

# The Thin Wheels from PFERD

Cutting with the best



- Above-average aggressiveness and tool life
- Cool cut
- Low-burr cutting
- Unrivalled cutting comfort and labour-saving work

# The Thin Wheels from PFERD

Cutting with the best



## Performance Line SG-ELASTIC



**Steel**  
Hard type - hardness grade S

Performance tool in hardness grade S. Improved PFERD product with high cutting capabilities and excellent tool life.

- fast,
- comfortable,
- burr-free.

**Abrasive: Aluminium oxide A**

**Workpiece materials:**  
Steel

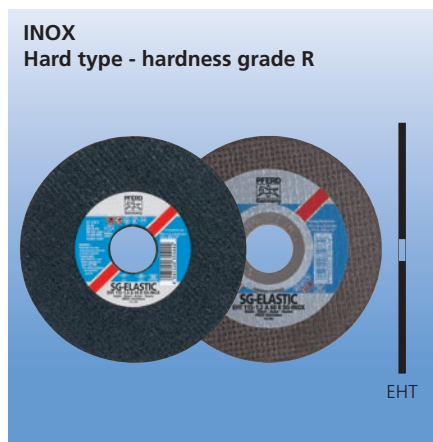
**Application:**

Cutting of metal and sheet profiles

**Recommendation for use:**

Suitable for angle grinders of all output levels.

Order No.	EAN 4007220	EN-designation	D x T/U x H [mm (Inch)]	Max. speed [RPM]		
Flat type EHT (form 41)						
EHT 115-1,0 A 60 S SG/22,23	499719	41 A 60 S BF 80	115 x 1,0 x 22,23 (7/8)	13.300	25	0,625
EHT 115-1,6 A 46 S SG/22,23	522813	41 A 46 S BF 80	115 x 1,6 x 22,23 (7/8)	13.300	25	1,150
EHT 125-1,0 A 60 S SG/22,23	499740	41 A 60 S BF 80	125 x 1,0 x 22,23 (7/8)	12.200	25	0,750
EHT 125-1,6 A 46 S SG/22,23	522691	41 A 46 S BF 80	125 x 1,6 x 22,23 (7/8)	12.200	25	1,175



**INOX**  
Hard type - hardness grade R

Multipurpose tool of hardness grade R-INOX. Improved PFERD product with high cutting capabilities and excellent tool life.

- cool,
- fast,
- comfortable,
- burr-free.

**Abrasive: Aluminium oxide A**

Manufactured without addition of ferrous, sulphurous and chlorinated fillers.

**Workpiece materials:**  
Stainless steel (INOX)

**Application:**

Cutting of metal, sheet profiles and solid materials

**Recommendation for use:**

Discs of thickness 1,0/1,6/1,9 mm for the fast and convenient cutting of thin sheetmetal and profiles.

Discs of thickness 1,2/1,8/2,0 mm are particularly suitable for the cost-effective cutting of profiles and solid materials.

Suitable for angle grinders of all output levels. The use of large clamping flanges (SFS 76) increases the lateral stability and ensures accurate disc guidance, in particular with thin cut-off wheels flat type, dia. 178 and 230 mm.

Order No.	EAN 4007220	EN-designation	D x T/U x H [mm (Inch)]	Max. speed [RPM]		
Flat type EHT (form 41)						
EHT 115-1,0 A 60 R SG-INOX/22,23	499702	41 A 60 R BF 80	115 x 1,0 x 22,23 (7/8)	13.300	25	0,625
EHT 115-1,2 A 60 R SG-INOX/22,23	810330	41 A 60 R BF 80	115 x 1,2 x 22,23 (7/8)	13.300	25	0,775
EHT 115-1,6 A 46 R SG-INOX/22,23	355442	41 A 46 R BF 80	115 x 1,6 x 22,23 (7/8)	13.300	25	1,100
EHT 115-1,8 A 46 R SG-INOX/22,23	810354	41 A 46 R BF 80	115 x 1,8 x 22,23 (7/8)	13.300	25	1,220
EHT 125-1,0 A 60 R SG-INOX/22,23	499733	41 A 60 R BF 80	125 x 1,0 x 22,23 (7/8)	12.200	25	0,750
EHT 125-1,2 A 60 R SG-INOX/22,23	810361	41 A 60 R BF 80	125 x 1,2 x 22,23 (7/8)	12.200	25	0,900
EHT 125-1,6 A 46 R SG-INOX/22,23	355459	41 A 46 R BF 80	125 x 1,6 x 22,23 (7/8)	12.200	25	1,225
EHT 125-1,8 A 46 R SG-INOX/22,23	810378	41 A 46 R BF 80	125 x 1,8 x 22,23 (7/8)	12.200	25	1,395
EHT 150-1,6 A 46 R SG-INOX/22,23	581179	41 A 46 R BF 80	150 x 1,6 x 22,23 (7/8)	10.200	25	1,725
EHT 178-1,6 A 46 R SG-INOX/22,23	807729	41 A 46 R BF 80	178 x 1,6 x 22,23 (7/8)	8.600	25	2,325
EHT 178-1,8 A 46 R SG-INOX/22,23	581186	41 A 46 R BF 80	178 x 1,8 x 22,23 (7/8)	8.600	25	2,500
EHT 230-1,9 A 46 R SG-INOX/22,23	807736	41 A 46 R BF 80	230 x 1,9 x 22,23 (7/8)	6.600	25	4,050
EHT 230-2,0 A 46 R SG-INOX/22,23	581193	41 A 46 R BF 80	230 x 2,0 x 22,23 (7/8)	6.600	25	4,625

