Aluminium Oxide

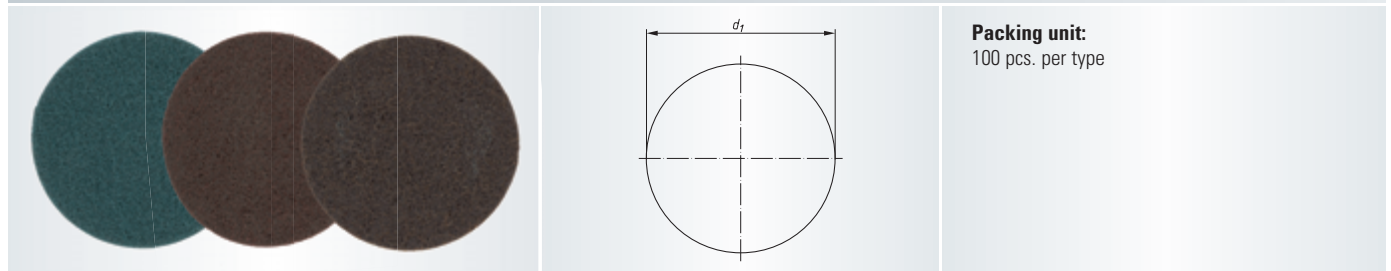
| Description | Grits  | d <sub>1</sub><br>mm | Product-Number | recommended for |   |
|-------------|--------|----------------------|----------------|-----------------|---|
| PSH 018     | NK 60  | 20                   | A3300018060    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 018     | NK 80  | 20                   | A3300018080    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 018     | NK 120 | 20                   | A3300018120    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 018     | NK 150 | 20                   | A3300018150    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 018     | NK 180 | 20                   | A3300018180    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 018     | NK 240 | 20                   | A3300018240    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 018     | NK 320 | 20                   | A3300018320    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 030     | NK 60  | 33                   | A3300030060    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 030     | NK 80  | 33                   | A3300030080    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 030     | NK 120 | 33                   | A3300030120    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 030     | NK 150 | 33                   | A3300030150    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 030     | NK 180 | 33                   | A3300030180    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 030     | NK 240 | 33                   | A3300030240    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 030     | NK 320 | 33                   | A3300030320    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 045     | NK 60  | 48                   | A3300045060    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 045     | NK 80  | 48                   | A3300045080    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 045     | NK 120 | 48                   | A3300045120    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 045     | NK 150 | 48                   | A3300045150    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 045     | NK 180 | 48                   | A3300045180    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 045     | NK 240 | 48                   | A3300045240    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 060     | NK 60  | 63                   | A3300060060    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 060     | NK 80  | 63                   | A3300060080    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 060     | NK 120 | 63                   | A3300060120    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 060     | NK 150 | 63                   | A3300060150    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 060     | NK 180 | 63                   | A3300060180    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 060     | NK 240 | 63                   | A3300060240    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 060     | NK 320 | 63                   | A3300060320    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 075     | NK 60  | 78                   | A3300075060    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 075     | NK 80  | 78                   | A3300075080    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 075     | NK 120 | 78                   | A3300075120    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 075     | NK 150 | 78                   | A3300075150    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 075     | NK 180 | 78                   | A3300075180    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 075     | NK 240 | 78                   | A3300075240    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 075     | NK 320 | 78                   | A3300075320    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 125     | NK 60  | 125                  | A3300120060    | 1 2 3 4 5 6 7 8 | ■ |
| PSH 125     | NK 80  | 125                  | A3300120080    | 1 2 3 4 5 6 7 8 | ■ |

# 340 Abrasive discs, self-fixing and Mandrels, for self-fixing abrasive discs



Industry

## PSH, Quick-change abrasive discs with non-woven material, Velcro self fixing system *Ordering example: A3380115102*



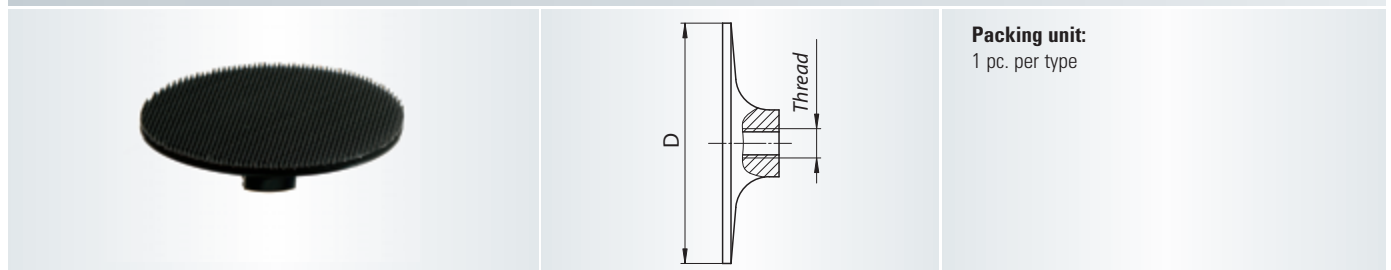
**Packing unit:**  
100 pcs. per type

| Description        | Grits         | d <sub>1</sub> mm | n recom. (1/min) | n max. (1/min) | Product-Number | recommended for |   |
|--------------------|---------------|-------------------|------------------|----------------|----------------|-----------------|---|
| <b>NEW</b> PSH 115 | Fleece coarse | 115               | 4.000            | 8.000          | A3380115102    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| <b>NEW</b> PSH 115 | Fleece medium | 115               | 4.000            | 8.000          | A3380115104    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| <b>NEW</b> PSH 115 | Fleece fine   | 115               | 4.000            | 8.000          | A3380115107    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| <b>NEW</b> PSH 125 | Fleece coarse | 125               | 3.800            | 7.650          | A3380125102    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| <b>NEW</b> PSH 125 | Fleece medium | 125               | 3.800            | 7.650          | A3380125104    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |
| <b>NEW</b> PSH 125 | Fleece fine   | 125               | 4.800            | 7.650          | A3380125107    | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ■ |



Industry

## GTH, Mandrels for abrasive discs with non-woven material *Ordering example: A38311151003*



**Packing unit:**  
1 pc. per type

| Description | D mm | Thread | n max. (1/min) | Product-Number |  |   |
|-------------|------|--------|----------------|----------------|--|---|
| GTH 115     | 115  | M14    | 8.000          | A38311151003   |  | ■ |
| GTH 125     | 125  | M14    | 7.650          | A38311251003   |  | ■ |