

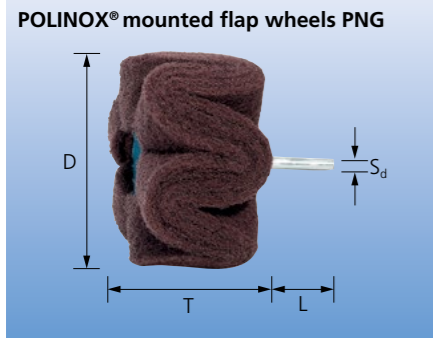
# Non-woven tools

## POLINOX® mounted grinding wheels



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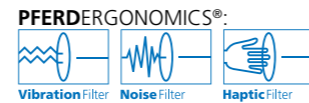


Made of several strips of corrugated non-woven material, wound around a common core.

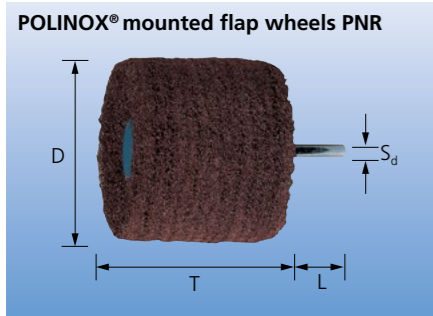
The wavy structure of the non-woven material permits seamless brush matting of surfaces.

**Abrasives:**  
**A** = Aluminium oxide  
**SiC** = Silicon carbide

**Ordering example:**  
 EAN 4007220499580  
 PNG 10050/6 A 100  
 Please complete the description with the desired grit size.



Description	Grit size			D x T [mm]	S <sub>d</sub> x L [mm]	Recom. speed [RPM]	Max. perm. speed [RPM]	Icon
	100	180	280					
EAN 4007220								
<b>Aluminium oxide A</b>								
PNG 8050/6 A	737989	737996	738009	80 x 50	6 x 40	4,000	7,500	10
PNG 10050/6 A	499580	499597	499603	100 x 50	6 x 40	3,000	6,000	5
<b>Silicon carbide (SiC)</b>								
PNG 8050/6 SiC	738016	738023	803639	80 x 50	6 x 40	4,000	7,500	10
PNG 10050/6 SiC	617595	617601	803646	100 x 50	6 x 40	3,000	6,000	5

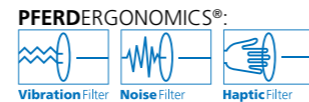


The non-woven abrasive is arranged in multiple axial layers.

Since the individual layers are not interconnected, the abrasive surface adapts easily to different workpiece contours (e.g. in work on profiles or pipes).

**Abrasive:**  
**A** = Aluminium oxide

**Ordering example:**  
 EAN 4007220157145  
 PNR 6050/6 A 100  
 Please complete the description with the desired grit size.



Description	Grit size			D x T [mm]	S <sub>d</sub> x L [mm]	Recom. speed [RPM]	Max. perm. speed [RPM]	Icon
	100	180	280					
EAN 4007220								
<b>Aluminium oxide A</b>								
PNR 6050/6 A	157145	157152	157169	60 x 50	6 x 40	5,000	10,000	10
PNR 8050/6 A	157244	157251	157268	80 x 50	6 x 40	4,000	7,500	10

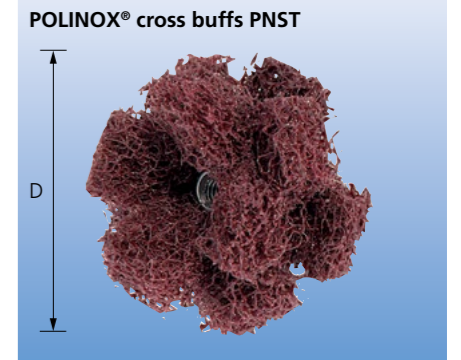
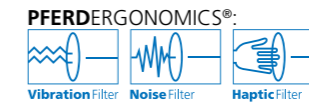


Suitable for cleaning, deburring and fine grinding of inner surfaces and contours. Particularly suitable for hard-to-reach places such as drilled holes and cavities.

- Application examples:**
- Deburring of bores on non-ferrous metal components
  - Fine grinding on the inner surfaces of pipes made of stainless steel (INOX)
  - Cleaning of thread pitches

**Ordering note:**  
 Please order arbor BO PNST 6-75 or 6-125 separately.

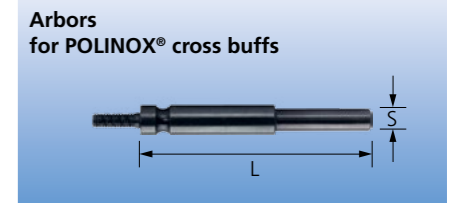
**Ordering example:**  
 EAN 4007220441138  
 PNST 25-2 A 180  
 Please complete the description with the desired grit size.



Description	Grit size			D [mm]	No. of layers	Recom. speed [RPM]	Max. perm. speed [RPM]	Icon
	100	180	280					
EAN 4007220								
PNST 19-2 A	-	899199	899205	19	2	15,000	25,100	20
PNST 25-2 A	899212	441138	441145	25	2	10,000	19,100	20
PNST 38-3 A	899229	441152	441169	38	3	7,500	12,600	20
PNST 50-2 A	899410	899427	899434	50	2	5,500	9,500	20



Arbor for POLINOX® cross buffs. Both arbors are of different lengths, thus allowing bores or cut-outs of different depths to be reached.



Description	EAN 4007220	S x L [mm]	Thread	Mounting length [mm]	Icon
BO PNST 6-75	440988	6 x 75	8-32 UNC	30	1
BO PNST 6-125	440995	6 x 125	8-32 UNC	30	1

High-power output electric straight grinder in set with PFERD tools for cleaning, brush matting and very fine grinding of small and medium surfaces on stainless steel (INOX) components.

**Performance characteristics electric straight grinder:**

- Insulated motor with integrated overload protection
- User-friendly, robust construction
- Stepless electronic speed regulation in the range of 4,000–9,000 RPM

For detailed information and ordering data for tool drives, please refer to Catalogue 209.

**Contents:**

- Electric straight grinder UGER 5/90 SI
- 2 mounted flap wheels
- 10 POLINOX® mounted grinding wheels of various types and grit sizes
- POLIFAN® flap disc PFC 115 A 60 SG-COOL

**Recommendations for use:**

- The result of surface work on stainless steel (INOX) depends on the interaction of the following factors:
  - Tool (abrasive, grit size)
  - Rotational speed used
  - Contact pressure
  - Processing time
  - Quality of the steel to be worked on

Description	EAN 4007220	Icon
SET PNL/Z/R 6050 UGER 5/90 230 V	323274	1

## Tool sets

### Tool sets with drives

