

# Flap tools

## General information – POLISTAR

POLISTAR flexible tools have been especially developed for work on the inner surfaces of holes and pipes.

### Advantages:

- Optimum adaptation to contours thanks to high flexibility.
- Most effective work on small inner diameters, particularly in the range of 7–40 mm, due to tool dimensions.

### Recommendations for use:

- For best performance, use with a recommended cutting speed of 15–20 m/s.
- POLISTAR products can be stacked in several layers. Arrange so that the layers are offset to ensure that the abrasive is applied as effectively as possible.
  - PST 20/1,6 for centre hole dia. 7–15 mm
  - PST 30/1,6 for centre hole dia. 10–20 mm
  - PST 40/3 for centre hole dia. 15–25 mm
  - PST 50/3 for centre hole dia. 20–40 mm

### Matching tool drives:

- Flexible shaft drives
- Straight grinders

### Ordering notes:

- Please order arbors separately.
- POLISTAR products are supplied in sheets. Sheet contents:
  - Dia. 20 and 30 mm = 25 pcs.
  - Dia. 40 and 50 mm = 10 pcs

### Safety notes:

- The maximum permitted peripheral speed is 20 m/s.
- For safety reasons, the specified maximum permitted rotational speed must never be exceeded.



### Accessories:

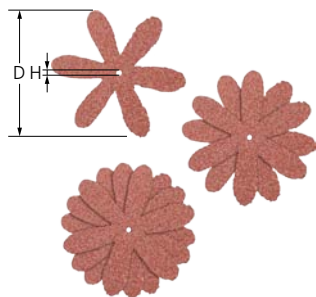
- Arbors for POLISTAR and POLISTAR-TUBE

### PFERDVALUE:

PFERDERGONOMICS recommends POLISTAR to sustainably reduce vibration and noise levels during use and to improve working comfort.



## POLISTAR



### PST type

The flexible tools are particularly suitable for work on inner surfaces.

#### Abrasive:


Aluminium oxide A

#### Ordering notes:

- Please complete the description with the desired grit size.

#### PFERDVALUE:



| D<br>[mm] | H<br>[mm] | Grit size   |        |        | Opt.<br>RPM | Max.<br>RPM | Suitable<br>arbors              |  | Description      |
|-----------|-----------|-------------|--------|--------|-------------|-------------|---------------------------------|---|------------------|
|           |           | 60          | 80     | 120    |             |             |                                 |   |                  |
|           |           | EAN 4007220 |        |        |             |             |                                 |   |                  |
| 20        | 1.6       | 661345      | 661444 | 661451 | 15,000      | 38,000      | BO 2,3/1,6 1-5,<br>BO 3/1,6 1-5 | 100   | PST 20/1,6 A ... |
| 30        | 1.6       | 661468      | 661482 | 661512 | 9,500       | 25,000      | BO 2,3/1,6 1-5,<br>BO 3/1,6 1-5 | 100   | PST 30/1,6 A ... |
| 40        | 3         | 661543      | 661550 | 661567 | 7,200       | 19,000      | BO 6/3 1-6                      | 100   | PST 40/3,0 A ... |
| 50        | 3         | 661574      | 661581 | 661598 | 5,700       | 15,000      | BO 6/3 1-6                      | 100   | PST 50/3,0 A ... |

