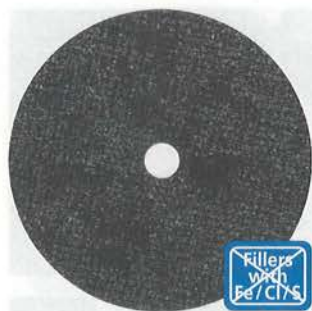


# Cut-off wheels for straight grinders

Performance Line SG ★★☆☆



## SG STEELOX ★★☆☆

Universal cut-off wheel for use on straight grinders with a high cutting performance and very long tool life.

### Advantages:

- Ideal for hard-to-reach areas.
- Universal cut-off wheel for many different materials.
- Fast work progress thanks to high cutting performance.
- Maximum economic efficiency due to very long tool life.

### Materials that can be worked:

steel, stainless steel (INOX), nickel-based alloys (e.g. Inconel and Hastelloy), cast iron, aluminium, other non-ferrous metals

### Applications:

cutting of sheet metal, profiles and solid material, cutting out holes

### Abrasive:

High-performance aluminium oxide A

### Ordering notes:

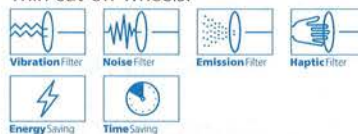
- Please order the matching arbor separately.


### Safety notes:

- Observe the maximum rotational speed for the cut-off wheel and arbor – the lower speed takes precedence.
- When using cut-off wheels with diameter up from 50 mm on compressed-air straight grinders, a protective guard must be used (ISO 11148-7).
- When using cut-off wheels with diameter up from 55 mm on electric straight grinders, a protective guard must be used (EN 60745-2-3).

### PFERDVALUE:

Thin cut-off wheels:



D [mm]	T [mm]	H [mm]	EAN 4007220	Max. RPM		Description
<b>Flat type EHT (shape 41)</b>						
30	1.0	6.0	165621	51,000	50	EHT 30-1,0 SG STEELOX/6,0
	1.4	6.0	165638	51,000	50	EHT 30-1,4 SG STEELOX/6,0
40	1.0	6.0	165645	38,200	50	EHT 40-1,0 SG STEELOX/6,0
	2.0	6.0	165652	38,200	50	EHT 40-2,0 SG STEELOX/6,0
50	0.8	6.0	849156	30,600	50	EHT 50-0,8 SG STEELOX/6,0
	1.0	6.0	165669	30,600	50	EHT 50-1,0 SG STEELOX/6,0
	1.4	6.0	165676	30,600	50	EHT 50-1,4 SG STEELOX/6,0
	2.0	6.0	165683	30,600	50	EHT 50-2,0 SG STEELOX/6,0
65	3.0	6.0	165690	30,600	50	EHT 50-3,0 SG STEELOX/6,0
	0.8	6.0	849187	23,500	50	EHT 65-0,8 SG STEELOX/6,0
	0.8	10.0	849194	23,500	50	EHT 65-0,8 SG STEELOX/10,0
	1.0	6.0	165706	23,500	50	EHT 65-1,0 SG STEELOX/6,0
	1.0	10.0	165713	23,500	50	EHT 65-1,0 SG STEELOX/10,0
70	1.4	10.0	165720	23,500	50	EHT 65-1,4 SG STEELOX/10,0
	2.0	10.0	165737	23,500	50	EHT 65-2,0 SG STEELOX/10,0
	3.0	10.0	165744	23,500	50	EHT 65-3,0 SG STEELOX/10,0
	1.0	10.0	165751	21,800	50	EHT 70-1,0 SG STEELOX/10,0
	1.4	10.0	165768	21,800	50	EHT 70-1,4 SG STEELOX/10,0
76	2.0	10.0	165775	21,800	50	EHT 70-2,0 SG STEELOX/10,0
	3.0	10.0	165782	21,800	50	EHT 70-3,0 SG STEELOX/10,0
	0.8	6.0	849217	20,100	50	EHT 76-0,8 SG STEELOX/6,0
	0.8	10.0	849200	20,100	50	EHT 76-0,8 SG STEELOX/10,0
	1.0	6.0	165812	20,100	50	EHT 76-1,0 SG STEELOX/6,0
76	1.0	10.0	165829	20,100	50	EHT 76-1,0 SG STEELOX/10,0
	1.4	10.0	165836	20,100	50	EHT 76-1,4 SG STEELOX/10,0
	2.0	10.0	165843	20,100	50	EHT 76-2,0 SG STEELOX/10,0
	3.0	10.0	165850	20,100	50	EHT 76-3,0 SG STEELOX/10,0

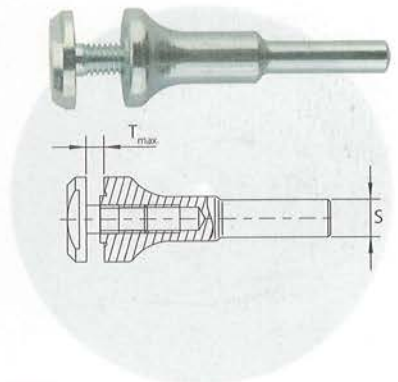
**Arbors for small cut-off wheels**


Accessory for mounting small cut-off wheels on straight grinders. Stable arrangement with very high shank breakage resistance.

Cut-off wheel diameter [mm]	Max. RPM
30	31,800
40	23,900
50	19,100
65	14,700
70	13,600
76	12,500

**Safety notes:**

- Observe the maximum rotational speed for the cut-off wheel and arbor – the lower speed takes precedence (see table).



S [mm]	Suitable for cut-off wheels with centre hole [mm]	T <sub>max</sub> [mm]	EAN 4007220		Description
6	6	0-4	219119	1	BO 6/6 0-4
	10	0-4	219140	1	BO 6/10 0-4
6.35 (1/4")	6	0-4	219126	1	BO 6,35/6 0-4 (1/4)
	10	0-4	219133	1	BO 6,35/10 0-4 (1/4)
8	10	0-4	219157	1	BO 8/10 0-4