Performance tool of hardness grade N-Alu.  
Non-loading PFERD product characterized by high cutting performance and very long tool life:

- fast,
- comfortable,
- burr-free.

**Abrasive: Aluminium oxide A**

Contains no fillers which might leave an undesirable surface residue. The workpiece can be welded right away, without any further treatment.

**Workpiece materials:**

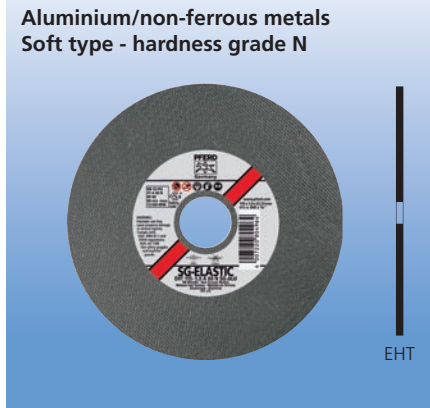
Tough and hard aluminium, non-ferrous metals



**Application:**

Cutting of metal and sheet profiles

**Recommendation for use:**

Suitable for angle grinders of all output levels. The use of large clamping flanges (SFS 76) increases the lateral stability and ensures accurate disc guidance, in particular for thin cut-off wheels flat type, dia. 178 mm.



Order No.	EAN 4007220	EN-designation	D x T/U x H [mm (Inch)]	Max. speed [RPM]		
Flat type EHT (form 41)						
EHT 115-1,0 A 60 N SG-ALU/22,23	804964	41 A 60 N BF 80	115 x 1,0 x 22,23 (7/8)	13.300	25	0,625
EHT 115-1,6 A 46 N SG-ALU/22,23	804988	41 A 46 N BF 80	115 x 1,6 x 22,23 (7/8)	13.300	25	1,000
EHT 125-1,0 A 60 N SG-ALU/22,23	804995	41 A 60 N BF 80	125 x 1,0 x 22,23 (7/8)	12.200	25	0,750
EHT 125-1,6 A 46 N SG-ALU/22,23	805008	41 A 46 N BF 80	125 x 1,6 x 22,23 (7/8)	12.200	25	1,200
EHT 178-1,6 A 46 N SG-ALU/22,23	805015	41 A 46 N BF 80	178 x 1,6 x 22,23 (7/8)	8.600	25	2,325

Extremely resistant high-performance tool of hardness grade T.  
Improved PFERD product providing unsurpassed cutting performance and outstanding tool life.

- fast,
- comfortable,
- burr-free.

**Abrasive: Aluminium oxide A**

**Workpiece materials:**

Steel

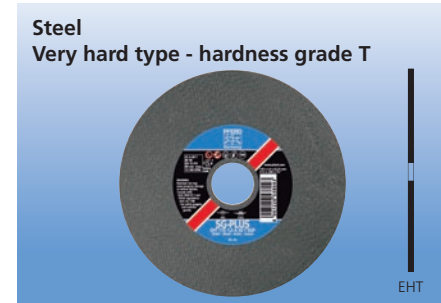
**Application:**



Cutting of metal and sheet profiles

**Recommendation for use:**

Best cutting results on air turbine grinders and high-performance electric angle grinders.

### Special Line SG-PLUS



Order No.	EAN 4007220	EN-designation	D x T/U x H [mm (Inch)]	Max. speed [RPM]		
Flat type EHT (form 41)						
EHT 115-1,0 A 60 T SGP/22,23	538043	41 A 60 T BF 80	115 x 1,0 x 22,23 (7/8)	13.300	25	0,625
EHT 125-1,0 A 60 T SGP/22,23	538050	41 A 60 T BF 80	125 x 1,0 x 22,23 (7/8)	12.200	25	0,750



# The Thin Wheels from PFERD

## Cutting with the best

**INOX**  
Hard type - hardness grade S



Extremely resistant high-performance tool of hardness grade S-INOX.

Improved PFERD product providing unsurpassed cutting performance and outstanding tool life.

- cool,
- fast,
- comfortable,
- burr-free.

**Abrasive: Aluminium oxide A**

Manufactured without addition of ferrous, sulphurous and chlorinated fillers.

**Workpiece materials:**



Stainless steel (INOX)

**Application:**

Cutting of metal and sheet profiles

**Recommendation for use:**

Best cutting results on air turbine grinders and high-performance electric angle grinders.

Order No.	EAN 4007220	EN-designation	D x T/U x H [mm (Inch)]	Max. speed [RPM]		
Flat type EHT (form 41)						
EHT 115-1,0 A 60 S SGP-INOX/22,23	538074	41 A 60 S BF 80	115 x 1,0 x 22,23 (7/8)	13.300	25	0,625
EHT 115-1,6 A 46 S SGP-INOX/22,23	538081	41 A 46 S BF 80	115 x 1,6 x 22,23 (7/8)	13.300	25	1,000
EHT 125-1,0 A 60 S SGP-INOX/22,23	538098	41 A 60 S BF 80	125 x 1,0 x 22,23 (7/8)	12.200	25	0,750
EHT 125-1,6 A 46 S SGP-INOX/22,23	538104	41 A 46 S BF 80	125 x 1,6 x 22,23 (7/8)	12.200	25	1,175

## Combination abrasive wheel DUODISC® – Universal-Linie PS-FORTE

**INOX/steel**  
Medium hardness type P



Combination abrasive wheel DUODISC® for cutting and light deburring work. General-purpose tool, suitable for use on angle grinders of all output categories.

Alongside the tried-and-trusted disc width 2,8 mm, PFERD now also supplies a thin version with a width of only 1,9 mm.

**Advantages:**

- Unsurpassed quality and safety due to robust design ensuring high dimensional and lateral stability.
- Reduces labour costs by eliminating set-up times (less wheel change).
- High performance due to aggressive abrasive grain and high-grade bond.
- Combi abrasive wheel DUODISC® conforms to EN 12413:2007.

**Abrasive: Aluminium oxide A**

Manufactured without addition of ferrous, sulphurous or chlorinated fillers.

**Workpiece materials:**

Stainless steel (INOX), steel

**Application:**

Cutting, light deburring, surface grinding



**Recommendation for use:**

**Width 1,9 mm** for fast cutting and deburring.

**Width 2,8 mm** for coarse applications with maximum tool life.

Suitable for use on angle grinders of all output categories.

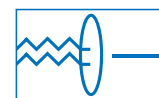
One abrasive wheel for dual-purpose use without tool change.

Order No.	EAN 4007220	EN-designation	D x U x H [mm (Inch)]	Max. speed [RPM]		
<b>N!</b> E 115-1,9 A 46 PSF-INOX-DUO/22,23	835081	27 A 46 P BF 80	115 x 1,9 x 22,23 (7/8)	13.300	10	0,500
E 115-2,8 A 46 P PSF-INOX-DUO/22,23	754498	27 A 46 P BF 80	115 x 2,8 x 22,23 (7/8)	13.300	10	0,750
<b>N!</b> E 125-1,9 A 46 PSF-INOX-DUO/22,23	835098	27 A 46 P BF 80	125 x 1,9 x 22,23 (7/8)	12.200	10	0,600
E 125-2,8 A 46 P PSF-INOX-DUO/22,23	754504	27 A 46 P BF 80	125 x 2,8 x 22,23 (7/8)	12.200	10	0,850

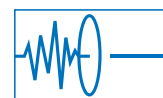


**PFERDERGONOMICS** recommends the thin cut-off wheels as innovative tool solutions for hard and rough jobs.

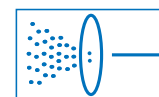
For further information and suitable PFERD tools see the brochure "PFERDERGONOMICS – The focus is on people".



**Vibration Filter**



**Noise Filter**



**Emission Filter**



**Haptic Filter**